## **For Reference**

Not to be taken from this room

والم مؤلم مؤلم مؤلم مؤلم مراد مراد مؤلم مؤلم مؤلم مراد مواد مواد مواد مواد مواد مو COL DEGE SIBRARY of St. Thomas of Villanova Villanova, Pa. This volume was presented by No. 40 Date Shelf, Case. VILLANOVA COLLEGE VILLANOVA, PENNSYLVANIA LIBRARY L 111

Class . A3 1205, v.1

Accession 27397

•

÷.

.

.

# 

.

.

8

[Whole Number 365.

## REPORT

OF THE

## **COMMISSIONER OF EDUCATION**

FOR

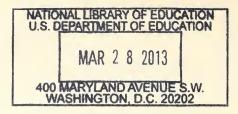
THE YEAR ENDING JUNE 30, 1905.

NO LONGER PROPERTY OF FALVEY MEMORIAL LIBRARY

VOLUME 1.

WASHINGTON GOVERNMENT PRINTING OFFICE.

1907.



THE UNITED STATES BUREAU OF EDUCATION,

Created as a Department March 2, 1867.

Made an Office of the Interior Department July 1, 1869.

#### COMMISSIONERS.

HENRY BARNARD, LL. D.,

March 14, 1867, to March 15, 1870.

JOHN EATON, PH. D., LL. D., March 16, 1870, to August 5, 1886. NATHANIEL H. R. DAWSON, L. H. D.,

August 6, 1886, to September 3, 1889.

WILLIAM T. HARRIS, PH. D., LL. D., September 12, 1889, to June 30, 1906.

ELMER ELLSWORTH BROWN, PH. D., July 1, 1906, to date.



#### THE COMMISSIONER'S INTRODUCTION.

Page

III

	0
Reduction in size of the report	VII
Statistics of State school systems.	VII
Reports of the Mosely educational commission.	XVI
Rhodes scholarships	
Education in France.	XIX
Teaching of agriculture in France	
Education of business men in Germany.	
Education in Liberia.	
Congress for the reproduction of manuscripts	
New York secondary school system	
Art and industry x	
Current topics	
Instruction in forestry	
The American system of agricultural education	
Educational reform in China	
Education in Alaska	
Educacion in Porto Rico	
Education in the Philippines	
City school systems	
Universities, colleges, and technological schools	
Agricultural and mechanical colleges.	
Professional schools	
Normal schools	
Secondary schools.	
Manual and industrial training	
Business schools	
Schools for nurses	
Schools for the colored race	
Reform schools	
Schools for the defective classes.	
Recommendations	XLIX
CHAPTER I,-THE REPORTS OF THE MOSELY EDUCATIONAL COMMISSION. BY W. T. HARRIS.	
Mr. Mosely's attention drawn to the success of American engineers	1
Commission organized to visit America	1
Reports of the commissioners	5
Manual training schools in the United States	5
School discipline	- 6
Women teachers	7
Science in the service of the State	7
Effect of coeducation	8
CHAPTER II.—REPORT OF THE MOSELY EDUCATIONAL COMMISSION TO THE UNITED STATES OF AMERICA, OCTOBER-DECEMBER, 1903.	
Introductory statement by the American editor	11
Preface to the report, by Mr. Mosely	12
List of members of the commission	18
Joint report of the members	19
Extracts from individual reports, relating to the following subjects	
Administration	20
Buildings and equipments	21
The training of teachers	22
The elementary schools: Methods and subjects of instruction	23
Secondary education	$^{28}$
Manual training and business high schools	30
Higher technical and agricultural education	33
Spirit of American educational systems	- 38
Spirit of minoroan outcanonal systems.	

27397

#### CONTENTS OF VOLUME 1.

#### CHAPTER III.-STATEMENT OF PROCEEDINGS INSTITUTED TO EXECUTE THE RHODES SCHOL-ARSHIP TRUST.

ARSHIP TRUST.	Page.
Provisions of the will of Cecil Rhodes relating to the American scholarships	
State committees of selection.	
Delegacy of local examinations	
List of American Rhodes scholars	. 49
CHAPTER IVEDUCATION IN FRANCE.	
Previous articles	. 57
Salient features of the system of public instruction in France.	
Uniform organization of the "Académies"	
Effects of the law against the religious associations.	
State appropriations.	
Detailed statistics of primary education	. 61
Movements for prolonging the education of the people and for promoting the social welfare of the	
young	
Expenditure for public primary education	
Practical results of elementary education.	
Educational statistics of the cities of France having more than 100,000 inhabitants	
Secondary education	
CHAPTER VTHE TEACHING OF AGRICULTURE IN THE SCHOOLS OF FRANCE AND BELGIUM	•
Establishment of schools of agriculture	. 87
Elementary primary schools	
Superior primary schools	
Normal schools for men	
Agricultural schools of higher and secondary grade in France	
The national institute of agronomy English and French rural schools compared	
Agricultural education in Belgium .	
Chapter VI.	
HIGHER EDUCATION FOR BUSINESS MEN IN THE UNITED STATES AND GERMANY. FROM A REPORT BY DR. J. JASTROW, OF BERLIN UNIVERSITY.	
CHAPTER VII.—EDUCATION IN LIBERIA. BY GEORGE W. ELLIS, SECRETARY OF UNITED STATES LEGATION AT MONROVIA.	
	. 111
Importance of West Africa	
Settlements and political divisions	
Liberian educational systems	
Distribution of the Methodist schools	
The College of West Africa	. 114
History of Methodist schools	
Support and teachers in Methodist schools	1
Protestant Episcopal schools	
Liberian public educational system	
Liberia College	
Other schools	
Industrial education in Liberia Liberia a new country	
The future of Liberia.	
CHAPTER VIII.	
AN ACCOUNT OF THE PROCEEDINGS OF THE INTERNATIONAL CONGRESS FOR THE REPRODUCTION	T
AN ACCOUNT OF THE PROCEEDINGS OF THE INTERNATIONAL CORGRESS FOR THE REPRODUCTION OF MANUSCRIPTS, LIÉGE, AUGUST 21-23, 1905. BY CHARLES MILLS GAYLEY, U. S. DELEGATI TO THE CONGRESS.	E
CHAPTER IX.—THE NEW YORK SECONDARY SCHOOL SYSTEM. ADDRESS BY ANDREW S.	

DRAPER, NEW YORK STATE COMMISSIONER OF EDUCATION.

The colonial grammar school	143
Rise of the academies	144
The New York academics	145
The New York high schools	148
The future.	

IV

	age.
The secondary schools and the certification of teachers	151
Secondary schools and district schools under same supervision	152
Training teachers for secondary schools.	152
Conclusion	153
CHAPTER X.	
ART EDUCATION AN IMPORTANT FACTOR IN INDUSTRIAL DEVELOPMENT. BY HALSEY COOLEY	
Ives	155
CHAPTER XI.—CURRENT TOPICS.	
Compulsory attendance and child-labor laws	185
Consolidation of schools and transportation of pupils	193
Free text-books and supplies	194
Temperance instruction in the public schools.	195
Sunday-school statistics of North America	196
List of educational periodicals	202
Religious exercises in public schools	204
Corporal punishment in city public schools.	205
Requirements as to vaccination of school children.	207
Length of service of city teachers.	
	208
Teachers' pensions in Germany	209
Higher commercial education in Europe	216
Salaries of city superintendents and teachers	217
Statistics of education in foreign countries	229
CHAPTER XIIMISCELLANEOUS EDUCATIONAL TOPICS.	
Instruction in forestry	237
The American system of agricultural education and research, by A. C. True, director office of	
experiment stations, U. S. Department of Agriculture.	244
The progress of educational reform in China, by Mr. E. T. Williams, Chinese secretary of the	211
	256
American legation at Peking	200
CHAPTER XIII.—REPORT ON EDUCATION IN ALASKA.	
Southeast Alaska	267
Western Alaska	269
Arctic and northern Alaska	271
Statistics of public schools in Alaska	275
School fund	281
CHAPTER XIV.	
Reindeer in Alaska, 1905.	283
CHAPTER XV,-INAUGURATION OF THE AMERICAN SCHOOL SYSTEM IN PORTO RICO.	
By SAMUEL MCCUNE LINDSAY, PH. D.	
	000
The educational problem at the beginning of American occupation	293
The period of military government.	299
The advent of civil government	304
The primary schools	306
The town graded schools	307
Special schools: Normal schools, high schools, industrial schools, rural agricultural schools, and	
night schools	313
The university of Porto Rico	321
Porto Rican and American teachers	327
Porto Rican students in the United States.	330
Insular legislation for education, financial resources, cost of schools.	332
The present policy—Results of five years' work—The outlook for the future	339
and horsen howed meaning of medicane work and one for the restriction of the restriction	
CHAPTER XVIEDUCATION IN THE PHILIPPINES.	
The public schools	345
Secondary schools	350
	351
The technical schools at Manila	353
Schools for pagan tribes	353 354
Schools in the Moro Province.	354 355
Summary of statistics.	
Filipino students in the United States	358
A teacher's notes on the schools of the Philippine Islands, by Robert B. Vaile	360

#### CONTENTS OF VOLUME 1.

#### CHAPTER XVII.-EDUCATIONAL DIRECTORY.

	Lage.
Chief State school officers.	
City school superintendents.	. 366
Presidents of colleges for men and coeducational colleges of liberal arts.	
Presidents of colleges for women	. 385
Schools of technology	
Professors of pedagogy and heads of departments of pedagogy in universities and colleges	. 388
Principals of normal schools	. 390
CHAPTER XVIIISTATISTICS OF STATE SCHOOL SYSTEMS.	
General statement	. 397
Total population, school population, and adult male population.	
Density of population, urban population, nativity and race classification, value of manufac	
tures, illiteracy, and relations of the adult male, and of the school population	
School ages in the several States—State school censuses	
School enrollment.	
Average length of school term at various periods.	. 406
Number and sex of teachers.	
School moneys received.	
School expenditures.	
Permanent school funds and school lands.	
Diagrams showing common school attendance, etc	- 420
CHAPTER XIX.—STATISTICS OF CITY SCHOOL SYSTEMS.	
List of tables	429
Evening schools.	
Kindergartens	
Schools in cities, towns, and villages of the second class	
Summary, by States, of enrollment, teachers, etc., in cities containing over 8,000 inhabitants	
Statistics of schools in cities of over 8,000 inhabitants	
Statistics of evening schools.	
Statistics of cities and villages containing from 4,000 to 8,000 inhabitants.	
Statistics of public kindergartens.	
	. 020
CHAPTER XXUNIVERSITIES, COLLEGES, AND TECHNOLOGICAL SCHOOLS.	
Number of institutions and professors	. 537
Preceptors at Princeton University	
Changes in programme of studies in Columbia University	- 540
Summary of statistics.	
Technical courses of study offered by universities, colleges, and schools of technology	
Statistical tables of universities and colleges	
Colleges for women	
Schools of technology	
	. 000

### **REPORT OF THE COMMISSIONER OF EDUCATION.**

DEPARTMENT OF THE INTERIOR, BUREAU OF EDUCATION,

Washington, D. C., December 5, 1906.

SIR: I have the honor to submit herewith the Annual Report of this Office for the year ending June 30, 1905.

The statistical tables and chapters of general educational information contained in this report were prepared under the direction of my distinguished predecessor, the Honorable William T. Harris, LL.D. It has seemed best to present the material which he had brought together for this report with the least possible alteration. The appropriation, however, which was made near the close of his term of service, for the printing and binding of this report—namely, the sum of \$20,000 (34 Stat. L., p. 760)—is less, by more than onethird, than the amount which has been expended for this purpose each year for the past eight years. It has accordingly been necessary to reduce by one-half the number of pages in the report as originally planned by Commissioner Harris. The statistical tables are presented in full, the necessary reduction having been made by the omission of certain chapters of general educational information.

#### STATISTICS OF STATE SCHOOL SYSTEMS.

The enrollment in the institutions commonly grouped together as constituting the main body of our educational system—that is, in schools and colleges, public and private—during the year 1904–5 was 18,160,475, an increase of 263,585 pupils as compared with the previous year. Of this number there were enrolled in public institutions supported by taxation and funds belonging to States and municipalities 16,596,503 as compared with 16,379,443, reported for the previous year. Adding to this number the enrollment of various special schools, public and private, amounting to 727,371, we have a

11V

grand total of 18,887,846. The several items entering into this grand total are presented in the following table:

Enrollment in schools and colleges and in special schools in the United States, 1904-5.

	Nı	umber of pup	oils.
Grade.	Public.	Private.	Total.
Elementary (primary and grammar) Secondary (high schools and academics) Universities and colleges. Professional schools. Normal schools.	695, 980	$1,230,661 \\100,061 \\91,720 \\50,751 \\10,779$	$17,019,259\\876,050\\138,544\\61,322\\65,300$
Total, schools and colleges	16, 596, 503	1,563,972	18, 169, 475
City evening schools. Business schools. Reform schools. Schools for the deaf. Schools for the blind. Schools for the feeble-minded. Government Indian schools. Indian schools (Five Civilized Tribes). Schools in Alaska supported by the Government. Schools in Alaska supported by incorporated municipalities (esti- mated). Orphan asylums and other benevolent institutions (estimated). Private kindergartens (estimated). Miscellaneous (including schools of music, oratory, elecution, cookery, and various special arts) (estimated).	$\begin{array}{c} 36,580\\ 11,414\\ 4,441\\ 15,530\\ 30,106\\ 12,432\\ 3,083\\ 3,200\\ \end{array}$	146,086 538 710  15,000 105,932	$\begin{array}{c} 292, 319\\ 146, 086\\ 36, 580\\ 11, 952\\ 4, 441\\ 16, 240\\ 30, 106\\ 12, 432\\ 3, 083\\ 3, 200\\ 15, 000\\ 105, 932\\ 50, 000\\ \end{array}$
Total, special schools.			727, 371
Grand total	17,005,608	1,882,238	18, 887, 846

The following table gives a summary of the total expenditures for education in the United States for the year 1904–5, in comparison with the total of public expenditure for all purposes:

Federal, State, and local expenditures for all purposes and expenditures for schools and other institutions of learning in the United States, 1904-5.

Total disbursements by the United States Government         Estimated expenditure by the States         Estimated expenditure by minor civil divisions	720, 105, 498 125, 000, 000 600, 000, 000
Total public expenditure	1, 445, 105, 498
State expenditure for common schools (elementary and secondary) Expenditure for private elementary and secondary schools (partly	291, 616, 660
estimated)	21, 258, 228
Expenditure for universities and colleges	41,775,101
Expenditure for professional schools (partly estimated)	2, 900, 000
Expenditure for normal schools	6,277,510
Expenditure for commercial schools (estimated)	3,000,000
Expenditure for schools for the defective classes	5,818,656
Expenditure for reform schools	4, 350, 317
Total expenditure for education	376, 996, 472

It will be seen that there was expended for education a sum equal to more than one-half of the cost of the National Government; and that of the total expenditure for public purposes of all the States, counties, cities, towns, etc., two-fifths (40.2 per cent) was expended for the support of common schools. The aggregate of school property increased in value during the year \$48,345,462, reaching a total of \$733,446,805. The average expenditure for school purposes advanced to 16.8 cents per day for the instruction of each pupil, as compared with  $16\frac{1}{2}$  cents per day the previous year.

The significance of the figures of school enrollment, attendance, etc., is seen in the comparison of these figures for successive years and over considerable periods of time. It may be assumed, in these as in other particulars, that our educational systems have not yet reached that degree of efficiency which is to be expected and desired, and that the advance noted from year to year is a progress toward some goal. While such a goal can not be fixed with any degree of finality, and may be expected to advance from time to time as the actual conditions approach thereto, we can, at least in a provisional way, indicate a goal toward which American education is advancing, and which may conceivably be reached within a generation or two. The actual attainments of some of the more favored of our communities are suggestive at this point. Broadly speaking, then, we may regard the current movement in American education as tending toward a condition in which the enrollment in schools of all kinds will be equal to the total population between the ages of 5 and 18; that the attendance of the pupils so enrolled will be practically constant, excepting for the contingencies of sickness, fire and flood, and the like, and will accordingly approximate 95 per cent of the total enrollment; that the school year for all pupils so enrolled, at least in schools of elementary and secondary grade, will consist of two hundred days, including in that number six or eight holidays; and that the attendance of every pupil shall extend over the whole school year. These items of school attendance, to be sure, indicate only the beginning of things so far as education is concerned, the vital question being what is done educationally for the children when they are brought into the schools. But school attendance and the length of the school year are fundamental facts in our education, for the schools at their best can do little or nothing for those who do not go to school, and the mere habit of school attendance itself has some educational value. The following tables show the trend of the statistics of recent years with reference to these several items of school attendance, and give additional information with reference to the progress and present condition of our school systems:

	1869-70.	1879-80.	1889-90.	1899-1900.	1900-1901.	1901-2.	1902-3. <i>a</i>	1303-4.a	1904-5, a
1.—General statistics.									
Total population Persons 5 to 18 years of age	$\begin{smallmatrix} b & 38, 558, 371 \\ b & 12, 055, 443 \end{smallmatrix}$	$b \ 50, 155, 783$ $b \ 15, 065, 767$	$\substack{b \ 62, 622, 250 \\ b \ 18, 543, 201 \\ \end{array}$	$b \ 75, 602, 515$ $b \ 21, 404, 322$	c 77, 274, 967 c 21, 908, 636	c 78, 576, 436	c 79,900,389 c 22,655,001	c 81,241,246 c 23,028,748	c 82, 584, 061 c 23, 410, 800
Pupils enrolled (duplicates excluded) Per cent of total nonulation enrolled	6, 871, 522 17, 82	9,867,505 19.67	12,722,581 20.32	15,503,110 20.51	15,702,517 20.32	15,917,385 20.26	16,009,361 20.04	16,256,038 20.01	16,468,300 19.94
Per cent of persons 5 to 18 years of age enrolled.	57.00	65.50	68.61	72.43	71.67	71.45	70.67	70.59	70.35
Average daily attendance	4,077,347 59.3	6, 144, 143 62.3	8,153,635 64.1	10,632,772 $68.6$	10,716,094 68.2	11,064,164 69.5	11,054,502 $69.2$	11,318,256 69.6	11,481,531 $69.7$
Average length of school term (days) Total number of days attended by all pupils	132.2 539,053,423	130.3 $800,719,970$	134.7 1,098,232,725	144.3 1,534,822,633	1,539,576,527	1,601,169,762	$^{147.2}_{1,627,405,037}$	146.7 1,660,507,716	150.9 1,732,845,238
	44.7	53.1	59.2	. 71.8	70.3	71.9	71.8	72.1	74.0
Average number attended by each pupil en-	78.4	81.1	86.3	<b>39.0</b>	98.0	100.6	101.7	102.1	105.2
Male teachers.	$\frac{77,529}{122,986}$	122,795 163,798	125,525 238,397	126,588 296,474	125,838 306,080	120,883 320,936	$^{117,035}_{332,252}$	113,744 341,498	110,532 349,737
Whole number of teachers.	200, 515 38.7	286 <b>,</b> 593 42.8	363,922 34.5	423,062	431,918 29.1	$\frac{441,819}{27.4}$	449, 287 26. 0	455, 242 25.0	460, 269 24, 0
Average monthly wages of nuale teachers d				\$46. 53 \$38.93	\$47.55	\$49.05 \$39.77	\$49.98 \$40.51	\$50.96 \$41.54	\$55.04 \$42.69
Number of schoolhouses "	\$130, 383, 008	$^{178,222}_{2209,571,718}$	224,526 342,531,791	248,279 \$550,069,217	251,487 8572,125,215	\$599, 449, 384	256, 789 \$643, 903, 228	257,627 \$685,101,343	256,826 \$733,446,805
IIFinancial statistics.									
receptus: From income of permanent funds and rents. From State taxes. From local taxes. From local taxes.			\$7, 744, 765 \$26, 345, 323 \$97, 222, 426 \$11, 882, 292	\$9, 152, 274 \$37, 886, 740 \$149, 486, 845 \$23, 240, 130	\$9,767,110 \$36,281,256 \$163,897,478 \$25,393,493	\$10,022,843 \$39,215,910 \$173,151,453 \$23,107,392	\$12, 102, 581 \$40, 455, 815 \$173, 730, 858 \$25, 347, 865	\$10, 193, 093 \$42, 552, 969 \$193, 215, 794 \$33, 172, 139	\$13, 194, 042 \$44, 349, 295 \$210, 167, 770 \$34, 107, 962
Total received			\$143, 194, 806	\$219,765,989	\$235, 339, 337	\$245, 497, 598	\$251,637,119	\$279, 133, 995	\$301, 819, 069
Per cent of total derived from— Income of permanent tunds and rents State taxes. Local taxes. All other sources.			5.4 13.4 87.9 8.3 8.3	$\begin{array}{c} 4.2\\ 17.2\\ 68.0\\ 10.6\\ 10.6\end{array}$	4.2 15.4 69.6 10.8	4.1 16.0 70.5 9.4	4.8 16.1 69.0 10.1	3.7 15.2 69.2 11.9	$\begin{array}{c} 4.4 \\ 14.7 \\ 69.6 \\ 11.3 \\ 11.3 \end{array}$

EDUCATION REPORT, 1905.

TABLE I.—Common school statistics of the United States.

x

\$56, 416, 168 \$177-462, 981	\$57, 737, 511	\$291,616,660 \$3.53	\$4.91 \$15.46	\$5.03	\$25.40	19.3	60.9 19.8		10.2	0.01	ted.
\$49,453,269 \$167.824.753	\$55,938,205	\$273, 216, 227	\$4.37 \$14.83	\$4.94	\$24.14	18.1	61.4		10.1	C*01	• Including buildings rented.
\$46,289,074 \$157,110,108	\$48, 058, 443	\$251, 457, 625 \$3. 15	\$4.19 \$14.21	\$4.35	\$22.75	18.4	62.5		9.7	10.0	e Including
\$20, 962, 863 \$151, 443, 681	\$46,855,755	\$238, 262, 299 \$3.03	\$3.61 \$13.69	\$4.23	\$21.53	16.8	63.5		9.5	14.9	verage.
\$39,872,278 \$143.378.507	\$44, 272, 042	\$227,522,827 \$2.94	\$3.72 \$13.38	\$4.13	\$21.23	17.5	63.0		9.3	14.0	¢ Estimated. d Several States are not included in this average.
\$35, 450, 820 \$137, 687, 746	\$41, 826, 052	\$214, 964, 618 \$2.84	\$3.33 \$12.95	\$3.93	\$20.21	16.5	64.0		0.0	0.#T	es are not incl
\$26, 207, 041 \$91, 836, 484	\$22, 463, 190	\$140,506,715 \$2.24	\$3.21 \$11.26	\$2.76	\$17.23	18.6	65.4		4.0	12.0	c Estimated. d Several Stat
\$55.942.972		\$78,094,687 \$1.56	\$9.10		\$12.71		71.6		7.0	3.1	
\$37.832.566		\$63, 396, 666 \$1. 64	\$9.28		\$15.55		59.7		7.0	0.11	to correction.
Expenditures: For sites, buildings, furniture, libraries, and apparatus. For salaries of superintendents and teach- ers	For all other purposes.	Total expended	Expenditure per pupil (of average attendance): For sites, buildings, etc For salaries.	For all other purposes	Total expenditure per pupil	Per cent of expenditure devoted to	Salaries All other mirrorea	Average expenditure per day for each pupil (cents):	For salaries	r or all purposes	a The figures for this year are subject to correction. b United States census.

### THE COMMISSIONER'S INTRODUCTION. XI

Ĩ
6
6
7
s,
36
S
20
5
~
ŝ
a
S
õ
2
0
S.
5
'n.
5
6
~
20
G
0
li.
9
20
2
2
õ
9
'n
~
S
Ľ,
20
9
22
0
5
Q.
ť3
я
Le.
22
St
~
and
G
ŝ
::
d'
20
.~
5
2
06
22
cn
Ne
4
Η
TABLE I
BLE
B
LA
H

Georgia, and Florida. South Central Division: Kentucky, Tennessee, Alabama, Mississippi, Division: Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri, North Louisiana, Texas, Arkanžas, Oklahoma, and Indian Territory. North Central Division: Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Nebraska, and Kansas. Western Division: Montana, Wyoming, Colorado, New Mexico, Arizona, Utah, Nevada, Idaho, Washington, Oregon, and Nore.-The classification of States made use of in the following table is the same as that adopted by the United States census, and is as follows: North Atlantic Division: Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, and Pennsylvania. South Atlantic Division: Delaware, Maryland, District of Columbia, Virginia, West Virginia, North Carolina, South Carolina, California.

	Pupils receiving ele-	eiving ele-	Pupils r	Pupils receiving				Studen	Students receiving higher instruction	g higher	instruct	tion.			
	mentary tion (pri gramma	mentary instruc- tion (primary and grammar grades).	secondary tion (high grades). a	secondary instruc- tion (high school grades).a	In unive	In universities and colling in schools of medicine, leges. $c$	-loo bu	In schoo law, a	schools of medicin law, and theology. $^{e}$	dicine, sy.e	In no	In normal schools. g	ols.g	Total	Total higher.
Division.	Public.	Private (largely esti- mated).	Public. ð	Private (in prepara- tory schools, academies, semi- naries, etc.).		Public.d Private. Total. Public.f Private. Total. Public. Private. Total.	Total.	Public. f	Private.	Total.	Public.	Private.	Total.	Public. Private.	Private.
1	લ	တ	4	5	9	1.	œ	6	10	11	12	13	14	15	16
The United States	15, 788, 598	1, 230, 661	695, 989	180,061	46, 824	91,720	138, 544	10, 571	50, 751	61, 322	54, 521	10,779	h65, 300	111,916	153, 250
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	$\begin{array}{c} 3,682,769\\ 2,286,836\\ 3,270,382\\ 5,604,692\\ 943,919\end{array}$	$\begin{array}{c} 432,810\\ 102,481\\ 158,376\\ 478,998\\ 56,996\end{array}$	226, 834 38, 140 53, 545 323, 979 53, 491	$\begin{array}{c} 52,702\\ 25,403\\ 30,897\\ 58,262\\ 12,797\end{array}$	$\begin{array}{c} 5,303\\ 6,761\\ 4,490\\ 23,288\\ 6,982\end{array}$	$\begin{array}{c} 38,014\\ 12,055\\ 10,243\\ 26,772\\ 4,636\end{array}$	$\begin{array}{c} 43, 317\\ 18, 816\\ 14, 733\\ 50, 060\\ 11, 618\\ 11, 618\end{array}$	$^{1,447}_{6,557}$	$18,168 \\ 6,873 \\ 6,537 \\ 17,606 \\ 1,567 \\ 1,$	$     \begin{array}{c}       18,551 \\       8,320 \\       7,904 \\       24,163 \\       2,384 \\       2,384 \\     \end{array} $	$19,900\\5,291\\5,612\\19,391\\4,327$	${ \begin{smallmatrix} 1, \ 100 \\ 1, \ 405 \\ 2, \ 520 \\ 37 \\ 37 \\ \end{array} }$	21,000 6,696 8,132 25,108 4,364	$\begin{array}{c} 25,586\\ 13,499\\ 11,469\\ 49,236\\ 12,126\end{array}$	57, 282 20, 333 50, 095 6, 240
				9 bur 0 numilor of bound and an analysis for static for static for static static static static static static st		14mm		- Para		1000000	- line -	and o one	i possolo	untiloo a	0 pages

a Including pupils in preparatory or academic departments of higher institutions, public and private, and excluding elementary pupils, who are classed in columns 2 and 3. A classification of public and of private secondary students, according to the character of the institutions in which they are found, is given in Chap. 24. b This is made up from the returns of individual high schools to the Bureau, and is somewhat too small, as there are many secondary pupils outside the completely

organized high schools whom there are no means of enumerating. c Including colleges for women, agricultural and mechanical (land-grant) colleges, and scientific schools. Students in law, theological, and medical departments are excluded, heing tabulated in columns 9-11. Students in academic and preparatory departments are also excluded, being tabulated in columns 4 and 5. a Mainly State universities and agricultural and mechanical colleges.

• Including also schools of dentistry, pharmacy, and veterinary medicine. / Mainly in schools or departments of medicine and law attached to State universities.

g Nonprofessional pupils in normal schools are included in columns 4 and 5. h There are, in addition to this number, 28,340 students taking normal courses in universities, colleges, and public and private high schools. (See Chap. 23.)

ŗ.

TABLE II.—Number of pupils and students of all grades in both public and private schools and colleges, 1904-5-Continued.

, in the second s	Summary of pupils by grade.	of pupils t	y grade.	Summary to co	Summary according to control.	Grand	Per cen of th ber of	Per cent in each grade of the whole num- ber of pupils.	grade num-	Per c	Per cent of public pupils.	lblic	Per cen ulatio grade.	Per cent of the total ulation enrolled in grade.	at total	pop- each
TUVSIOI.	Elemen- tary.	Second- ary.	Higher.	Public,	Private.	total.	Ele- men- tary.	Sec- ond- ary.	High- er.	Ele- men- tary.	Sec- ond- ary.	High- er.	Ele- men- tary.	Sec- ond- ary.	High- er.	Total.
1	2 L	18	19	20	21	55	23	24	25	36	27	80 80	39	30	31	32
The United States.	17,019,259	876,050	265, 166	16, 596, 503	1,563,972	18, 160, 475	93. 72	4.82	1.46	92.73	79.45	42. 21	20.62	1.06	0. 32	22.00
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	$\begin{array}{c} 4,115,579\\ 2,390,317\\ 3,428,758\\ 6,083,690\\ 1,000,915\end{array}$	$\begin{array}{c} 279, 536 \\ 63, 543 \\ 84, 442 \\ 882, 241 \\ 66, 288 \end{array}$	82, 868 33, 832 30, 769 99, 331 18, 366	$\begin{array}{c} 3,935,189\\ 2,338,475\\ 3,335,396\\ 5,977,907\\ 1,009,536\end{array}$	$\begin{array}{c} 542, 794 \\ 149, 217 \\ 208, 573 \\ 587, 355 \\ 76, 033 \\ 76, 033 \end{array}$	$\begin{array}{c} 4,477,983\\ 2,487,692\\ 3,543,969\\ 6,565,262\\ 1,085,569\end{array}$	91. 91 96. 09 92. 67 92. 21	6, 24 6, 25 6, 10 6, 10	L 85 L 36 0.87 L 51 L 69	88.62 95.69 95.15 92.13 94.31	81. 16 60. 03 63. 41 84. 76 89. 69	$\begin{array}{c} 30.88\\ 30.88\\ 37.27\\ 49.57\\ 66.01 \end{array}$	$\begin{array}{c} 18,00\\ 21,39\\ 22,02\\ 21,81\\ 21,81\\ \end{array}$	$\begin{array}{c} 1.22 \\ 0.57 \\ 0.54 \\ 1.35 \\ 1.45 \end{array}$	00000 88888 40888	$\begin{array}{c} 19.58\\ 22.26\\ 22.76\\ 23.16\\ 23.66\end{array}$
															-	

#### EDUCATION REPORT, 1905.

School year.	Pupils, public and private, of all grades.	Increase over pre- ceding year.	Per cent of in- crease.	Estimated population.	Increase over pre- ceding year.	Per cent of in- crease.
1889-90.         1890-91.         1891-92.         1892-93.         1893-94.         1894-95.         1895-96.         1895-96.         1897-98.         1899-1900.         1900-1901 b.         1901-2.         1901-2.         1901-5.         Total increase.         Average.	14, 669, 669 14, 714, 933 15, 083, 630 15, 530, 268 15, 638, 622 15, 997, 197 16, 255, 093 16, 687, 643 16, 738, 362 17, 020, 710 17, 209, 230 17, 460, 000 17, 359, 478 18, 160, 475	156, 291 45, 864 368, 697 446, 638 158, 354 308, 575 257, 896 432, 550 50, 719 282, 348 278, 520 160, 770 79, 478 357, 412 263, 585 3, 647, 697 243, 180	$\begin{array}{c} 1.08\\ .31\\ 2.51\\ 2.96\\ 1.02\\ 1.97\\ 1.61\\ 2.66\\ .30\\ 1.69\\ 1.64\\ .93\\ .46\\ 2.04\\ 1.45\\ \hline \end{array}$	a 62, 622, 250 63, 809, 588 65, 027, 377 66, 266, 491 67, 537, 727 68, 844, 341 70, 127, 242 71, 445, 273 72, 792, 617 74, 178, 966 a 75, 602, 515 77, 274, 967 78, 544, 816 79, 900, 389 81, 241, 276 82, 584, 061		$\begin{array}{c} 1.90\\ 1.91\\ 1.91\\ 1.92\\ 1.93\\ 1.86\\ 1.88\\ 1.89\\ 1.92\\ 2.21\\ 1.64\\ 1.73\\ 1.68\\ 1.63\\ \hline 331.86\\ 1.86\\ \hline \end{array}$

TABLE IIIa.—Increase	in fifteen years of	of the total number of	of persons receiving education
	and of the	total population.	

a United States census.

<sup>b</sup> Indian Territory added.

	1889-	-90.	1899-1	1900.	1904–5.		
Grade.	Pupils.	Per cent of popu- lation.	Pupils.	Per cent of popu- lation.	Pupils.	Per cent of popu- lation.	
Elementary: Public Private Secondary: Public Private. Higher	$12,494,233\\1,516,300\\221,522\\145,481\\135,242$	19. 95 2. 42 . 35 . 23 . 22	$14,821,969\\1,240,925\\530,425\\188,816\\238,575$	19.60 1.64 .70 .25 .31	$15,788,598 \\ 1,230,661 \\ 695,989 \\ 180,061 \\ 265,166$	$19.12 \\ 1.50 \\ .85 \\ .21 \\ .32$	
Total	14, 512, 778	23.17	17,020,710	22.50	18, 160, 475	22.00	

It appears from these tables that the average length of a school year has been steadily increasing, from one hundred thirty-two and two-tenths days in the year 1869-70 to one hundred fifty and nine-tenths days in the year 1904-5. In the same period the per cent of the school population enrolled in the schools has increased from 57 per cent in 1869-70 to 70.35 per cent in the year 1904-5. The percentage of the enrollment in average daily attendance, too, has increased in this period from 59.3 per cent to 69.7 per cent. The percentage of the total population enrolled in the schools has declined slightly for several years past, and for the year 1905 fell below 20 per cent for the first time in seven years. This slight decrease in the percentage of enrollment, however, is more than made up by the increase in the average length of the school term, which passed one hundred and fifty days for the first time in the year 1904-5, and by the percentage of average daily attendance, which in the same year for the first time rose above 70 per cent.

It is to be noted that not only the percentage of male teachers in the whole teaching body has steadily decreased for many years, but for the past five years the total number of male teachers employed in the schools has actually declined, in spite of the great increase in the total number of teachers employed and the total number of pupils enrolled. Attention should, however, be called to the fact, which appears from the statistics of city school systems, that during the years 1902 to 1905 there has been a gradual increase in the number of male teachers employed in city schools, and the percentage of increase in this item for the year 1904–5 was greater than the percentage of increase in the number of female teachers.

The relative amounts of schooling given in each of the different census divisions at different periods since 1880, measured in school years of two hundred days each, is shown in Tables IVa and IVb. It appears from these tables that if enrollment and attendance should hold the same percentage to population for thirteen years that it held during the year 1905, each inhabitant on an average would receive five and thirty-three hundredths full years of schooling, or one thousand sixty-six school days; or in other words, the number arriving at the school age of 6 years would, on the completion of their eighteenth year, if their average attendance per year had been the same as that of all the schools of the nation, public and private, as reported for 1905, have attended school one thousand sixty-six days. Table IVc shows the average amount of schooling in days, as estimated in this manner, at different epochs beginning with the year 1800.

	1880.	1890.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903. a	1904. a	1905. a
The United States	3.96	4.46	4. 99	5.09	5.20	5. 09	5. 23	5.13	5. 18	5.17	5.21	5.33
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	5. 69 2. 22 1. 86 4. 65 4. 17	6.05 2.73 2.42 5.36 4.57	$\begin{array}{c} 6.\ 67\\ 3.\ 01\\ 2.\ 87\\ 6.\ 00\\ 5.\ 66\end{array}$	$\begin{array}{c} 6.\ 84\\ 3.\ 07\\ 3.\ 03\\ 6.\ 01\\ 5.\ 90 \end{array}$	$\begin{array}{c} 6.\ 95\\ 3.\ 32\\ 3.\ 04\\ 6.\ 15\\ 5.\ 85 \end{array}$	$\begin{array}{c} 6.\ 90\\ 3.\ 11\\ 3.\ 09\\ 6.\ 01\\ 5.\ 42 \end{array}$	$\begin{array}{c} 6.\ 98\\ 3.\ 26\\ 3.\ 21\\ 6.\ 18\\ 5.\ 53 \end{array}$	$\begin{array}{c} 6.\ 95\\ 3.\ 41\\ 5.\ 02\\ 5.\ 97\\ 5.\ 61\end{array}$	$\begin{array}{c} 6.\ 81\\ 3.\ 46\\ 3.\ 11\\ 6.\ 07\\ 5.\ 87\end{array}$	$\begin{array}{c} 6.\ 87\\ 3.\ 46\\ 3.\ 10\\ 6.\ 01\\ 6.\ 07\end{array}$	$\begin{array}{c} 6.\ 89\\ 3.\ 55\\ 3.\ 14\\ 6.\ 01\\ 6.\ 47\end{array}$	$\begin{array}{c} 7.\ 09\\ 3.\ 52\\ 3.\ 06\\ 6.\ 20\\ 6.\ 98\end{array}$

 TABLE IVa. — Average number of years of schooling (of 200 days each) that each individual of the population received at the different periods specified in the table, taking into account all public and private schooling of whatever grade.

a Subject to correction.

 TABLE IVb.—The same, taking into account only the schooling furnished by public elementary and secondary schools.

	1880.	1890.	1896.	1897.	1898.	1899.	1900.`	1901.	1902.	1903. a	1904. a	1905. a
The United States	3. 45	3.85	4. 43	4. 53	4.63	4. 55	$\begin{array}{r} 4.\ 66\\ \overline{5.\ 91}\\ 2.\ 95\\ 2.\ 91\\ 5.\ 57\\ 4.\ 99\end{array}$	4.57	4. 67	4. 67	4. 69	4.78
North Atlantic Division	4. 84	4.99	5. 64	5. 78	5.88	5. 85		5.88	5. 97	6. 00	5. 98	6.16
South Atlantic Division	1. 90	2.42	. 2. 74	2. 79	3.05	2. 83		3.10	3. 15	3. 18	3. 25	3.21
South Central Division	1. 57	2.20	2. 59	2. 75	2.76	2. 81		2.74	2. 84	2. 85	2. 91	2.80
Worth Central Division	4. 19	4.67	5. 35	5. 40	5.51	5. 41		5.40	5. 51	5. 43	5. 39	5.55
Western Division	3. 57	3.98	5. 12	5. 36	5.34	4. 96		5.01	5. 36	5. 54	5. 85	6.35

a Subject to correction.

TABLE IVc.—Average entire amount of schooling, public and private, since 1800, at different epochs, given in days (partly estimated).

	Days.		Days.
1800. 1840. 1850. 1860.	208 420	1870	672 792 892 1,066

#### REPORTS OF THE MOSELY EDUCATIONAL COMMISSION.

The tendency to the exchange of opinions and experiences in respect to education is one of the most significant signs of the growing sense among nations of their common interests. The relation of our own country to this general movement is illustrated by the recent visits of the Mosely Commissions to the United States, namely, the industrial commission of 1902 and the educational commission of 1903. The investigations carried on by these two companies of chosen men are impressive also from the private origin of the commissions, their systematic conduct, and the published reports which have given permanent form to the observations and opinions of their members.

The report of the educational commission, published in England at the expense of Mr. Mosely, was limited, and naturally could not reach the great body of teachers and school officers in this country deeply interested in its contents. Chapter II, presenting in condensed form the substance of the portions of the report pertaining to our schools and colleges, is an endeavor to meet repeated requests which continue to come to this Office for information as to the final opinions of our English visitors.

The particular significance to this country of the educational commission is indicated by Doctor Harris in a review of the report included in Chapter I. Commenting upon Mr. Mosely's own statement, that the idea was suggested to him by the success of the engineers from the United States whom he had known in South Africa, and his desire to see "what sort of country it was that was responsible for sending so many level-headed men to the Cape," Doctor Harris says:

The occasion put forward as the ground for the appointment of the commission is in itself a delicate but overwhelming piece of national flattery—in a good sense of the word "flattery." For it assumes as the most real of facts an achieved greatness of the United States in industry and commerce and seeks to find its source in a self-conscious and reasonable preparation for it on the part of our people in the education of the rising generation.

In view of such recognition manifested by the Mosely Commission, and by similar investigations and inquiries emanating from other European nations, it would seem that it rests in a peculiar sense with

XVI

this country to show how education—or rather the education of the masses—may conduce to the welfare of democratic societies under the conditions of modern industry. In order that this mission may be worthily fulfilled, it is important that we should repeatedly examine our present system and methods in the light of the criticisms that these excite in the minds of discerning and appreciative foreigners. Our school systems—for though animated by a common spirit they are as many in number as the States of the Union—are extremely flexible and may therefore be readily improved as the need is shown.

Many members of the Mosely Commission came to the opinion that the educational activity of our country arises like its industrial prosperity from the energy naturally excited by its vast natural resources. Mr. Mosely himself differed from this opinion. It is interesting to note that his personal observation deepened the impression that he had formed by contact with the American engineers in Africa. Their power of initiative seemed to him to imply some distinctive quality in their training. This idea accords also with that expressed by Doctor Harris in the analysis of our educational tendencies comprised in his review of the report of the commission already cited. (See p. 1.) With us the essential purpose of education is the preparation of all the people for the conduct of affairs. The instinctive regard for this end, as the all-important one in a democratic society, makes it the more necessary that those engaged directly in the work of education should be often reminded of the value of details, of that "thoroughness of specialization" which, as Doctor Harris observes, "has its place in reenforcing the present moment by the application of the lessons of past experience."

The recorded observations and reflections of the members of the commission relate substantially to the two lines above indicated that is, to the prevailing spirit of our institutions on the one side and on the other to the details of their internal conduct, especially the conduct of studies. Their joint report shows general approval in respect to the first of these considerations. (See Chapter II, pp. 19.) Criticism begins when the inner workings of our schools and colleges are discussed; here the different members speak as experts, sometimes indeed with a noticeable bias due to English experience, but more often from the higher standpoint of ideal excellence, for which reason their strictures deserve our most careful attention.

The open and impartial spirit in which the investigations were conducted is illustrated in the comments upon the free high schools of the United States. In general, the members of the commission were profoundly impressed by the ample opportunity which these schools offer for prolonging the period of general education and by the freedom with which our people avail themselves of the same. This provision,

ED 1905-VOL 1----2

considered in the completeness of its adjustments to varying demands, was apparently regarded as the most suggestive feature of our public school system.

With respect to the strong and the weak points in the conduct of our high schools the several reports show also very general agreement. Their average opinion is fairly represented by the citations from the report of Rev. H. B. Gray. He notes, in particular, defects in the teaching of foreign languages, ancient and modern, in contrast with the general excellence of the instruction in English, and the admirable teaching of science by the aid of "magnificent apparatus and liberality of space." (See p. 29.)

Mr. Armstrong and Mr. Fletcher, in common with several of their colleagues, call attention to the waste of time by deferring the entrance of pupils upon "the more difficult and testing subjects that belong to a secondary curriculum until they are 14 years of age."

"It is quite clear," says Mr. Fletcher, "that the American system does not solve the question of coordination. By preventing overlapping it merely ignores the difficulty, and until the difficulty is fairly met it will remain a serious impediment to really good work." (See p. 29.)

Among other subjects covered by the citations in Chapter II are manual training and business high schools and the higher institutions for technical and agricultural education.

The value of this report to ourselves is greatly enhanced by the fact that, being intended primarily for the information of English educators, its judgments are naturally expressed in comparative terms. Thus, incidentally, English standards and processes are reflected in the discussion of our own with the result that, while studying the report, it is easy to keep in mind the different conditions under which the two nations are working out problems of common interest.

#### RHODES SCHOLARSHIPS.

Chapter III, on the Rhodes scholarships, gives a brief account of the method adopted by the trustees for giving effect to the provisions of the Rhodes will, as far as it related to the United States, the measures taken by Doctor Parkin, their agent, for carrying out the plan of the trustees, and the acceptance of the opportunities offered by the will, as far as can be shown by the number of scholarships secured. The examinations for these scholarships are practically identical with that known as "responsions," usually taken soon after matriculating at Oxford. The examinations mainly consist in translations from Latin and Greek authors into English, including passages from Cicero, Cæsar, Horace, Virgil, and Livy in Latin, and Homer, Demosthenes, Euripides, Sophocles, Plato, and Xenophon

#### XVIII

#### THE COMMISSIONER'S INTRODUCTION.

in Greek. There were, besides, a translation of an English passage of considerable length into Latin, questions in Greek and Latin grammar, and a number of arithmetical, geometrical, and algebraical problems. That so many candidates were able to pass successfully the classical examination of the character shown in the list of passages here published is creditable to their scholarship, and they come from nearly every State in the Union, the new as well as the older portions of the country being now represented in the colleges of Oxford. A list of the names of the successful candidates for the scholarships of 1904 and 1905 is given, together with the States they came from and the colleges to which they were assigned at Oxford.

#### EDUCATION IN FRANCE.

Chapter IV, relating to education in France, brings the record of that department of public affairs to the close of a period which has been marked by the struggle between church and state for its control. The Falloux law of March 15, 1850, which received the sanction of Louis Napoleon during the brief period of the Second Republic, established the principle of liberty of teaching (enseignement libre) and thus enabled the church, or more especially the religious associations (brotherhoods and sisterhoods), to regain the position wrested from them by the revolution of 1789.

The influence of the clerical teachers has been viewed with distrust and apprehension by the Republic, which by the laws of July 1, 1901, and July 8, 1904, subjecting the associations to civil control, virtually ended the advantages secured to them by the law of 1850.

Chapter IV shows how the organization and centralized power of the system of public instruction have rendered it an efficient instrument for accomplishing the purposes of the Government in regard to this matter. The main features of the system are derived from the university system of Napoleon, which resembled very closely the organization of the Roman Church. The relative strength of the two forces in the educational domain, namely, the state and the church, at different times, is indicated by the tables of comparative statistics presented with explanatory context in Chapter IV.

It will be seen by reference to Tables II and III (pp. 61, 62), that the proportion of pupils enrolled in primary schools belonging to the religious orders, which reached its maximum, 44 per cent, in 1877, just before the present Republic began its active work in education, has steadily declined under the pressure of Government measures, falling to 20 per cent in 1902. The proportion of teachers in public primary schools belonging to the religious orders also declined, especially after the passage of the law of 1886 providing for their gradual exclusion from the public service. By 1902 there were no men teachers of this class in public schools and only 10 per cent of women teachers; but meanwhile there was an increase of clerical teachers in the private primary schools, the proportion of such teachers in 1902 being for men 89 per cent of the total and for women 87 per cent. (See Tables V and VI.) The significance of this fact lies in the close relation of the private schools to the church authorities.

It will be seen further by reference to Table XV (p. 77) that the number of students in the classical colleges under the control of the religious orders steadily increased from 1887 to 1901; in the latter year they registered 13,000 more students than the State lycées. This constant extension of clerical influences in the education of the young explains, in great measure, the present attitude of the Government toward the powerful congregations or religious orders. It is a matter deeply involved with the whole political movement and social life of France, and therefore all facts pertaining to it assume a universal interest.

Although the political and administrative policies pertaining to the system of public instruction in France have been the objects of chief attention on the part of the Government for nearly two decades (dating from the law of 1886), there has been during the time great and significant progress in the treatment of professional problems. The provision made in the organized system for guarding these interests from sudden and capricious changes, as explained in Chapter IV, is one of the most instructive lessons that France offers to the world. In particular, the influence of the superior council of education is seen in the recent formation of a permanent consultative committee in the English department of education, which, like the ''comité consultatif,'' advisory to the French minister of public instruction, secures for the service of national education the counsels of men and women of large experience and recognized distinction in this special field of activity.

Guided thus by opinion formed with great deliberation, and with due regard to the views of the professional corps affected, changes of great moment have been recently accomplished in the curriculum of secondary schools (classical lycées) of France, as explained in Chapter IV (pp. 77-78); the universities have also been, transformed from professional faculties in the State system to corporate bodies with independent powers. The effect of this change in stimulating local support for the universities and in promoting special courses of instruction in the sciences applicable to local industries is already seen in increased attendance upon the provincial universities. In 1887 the University of Paris attracted more than half the whole body of students in France; in 1905, although the registration in the former had increased by more than one-third, the proportion of its students had fallen to two-fifths of the total number registered in all the universities. (See Table XVII, p. 81.)

Efforts for the continued instruction of the laboring classes after the school age is past, and for exercising a restraining and helpful influence over the young suddenly removed from school control, have grown to large proportions in France, as shown in the chapter here considered. Although due generally to private initiative, these efforts receive encouragement and support from the Government.

The tendency in France to bring every activity pertaining to education under Government control or regulation is strikingly shown by the gradual organization of technical and industrial education under the charge of the minister of commerce and industry, the minister of agriculture, etc. This division of responsibility in respect to the various departments of education has not, however, proved altogether satisfactory. It tends to produce confused classification, duplication of agencies, and waste of resources. The proposition to concentrate the entire educational work of the Government under one ministry recently laid before the Chamber of Deputies, as explained in Chapter IV (p. 83), is supported on both economic and professional grounds.

The appropriation of the central Government for the current expenses of education, under the charge of the minister of public instruction, amounted in 1905 to \$47,400,000. The appropriation to other ministers for the same service would raise the total to above \$50,500,000. In 1902, the latest year for which complete financial reports have been made, the cost of primary education alone to the State and local authorities exceeded 238,000,000 francs (\$47,600,000). Compared with the expenditure from public funds for the same service in 1877, viz, 89,500,000 francs, the later expenditure shows an increase of nearly 170 per cent in twenty-five years.

#### TEACHING OF AGRICULTURE IN FRANCE.

The importance of agriculture in a country like France, where the greater proportion of the people are engaged in its pursuit, and the cultivated lands are chiefly in the hands of small owners, has been distinctly recognized in all plans for the promotion of popular and industrial education, whether formulated by the Government or proposed by the leaders of public opinion, from the revolution of 1789 to the present time. This recognition, combined with the philosophical spirit in which the French approach every problem of education, and the practical impulse which leads them, the moment a subject is included in the school curriculum, to consider its adaptations and determine its appropriate place and bounds, imparts special interest to the subject treated in Chapter V, namely, the teaching of agriculture in the schools of France.

As a part of the new development of education for the masses, the third Republic established schools of horticulture and agriculture as early as 1873; in 1876 the Institut National Agronomique was reopened, and in 1879 the Government programmes included the elementary principles of agriculture among the obligatory subjects of primary instruction. The classification of the subject having been thus accomplished to accord with the three grades or departments of education, its practical development was left largely to the influence of local circumstances and the scientific impulses of the age.

The course of instruction in agriculture adapted to the primary schools of France, which is given in detail in Chapter V (pp. 88–90), shows a well-developed theory of the subject in its relation to the capacities and circumstances of pupils in the rural schools. In many cases, too, the instruction has been fruitful of good results. This is especially true in respect to the normal schools for men, the course for which, schools is an expansion of that for the primary schools. (See pp. 90–91.)

Up to a recent date, however, the instruction in agriculture in primary schools has, in general, been little more than a lifeless form or a series of crude experiments in gardening. The exposition of 1900 gave occasion for renewed efforts in this direction; a school garden was maintained on the grounds throughout the entire period of the exposition, with daily demonstrations and simple lessons under the direction of the able inspector-general, M. Leblanc. This object lesson excited the enthusiasm of visiting teachers and pupils from all parts of the country and has given new impulse to the teaching of agriculture, even in districts remote from the capital.

The schools and institutions in France for teaching practical agriculture or for promoting its scientific development are classified in two groups—higher and secondary. (See p. 92.)

To the latter class belong the schools of agriculture, horticulture, and dairy work which have been established in various parts of the country. In some respects these schools are comparable to the agricultural colleges of our own country, or rather to the technical departments of those colleges by which they are differentiated from the older classical colleges. The French schools, however, are more narrowly specialized, and on the academic side limit their training to modern languages, literature, science, mathematics, and drawing.

The National Agronomic Institute, of which an extended account is given in Chapter V, illustrates the scope and significance of science in its applications to agriculture and the purpose of the Government to bring to the service of this fundamental industry all the resources of modern research applicable to the subject.

The references in Chapter V to the well-known report of Mr. Brereton embodying the results of his investigation of the rural schools of northwest France  $^{a}$  bring to view the marked differences between the

<sup>&</sup>lt;sup>a</sup> The Rural Schools of Northwest France, by Mr. Cloudesley Brereton, M. A., L.ès-Lettres, vice-president of the jury on primary education at the Paris Exposition, 1900, special reports on educational subjects, published by the board of education, vol. 7.

conditions surrounding rural schools in his own country and in France, by which contrasts the author emphasizes the importance of adapting theories and methods of industrial training to local conditions. Chapter V also includes a brief outline of the scheme of agricultural education in Belgium, showing plainly the influence of French precedents. In Belgium conditions have been more favorable than in France for the practical development of the subject in the primary schools.

#### EDUCATION OF BUSINESS MEN IN GERMANY.

Chapter VI contains an account of higher education for business men in America, given by Dr. J. Jastrow, private docent in the University of Berlin. Sent by the chamber of commerce of that city to investigate our American manner of preparing young men for business life, he examined not only our business schools, but also the colleges, and attempted to arrive at a clear comprehension of the character of our college education. The author's report abounds in evidence of shrewd observation, in clear statements, and fair comparisons between German and American educational institutions. He was subsequently called to be the head of a commercial college established by enterprising Berlin merchants and industrial men. In his book, entitled "Bericht über eine volkswirthschaftliche Studienreise durch Nord-Amerika," he devoted a chapter exclusively to education and showed the principle underlying all American educational institutions, namely, that specialization, in this case commercial specialization, should never be separated from general education, and especially should not precede it; that the commercial student should not, as is done in Germany, go through a period of apprenticeship, but continue the course of his secondary and college work, and then enter the countinghouse. In other words, he finds that the American does not, early in life, predestine his career, but works ahead in laying the foundation of his education, and thus prepares himself for a variety of pursuits. This gives the American merchant a social standing which the German merchant ordinarily can not claim and does not obtain. The author enters into an analysis of the work and methods of specifically commercial higher institutions in his country, and points out their undoubted merits, as well as the weaknesses of minor institutions which are great in name only. His admiration for the fact that in America the merchant is socially the equal of the professional man is outspoken, and he accounts for it by his having acquired a college education. He is particularly felicitous in comparing the historical background of the German with that of American professional preparation. In describing the various departments of a commercial activity, he lays much stress on the importance of the business of transportation, and shows the value of a general, all-sided preparation for that business. He notices also the happy co-operation

XXIII

of the specifically business college with actual life, and with its representatives, who are called upon to contribute the results of their experience and gladly give it from the rostrum and in the press. The democratic spirit in our higher seats of learning, among other more vital things, charmed him. He arrives at the truth, well attested in the history of education, that no nation can minutely copy another's course of development, but that each one must go its own way, while keeping in mind fundamental principles common to all.

#### EDUCATION IN LIBERIA.

The account of education in Liberia in Chapter VII was prepared by Mr. George W. Ellis, the U. S. secretary of legation at Monrovia, Liberia. Mr. Ellis first remarks upon the growing disposition of the civilized countries to exploit the Tropics, and points out the importance of West Africa, and in particular of Liberia, on account of the actual natural productions and the possibilities of that country. As to government, Liberia is an independent negro republic, with a population of 1,500,000, of whom 25,000 are emigrants from the United States and their descendants. "Planted by the American Colonization Society in 1820, Liberia declared its independence in 1847. In language and institutions the Liberians are strongly attached to the United States. Their efforts to educate themselves and to assimilate their native brethren ought, therefore, to be of interest to the American people."

There are three separate systems of education in Liberia, one maintained by the Methodist Episcopal Church of the United States, another by the American Protestant Episcopal Church, and a third by the Liberian Government. The schools of the first are scattered throughout the country and are 26 in number, with 43 teachers and 932 pupils. This includes the College of West Africa, at Monrovia, with 119 students and 8 teachers, and a seminary with 110 students and 3 teachers. About 50 per cent of the students in the schools are native Africans. The schools of this missionary society date from 1833. The total appropriation of the Liberian mission is now only \$13,000, out of which the teachers are paid. They are generally Liberians and receive only about \$75 per annum, not as a salary, but as a contribution, while they look to some other occupation for their main support. The salaries at the college and seminary range from \$300 to \$1,000 per annum.

The Protestant Episcopal schools date from 1834. They comprise four principal schools, one of which includes a collegiate department and a divinity school for young men, and three are schools for girls. The rest are parish schools, which are grouped about these larger institutions. In all there were 50 schools and 1,490 scholars in 1904, of whom 73.5 per cent were native Africans. The entire system is

XXIV

under the supervision of a bishop, resident in Liberia. The salaries of the teachers of the parish schools range from \$150 to \$300 per annum, the total appropriation of the Protestant Episcopal Church for Liberia being \$40,000.

The Government schools are administered by a superintendent of public instruction and a bureau of education. In 1903-4 they numbered 100, with 100 teachers and an attendance of 3,221, of whom 803, or 24.9 per cent, were native Africans. From 1900 to 1904 the annual appropriation for schools increased from \$18,650 to \$24,250, the last year's appropriation showing an expenditure of \$7.17 per pupil.

Liberia College is attended by both young men and young women students. Its attendance in 1904 in the college department was 25 men and 15 women. There are four departments in all, preparatory, collegiate, law, and industrial, with a tota! attendance of 120 and 12 professors. The funds for the support of Liberia College came mainly from the Boston Board of Trustees until 1890, when the institution was taken in charge by the Republic of Liberia. Since 1900 the total expenditure has amounted to \$97,188.48.

Besides the school systems just mentioned the Baptists maintain 3 schools and the Lutherans 6, the latter with 144 pupils (all native Africans) and 11 teachers.

Industrial training was introduced into Liberia through the mission schools. Students are now taught building, carpentry, masonry, brick-making, farming, and the cultivation of cotton, ginger, and rubber. Some also learn printing, and the girls domestic economy, housekeeping, dressmaking, and fancy work.

#### CONGRESS FOR THE REPRODUCTION OF MANUSCRIPTS.

Chapter VIII pertains to the congress for the reproduction of manuscripts, coins, and seals, held in Liége, August 21 to 23, 1905, in connection with the International Exposition of that year. It was prepared by Professor Charles Mills Gayley, of the University of California, a delegate from the United States to the congress, and well known both in this country and in Europe for his efforts to devise means of securing, for the use of American students, facsimiles of rare manuscripts and books, which are at present wholly inaccessible to investigators on this side the Atlantic.

The special needs of American students in this respect reinforced the arguments in support of international action in the matter which appeal more directly to European advocates of measures proposed for this purpose. The latter, as a rule, are more deeply impressed with the importance of duplications of the precious records of the past, now guarded in libraries, official archives, museums, etc., as a means of preventing their utter loss by decay, mutilation, theft, or other destructive agencies.

The subject is one of long-standing interest, as is illustrated by the fact noted by Professor Gayley in his report, that three centuries ago the first attempt at manuscript reproduction was made in Belgium by one of the founders of the society of "Bollandists," which was ably represented in the present congress.

Up to the time that the Belgian Government issued the call for the Liége congress efforts to excite interest in the general subject to which it pertained had been confined almost wholly to scientific societies and individual scholars, professors, and librarians, who were constantly reminded of its importance by their own pursuits and experiences. The review of these efforts by Professor Bergmans, assistant librarian in the University of Gand, was one of the most interesting papers presented before the congress.

The results of these efforts were apparent from the great number of eminent men participating in the congress and the thorough manner in which the various phases of the subject—the history of the reproductions already accomplished, the processes employed, plans for the indefinite multiplication of copies and for effecting exchanges, were presented.

It is evident that a scientific work of the extent proposed, affecting also valuable properties belonging to governments as well as to institutions and individuals, can not be accomplished without the cooperation of governments themselves and the aid either of public appropriations or of princely endowments and bequests.

Reference is made in the report to the appeal made to the French Chamber of Deputies, in February, 1904, for a special appropriation of 100,000 francs (\$20,000) to be placed at the disposal of the minister of public instruction for the photographic reproduction of the principal manuscripts preserved in the great libraries and national museums of France.

The plan submitted by Professor Gayley for the formation of an international bureau for the general direction of the work of selecting, reproducing, and distributing rare and valuable manuscripts, was presented in detail and received the general approval of members of the congress. The active participation of the official delegates from the United States in the deliberations of the congress increased the hope that this country may make some substantial contribution to a work of ever-growing importance to scholars and historians and to men charged with diplomatic missions.

A practical outcome of the conferences was the designation of a permanent international committee to further the proposed objects. The committee includes, for the United States, Professor Gayley and Dr. Herbert Putnam, Librarian of Congress.

#### XXVI

#### NEW YORK SECONDARY SCHOOL SYSTEM.

In Chapter IX is reprinted an address of Andrew S. Draper, New York commissioner of education, delivered at Syracuse, December 28, 1904, on the New York secondary school system. The high place which this State system, operating under the corporate name of the University of the State of New York, occupies among American institutions, and its large influence upon educational development throughout the country, give additional value to this intrinsically serviceable paper. The evolution of the modern public high school up through the grammar school of colonial times and its successor, the academy of the post-Revolution period, progressively choosing the best and eliminating the least serviceable features, forms an everinteresting phase of educational history. New York's chief contribution to the development of the principle of public education has been undoubtedly to the field of secondary education. The relation, past and present, of the New York system to this branch of instruction is highly instructive, according as it does with the best American ideals, and fostering as it does the principle of self-help, local selfrespect, and community initiative in educational affairs. The movement for good secondary schools in New York was almost simultaneous with statehood, and the State's interest in such schools and its influence in their upbuilding has been exerted with great constancy and excellent effect. State aid here first took the form of subsidies to chartered academies, and such subsidies were increased with the growth of the literature fund, created in 1813. It must be understood, however, that the State has never aimed at complete control, nor at complete support of high schools, but rather at affording intelligent and needed assistance at the proper time and place, and at giving such stimuli to local activity as would cause the growth among individual communities of an increasing, persisting, and virile interest in this type of education. The policy thus pursued has resulted in a system of great flexibility and in a healthy public interest in these schools.

#### ART AND INDUSTRY.

The influence of art education upon the industrial development of our country is the topic treated, in Chapter X, by Halsey Cooley Ives, director of the art exhibits at the universal expositions held at Chicago in 1893 and St. Louis in 1904. Mr. Ives states that he has in this chapter brought together, for the consideration of practical men, some of the more practical suggestions for the advancement of art education. He lays down at the outset as general principles that truth is more naturally and effectively impressed upon the mind through the medium of pictorial representation than through presenting a mass of facts to be laboriously digested; and that the study of nature through art develops progressively the power of observation.

The growth of a love of art among the wealthier classes has been of late years quite rapid, but the application of art to the products of industry has until recently received comparatively little attention. Much has been said and written about industrial art, but little done. The institutions engaged in work in this direction are few in number. Yet the purpose of art education is not alone to add to the means of enjoyment of the few who are rich; it should aim as well to give greater value to the products of the workingman and to contribute to the elevating of American industries as a whole and the enrichment of the life of the people. The application of artistic knowledge in industrial callings must be developed. It is not desired that the potter or the cabinetmaker should model statues or paint pictures, but that each object for common use that either makes should be beautiful in form and workmanship. "Every normal person prefers between two articles of household utility equally suited for their mechanical purpose the one which is beautiful rather than the one which is ugly." The appreciation of art is universal, and our art institutions, as they become enabled through more abundant resources to increase their activities, will constantly tend to occupy a broader field.

In Mr. Ives's opinion, the extension of the activities of art museums in new directions is the branch of educational work in art which promises most for the future. In order to influence directly the great mass of people, the art school and the museum should work in unison, and their activities should be amplified and extended. The popular mind conceives of a museum to-day as a place for the exhibition of curiosities; it should become rather a great educational center, from which enlightenment concerning art can be transmitted to every individual within the reach of its influence, to all manner of workers This seems to be the direction as well as to artists and art students. in which our museums are moving to-day. Various means are proposed to bring this about, such as lectures in the galleries, designed to give visiting students a general understanding of the works on exhibition; teachers, to guide students wisely in developing their artistic capabilities; class rooms, where books of reference, methods, and objects may be considered in greater detail and more intimately than in a public gallery; the extension of active practical work into the schools and the homes of the people.

The work of art museums and art schools has been handicapped in some degree through popular misconception of what is comprehended under the term "art," as if it were something apart from and had no application to ordinary life. The general public has consequently had no proper understanding of these institutions, perhaps has been to some extent prepossessed against them. To a person who looks upon an art school as only a place where pretty things are studied or

#### XXVIII

made, it comes as a surprise to learn how much his household furniture and the objects and utensils he daily makes use of are indebted to the artistic sense of the persons who designed them for whatever beauty of form or adaptation to end they may possess.

For the lack of any proper comprehension of art on the part of the people at large, Mr. Ives holds many of our so-called art schools to a great extent responsible. "They have slighted the applied arts, looked down upon the craftsman," and "have trained a multitude of eager students to only paint pictures that few men want and fewer buy;" they have held themselves aloof from the many. This is not the case in countries where art is taught in the proper spirit, and should not be so here.

A strong plea is made for more art in our common schools, as being what is needed, rather than more art schools. Only by giving one generation of school children art instruction through the whole common school course can a proper foundation for a general appreciation of art be laid. The school museum of art is one of the principal agencies to this end that Mr. Ives suggests. The children should not be trained as artists, but taught to appreciate beauty, and in some degree to produce it.

An account is given of the museum extension undertaken some years ago by the St. Louis School and Museum. This work took the form of circulating collections of reproductions of masterpieces, by means of which opportunity to study art was placed before thousands who could not travel to the museum. These collections were circulated for years throughout the West, being exhibited in schoolhouses and halls, and lectures were given which the exhibits served to illustrate.

Notice should be taken of the special Saturday and holiday classes conducted by certain art schools and museums for the benefit of public school teachers, in connection with which special collections have been installed. The Brooklyn Institute of Arts and Sciences has done good work of this character. Special lectures and classes for workingmen constitute another feature of the attempt to popularize art. Sunday morning lectures for mechanics in the galleries of the St. Louis Museum, "the objects of applied arts being used for illustration, have been well attended and influential in improving local standards of workmanship in certain directions, notably in wrought-iron work."

That the introduction of these various forms of art educational work may have a beneficial effect upon the industries of a nation is well attested by the experience of other countries. The practical results of the English system, having its center at the well-known South Kensington Museum, have served to stimulate efforts in this direction over a large part of the continent of Europe, which have been attended with such success that Germany, Belgium, and Holland have reaped rich rewards through the practical application of the principles of art in designing industrial objects of every character.

Mr. Ives classifies institutions and other agencies for art education in the United States under five heads, as follows:

1. Museums or galleries of art apart from art schools, for the display of works of art to visitors.

2. Schools of instruction apart from museums or galleries, where technical instruction is given to professional students.

3. Museums combined with schools. In these instruction is given not only to regular students, but to the public, by lectures before the objects. The Art Museum and Museum School of Boston are cited as examples.

4. A fourth type, and one which is perhaps the most effective, is the combined school and museum established as an integral part of a liberal university. The Yale Art School, the art department of Syracuse University, and the St. Louis School and Museum of Art are of this class.

5. In a fifth group are included societies, clubs, and other organized agencies which work for art education.

It is in the West that there has been the greatest development of the system of combining in one institution the educational work for the general public and that for students. The Chicago Art Institute, which is conducted on this system, is mentioned as having especially influenced the people of its home city and the neighboring country.

The great progress which has been made in recent times in utilizing the forces of nature in the service of man has given rise to a multitude of new machines, tools, utensils, and objects of all kinds which have been designed primarily from a purely mechanical point of view. It is the study of art educators of the present day to give to all these productions whatever added value may be attached to them from being objects of beauty as well as of utility. - "I can not see," says Mr. Ives, "why the harvesting machine need in itself be a less interesting or beautiful thing than the reaper's sickle" which it has supplanted. He explains how William Morris and his collaborators were dominated by a similar thought when they effected in England the industrial revolution which has had so great an influence on this country, as well as Europe. Cardinal Wiseman contributed to the same movement in his epoch-making lecture of some fifty years ago, in which he endeavored to show that the arts of design and the arts of production are inseparably connected.

That art plays an important part in promoting industrial development is strikingly illustrated in the case of France, and in the even more notable industrial advance of Germany. The great national prosperity of France was attributed by a German minister of commerce to the instruction given in trade and other schools and applied

XXX

### THE COMMISSIONER'S INTRODUCTION.

by their students to industrial production, and it was due largely to his initiative that a similar system was introduced into Germany, with results that are a matter of common knowledge. The "Bank of England chair" and the Morris patterns for fabrics also furnish illustrations of the influence of art upon industrial production. For further evidence Mr. Ives quotes examples from a paper entitled "Art education the true industrial education," by the Honorable W. T. Harris, who emphasizes in particular the change that was wrought in the manufacturing industry of England by transforming the workman from an artisan pure and simple into an artist.

#### CURRENT TOPICS.

Chapter XI contains summarized statements on certain subjects of current interest which are discussed from year to year in the Commissioner's Annual Report. The table giving the statutory provisions of the various States relating to compulsory school attendance and child labor has been revised so as to embody recent legislation, including two comprehensive measures of importance, viz., the child-labor laws of Georgia and Iowa. In Georgia it is forbidden after August 1, 1906, to employ children under 10 years of age in any manufacturing establishment under any circumstances. On the 1st of January, 1907, this limit will be raised to 12 years, except in certain specified cases where the earnings of a child are needed for his own or his parents' support. Moreover, after January 1, 1908, a specified degree of education or length of school attendance will be exacted up to the age of 18 as a condition of employment. The Iowa law is more comprehensive and forbids the employment of children under 14 in mines, manufacturing establishments, shops, laundries, elevators, etc. Both of these laws, in addition, restrict the hours of labor of children. Kentucky and New York have, by amplifying the provisions of existing laws, further restricted the labor of children, and Massachusetts has prescribed a standard for those who are required to be able to read and write as a condition of employment.

In the District of Columbia the annual period of required school attendance has been extended so as to include the full school term. Of the 36 States and Territories now having compulsory-attendance laws, 25 require the children subject to them to attend whenever the schools are in session, and in one other (Kentucky) this provision is in force in cities. The practice of requiring attendance through the entire school term has grown up within a very few years and bids fair to become in time the settled policy of all the States having compulsory-attendance laws.

From the statistics relating to religious exercises in the public schools, in the same chapter, it appears that out of 1,098 cities reported religious exercises are forbidden in 162 and permitted in 936; such

XXXI

exercises are actually conducted in 830, or something more than threefourths of the whole; and in 818 the exercises include reading from the Bible. It is interesting to observe to how much greater a degree this custom prevails in the Eastern as compared with the Central and Western States. In the two eastern divisions (North and South Atlantic) religious exercises are conducted in 478 out of 528 cities, or 90.5 per cent; in the North and South Central and Western divisions in 352 out of 570 cities, or 61.7 per cent. In the Western division alone, the percentage is only 13.6. In the same division religious exercises are specifically prohibited in 49 cities out of 66, or about three-fourths.

The table in Chapter XI, giving an abstract of the regulations relating to corporal punishment in cities of 100,000 inhabitants and over, is worthy of notice. Of the 39 cities included in this table corporal punishment is unqualifiedly forbidden in 9, is confined to grades below the high school in 4 others, and is forbidden in the case of girls in 3. In those cities in which it is at all tolerated it may be inflicted only under special circumstances, and the practice of it is so hedged about with precautionary measures that it is probably resorted to but rarely.

### INSTRUCTION IN FORESTRY.

With the adoption of a more settled policy of forest preservation on the part of the National Government and of the State governments, there has arisen the need of a body of trained experts in the scientific administration of forest reservations. This want a considerable number of higher institutions have from time to time endeavored to meet by the extension of their curricula so as to include some instruction in forestry or by the establishment of special forestry courses. A list of these institutions is given in Chapter XII, together with the number of years occupied by the course in each case and the time devoted to the different branches of the subject. Of the 44 institutions in which instruction in forestry is given, a large majority-37 in all-are agricultural and mechanical colleges established under the land-grant act of 1862. In most of these the instruction is given in connection with existing courses in agriculture or horticulture; there are 6 institutions, however-5 State universities and 1 agricultural college-that have full four-year undergraduate courses in forestry, and 2, Yale University and the University of Michigan, have graduate courses for advanced students who have had a thorough preparatory training in the underlying sciences. As a result of the efforts of these institutions, there should soon be available for the service of the Federal and State governments and of private corporations an adequate number of trained foresters, such as have long existed in Germany and France, skilled in forest management and in utilizing our forest resources to the best advantage.

#### XXXII

# THE AMERICAN SYSTEM OF AGRICULTURAL EDUCATION.

Chapter XII also contains a brief but comprehensive statement of the different agencies which collectively form what may be termed the "American system of agricultural education and research." This statement has been prepared by Dr. A. C. True, director of the Office of Experiment Stations of the United States Department of Agriculture.

Following the historical sketch which prefaces the paper, the various classes of instrumentalities and institutions which provide agricultural education are taken up in turn, beginning with the Department of Agriculture and the agricultural experiment stations, which Doctor True places at the head of the system. These constitute, so to speak, the university department for advanced study and the discovery and dissemination of new truths. Next in order come the agricultural colleges, mostly endowed with the national grant of lands, and nearly all having a course of four years or more. These vary much in their courses and entrance requirements. In some cases students are admitted directly from the elementary schools. The tendency, however, is to raise the standard of entrance to the level of that of the liberal courses in high-grade colleges. As the number of students and the income of these institutions increase, the tendency to differentiate and to offer groups of electives shows itself, resulting in the organization of special faculties and of courses in horticulture, animal industry, etc. Short and special courses are also offered by 44 of these institutions to students who are unable to complete a full college course.

The agricultural high school forms Doctor True's third class, and he reviews briefly the institutions of this grade existing at the date of his writing. The system of Alabama is especially noteworthy. The movement for the establishment of central (county or township) high schools, in which agricultural education is to be a prominent feature, is very definitely pronounced, especially in the South and West, and the future of these institutions is full of promise.

In the elementary schools, agricultural education appears under a variety of aspects, which are briefly noted in the paper under consideration. They may be classed under the heads of nature study, school-garden work (including the ornamentation of school grounds and houses), lecture courses, etc.

# EDUCATIONAL REFORM IN CHINA.

The fundamental transformation which the whole educational system of China is now undergoing furnishes a valuable study in the development of human institutions. We see here an elaborate and artificial mechanism for mental and moral training, which has come

ED 1905-VOL 1-----3

was later transferred to Tanana and loaned to the Episcopal Mission Society.

A second herd of 300 reindeer, under the supervision of Mr. Hedley E. Redmyer, was started from Bethel, on the Kuskokwim River, for Copper Center, 600 miles distant. Failing to find the passes through the mountain range which intervened between Bethel and Copper Center, Mr. Redmyer followed down the west base of the mountains to Lake Iliamna, where, with the approval of the Commissioner of Education, he established a new station.

During the year a loan of 100 head of reindeer was made to the Friends' Mission Society at Deering, on the north side of Seward Peninsula, and a former loan of 100 reindeer was returned to the Government by the Norwegian Evangelical Synod from its station at Teller.

In the spring of 1905, 2,978 living fawns were born in the herds.

During the year the trained reindeer were used to a limited extent in carrying the United States mail and in hauling freight for the miners.

The success of reindeer in Alaska has attracted the attention of Sir William MacGregor, governor-general of Newfoundland, and official inquiries have been received from the Hon. J. J. Woods, postmaster-general of Newfoundland, with regard to the practicability of securing reindeer for transportation purposes in northern Newfoundland and Labrador.

### EDUCATION IN PORTO RICO.

The account of education in Porto Rico in Chapter XV was prepared by Samuel McCune Lindsay, Ph. D., professor of sociology in the University of Pennsylvania and commissioner of education in Porto Rico from 1902 to 1904. Doctor Lindsay gives a résumé of the social and educational condition of Porto Rico before the American occupation, including the illiteracy, school population and attendance, and a brief history of the efforts of the military authorities to organize a new system. He takes occasion to show that the hopeless view of the educational and moral situation of the population taken by General Davis has been contradicted by results. The apathy of the general population toward the schools remarked by General Davis has disappeared, and a general change of sentiment in that respect as well as an awakening of ambition for social improvement have been effected.

When the civil government replaced the military in 1900, there had been an attendance of 20,103 pupils out of an enrollment of 28,969, the number of children of school age being in 1899 over 322,000. Doctor Lindsay traces the growth of the educational system, chieffy of the primary school grade, from the advent of the civil government

### XXXVI

to 1903-4, at which time the population was 1,012,775, the school population 393,786, the number of teachers 1,204 including 139 Americans, the total enrollment 61,168, and average daily attendance 41,798. The schools numbered 1,073. The language of instruction remains Spanish, although English is taught in every graded school. Besides this instruction in the English language as a subject of study, a number of schools have been established in the large towns in response to a demand of the people, in which all the subjects are taught in English. There are now 50 such schools which have been established gradually and only in consequence of a growing demand of the inhabitants, who thus manifest a desire to have their children know English.

Besides the primary schools, secondary and special schools have been established. They include besides high schools, industrial, rural, agricultural, and night schools, and a normal school.

On March 12, 1903, the legislature of Porto Rico passed a law establishing a university, having in mind the need of professional schools for the island. The act provides for an agricultural department of this university. The work of such a department is of supreme importance to the agricultural interests of the island.

Doctor Lindsay reviews the work of the Porto Rican and American teachers, the provision for Porto Rican students in the United States, the history of the insular legislation for education in Porto Rico, and concludes with the outlook for the future of education on the island judging from five years' experience.

### EDUCATION IN THE PHILIPPINES.

The account of education in the Philippines in Chapter XVI is, as heretofore, mainly confined to the American school system, since no reports of the Spanish schools or of the ancient university of Santo Tomas at Manila have been received from educational authorities. The account consists of extracts from the report of the general superintendent of education of the Philippine Islands for 1904, illustrating the growth and tendency of the American system of education in the islands.

The annual expenditure of the insular government for the bureau of education increased from \$233,411 in 1901 to \$1,244,096 in 1904. The total amount expended since July, 1901, was \$3,839,040, about two-thirds of which was expended for the salaries of American teachers and superintendents. The municipalities expended \$508,151.96 in the same time. The total number of children between 6 and 14 years of age is reckoned at 1,200,000, and the intention is to give this number a primary course of education. Allowing three years as a period sufficient to give the bare essentials of such an education, the result can be accomplished by providing for 400,000 children at a time, and this is the object aimed at by the insular bureau of education. The number of pupils actually enrolled in July, 1904, was 263,974. The country is organized into school districts, each in charge of an American supervisor. There are 700 American teachers for the 629 municipalities, and 3,195 Filipino teachers, these latter being paid not by the bureau of education but by the municipalities. These Filipino teachers have been industriously trained, at first by the American teachers individually, and afterwards in normal institutes. Primary instruction is now conducted entirely in English, and even the conversation in the class rooms is in English.

Prescribed and uniform courses of instruction are issued by the general superintendent. In the course of studies emphasis is laid upon "science studies," with a view to their practical use. The example of the Japanese is followed in this respect. The Filipinos are regarded as lacking in exactness, which a training in science is expected to correct.

Secondary or provincial schools have been organized in 35 provinces, the course in which is to correspond nearly with that of the American high school, except that the classics are practically eliminated and English literature is made to take their place. The normal school, the special schools of arts and trades, and the nautical school are briefly mentioned. The work of instructing the pagan tribes is energetically prosecuted.

A considerable number of secondary, private, and religious schools are reported in the census of the islands taken in 1903. They were attended by 14,011 students. There were 436 students at the university at the same time.

A matter of much interest is the plan to send Filipino students to the United States. This practice, which was probably suggested by the visit of Cuban teachers to this country and was inaugurated by the legislature of Porto Rico, was taken up by the Philippine Commission and authorized by the act of August 26, 1903. Under the provisions of this act 100 students were selected and sent to the United States at the expense of the insular government. They were distributed at various institutions throughout the country.

An account of the actual experiences of an American teacher, giving a vivid picture of the life of the people, with some views of their ethnology, is afforded by the notes of Robert B. Vaile, an American teacher in the schools of the Philippine Islands, which close the chapter.

## CITY SCHOOL SYSTEMS.

The statistics of city schools are presented in Chapter XIX in 14 tables, 7 of which are devoted to summaries. The field of inquiry covered by these 14 tables embraces (1) the scholastic and financial

status of systems of schools in cities of 8,000 population and upward; (2) the same of schools in cities and villages of a population between 4,000 and 8,000; (3) statistics of evening schools in cities of 8,000 and upward; (4) statistics of kindergartens in cities and villages of 4,000 population and upward.

In the following table the leading items are compared with those of the previous year. An examination of this table shows two significant facts which confirm well-known tendencies. The first of these is that school expenditures have increased at a much greater ratio than enrollment; and the second, that expenditure for tuition (salaries of teachers and supervising officers) has increased at a ratio exceeding that of increase in number of officers and teachers. The unmistakable trend is toward increased salaries for teachers. Fiftysix of the 175 cities of a population of 25,000 and upward whose schedules were reported in the report of the committee on salaries, tenure, and pensions (N. E. A., 1905) have amended their schedules since the collection of material for that report. The details of these changes are given in the chapter on current topics.

Summary of statistics of cities containing over 8,000 inhabitants, showing increase from previous year.

-	1903-4.	1904-5.	Increase.	Increase per cent.
Number of city school systems. Enrollment. Average daily attendance. Average daily attendance. Enrollment in private and parochial schools. Male supervising officers. Female supervising officers. Whole number of supervising officers. Number of male teachers. Number of female teachers.	$588 \\ 4,374,463 \\ 630,662,688 \\ 3,354,806 \\ 187.9 \\ 1,006,552 \\ 2,799 \\ 2,820 \\ 5,619 \\ 7,289 \\ 89,335 \\ \end{cases}$	$\begin{array}{c} 4,506,678\\651,970,275\\3,434,323\\189,8\\1,012,380\\2,811\\2,918\\5,729\\7,769\\92,417\end{array}$	$\begin{array}{c} 132,215\\ 21,307,587\\ 79,517\\ 1.9\\ 5,828\\ 12\\ 98\\ 110\\ 480\\ 3,082 \end{array}$	$\begin{array}{c} 2.01 \\ 1.00 \\ .58 \\ .42 \\ 3.04 \\ 1.90 \\ 6.59 \\ 3.44 \end{array}$
Whole number of teachers	96,624 10,069 4,151,938 \$410,326,526 \$74,332,482	$100,186 \\ 10,179 \\ 4,314,319 \\ $424,859,805 \\ $78,328,420 \\ \end{tabular}$	110 162,381 \$14,533,279	3.69 1.10 3.9 3.5 5.3
Expenditure for tuition. Total expenditure.	\$14,352,482 \$129,836,203	\$139,417,318	\$9,581,115	7.8

UNIVERSITIES, COLLEGES, AND TECHNOLOGICAL SCHOOLS.

Chapter XX exhibits the statistics of 619 institutions reporting to this Bureau in 1905. There were 453 universities and colleges classed as colleges of liberal arts, 322 being open to both men and women and 131 to men only. These institutions grant the B. A. as well as other first degrees and are known as the "B. A. colleges." There were 44 schools of technology, known as the "B. S. colleges." They do not grant the B. A. degree. Of these, 22 are open to both men and women. There were 122 institutions which admit women only. For convenience in the classification of statistics these are subdivided, according to the past usage of this Bureau, into Division A and Division B. In all departments of the 619 institutions there were 22,613 professors and instructors, 18,221 men and 4,392 women. The number in undergraduate departments was 14,251, the number of men being 11,038 and women 3,213. These numbers included 386 men and 1,530 women in Division B of colleges for women who were not classified as to departments.

Not including the 107 colleges for women, Division B, the remaining 512 institutions reported 126,404 students in the undergraduate and resident graduate departments. This shows the unusually large increase of 8,375 over the preceding year. The following table shows the number of students each year since 1890:

Colleges Universities and for colleges for men Schools of techwomen. Total number. and for both nology. Division Year. sexes. Α. Women. Men. Women. Men. Women. Men. Women. 1,9792,265 2,636 3,198 3,578 2,667 8,075 1889-90 38,0566,870 707 44,926 10,761 6,370 6,131 6,131 8,616 9,517 9,467 8,587 8,907 2,01146,220 51,163 12,18513,50715,53018,098 $\begin{array}{r}
 40,089 \\
 45,032
 \end{array}$ 1890-91 9,439 10,390 481 1891-92 481 46,689 50,297 11,48913,14455,305 59,814 1892-93..... 843  $1,376 \\ 1,106$ 1893-94 13,14414,29816,74616,53617,76518,94820,4591894-95.. 52, 586 3,667 62,053 19,071 62,053 65,143 64,662 67,018 67,505 72,159 75,472 78,133 82,394 86,006 92,1611895-96.. 56,55655,7553, 910 3, 913  $1,065 \\ 1,094$ 21,72121,5431896-97.. 58,407 58,467 8,611 23,47024,8801897–98 4,416  $1,289 \\ 1,339$ 1898-99.... 9,038  $\begin{array}{r} 18,948\\ 20,452\\ 21,468\\ 22,507\\ 24,863\\ 24,413\\ 26,739 \end{array}$ 9,038 10,347 10,403 11,808 13,216 14,189  $1,339 \\1,440 \\1,151 \\1,202 \\1,124 \\1,269 \\1,199$ 1899-1900..... 61,812 4,872 26, 764 4,872 5,260 5,549 5,749 6,341 6,305 20,704 27,879 29,258 31,736 32,023 1900-1901.... 65,069 1901-2... 66, 325 1902-3... 69,178 71.817 1903-4..... 77.250 92, 161 1904–5..... 14,911 34, 243

Number of undergraduate and resident graduate students in universities, colleges, and schools of technology from 1889–90 to 1904–5.

In addition to the number of students enrolled in 1905, as shown above, there were 11,319 enrolled in the 107 colleges for women, Division B.

Resident graduate students to the number of 6,935 were reported by 229 different institutions, 2,004 of such students being women. The 619 institutions granted degrees to 13,371 men and 6,091 women. The B. A. degree was conferred on 5,650 men and 3,785 women; the B. S. degree on 3,576 men and 554 women; the Ph. B. degree on 700 men and 361 women, and the B. L. degree on 103 men and 562 women. The M. A. degree was conferred on 1,207 men and 341 women, and that of Ph. D. on 336 men and 25 women. More than 1,000 men received engineering degrees. It may be noted that the Ph. D. degree was received as an honorary degree by 12 persons.

The 619 universities and colleges and schools of technology owned property in 1905 to the value of \$514,840,412, a gain of nearly \$50,000,000 over the valuation of the preceding year. The above aggregate includes endowment funds to the amount of \$234,791,239, as compared with \$166,193,529 in 1900, or a gain of over 41 per cent in five years. The institutions had an aggregate income of \$41,775,101, an increase of \$1,445,908 over that for the preceding year. Of the entire amount, 36.9 per cent was derived from tuition and other fees, 23.6 per cent from endowment funds, 23.6 per cent from State appropriations, 6.9 per cent from Federal appropriations, and 9 per cent from miscellaneous sources. Benefactions for the year, amounting to \$16,678,952, were received by 330 institutions.

# AGRICULTURAL AND MECHANICAL COLLEGES.

These institutions, which form the subject of Chapter XXI, were established under the land-grant act of July 2, 1862. The incomeproducing funds derived from the sale of the lands granted under that act now amount to \$12,045,629, only the income of which may be expended. In addition, each State and Territory now receives annually the sum of \$25,000 from the General Government for the benefit of these institutions, under an act of Congress approved August 30, 1890. The total amount that has been paid under that act up to and including the installment for the year ending June 30, 1905, is \$16,402,000.

The total income of the institutions amounted to \$11,659,955, of which amount nearly 50 per cent was furnished by the several States and Territories, less than 20 per cent by the Federal Government, and the remainder from endowments from other than Federal and State sources, and from tuition fees and miscellaneous sources.

The total number of students in attendance at the institutions was 54,974, of which number 6,381 were reported by the institutions for colored students. The number of students in technical courses is increasing very rapidly. The short courses in agricultural subjects, which were started only a comparatively short time ago, enrolled students as follows: Agriculture, 4,175; horticulture, 173; dairying, 597.

The chapter contains a summary of all legislation affecting these institutions enacted at the sessions of 1905 of the several State legislatures. Among some of the most important of these enactments may be mentioned the provision by the State of Wisconsin for an annual tax levy of two-sevenths of a mill on each dollar of the assessed valuation of the taxable property of the State for the University of Wisconsin, and the provision by Wyoming for an annual tax levy of three-eighths of a mill for the University of Wyoming. Many of the States are making generous provision for buildings and maintenance, especially for instruction and experimentation in agricultural subjects.

During the past few years considerable progress has been made in the establishment of schools of agriculture and the mechanic arts of secondary grade and in the introduction of agricultural and related subjects into high school courses. Alabama has one agricultural school in each Congressional district; California has established the California Polytechnic School at San Luis Obispo; in Wisconsin are the Dunn County School of Agriculture and Domestic Science, at Menomonie, and the Marathon County School of Agriculture and Domestic Economy, at Wausau; Minnesota has passed an act permitting the establishment and maintenance of county schools of agriculture and domestic economy; and Georgia has provided for the establishment of industrial and agricultural schools in the several Congressional districts of the State.

The introduction of nature study and elementary agriculture into the common schools, especially into the rural schools, is now strongly advocated, and a considerable number of the States permit the teaching of agriculture in the common schools. In order that the subject may be properly taught in such schools, it is necessary that proper facilities be provided to prepare teachers to give instruction in elementary agriculture. The large majority of the teachers in the elementary and secondary schools of the country are women, and it is essential, therefore, that provision be made for the training of women as well as men to be teachers of agriculture. The courses of study in agriculture now offered do not attract many women to them and are too technical to meet the requirements of elementary school teachers. It will be necessary, therefore, that special provision be made for the It is extremely desirable, too, that men be trained to purpose. assume the principalships of the secondary schools of agriculture and mechanic arts that are coming into being and to give instruction in the practice of agriculture, manual training, and related subjects in such schools.

A beginning has been made in this direction by the Connecticut Agricultural College, which offers a two-year course in preparation for rural teaching. The Mississippi Agricultural and Mechanical College has a four-year course in industrial pedagogy, which is designed to furnish a "thorough acquaintance with the theory of manual training and the elements of agriculture;" it offers also to public school teachers a summer course of four weeks in which special emphasis is placed upon manual training, elementary agriculture, and school gardening. Other institutions making provision for instruction of teachers in agricultural subjects by means of summer courses are the University of Missouri and the North Carolina College of Agriculture and Mechanic Arts.

If the subject of agriculture is to be introduced into the common schools throughout the country there should be at least one place in each State where teachers may be trained to give such instruction. The "land-grant colleges" are undoubtedly better equipped than any other class of institutions to provide such instruction. It might be well, therefore, if additional funds are to be granted to them by the General Government, to provide that a part of such funds be available for the training of teachers for schools where elementary agriculture and related subjects are included in the course of study, particularly of teachers of agricultural subjects in high schools and State normal schools.

## PROFESSIONAL SCHOOLS.

Chapter XXII gives statistics of professional schools in the United States. The number of men enrolled in theological schools in 1904–5 was 7,411, only a slight increase over the number fifteen years before and less than the number ten years before.

The number of law students was larger than ever before—14,714. The number of medical students, on the contrary, decreased by 1,114, to 25,835, which is smaller than the number of students in any one of the four preceding years. The number of dental students decreased by 176, to 7,149, although the number the previous year (1903–4) showed a falling off of nearly 1,000 students from the year 1902–3. The students in pharmacy, 4,944, showed an increase of 487 over the previous year.

Since the number of theological students has remained nearly stationary for fifteen years, while the population of the United States has largely increased, one would infer that the ratio of the number of clergymen to the total population has largely decreased. On the other hand, since the number of students in law and medicine has been largely increasing, it would be supposed that the proportionate number of lawyers and physicians has correspondingly increased. A comparison of the United States census reports for the years 1880 and 1900 shows neither of those conclusions to be altogether correct. In 1880 there was one clergyman to every 775 of the population; in 1900 one clergyman to every 681 of population. In 1880 there was one physician to every 585 of the population, and in 1900, although the number of students had doubled, there was only one physician to every 576 of the population. Although the number of law students was quadrupled in the period from 1880 to 1900, the number of lawyers showed no such increase, there being one lawyer to every 782 of the population in 1880 and one lawyer to every 665 of the population in 1900. The chapter gives also a brief synopsis of the laws of the different States governing the practice of medicine and dentistry.

# NORMAL SCHOOLS.

In institutions of all classes, as shown in Chapter XXIII, there were enrolled 93,640 students in training courses for teachers in the year 1904-5. This was an increase of 6,401 over the preceding year. In all public institutions there were 68,035 students of this class, 54,521 of these being in public normal schools. In all private institutions there were 25,605 students of this class, 10,779 of these being in private normal schools. The following table shows the number and classes of institutions offering professional instruction to teachers and the number of students under such instruction in institutions of each class for the four years 1901–1905:

		1901-2.		)2-3.	190	)3-4.	190	4-5.
Classes of institutions.	Insti- tu- tions.	Stu- dents.	Insti- tu- tions.	Stu- dents.	Insti- tu- tions.	Stu- dents.	Insti- tu- tions.	Stu- dents.
Public normal schools. Private normal schools. Public universities and colleges. Private universities and colleges. Public high schools. Private high schools.	$173 \\ 109 \\ 39 \\ 195 \\ 368 \\ 357$	49,403 15,665 3,003 7,687 10,483 7,892	$177 \\ 109 \\ 37 \\ 204 \\ 458 \\ 279$	49,175 14,939 2,997 8,340 6,665 5,887	$178 \\ 91 \\ 34 \\ 196 \\ 449 \\ 272$	51,635 11,992 2,765 7,396 7,488 5,963	179 89 38 213 390 296	$54, 521 \\10, 779 \\3, 038 \\8, 649 \\10, 476 \\6, 177$
Total	1,241	94,133	1,264	88,003	1,220	87,239	1,205	93,640
In all public institutions In all private institutions	$\begin{array}{c} 580\\ 661 \end{array}$	${}^{62,889}_{31,244}$	672 592	58,837 29,166	661 559	$     \begin{array}{r}       61,888 \\       25,351     \end{array}   $	607 598	68,035 25,605

Students in training courses for teachers reported for four years.

The chapter gives in detail the statistics of 179 public normal schools and 89 private normal schools reporting to this Bureau for the year 1904-5. These schools had 10,360 graduates for the year, or 15.86 per cent of the total enrollment of 65,300. If the 28,340 students in training courses for teachers in other institutions had a proportionate number of graduates, the total number of such graduates for the year must have been about 14,855, a number inadequate to recruit the ranks of the great army of 580,000 teachers of the United States. The following table compares the statistics of public and private normal schools for 1890 and 1905:

	1889-90.					1904	-5.	
	Schools.	In- struct- ors.	Nor- mal stu- dents.	Nor- mal grad- uates.	Schools.	In- struct- ors.	Nor- mal stu- dents.	Nor- mal grad- uates.
Public normal schools Private normal schools	$135 \\ 43$	$\substack{1,182\\274}$	$26,917 \\ 7,897$	4, 413 824	179 89	2,957 694	$54, 521 \\ 10, 779$	$9,274 \\ 1,086$
Total	178	1,456	34,814	5,237	268	3,651	65, 300	10,360

The growth of public normal schools since 1890 is indicated by the following table, which summarizes the public appropriations for their support and for improvements each year for the past sixteen years:

Year.	For sup- port.	For build- ings.	Year.	For sup- port.	For build- ings.
$\begin{array}{c} 1889-90\\ 1890-91\\ 1891-92\\ 1892-93\\ 1892-93\\ 1893-94\\ 1894-95\\ 1894-95\\ 1895-96\\ 1895-96\\ 1896-97\\ \end{array}$	1,285,700 1,567,082 1,452,914 1,996,271 1,917,375	$\begin{array}{c} \$900, 533\\ 409, 916\\ 394, 635\\ 816, 826\\ 1, 583, 399\\ 1, 003, 933\\ 1, 124, 834\\ 743, 333\end{array}$	1897-08.           1898-99.           1890-1000.           1900-1.           1901-2.           1902-3.           1903-4.           1904-5.	2,769,003 3,068,485 3,228,090	\$417, 866 560, 896 718, 507 709, 217 906, 301 1, 268, 742 915, 443 1, 684, 789

Public appropriations to public normal schools for sixteen years.

#### XLIV

### SECONDARY SCHOOLS.

The enrollment of students of high school grade for the scholastic year ending June, 1905, as appears from Chapter XXIV, reached 876,050, or more than 1 per cent of the population of the United States. This was an increase of 53,815 over the preceding year. Public high schools and the preparatory departments of State colleges and the nonprofessional departments of public normal schools had 695,989 of the secondary students, while private high schools and academies and the preparatory departments of private colleges, private manual training schools, and the nonprofessional departments of private normal schools had the remaining 180,061 secondary students. The numbers of students thus distributed for the past two years are shown in the following table:

		1903-4.		1904–5.			
Institutions.	Male.	Female.	Total.	Male.	Female.	Total.	
Public high schools Public normal schools Public universities and colleges Private high schools Private normal schools Private universities and colleges Private colleges for women. Manual training schools.	2,150 8,835 51,599 4,198 30,073	$\begin{matrix} 369,769\\ 3,243\\ 2,768\\ 51,808\\ 3,618\\ 14,555\\ 4,800\\ 3,139 \end{matrix}$	$\begin{array}{c} 635,808\\ 5,393\\ 11,603\\ 103,407\\ 7,816\\ 44,628\\ 4,800\\ 8,780 \end{array}$	$288,391 \\ 1,863 \\ 8,967 \\ 51,778 \\ 6,607 \\ 32,043 \\ 5,651$	$\begin{array}{c} 391,311\\ 2,801\\ 2,656\\ 55,429\\ 4,653\\ 14,792\\ 5,627\\ 3,481 \end{array}$	$\begin{array}{c} 679,702\\ 4,664\\ 11,623\\ 107,207\\ 11,260\\ 46,835\\ 5,627\\ 9,132\\ \end{array}$	
Total	368, 535	453,700	822,235	395, 300	480,750	876,050	

Secondary students in institutions of all classes.

The number of secondary students enrolled in the classes of institutions named above, for each year since 1890, are given in the table which follows, together with percentages showing the ratio of such enrollment to the total population of the country.

	In public tion		In private tion		In both classes.		
Year.	Secondary students.	Per cent of popu- lation.	Secondary students.	Per cent of popu- lation.	Secondarý students.	Per cent of popu- lation.	
$\begin{array}{c} 1889-90\\ 1890-91\\ 1890-91\\ 1891-92\\ 1892-93\\ 1893-94\\ 1893-95\\ 1894-95\\ 1895-96\\ 1896-97\\ 1896-97\\ 1897-98\\ 1897-98\\ 1897-90\\ 1898-90\\ 1899-1000\\ 1900-1201\\ 1001-2\\ 2\\ 1902-3\\ 1903-4\\ 1004-5\\$	$\begin{array}{c} 221, 522\\ 222, 868\\ 247, 660\\ 256, 628\\ 302, 006\\ 361, 370\\ 392, 729\\ 420, 459\\ 450, 813\\ 488, 549\\ 530, 425\\ 558, 740\\ 566, 124\\ 608, 412\\ 652, 804\\ 608, 989\\ \end{array}$	$\begin{array}{c} 0.36\\ .35\\ .38\\ .39\\ .45\\ .53\\ .56\\ .59\\ .63\\ .66\\ .70\\ .72\\ .72\\ .76\\ .80\\ .84\end{array}$	$\begin{matrix} 145, 481\\ 147, 567\\ 154, 429\\ 153, 792\\ 178, 352\\ 178, 352\\ 178, 342\\ 164, 445\\ 164, 302\\ 166, 678\\ 188, 816\\ 177, 260\\ 168, 636\\ 168, 223\\ 169, 431\\ 180, 061\end{matrix}$	$\begin{array}{c} 0.23\\ .23\\ .24\\ .23\\ .26\\ .26\\ .26\\ .23\\ .23\\ .23\\ .23\\ .23\\ .23\\ .23\\ .22\\ .21\\ .21\\ .21\\ .22\\ \end{array}$	$\begin{array}{c} 367,003\\ 370,435\\ 4002,089\\ 410,420\\ 480,358\\ 539,712\\ 559,003\\ 584,904\\ 626,115\\ 655,227\\ 719,241\\ 736,000\\ 734,760\\ 776,635\\ 822,235\\ 876,050\\ \end{array}$	$\begin{array}{c} 0.\ 59\\ .\ 58\\ .\ 62\\ .\ 62\\ .\ 71\\ .\ 79\\ .\ 79\\ .\ 86\\ .\ 89\\ .\ 95\\ .\ 95\\ .\ 94\\ .\ 97\\ 1.\ 01\\ 1.\ 06\end{array}$	

Secondary students and per cent of population.

The whole number of secondary students is given in the following table by geographical divisions and compared with the enrollment for the preceding year:

	1903-4.				1904-5.	-	Per cent of increase.		
	Public.	Pri- vate.	Total.	Public.	Pri- vate.	Total.	Public.	Pri- vate.	Total.
United States	652 <b>,</b> 804	169 <b>, 43</b> 1	822, 235	695 <b>, 9</b> 89	180,061	876 <b>, 0</b> 50	6.62	6.27	6.54
South Atlantic Division South Central Division	211,30436,03952,152304,43948,870	51,477 23,970 29,731 51,751 12,502	$\begin{array}{r} 262,781 \\ 60,009 \\ 81,883 \\ 356,190 \\ 61,372 \end{array}$	$226,834 \\38,140 \\53,545 \\323,979 \\53,491$	$\begin{array}{r} 52,702\\ 25,403\\ 30,897\\ 58,262\\ 12,797 \end{array}$	279, 536 63, 543 84, 442 382, 241 66, 288	$\begin{array}{r} 6.88\\ 5.83\\ 2.67\\ 6.42\\ 9.46\end{array}$	$2.38 \\ 5.98 \\ 3.92 \\ 12.58 \\ 2.36$	6.38 5.89 3.13 7.31 8.01

Students receiving secondary instruction in public and private high schools and academies and in preparatory departments of colleges and other institutions.

Nearly the whole of the chapter on secondary schools is devoted to the statistics of public high schools and private high schools, academies, and seminaries. There were 7,576 public high schools, with 28,461 teachers of secondary students, and an enrollment of 679,702 secondary students, and 1,627 private high schools, with 9,850 teachers of secondary students, and an enrollment of 107,207 secondary students.

The following table exhibits the growth since 1890 of these public and private high schools, that is, secondary schools proper. In addition to the number of schools, the number of secondary students in schools of that class and the number of teachers of such students are given. The exclusion from this table of students receiving secondary instruction in colleges and other institutions outside of the regular secondary schools accounts for the number of secondary students therein given being less than that given in the preceding tables.

	Public.				Private.		Total.			
Year reported.	Schools.	Teach- ers.	Students.	Schools.	Teach- ers.	Stu- dents.	Schools.	Teach- ers.	Stu- dents.	
$\begin{array}{c} 1889 - 90 \\ 1890 - 91 \\ 1890 - 91 \\ 1891 - 92 \\ 1892 - 93 \\ 1893 - 94 \\ 1895 - 96 \\ 1895 - 96 \\ 1895 - 96 \\ 1895 - 96 \\ 1897 - 98 \\ 1897 - 98 \\ 1898 - 99 \\ 1899 - 1900 \\ 1900 - 1901 \\ 1900 - 1901 \\ 1901 - 2 \\ 1902 - 3 \\ 1903 - 4 \\ 1904 - 5 \\ 1804 - 5 \\ 1804 - 1004 \\ 1804 - $	$\begin{array}{c} 2,771\\ 3,035\\ 3,218\\ 3,964\\ 4,712\\ 4,974\\ 5,109\\ 5,315\\ 5,495\\ 6,005\\ 6,318\\ 6,292\\ 6,800\\ 6,800\\ 7,230\end{array}$	$\begin{array}{c} 9,120\\ 8,270\\ 9,564\\ 10,141\\ 12,120\\ 14,122\\ 15,700\\ 16,809\\ 17,941\\ 18,718\\ 20,372\\ 21,778\\ 22,415\\ 24,349\\ 26,760\\ 28,461\\ \end{array}$	$\begin{array}{c} 202, 963\\ 211, 596\\ 239, 556\\ 254, 023\\ 289, 274\\ 350, 099\\ 330, 493\\ 409, 433\\ 409, 433\\ 449, 600\\ 476, 227\\ 519, 251\\ 541, 730\\ 550, 611\\ 592, 213\\ 635, 808\\ 679, 702 \end{array}$	$\begin{array}{c} 1, 632\\ 1, 714\\ 1, 550\\ 1, 575\\ 1, 982\\ 2, 180\\ 2, 100\\ 1, 990\\ 1, 997\\ 1, 978\\ 1, 892\\ 1, 835\\ 1, 690\\ 1, 606\\ 1, 627\\ \end{array}$	$\begin{array}{c} 7,209\\ 6,231\\ 7,093\\ 7,199\\ 8,009\\ 8,559\\ 8,752\\ 9,574\\ 9,357\\ 9,410\\ 10,117\\ 9,775\\ 9,903\\ 9,446\\ 9,566\\ 9,850\\ \end{array}$	$\begin{array}{c} 94, 931\\ 98, 400\\ 100, 739\\ 102, 375\\ 118, 645\\ 118, 347\\ 106, 654\\ 107, 633\\ 105, 225\\ 103, 838\\ 110, 797\\ 108, 221\\ 104, 690\\ 101, 847\\ 103, 407\\ 107, 207\end{array}$	$\begin{array}{c} 4,158\\ 4,485\\ 4,585\\ 4,585\\ 4,793\\ 5,946\\ 6,892\\ 7,089\\ 7,209\\ 7,305\\ 7,452\\ 7,983\\ 8,210\\ 8,127\\ 8,490\\ 8,836\\ 9,203\end{array}$	$\begin{array}{c} 16,329\\ 14,501\\ 16,657\\ 17,340\\ 20,129\\ 22,681\\ 24,452\\ 26,383\\ 27,298\\ 28,128\\ 30,489\\ 31,553\\ 32,318\\ 33,795\\ 36,326\\ 38,311 \end{array}$	$\begin{array}{c} 297, 894\\ 309, 996\\ 340, 295\\ 356, 398\\ 407, 912\\ 468, 446\\ 487, 147\\ 517, 066\\ 554, 825\\ 580, 065\\ 630, 044\\ 649, 955\\ 655, 301\\ 694, 066\\ 739, 215\\ 786, 909\end{array}$	

Public and private high schools since 1889-90.

From the above table is derived the following, which shows the relative number of public and private high schools, teachers, and students in sixteen years:

Year reported.		of num- schools.		of num- eachers.	Per cent of num- ber of students.		
F	Public.	Private.	Public.	Private.	Public.	Private.	
$\begin{array}{c} 1889-90. \\ 1880-91. \\ 1890-91. \\ 1891-92. \\ 1892-93. \\ 1893-94. \\ 1893-94. \\ 1893-94. \\ 1893-94. \\ 1895-96. \\ 1895-96. \\ 1895-96. \\ 1895-96. \\ 1895-90. \\ 1897-98. \\ 1897-98. \\ 1897-98. \\ 1897-99. \\ 1897-99. \\ 1897-90. \\ 1897$	$\begin{array}{c} 60.\ 75\\ 61.\ 78\\ 66.\ 19\\ 66.\ 23\\ 66.\ 67\\ 68.\ 37\\ 70.\ 25\\ 70.\ 87\\ 72.\ 76\\ 73.\ 74\\ 75.\ 22\\ 76.\ 95\\ 77.\ 42\\ 80.\ 04\\ 81.\ 82\\ 82.\ 32\\ \end{array}$	$\begin{array}{c} 39.25\\ 38.22\\ 33.81\\ 33.71\\ 33.33\\ 31.63\\ 29.75\\ 29.13\\ 27.24\\ 26.26\\ 24.78\\ 23.05\\ 22.58\\ 19.96\\ 18.18\\ 17.68\end{array}$	$\begin{array}{c} 55.85\\ 57.03\\ 57.42\\ 60.25\\ 60.21\\ 62.26\\ 64.21\\ 63.71\\ 63.71\\ 65.72\\ 66.55\\ 66.82\\ 69.02\\ 69.36\\ 72.05\\ 73.67\\ 74.29\end{array}$	$\begin{array}{c} 44.15\\ 42.97\\ 42.58\\ 39.75\\ 39.79\\ 35.79\\ 35.79\\ 36.29\\ 33.45\\ 33.18\\ 30.98\\ 30.64\\ 27.95\\ 26.33\\ 25.71\\ \end{array}$	$\begin{array}{c} 68.\ 13\\ 68.\ 26\\ 70.\ 40\\ 70.\ 78\\ 70.\ 91\\ 74.\ 74\\ 78.\ 11\\ 79.\ 18\\ 81.\ 03\\ 82.\ 10\\ 82.\ 41\\ 83.\ 35\\ 84.\ 02\\ 85.\ 33\\ 86.\ 01\\ 86.\ 38\end{array}$	$\begin{array}{c} 31.\ 87\\ 31.\ 74\\ 29.\ 60\\ 29.\ 22\\ 29.\ 09\\ 25.\ 26\\ 21.\ 89\\ 20.\ 82\\ 18.\ 97\\ 17.\ 90\\ 17.\ 59\\ 16.\ 65\\ 15.\ 98\\ 14.\ 67\\ 13.\ 99\\ 13.\ 62\end{array}$	

Relative progress of public and private high schools in sixteen years.

### MANUAL AND INDUSTRIAL TRAINING.

Chapter XXV shows that in more than two-thirds of the cities of the United States having 4,000 population and over manual training is taught in some of the grades of the public schools. There are 1,212 school systems in cities of the size named, and in 420 of these manual training forms part of the course of instruction. In 1890 only 37 city school systems included manual training in the course of instruction. In 1894 the number had increased to 95, in 1900 to 169, in 1901 to 232, in 1902 to 270, in 1903 to 322, and in 1904 to 411. Eleven years ago this Bureau received reports from 15 manual training schools. These schools had 3,362 students in manual training-2,403 boys and 959 girls—all of secondary or high school grade. The next year, with the same number of schools reporting, there were 4,892 students, of whom 3,621 were boys and 1,271 girls. In 1897 the number of schools had increased to 40, with 13,890 students-9,224 boys and 4,666 girls. Industrial training schools, or schools in which certain trades were taught, were included with the manual training schools proper, and since 1897 the statistics given are for "manual and industrial training." In 1898 there were 58 manual and industrial training schools, with 18,977 students-12,975 boys and 6,002 girls. All of these were reported as students of secondary or high school grade. In 1900 there were 69 schools, with 24,716 students-15,819 boys and 8,897 girls. In 1904 there were 98 schools, with 36,680 students-20,701 boys and 15,979 girls-and in 1905 the number had increased to 106 schools, with 43,197 students-25,571 boys and 17,626 girls.

#### EDUCATION REPORT, 1905.

#### BUSINESS SCHOOLS.

The statistics of business schools are given in Chapter XXVI. This Bureau received reports from 529 commercial and business schools for the year 1904–5. These schools had 146,086 students, 84,621 men and 61,465 women. There were also 10,377 students in business courses in colleges and universities, 2,632 in such courses in normal schools, 13,394 in private high schools and academies, and 90,309 in public high schools, making a grand total of 262,798 students, 144,905 men and 117,893 women, in commercial or business courses in all classes of institutions.

## SCHOOLS FOR NURSES.

In Chapter XXVII the number of nurse-training schools is reported as 862, or 138 more than were reported in the previous year. The number of persons receiving instruction in nurse training was 19,824, an increase of 2,111 over the number of the year before. These figures indicated a remarkable advance in training of this type. In addition to those reported above, there were 456 pupils in special hospitals taking short courses of instruction in particular subjects, making altogether 20,280 nurse pupils.

In the hospitals with nurse-training schools (exclusive of those for the insane) there were accommodations for 72,637 patients. The value of the hospitals reported aggregated over \$87,000,000, and, as many of them did not report this item, it is probable a full valuation would exceed \$100,000,000. Nine States have established boards of examiners for the registration of nurses, namely, North Carolina (March 3, 1903), New Jersey (April 7, 1903), New York (April 24, 1903), Virginià (May 1, 1903), Maryland (March 25, 1904), Indiana (February 27, 1905), California (March 21, 1905), Colorado (April 12, 1905), and Connecticut (June 6, 1905).

## SCHOOLS FOR THE COLORED RACE.

Since 1870 the Southern States have expended the aggregate of \$818,242,553 for public schools (Chapter XXVIII). It is estimated that about \$149,000,000 of this sum has been expended to support common schools for the colored race. For the year 1904–5 the sum of \$46,401,832 was expended in the South for the maintenance of the common schools for both races, about 20 per cent of this sum being for the support of the schools for negroes. The enrollment in the common schools for the whites was 4,564,798, while the negro schools had an enrollment of 1,602,194, the latter number including 7,250 secondary students in 146 high schools. Statistics of the 128 private institutions devoted to the secondary and higher education of the colored race will be found in the same chapter.

XLVIII

#### REFORM SCHOOLS.

There were 99 reformatories and other institutions known as State industrial schools for juveniles reporting in 1905 (Chapter XXIX). These schools had 38,006 inmates, 36,580 of these being taught the common school branches for some part of the year, and 30,378 having some industrial training. These schools employed 771 teachers, with 2,013 assistants caring for the inmates.

### SCHOOLS FOR THE DEFECTIVE CLASSES.

Chapter XXX includes the statistics or schools for the blind, the deaf, and the feeble minded. There were 40 schools for the blind, employing 505 teachers and having an aggregate enrollment of 4,441 pupils— 2,401 boys and 2,040 girls. There were 136 schools for the deaf, 56 State institutions, 64 public day schools, and 16 private schools, with an aggregate enrollment of 11,952 pupils—6,496 boys and 5,456 girls. There were 25 State schools and 15 private schools for the feeble minded, with a total enrollment of 16,240 pupils—8,683 boys and 7,557 girls. In all the above-named institutions greater prominence is given year by year to manual and industrial training.

# RECOMMENDATIONS.

It appears from the foregoing statements that public education in the United States continued during the year 1904–5 to make substantial progress, as in the years immediately preceding. It appears also that a work of the greatest magnitude remains to be done in the maintenance of a rate of educational progress which shall not only equal the rate of national development in general, but shall in many particulars proceed even more rapidly, in order to prepare in advance for future demands which can already be foreseen.

In accordance with the provisions of the act establishing this Office it devolves upon the Commissioner of Education to present annually to Congress a statement not only of facts but of recommendations which will in his judgment subserve the purpose for which the Office was established, namely, that of aiding the people of the United States in the establishment and maintenance of efficient school systems, and otherwise promoting the cause of education throughout the country. The first recommendation which I beg to submit in view of this provision is that greater effort be put forth to improve the school attendance of this country, which is still in an extremely unsatisfactory condition. To this end it is necessary that a variety of means and agencies be organized in effective cooperation. Among such means and agencies may be mentioned, first, compulsory-attendance laws in the States and the faithful execution of such laws, with

ED 1905-VOL 1----4

the help, wherever necessary, of truant officers; secondly, special schools for truant and incorrigible children; thirdly, juvenile courts in the cities; fourthly, laws prohibiting the employment of children as wage earners up to an age when such employment will no longer be physically injurious, and limiting such employment beyond that age to give full opportunity for the acquirement of at least a wellrounded elementary education, and provision by the employment of inspectors and otherwise for rendering such laws fully operative; fifthly, provision for the transportation of school children in country districts, particularly in connection with consolidated schools; sixthly, provision for good roads leading to district and consolidated schools; seventhly, provision for hygienic conditions in schools and the cooperation of boards of public health in promoting and preserving the health of school children; eighthly, such differentiation and enrichment of instruction in the higher elementary and secondary grades, particularly in the direction of thorough commercial and technical courses, as will enable the schools to keep a firmer hold upon that considerable class of pupils, particularly boys, who are now drawn away from school by opportunities for profitable employment.

The second recommendation which I would respectfully present is concerned with the fact, which every year makes more obvious, that our public education has passed into an international stage in its development. The approach of the second International Peace Conference at The Hague has turned public attention to the many-sided modern movement toward a peaceful adjustment of international relations. Governments, in striving to maintain an honorable peace, require the reenforcement of popular sentiment, and it is of the utmost importance that such public sentiment should steadily demand a peace which makes for righteousness, and no other peace than that which will make for righteousness. A public sentiment calling for such peace will be stable only when it rests upon an appreciative understanding of other nations. In this there is a great work for education the world over, that it help the nations understand one another. Whatever the schools may do to this great end will count for real education. Can any form of learning, in fact, be more liberalizing, more expanding, more tonic, than the insight gained through knowledge of other peoples, our contemporaries, who with us are the makers of modern history?

Already a considerable movement is under way looking to the annual commemoration in the schools of the United States of the opening of the first Hague conference, which occurred on the 18th day of May, 1899. Such a celebration seems eminently desirable, by way of laying due emphasis in the schools upon the vital relations of modern peoples one to another. I would accordingly recommend that, so far as consistent with State and local conditions, the 18th day of May in each year be designated as a day of special observance in the schools. It is particularly desirable that in the celebration of this anniversary day, and in the instruction of the schools throughout the year, the effort be made to promote an insight into the true aims and aspirations of our own nation and of the other nations with whom we are to work together in the making of a higher world civilization. This view calls for a more thorough teaching of geography and history in the elementary schools, that the first notions formed by the children in those schools, of our relations with other lands and peoples, may be true and temperate; it calls for a better teaching of modern languages and literatures in our secondary schools and colleges; and in the more highly specialized studies of commercial and technical schools it calls for more thorough and accurate instruction in all subjects having to do with the relations of our home land with foreign lands.

This is not a foreign view of American education, but rather an American view; for it is already clear that American institutions can reach their full development only by finding their rightful place in the current of the world's history, and that only by so doing can they become fully American.

All of which is respectfully submitted.

Elmer Ellsworth Brown,

Commissioner.

The honorable the SECRETARY OF THE INTERIOR.

 $\mathbf{r}$ 



# CHAPTER I.

## THE REPORTS OF THE MOSELY EDUCATIONAL COM-MISSION.<sup>a</sup>

### By W. T. HARRIS.

Mr. Mosely states in the preface to his collection of reports that it was the success of engineers from the United States whom he had known in South Africa that turned his attention this way to see "what sort of country it was that was responsible for sending so many level-headed men to the Cape." He mentions Gardner Williams, a California engineer, who arrived in South Africa and took the management of the De Beers Company. "Gardner Williams imported Louis Seymour," and these were followed by many other American engineers, including Perkins, Jennings, and Hammond

"So far as I was able to ascertain, the form of education given in the United States is responsible for much of its success, and I returned home determined, if possible, to get together a party of experts to visit the country and test the soundness of my conclusions."

A splendid set of men were finally enlisted, representing British education more or less completely in its entirety, forming a noteworthy commission organized "to investigate the relations between education and commercial and industrial efficiency;" or, phrased differently, "to find out the educational causes and conditions which have contributed to the rapid industrial development of the United States."

The reports fill a book of 400 pages octavo, and form a mass of acute observations, critical suggestions, appreciative explanations, candid statements of disagreement—all in admirable tone.

The advantage to Americans in this book is to be found chiefly in the fact that the contributions it contains are written by people who have a different national point of view from our own. They teach how to see in what we are doing a different result, or series of results, from those we have been in the habit of looking for.

Each essay deserves the most careful attention from the American reader. And the whole book—it deserves to have a special lectureship devoted to it in each one of our normal schools.

No magazine paper of ordinary limits can deal adequately with the matters contained in any one of a dozen of the best individual reports.

I must content myself with quoting passages here and there touching live questions, and at times commenting on the difference between the British and the American points of view. There are the manual-training question, the public high schools, the schools of commerce, natural science, the study of English, immigration, the increase of women teachers, and the great question of coeducation.

On these last two topics Americans will read according to their convictions with some warmth the divergent views which members of the commission put forward.

We must all feel that the occasion put forward as the ground for the appointment of the commission is in itself a delicate but overwhelming piece of national flattery—in a good sense of the word "flattery." For it assumes as the most real of facts an achieved greatness of the United States in industry and commerce, and seeks to find its source in a self-conscious and reasonable preparation for it on the part of our people in the education of the rising generation.

a Reprinted by permission from the Educational Review, New York, September, 1904.

We read with some incredulity the words in which the members of the commission speak of our achievements in manufactures and commerce, and we gladly return again and again to what is said in praise of our national enthusiasm for the schooling of our people.

The reports of the Mosely Educational Commission to the United States of America<sup>a</sup> have been compiled for publication in alphabetical order. They consist of 27 individual reports, with a preliminary statement by Mr. Mosely, and a brief summary of the several individual reports by Prof. Henry E. Armstrong, himself the author of one of the most important individual reports.

There is manifest throughout the series a spirit of generosity and a desire to see all the good that is possible in the management of American education. The members of the commission looked carefully to find in the American education system an explanation of the great national influence of America in industry and commerce.

We have been in the habit of thinking that our institutions for the development of directive power in the conquest of nature have been of a high order for many years, and that our institutes of technology have had a large influence upon American industries that relate to transportation and intercommunication and motive power, as will be seen from the nature of the studies undertaken in them, and equally well seen if one traces out one by one the life history and influence of the graduates of these institutions.

Mr. Shepheard, chairman of the technical education board of the London County Council, believes that "it will be found that every member of the Mosely Commission will have come back with the same opinion that I have, namely, that England is at a distinct disadvantage when the business aspect of education is considered. Where we turn out 10 highly qualified men they turn out hundreds, and their trade reaps corresponding advantage. Undoubtedly we have in England an advantage which the Americans do not possess in our widely scattered polytechnics and smaller technical institutions. But I am now speaking of the higher grade of technical work (American 'institutes of technology'), and in this respect we, as far as I can see, are at present a long way behind the States."

In American education it is well known that new experiments get advertised extensively, and cities that are proposing to establish an experimental school on a new method give it a place in their educational reports that, without any intent to deceive, would carry the conviction to a stranger in a foreign land who reads our reports that the new experiment here is something well established and exercising an immense influence, not only upon our schools, but upon our industries. On this account it had to be explained again and again to the gentlemen of the Mosely Commission by our teachers and industrial directors that our excellent manual-training schools and higher institutions for industry and art (such as the Drexel Institute, the Pratt Institute, and other institutions of similar high grade) had not been long enough in existence to make themselves felt in American industry to such an extent as to explain the prodigious increase of our exports and imports.

We in the United States are well aware that our manual-training schools, now numerous and still rapidly increasing, are of recent establishment. Their development in ten years is shown in the following table:

Year.	Schools.	Males.	Females.	Total students.
1894.         1897.         1898.         1899.         1900.         1901.         1902.         1903.	$15 \\ 40 \\ 58 \\ 66 \\ 69 \\ 78 \\ 85 \\ 95$	$\begin{array}{c} 2,403\\ 9,224\\ 12,975\\ 13,903\\ 15,819\\ 18,928\\ 18,771\\ 20,170\end{array}$	959 4,666 6,002 6,798 8,897 10,053 10,736 12,892	3, 362 13, 890 18, 977 20, 701 24, 716 28, 981 29, 507 33, 062

a Cooperative Printing Society (Limited): London, 1904.

The following table gives the number of cities of 8,000 population and over in which manual training was given in the years indicated (it includes also the cities containing the schools of the above table):

State or Territory.	1890.	1894.	1896.	1898.	1900.	1901.	1902.
United States North Atlantic Division South Atlantic Division South Central Division North Central Division. Western Division	10	95 52 3 2 30 8	$     \begin{array}{r}         121 \\             72 \\             6 \\             2 \\           $	$ \begin{array}{r}     146 \\                                    $	169 94 10 3 48 14	$     \begin{array}{r}             232 \\             112 \\             16 \\             12 \\             73 \\             19 \\             19           $	270 125 22 12 89 22

Ten years is too short a period to reap the results of a system of industrial schools, no matter how well equipped and how efficiently managed.

There does not remain any question in the mind of an American familiar with the equipment and management of such schools already founded, and of the others about to be founded in the several centers of population, that our industry is to be greatly affected by our industrial schools. For it is scarcely a matter of dispute that the school is far more potent in the preparation of the skilled laborer than mere apprenticeship. The school discovers and teaches the highest results of skill, and it hastens forward the pupil without tedious delay into the possession of the most approved methods of manipulation; it brings together the devices invented along the lines of the several industries and along the lines of the most efficient methods of managing the details of commerce, foreign and domestic, and places these before the learner with painstaking explanations of their rationale.

Apprenticeship, on the other hand, depends for its efficiency directly upon the intelligence and generosity of the firm or corporation that employs the apprentice. One-half or two-thirds of the apprentices (and some would say nine-tenths of the apprentices) employed in the United States and elsewhere are kept back for years in places of drudgery, and their interests neglected for the selfish profit of the business manager, or for the comfort and convenience of the older workmen who have completed their apprenticeship. The average American boy escapes from his apprenticeship before he has really learned the higher forms of skill in his trade. The boy has patience sufficient to learn his subject according to the methods of the school, but he can not submit to the humbling process of the old-fashioned seven years' apprenticeship which involves three to five years of drudgery.

Many of the reports by the members of the Mosely Commission indicate a disappointment at what they see in our industrial schools, and at the evidently defective systems of apprenticeship in the United States-generously praising noteworthy exceptions—but it does not appear to me that they have noticed sufficiently that the American boy is fitted by the general course of the common school for a successful directorship of machinery. The graduate of the elementary school is well fitted by alertness and versatility to direct or "tend" the machine in the textile manufactory, or in the machine shop, or in agriculture. If we remember that the manual-training school does not cultivate alertness, versatility, and the power of attention any more than, if quite as much as, the ordinary studies of the schools in arithmetic, algebra, geometry, "natural philosophy" or physics, not to mention grammar and other language studies, we shall not be surprised that in our country, where industrial machinery of every kind is almost universally used, the American laborer is found to be possessed of noteworthy skill and ability to turn out a large amount of product, and that he is able to adjust himself to new situations, for the common-school curricula give exactly the best training for this.

The use of the printed page as an instrument to acquire the result of other people's experience is carried so far in America as to make it the well-known characteristic

of American school methods. The youth at school is taught to be an investigator by means of the book. His chief effort is to master the information extant on the subject; it is only his secondary effort to verify the information which he finds in books.

This is both the strength and the weakness of the chosen method of American pedagogy. Its strength is its ability to get hold of the experience of others—make all other human endeavor vicarious—make it tributary to the pupil's own endeavor. Its weakness is that it accumulates more experience of others than it really assimilates, and is more or less pedantic and superficial—superficial because not made the pupil's own by verification. In fact, its superficiality is a saving quality, for it is better for the pupil to know, in myriads of cases, that there is a valuable experience recorded in the technical journal or in the encyclopedia than it is to master it in all its details on first acquaintance. He would be overwhelmed by the effort at exhausting the subject by a thorough study in the case of the first thing that he encountered, and would arrest his development then and there.

But when he comes later in his actual industry to encounter difficulties in his work he knows where to get the results of other people's experiments and all the details of their patient struggles. He uses these thankfully and makes all the more a valuable contribution to science or industry because he has first availed himself of human experience stored up for him by means of the printed page.

His superficiality is therefore only seeming—he is holding his own poise in the presence of the mass of learning available in books. If he gave himself up to verbatim et literatim thoroughness, he would stop at the vestibule for the sixteen years of his school life. He would become arrested in his spiritual development and would lose his power of initiative. But the student who is interested in the net results—interested in the whole province of learning rather than in its minute details—and who tastes rather than crams all into his stomach at once, continues to grow in self-activity provided he devotes the same amount of time to the subject. He postpones his specializing till it is necessary.

I have been particularly struck with a remark of Mr. Mosely himself in regard to the superiority of initiative which Americans exhibited in South Africa.

It was suggested by one of the speakers [at a dinner] that the early pioneer spirit, which had to fight the red Indian and subjugate the country, might be responsible for the success of the United States apart from education. From this expression of opinion I beg to differ. During the many years I spent in South Africa I saw the same class of men [men from England] visit its shores, and yet comparatively little progress was made, not because the country had no resources, but because education there had not reached the same high plane that it has in the United States.

Here the reference is unmistakably to a cause to be found in the course of study in the elementary schools and the high schools, which turn out pupils who have the advantage of a general survey of the fields of learning, and not to pupils who are special experts in mining, commerce, or the industries.

It is the general education which gives the maximum power of initiative in the presence of a new situation. It is our common schooling, elementary and secondary, in numerous public high schools and private academies, added to our national spirit of enterprise, that trains the youth with us to take in the industrial situation and the opportunity it offers at a glance. Of course, we do not get any noteworthy advantage without incident disadvantages, and while students are making the effort to take in the whole situation they are necessarily engaged in suppressing or inhibiting such attention to the details as is necessary for expert work. Hence our knowledge seems superficial and is superficial, in fact.

This criticism from the standpoint of the ideal of "thoroughness" leads often to a wholesale condemnation of American education. But the case looks different when one considers that directive power must not let itself be absorbed by details so much as to lame the power of combination and the sound judgment as to what ought to be done under the circumstances—so much as to destroy the alertness, in fact.

What has been condemned as superficiality on the part of the American very often amounts to a specialization on the main point at issue. It is concentrated on what is to be done; it is about to observe what new combination is to be made. This general question which concerns alertness of action is the paramount one for the present moment. And any analytic absorption in some special feature before the observer will cause him to waste his time on what is impracticable, unless kept strictly subordinate to the general question of cui bono—of what use is this particular thing which I am analyzing to science or to industry, or to any manner of human benefit which I have in view?

But thoroughness of specialization has its place in reenforcing the present moment by the application of the lessons of past experience. This is the strength of thoroughness in preparation for the collisions of the present. But these lessons can not be applied except by the man who is able to combine the details into one view with a rapid glance—and this is alertness.

Mr. Mosely sums up his reflections upon the educational system here as follows:

My observations lead me to believe that the average American boy when he leaves school is infinitely better fitted for his vocation and struggle in life than the English boy, and in consequence there are in the United States a smaller proportion of "failures," and fewer who slide downhill, and eventually join the pauper, criminal, or "submerged tenth" class. The aim of education in America is to make every boy fit for some definite calling in life, and my own experience leads me to think that nearly every lad if properly trained is fit for something. All can not be great successes, and clever, successful men are to a large extent born, not made; but I do believe that it is possible to teach every lad some branch of industry that will enable him to earn an honest livelihood and make him a help, rather than a burden, to society. As I have said, the true-born American does not become a drag upon his fellows, but takes his place as a respectable citizen, earning his living soberly and honestly.

Mr. Mosely quotes a table drawn up by Mr. J. M. Dodge, president of the American Society of Mechanical Engineers, on the money value of technical training in the United States. Its results are given in a graphic form, and show the progress in earning capacity of the groups to which it refers.

Unskilled labor begins at the age of 16 years at \$3 a week wages and increases in skill and amount of wages for six years, when it has completed its career and arrived at a stage of arrested development in the twenty-third year at \$10.20 a week.

The shop-trained laborer begins at the same age and wages, rises more rapidly, and at two years later reaches his full growth at the age of 24 and with wages at \$16.80 a week.

The trade school does better than the apprenticeship system of shop training and turns out its students after three years of instruction at the age of 19 with an ability to earn \$12 a week. Six years later, at 25 years of age, the wages rise to \$22 a week, and may reach a maximum of \$25 a week some years later.

The graduate of the school of technology has carried on his school studies for six years beyond the age of 16 and begins to receive on graduation at 22 the sum of \$13 a week, and his wages continue to increase until ten years after graduation they amount to \$43 a week.

Manual training is commended in the general report signed by all members of the commission. "Such work appears to be in many ways of high value as an educational discipline."

Mr. J. R. Heape says of manual training in his report:

4

Manual training in the ordinary sense of bench work in wood was begun in America in 1879, when, through the efforts of Dr. Calvin M. Woodward, a manual-training school was opened at St. Louis, in connection with the Washington University. The success of this school led to the speedy organization of similar schools in other cities—in Chicago, Baltimore, and Toledo in 1884, in Philadelphia in 1885, and so on. In 1895 the Massachusetts legislature, under the lead of the State board of education, made it obligatory upon every city in the State of 30,000 or more inhabitants to establish and maintain manual training in a high school. This has been one source from which manual training has spread; there has also been another, representing an opposite extreme of thought. It has grown from the kindergarten. The first source emphasized the utilitarian side, the other came purely as an educational idea. From the union of these two growths has resulted manual training as it is seen to-day in the States, not on the one hand entirely technical and utilitarian, nor on the other as distinctly educational as if it were wholly permeated with the spirit of the kindergarten. \* \* \* It must never be forgotten that mere manual dexterity, or simply the deft manipulation of tools, is not the main object sough—the educational aim must always be kept well in view. Time that is spent in merely perfecting the manipulation required to construct a model which has already been sufficiently well made, is wasted; as an expression of thought and feeling, its purpose has been served, and the increased difficulties of the next step should be faced. A certain amount of manual training vitalizes the abstract book work and the undue amount beyond this point to give increased technical skill tends to draw away attention from abstract studies.

#### Mr. H. R. Reichel:

Manual training in all its branches forms one of the most remarkable features of contemporary education in America, and is exciting special interest in Great Britain. Having myself given particular attention to the subject for several years, I devoted much of my time to it, and especially to the manual training high school. This institution is a characteristic American development. It is essentially a city school and has two objects—educational and vocational—sometimes one and sometimes the other of these being the more emphasized. Educationally its function is to train a side of the mind which would otherwise be left undeveloped; vocationally, to fit boys to enter into the industrial and commercial life of the great cities after prolonging their school attendance to the age of 18.

#### W. P. Groser:

A very interesting, though, I think, uncommon, opinion is that of an authority the general manager of the Baldwin Locomotive Works. He prefers a boy without manual training on two grounds. First, it takes six months to eradicate from such a boy the idea that he knows. He has to unlearn much, since his ideas and methods are not commercial; he wants to do things 'too well' and to spend undue time on them. Secondly, he has rarely had such a good general education, since he likes the manual training and for it neglects less interesting work.

#### ON SCHOOL DISCIPLINE.

#### Prof. Henry E. Armstrong remarks of the elementary schools:

Two striking features in them \* \* \* the air of refinement due to the attention paid to dress, especially by the girls, the preponderating element in most classes; and the attitude of familiarity assumed by the class toward the teacher. Distinctions such as poverty or occupation might well condition even in a democracy are scarcely perceptible. In America the teacher does not seem to be regarded as the natural enemy of the boy—as a person to be circumvented. The method of teaching, which appears to be generally adopted, involves, as it were, the constant exchange of opinion between teacher and pupil—not, as is here the case, either the communication of information to the class by the teacher, or the mere wringing of what is supposed to have been learned from the pupil by the teacher. This method has both its advantages and its disadvantages. \* \* \* It develops that readiness of address which characterizes young Americans and leads children to give their opinions freely—far too freely, many think—on all sorts of subjects; and it encourages cuteness. \* \* \* In American schools there is no enforcement of discipline by means either of penalties or of prizes. Children are put on a footing with grown-up people and treated as young republicans. \* \*

Certainly one great cause of good behavior is the presence of girls along with the boys. \* \* \* The chief hold teachers have on their classes is consequent on their maintaining the interest of the pupils. Many of my colleagues on the commission not teachers—in fact, expressed the opinion on more than one occasion that the teacher was most interesting. But looking below the surface I did not feel satisfied with all that I witnessed. \* \* \* In school, as in the world, uninteresting work must be done sometimes. \* \* \* It is most important to acquire the art of doing uninteresting work in a serious and determined way. \* \* \* It has some serious consequences. One of these is inability to concentrate the attention. Everywhere the heads of the high schools complained that the pupils who came from the elementary schools could not concentrate their attention upon their work.

#### WOMEN TEACHERS.

#### **Professor Armstrong:**

Most of us who are conversant with school work were struck by the distinctly low average of attainment in the American high schools. To what is this attributable? In part to \* \* \* but in large measure also, I venture to think, to the prevalence of mixed schools and the preponderance of women teachers.

Admitting that it may be possible, even desirable, to bring up the two sexes together in the earlier years of school life, I venture to think that we must sooner or later come to admit that it is wrong to do so during the later years, if the object be to develop a virile man. To put the matter in very simple terms, it seemed to me on the occasion of my former visit—and the impression was confirmed during my recent visit—that the boy in America is not being brought up to punch another boy's head, or to stand having his own punched in a healthy and proper manner; that there is a strange and indefinable feminine air coming over the men; a tendency toward a common, if I may so call it, sexless tone of thought.

If coeducation be bad in itself, it becomes infinitely worse when the teachers are mostly women; they should rather be men mostly. Nowhere is the claim on behalf of women to equality with men put forward so strongly as it is in the United States. Nowhere, I believe, would it be found to be more disproved in practice, if carefully inquired into. \* \* \* Women have shown—what it was unnecessary to show that they are indefatigable workers; and they have shown that they can pass examinations with brilliant success. But what has been the character of the examinations?

Those who have taught women students are one and all in agreement that, although close workers and most faithful and accurate observers, yet, with the rarest exceptions, they are incapable of doing independent original work. \* \* \* Throughout the entire period of her existence woman has been man's slave; and if the theory of evolution be in any way correct, there is no reason to suppose, I imagine, that she will recover from the mental disabilities which this has entailed upon her within any period which we, for practical purposes, can regard as reasonable. Education can do little to modify her nature. \* \* \*

If it be the province of education to mold the race, there is no other question of greater importance claiming our attention at the present time—especially as the difficulty of obtaining male teachers is increasing day by day. In both countries it is imperative that we should discover means of attracting men with practical instincts and of superior mental gifts into the teaching profession.

#### SCIENCE IN THE SERVICE OF THE STATE.

Professor Armstrong pays a deserved tribute to the work of the Agricultural Department:

The most striking illustrations of American organizing ability are to be met with at Washington. So far as I am aware, there is nothing anywhere to compare with the way in which science is being utilized in the service of the State by the United States Department of Agriculture, which is located in the Capital. The origin and development of this Department are sketched in a separate bulletin published in 1898. \* \* \*

The Agricultural Department in Washington is not merely an office—it is also a busy hive of research. A large number of laboratories are attached to it, in which investigations are being carried on, bearing, in one way or another, on problems in agriculture. \* \* \* No question that the research work done under the auspices of the Agricultural Department and in the experiment stations is of the very greatest value, and is contributing most materially to the development of agricultural industry. \* \* \* In 1884 the amount of sugar made from sugar beet was only about 300 tons, the beet crop of the past year is estimated to yield 400,000 tons; the amount of sugar made in the United States from the sugar cane being only about 300,000 tons. \* \* \*

The work that is being carried on in New York State under the direction of Professor Bailey, the director of the College of Agriculture at Cornell University, Ithaca, may be referred to in further illustration, as this is now a head center of the naturestudy movement.

#### Professor Armstrong concludes thus:

It is quite clear that the right spirit is at work in the United States: but the lack of the critical faculty and of depth of purpose, combined with an excessive development of the utilitarian spirit, are serious drawbacks at present and militate against progress in education. Until higher ideals prevail, and sober calculation takes the place of a somewhat emotional and superficial consideration of its problems, it will be difficult to introduce reforms.

Mr. Fletcher remarks on the general good behavior of pupils and supports Professor Armstrong's views as to coeducation in this one respect:

I have spoken somewhat depreciatingly of the quality of the work—of the actual attainment, that is—in the schools. It is all the pleasanter to be able to speak in very high terms of their discipline and general tone. In nearly every high school I visited I was greatly struck and pleased with this. I generally went about alone, unannounced, and often unobserved, in the great corridors and staircases, and am satisfied that in the main I saw just the ordinary everyday behavior—and it was singularly good. \* \* \*

I attribute it partly to the presence of girls. At these ages girls are more docile, more conscientious, and more anxious to work. Partly also to the presence of women teachers, who bring in gentler manners, and when they are good women—as they notably are—probably win more easily the consideration and good feeling of boys.

He discusses the coeducational effect at length in its other phases:

In the Western States coeducation (of boys and girls) is general, both in schools and in universities. In the large cities of the East and in the eastern colleges and univer-sities it is more rare. In the West the system has grown up from the beginning, and I found very few people indeed who questioned its wisdom and, except at Chicago University, where men and women are now separated during the first two years of the course, heard of no attempt or wish to change it. In the East it was several times said to me that men (and boys) disliked the system, and when they were free to choose would go to a men's college or a boys' school rather than to a coeducational institution. One professor told me that in his opinion it effeminized the men too much-occupations and sports in which women could not join were dropped, and men took their exercise in dancing instead of cross-country running. Beyond these I got no tangible objections to the system. Morally, I think my informants without exception held it very beneficial. The head of a university told me that he noticed that classmates often subsequently married and that these marriages turned out notably well-men and women getting to know and understand one another thoroughly in the broad intercourse of university life and choosing wisely. I got some further confirmation of this view from old students who had married in this way. One, on the other hand (a bachelor), told me that they got to know one another too well, that the mystery was too much dissipated, and the attraction to marriage weakened. The two views are not perhaps as inconsistent as they seem at first sight. In the schools the girls are notably more mature than the boys, who seem rather to stand in awe of them, and the sex question is in abeyance-one might compare nature's arrangement to prevent selffertilization in flowers where the stamens and pistil develop at different times. There can, I think, be no question that the influence of the girls-more diligent and more careful and conscientious in small matters-on the boys is good: these work better to escape being beaten. Conversely the robuster, more vigorous habits of the boys, and probably the better work of the best of them, do good to the girls and keep them from sentimental and fanciful ways and give more solidity and breadth to their work. If both necessarily took the same curriculum, there might be the objection that the girls yere burdened with unsuitable subjects. The elective system of studies meets this difficulty: some subjects they take easily in common; others, boys or girls, as the case may be, rarely take. I saw no ground for thinking that the girls suffered from too much work to as great a degree as it is commonly alleged that they do in our own girls' high schools.

Doctor Gray, of Oxford, has presented some very suggestive views on our general practice of coeducation:

This point leads naturally to the question of coeducation, which, in practically all the secondary schools of the United States, is carried on up to the age of 18 or 19. Various opinions, no doubt, may be formed as to the moral value, or the reverse, of that system. The present writer, approaching his study of the matter with a very open mind, unhesitatingly declares that on the whole, from what he has observed, the advantages of this system in day schools and (he believes) also in boarding schools (when carried out under certain well-defined conditions) far outweigh the disadvantages.

The semimonastic system, under which boys, at the most critical stage in their life, are forcibly separated for nine months in the year not only from the refining

influence of mother and sister (as is the case in English boarding schools), but also from free and easy intercourse with girls of their own age, has very serious and obvious drawbacks. \* \* \* The *camaraderie* between the sexes by the system of coeducation is, on the whole, vastly beneficial to the American boy and girl alike, and is largely corrective of (certainly in no way increases) the tinge of effeminacy which the preponderance of the woman teacher alluded to above is unhappily producing. There is an absolute absence (I might well add disappearance) of sexual strain; I found no trace of the awkwardness and shyness between the sexes which is a consequence of want of intimacy, and has a tendency to generate rather than to diminish such sexual strain, and which, existing to some extent in England and accentuated in France, leads, in my judgment, to artificiality and grave moral difficulties in the social system. I never observed on any occasion when I assumed command of the highest classes in American secondary schools, where boys and girls were being taught Latin or English together, a single indication, e. g., that, when a girl was called upon to "construe" or to answer, her utterances and her quasi-public appearance before the class was the signal for any amused recognition of the fact between the boys. On the contrary, the girl was regarded as the classmate and nothing more; no trace of sentimentalism was ever apparent. I may here add that the girls showed a far greater power of concentration than the boys; the attention of the latter seems to flag after half an hour's lecture, even when given by the more interesting teachers. On the other hand, when there was occasion for display of originality, as in the English literature lessons, there was no comparison between the two. The boys far outstripped and showed greater interest than the girls.

Doctor Gray condemns in some of its effects the "preponderance" of female teachers in the secondary schools, but praises some of their teaching:

I think that it is not straining a point to say that the preponderance of female teachers in the higher or secondary schools—I say of set purpose preponderance and not presence—has an effeminating effect on the character of American boyhood. There is a tendency for women teachers, when dealing with boys of such advanced age, to instill (unconsciously, no doubt) sentimental views of facts, rather than to derive principles of conduct from them. This was specially observable in lectures and lessons on English literature and English history, though I hasten to add that in the former subject I listened to some remarkable analytical and exhaustive teaching from the more able women teachers. It is a subject in which they excel.

Doctor Gray has also pointed out our defects in classical teaching and praised our teaching of English:

With regard to the Latin teaching, I found much inaccuracy and antiquated method on the part of the teacher. Looseness of translation is permitted to a degree at which even our moderately equipped teachers would shudder.

There is very little exercise in composition, and what there is, speaking broadly, leads to poor results. The teaching of French was more antiquated still. I found hardly any traces of the enlightened modern system which is rapidly coming into vogue in some of our progressive English schools, where the teachers and pupils talk in the language which they are teaching and learning, respectively.

language which they are teaching and learning, respectively. On the other hand, the teaching of English was remarkably good, and far outstrips anything of which we can boast. I attribute this to the fact that it is a subject which, from the peculiarity of the component elements of American citizenship, has been emphasized from the beginning. It is inevitable that, when there is a vast tide of immigration daily pouring into the country of all nations and languages and tongues, there should be a deliberate and forcible attempt made to assimilate these heterogeneous elements by all the means at the disposal of the Government. The primary machinery to this end is the study of the English language from the kindergarten upward, and there has been on the part of the educational authorities a most scientific and comprehensive scheme for the inculcation of the Anglo-Saxon language in its linguistic, grammatical, and literary aspects. The teaching of English literature in the upper classes of the secondary schools is of the most masterly kind, and I have heard women teachers who are certainly not behind men teachers in the power of exciting interest in this most important subject of education.

Mr. Fletcher praises the discipline of our schools and criticises the teaching, but with gualifications:

The work in the schools is mediocre, the discipline excellent. My business was not, of course, to criticise the American schools, but to see what we could learn from them. This, however, necessarily involves such a consideration of their defects as may serve

to warn us against certain possible mistakes. In estimating the work of a school or class one is constantly exposed to the danger of comparing it with some ideal school (very likely one's own school "as it was in my day") which never existed; but still, making all allowance for the "personal equation," I am satisfied that I saw constantly work done and accepted which few English teachers would accept. I did not, on the other hand, see the grossly bad work which we often get. I concluded that on the whole their average—even of performance, certainly of effort—was higher than ours, but that there is little or no work which we should regard as really good. I can illustrate this most easily from the Latin. I seldom or never heard an absurd translation; I often heard very inaccurate ones, not infrequently uncorrected. The translation was generally very fluent, but there was no attempt at elegance, and it was mostly slipshod. As one teacher put it to me himself, "the American boy has the knack of getting the general drift of a passage, but if you cross-question him as to the details he comes to grief." Most of the work I saw in modern languages and in science was old-fashioned and, I thought, rather barren—too much learning of rules and facts, and too little use and thought.

Prof. John Rhys, of Oxford, speaks of the hesitation which he found among people here to attribute our success in commerce to education:

But Americans one and all are of opinion that to maintain the state of industrial and commercial eminence which they have reached it is impossible to give too much attention to the education of the young of every class in the community. The general belief was well expressed by President Roosevelt when he did Mr. Mosely and his commissioners the honor of receiving us—"Education is not everything," he said, "in the prosperity of the Republic, but to neglect education would be the ruin of the Republic." This is a lesson which Scotsmen have long ago learned, and there is no difficulty in teaching it to the Celts of either Britain or Ireland, but there is a type of Englishman, the undiluted Saxon, who can not realize it or form a correct idea of the nature of the modern competition for the trade of the world; so he consoles himself with the oldfashioned maxim that trade will always follow the British flag, and he fails to recognize that the flag to be so followed must in the future be the symbol not merely or mainly of brute force, but of brain power.

Perhaps I ought to touch in passing on the subject of the coeducation of the sexes, though I have no original contribution to make to the discussion. As a Welshman I have been acquainted with coeducation from the days of my childhood upward, and the University of Wales recognizes it to the fullest extent. \* \* \* On the whole I am inclined to regard coeducation as offering young men and young women useful opportunities of sounding one another's character and temper; the comparatively few premature engagements to which it may lead are I imagine far more than counterbalanced by the number of unwise marriages which it prevents. At any rate the prevailing sense of America seems to favor it, especially in the Central and Western States.

He gives expression to his kind sentiments toward Americans:

The cultured American is always popular among us, but not one-half of his charm of manner and old-fashioned politeness is known to those who have not had the pleasure of making his acquaintance at home. An Anglo-Celtic nation which, while still in the making, has produced an Emerson and an Edgar Allan Poe, has a great future before it, not only in applied science and mechanics, but also in letters and refinement; and the mother country might do worse than take some wholesome lessons from so friendly and so promising a daughter; a few such have been pointed out in their proper places in the body of these remarks.

# CHAPTER II.

# EXTRACTS FROM THE REPORT OF THE MOSELY EDU-CATIONAL COMMISSION TO THE UNITED STATES OF AMERICA, OCTOBER-DECEMBER, 1903.

#### CONTENTS.

	Page.
Introductory statement by the American editor	11
Preface to the report, by Mr. Mosely	12
List of the members of the commission	18
Joint report of the members	19
Extracts from individual reports, relating to the following subjects:	
Administration	20
Buildings and equipments	21
The training of teachers	22
The elementary schools: Methods and subjects of instruction.	
Secondary education	28
Manual training and business high schools	
Higher technical and agricultural education	33
Spirit of American educational systems.	

#### INTRODUCTORY STATEMENT.

The volume of reports of the Mosely Educational Commission comprises a preliminary statement and preface by the originator and inspiring chief of the commission, a joint report signed by the 26 members of the commission, and a separate report by each member. These individual reports are also summarized very briefly in the introductory pages. The preface by Mr. Mosely, and a full list of the members of the commission, are presented below, followed by the joint report of the members. To these selections are appended extracts from the individual reports, collected under appropriate headings.

In his personal report Mr. Mosely specifies the particulars to which the investigation of the commission were directed, and which it is evident from the special reports were kept constantly in view by the individual members. Apart from this general aim, they were to examine in their own way the educational matters which came under their observation. Mr. Mosely's standpoint was that of a business man whose opinions, even when in accord with those of the educational specialist, were reached by a different process. The entire commission was impressed by the intense belief of the American people in education, the lavish expenditure for its support, the conviction of business men that education is a good investment, the advantage to a nation of a liberal course of general education easily accessible to the masses, and the special importance of technical training as organized in this country.

With respect to the extent to which education has been a producing cause of the industrial prosperity of the country, opinions were varied. Many members of the

commission were disposed to regard education rather as an outcome of the energy developed by the wonderful physical resources of the country and the spirit of enterprise which these inspire. Mr. Mosely differs from this opinion. The impression made upon him by contact with American engineers in South Africa, as he explains, gave rise to the commission. This impression, it is interesting to note, was deepened by his observations in this country. But both his own convictions and the opinions of the able company of experts who formed his commission will be best gathered from the reports themselves as here cited.

#### PREFACE.

As the originator of the industrial commission to the United States in 1902, I propose in the present instance to follow the course adopted in connection with the report on that occasion, viz, to write a short introduction, giving my own impressions, not as an educationalist, but simply as a business man, and to leave the various members of the commission who have made a special study of education in practically all its aspects, from primary teaching in the board schools to advanced university practice, to state their views and conclusions in their individual reports.

The story of the origin of the industrial and educational commissions to the United States takes me back to South Africa some fifteen years ago. I had for many years been engaged in mining operations at Kimberly, which, in common with the work of the great bulk of the diamond diggers, had proved unremunerative, when Gardner Williams, the California engineer, arrived in South Africa and took over the management of the De Beers Company, which the late Mr. Cecil Rhodes was just then amalgamating. Gardner Williams in turn imported the late Louis Seymour. To the latter, by the way, the British nation owes a debt of gratitude for his engineering work in Natal irr the early stages of the recent Boer war. By repairing bridges as fast as they were destroyed by the enemy, and so keeping open the lines of communication without which operations in Natal would have been impossible, he and his volunteer company did yeoman service, and ultimately he lost his life while leading some of his men to cover in the defense of a bridge at Zand River. Gardner Williams and Louis Seymour were followed by many other American engineers, including Perkins, Jennings, and Hammond, the two last, it is interesting to note, being graduates of Harvard University. Under the guidance of these able men and many others the development of South Africa was started, and in my opinion her mining centers largely owe their primary success and subsequent prosperity to their efforts. Others from England and elsewhere have, of course, helped, but to Gardner Williams and Louis Seymour belongs the honor of being the first to put mining in South Africa on a sound basis, and to begin the building up of what is now one of the most important industries in the world, and certainly one of the richest heritages possessed by Great Britain.

The success of these engineers turned my attention to the United States, and some years ago I paid my first visit there for the purpose of seeing what sort of country it was that was responsible for sending so many level-headed men to the Cape. I spent some months in the country investigating, and was astounded at what I saw around me, not so much at the state of development that had been reached at that time as at what I discerned of the future. I felt that a country teeming with such natural resources must, in the hands of capable men thoroughly acquainted with their business, play an important part in the future of the world, and was bound to exercise a far from negligible influence upon the industries of the United Kingdom. So far as I was able to ascertain, the form of education given in the United States is responsible for much of its success, and I returned home determined, if possible, to get together a party of experts to visit the country and test the soundness of my conclusions. I felt that not only must we investigate the educational system in vogue, but that the workmen, through their trades unions, should also be given an opportunity of seeing at first hand what is being done on the other side of the Atlantic. Holding these opinions, I organized my two commissions, the work of which is now too well known to require any long description from myself. The great question which the industrial side had to answer was: "How is it that the United States can afford to pay half a dollar in wages where we pay a shilling, and yet compete with us in the markets of the world?" The reply is to be found in my own views on the subject, and in those of the subjects placed for investigation before my education commission were: 1. The development of individuality in the primary schools.

2. The social and intellectual effects of the wide distribution of secondary education. 3. The effect of specific instruction given (a) in business methods; (b) in applied science.

4. The present state of opinion as to the value of professional and technical instruction of university rank designed with special reference to the tasks of business life.

My first duty, which is only a pleasure, is to thank the good people of the United States, especially those connected with education, for the help they so freely offered States, especially those connected with equication, for the near the states, and for their hospitality—almost overwhelming in its volume. My origi-on all sides, and for their hospitality—almost overwhelming in its volume. My origiwith a view to preparing the way, I went to America provided with letters of introduc-tion from Mr. Choate and Mr. Sadler to a great number of leading educationalists and other citizens, President Murray Butler, of Columbia University, generously placed his services at my disposal and undertook to work out the whole scheme for me; and since then I have made two trips to the United States and consulted with him, besides having had much correspondence in connection with the work. I can only express my deep sense of gratitude for having had the benefit of his untiring energies and magnificent organizing capabilities, which have rendered the task of the commissioners one of complete ease. The whole tour was mapped out for us, and at each place we visited committees were appointed to receive us and show us all that there was to be seen; and again, I must tender my thanks to those committees in New York, headed by Doctor Maxwell, of the board of education, and at the various points visited by the commission, for their devotion to our cause and for the infinite trouble they took on our behalf. The committees to which I refer consisted in most cases of from six to twelve gentlemen, representing various phases of education, so that we were able to separate into groups and to visit the particular institutions in which each delegate was more especially interested with the greatest advantage and the least possible ex-penditure of time. In every city to which we went banquets were arranged, and the principal educationalists there invited to meet us—a course inaugurated by President Butler, who, himself, two days after our arrival, gave us a most charming banquet at Sherry's, in New York, where we met not only local educationalists and notable citi-zens, but also the presidents and professors of universities for hundreds of miles round who came to discuss and to assist. On that occasion we listened to some most interesting speeches, as, in fact, we did throughout our tour. It was suggested by one of the speakers that the early pioneer spirit, which had to fight the Red Indian and subjugate the country, might well be responsible for the success of the United States apart from From this expression of opinion I beg to differ. education. During the many years I spent in South Africa I saw the same class of men visit its shores, and yet compara-tively little progress was made, not because the country had no resources, but because education there had not reached the same high plane that it has in the United States.

On leaving New York the whole commission traveled to Washington, where President Roosevelt honored us by giving us a reception at the White House, and making a most interesting address to the delegation. One notable passage in his speech was the reference to his belief that while education could not make a country, the nation that neglected to educate its people would be assuredly undone in the long run. From Washington we journeyed to Baltimore, Philadelphia, New Haven, Boston, Niagara, and Chicago, certain of the commissioners seeing also many educational institutions off the beaten track. At Chicago the party, already reduced in numbers by various members having separated from it for the purpose of special investigations finally dissolved, some being dispatched on missions of inquiry as far west as California, others going West and Northwest, some into Canada, while a considerable number returned East via Indianapolis, Dayton, and Pittsburg. The longest stays were made at New York (some ten days) and at Boston and Chicago (a week each).

Although I do not desire in any way to encroach on the reports of the delegates, nor do I pose as an educationalist, a few remarks from myself may be of interest. One of the things that struck me all through the United States, was the large amount of money devoted to educational purposes, the buildings being magnificent and the equipment lavish. The teachers seem fired with enthusiasm, and there is a thirst for knowledge shown by pupils of all ages which is largely lacking in our own country. In contrast to our education, which has to a large extent been 'classical,'' I found that in America it is the 'practical'' subjects which are principally taught, and technical classes and schools are to be found everywhere. There are also excellent opportunities for those going into the professions to take up classical subjects; but with the ordinary 'everyday'' boy who has to fight his way in the world, the bulk of the time is devoted to practical subjects likely to be of most use to him in after life. American boys remain at school much longer than is the case here, often in addition passing through to the secondary schools and colleges at little or no expense to their parents or themselves. I am dis-

ED 1905-VOL 1-5

posed to think that our own boys leave school much too soon. The arrangements here in regard to school vacations in agricultural districts are not such as best meet the needs of the farming class. In the United States the terms are so arranged that during harvest time, when the boys can be of real assistance to their parents and at the same time get the good fresh air from the fields, the schools are closed; but the Christmas vacation is very short. My observations lead me to believe that the average American boy when he leaves school is infinitely better fitted for his vocation and struggle in life than the English boy, and in consequence there are in the United States a smaller proportion of "failures," and fewer who slide downhill and eventually join the pauper, criminal, or "submerged tenth" class. The aim of education in America is to make every boy fit for some definite calling in life, and my own experience leads me to think that nearly every lad if properly trained is fit for something. All can not be great successes, and clever, successful men are to a large extent born, not made; but I do believe that it is possible to teach every lad some branch of industry that will enable him to earn an honest livelihood and make him a help rather than a burden to society. As I have said, the true-born American does not become a drag upon his fellows, but takes his place as a respectable citizen, earning his living soberly and honestly.

The types of men that the educational methods of America have developed appear to me to be entirely different from what we produce at home. President Murray Butler, for instance, is not only a man of great learning and high academic attainments, but or chairman. Another instance is President Eliot, of Harvard University, who not only presides over that institution, but steps out into the area of public affairs to give the people the advantage of his great learning and experience; he is also one of the moving spirits of the Civic Federation—an institution for the settlement of labor disputes, not so much by arbitration after a rupture has openly occurred, as by bringing the parties together for conference in order that they may adjust their differences at the very earliest sign of a dispute. Again, President Harper, of the Chicago University, is a man of enormous resource and organizing capabilities, a professor of the dead languages, who has made a special study of Hebrew and the Semitic tongues generally; he not only to bring it into existence. Mr. Rockefeller, of the oil industry, has given immense sums to help this university. Pratt Brothers, in providing enormous sums of money for the Pratt Institute, besides giving it their time and attention, also form another striking object lesson; and the Cooper Union—supported by the Hewitt family, is performing more than useful service to New York. Many other names might be mentioned, for everywhere one is confronted with the same alert, up-to-date, organizing men, who possess these business qualifications in addition to their academic learning. How does this compare with our own professors and heads of universities, etc.? I must leave the reader to draw his own conclusions.

Another point that struck me was the intense belief of the Americans in the education of the masses. They feel that their country can not progress and prosper without it, and that if the people are to be raised it must be done through the medium of education. Not only do they see in it a "moral policeman," but they argue also that in the long run it is far more economical to educate the people than to have to support in the prisons, workhouses, etc., the unfortunates who, through an inferior education, or none at all, have been left unfitted to earn their livelihood. It is felt, indeed, throughout the United States that education is their safety and salvation; in the words of President Roosevelt, when addressing the commission at Washington (which I again take the liberty of quoting), "Education may not make a nation, but a nation would certainly be ruined without it."

Further, from a purely business point of view, Americans see in the money spent on education a magnificent investment for their country. Their conception of the matter from this aspect is well illustrated by a presidential address delivered in December, 1903, by Mr. James M. Dodge to the American Society of Mechanical Engineers, on the "Money value of technical training." <sup>a</sup> In this he outlines the actual progress made by four groups of men working in the mechanic arts—the unskilled labor group, the shop-trained or apprentice group, the trade-school group, and the technical-school group—and plots out his average results in a graphic form on the chart which is here reproduced. The curves scarcely need explanation; each shows the average progress in earning capacity of the groups to which it refers.

It will be seen that for the unskilled-labor group (though the data are lacking for its early progress) the maximum is lowest but is earliest reached. The apprentice, regarded as the representative of the shop-trained group, begins to earn \$3 a week at the age

<sup>&</sup>lt;sup>a</sup> Mr. Dodge also expressed his ideas on this subject in a somewhat different form in the November number of the St. Nichelas Magazine, and I have to thank the editor for courteous permission to make use of the article.

of 16 (\$3 a week for fifty weeks = \$150 = 5 per cent on \$3,000, which is, therefore, taken as his "potential or invested" value); his wages, and therefore, his value, rise rather more rapidly than those of the unskilled laborer, and his maximum is somewhat higher. The average member of the third group spends three years at a trade school, which he leaves at the age of 19 and gets a situation at \$12 a week—as much as is earned by the apprentice group at 21—and his earnings increase up to \$22 a week at the age of 25. Data are lacking to determine his further progress, but the presumption is that the rate of increase will slacken, and the curve will ultimately become parallel to that of the shop-trained man, though higher on the chart. The fourth class consists of those who istay at school till 18, and then study at one of the higher technical institutes till 22, when they begin practical work. At that age their average weekly value is \$13, or \$5 less than that of the trade-school group. But the difference is soon made up, and at the age of 25 the two groups stand level, but the curve of the technically trained men subsequently continues to rise rapidly long after that of the trade-school group has (probably) become level.

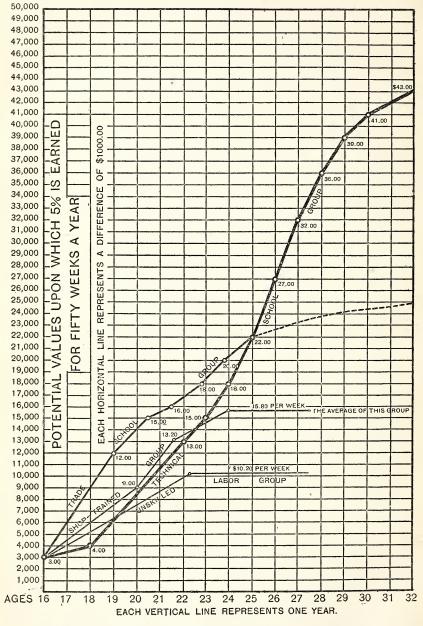
Again, while our rich men spend large sums upon sport of various kinds, it appears to be the hobby of moneyed Americans to devote enormous amounts of money to the endowment and equipment of various educational institutions. They pass their lives in strenuous work, and their labors in building up industries and developing territory are of infinite value to their people, recalling what was the ideal of the late Cecil Rhodes, viz, that the truest philanthropy consists in creating industries and fields of industry to occupy the masses and afford them remunerative employment.

It has sometimes been urged that the American is a materialist. Those who hold such an opinion can not, I think, have carried their analysis very deeply; and they fail to distinguish between materialism and ambition—qualities in reality as wide apart as the poles, although very easily mistaken at first sight. The one has every vice, the other every virtue. Personally, I credit the American nation with an intense ambition not only to raise themselves individually, but also to use their efforts for the raising of their fellows and for the furtherance of civilization.

Again, I have heard it urged in America there is no aristocracy but that of money. Once more I beg to differ. The contention may on the surface appear to be true, but if the matter be probed a little deeper it will be found that in reality the aristocracy of money is an aristocracy of brains, for the reason that since few of the people of the United States have, as yet, inherited riches, the fact that they have succeeded financially and become wealthy is a proof that they must have possessed remarkable ability and brain power in order to achieve their success.

I would mention that, though I was not in the States to criticise. I was desired by many of those interested in education there to do so; and although I prefer in general to leave this matter to the expert judgment of my commissioners, there were several notable points that struck me forcibly. One was the large preponderance of women teachers in all branches of education throughout the country. Personally, I should favor the employment of female teachers for both boys and girls up to the age of, say, 12 years; for the reason that (as it appears to me) the woman claims the sympathy of children in younger years, and understands the working of their minds in a way and to an extent that no man can. Beyond this point, however, I am in favor of turning the pupils over to men; and here, if I may say so, American education, in my view, requires some overhauling. Not only did I find comparatively few men engaged in teaching, but also few preparing to become teachers; and upon further investigation I discovered the reason to be in the smallness of the remuneration, which is insufficient to attract a good class of men. This I think a serious defect, and I venture to suggest that higher salaries should be paid to teachers of both sexes, but especially to men, in order to make it worth their while to take up the profession not merely as a duty but as a remunerative occupation. A second point I noticed was the neglect of musical talent among the school children. How music makes for a bright and happy home and tends to raise the standard of life from an idealistic point of view need not be enlarged upon, yet nowhere did I find instrumental music forming a part of the instruction, and in the few cases where vocal music was included it was but poorly taught. The same characteristic prevailed in the homes of the people, many of which I had the privilege of visiting on my various trips. Usually there was a handsome piano in the house, but I saw few signs of its being used. Occasionally there were also other instruments, such as

The question of sports in the American schools as compared with those of this country also impressed me. Of course the people of America are fond of sport and take a keen interest in baseball and football; but such matters do not form anything like so important a part of the everyday life of the schoolboy there as is the case here, and not nearly EDUCATION REPORT, 1905.



THE MONEY VALUE OF TECHNICAL TRAINING.

so much time is devoted to them. Further, schoolmasters in the United States are chosen purely for their academic attainments and power of imparting knowledge to their pupils, without reference to their athletic qualities or achievements. The absolute devotion to sports, to the exclusion of almost all other interests, which of late years has crept into all classes of English schools, forms, I think, one of the weakest points in our educational system.

Although, as already stated, my position has been that of an observer and not a critic, yet having been asked to criticise not only American education, but other matters, I feel bound to say that during my travels in the United States I have seen many minor faults. I would, however, add that these faults are, in my opinion, merely those of youth. The country has grown too quickly, but on the whole I think its people are working out on sound lines the main problems that have to be faced by any young country. One often hears American municipal affairs referred to as unsatisfactory. Being but a visitor and not a resident, I have, perhaps, no right to pass an opinion, especially as I am unfamiliar with the particular points condemned; yet I can not help feeling that so long as residents and citizens of the better class remain aloof from public affairs so long will municipal government be of an unsatisfactory nature. The remedy is therefore largely in the hands of the people themselves.

Looking into the future of our own country, I feel bound to record my belief that the régime of the past, however successful it may have been, is obsolete. Honesty, dog-gedness, pluck, and many other good qualities possessed by Britons, though valuable in themselves, are useless to-day, unless accompanied by practical, up-to-date scien-tific knowledge, and such knowledge only becomes possible with an enlarged and enlightened system of education, such as the United States possesses. I feel that if we are to hold our position as the dominant nation—or one of the dominant nations—of the world we can not afford to lag behind in educational matters as we are now doing. What struck me in going through the public schools, whether primary or college, of the United States was the success attained in making the scholars self-reliant, in bringing out their individual qualities, and teaching them to reason. Professor Armstrong, one of the commissioners, in his presidential address to the educational section of the British Association at Belfast, in 1902, laid special stress upon this point, stating that while we recognize three "R's" in our system of primary education, we need to have four-the last being the development of the reasoning power in the scholar. In some respects this seems to me to be the most important factor of all in American education, and I think it largely accounts for the success of the pupils in after life. Their individuality and reasoning powers are developed to the fullest extent, and as a consequence they make up their minds at a comparatively early age to carve out a career for themselves. The teachers appear to be able to accomplish a sifting process whereby a scholar's strong points are singled out and developed, for it is being realized in the United States that all-round knowledge, although useful in itself, must in the present day of fierce competition be supplemented by the work of specialism; and the bulk of American boys on leaving school, I believe, start out with the fixed determination to take up a certain line of work, having largely fitted themselves for that occupation

or profession while at the public school or university. The teaching of the colored races in America was, I think, a novel feature to those of the commissioners who investigated it, and I venture to think the subject an important one when it is remembered that the British Empire is largely composed of colored people. The work that is being undertaken by Booker Washington for the uplifting of his people, the colored races of the United States, fills me with admiration and hope for their future, although I do not believe that (except in isolated instances) the colored races will ever become serious competitors with whites under similar conditions.

I am in hopes that much good will be the outcome of this commission of inquiry, and I think that many of its members will have been convinced, as I am personally convinced, that if the British Empire is to hold its own our old industrial methods will have to be dropped, and especially our present method of popular education will have to be changed. Enormous strides are being made by the United States, with its truly wonderful natural resources to draw upon. On the other hand, Germany, which is also making giant strides, has not such natural advantages, but has made her progress solely through the force of scientific knowledge and the education of her people. To come nearer home, one is confronted with the fact that the Scotsman's success, whereever he goes, is proverbial, and although doubtless his fine characteristics stand him in good stead the fact remains that Scotland has been ahead of England in the education of her people.

I am an intense believer in the ability and stability of the Briton, but he can not successfully face the competition of the world with the obsolete weapons now at his command. The warning of the Prince of Walcs came none too soon. If we wish to hold our own in the world's race, we must indeed "wake up." We have magnificent material; it remains with the nation at large to decide whether or not it shall be properly utilized.

I have just lately received a letter from Philadelphia containing the following paragraph, which I think so much to the point that I quote it exactly as written: "Conservative schoolmen are never apt to approve of any fundamental improve-

"Conservative schoolmen are never apt to approve of any fundamental improvement in educational methods. Such people in our country must be compelled to stand aside for the march of events. We can not wait for them to die, as nations have done in past centuries. The development of the steam engine, the application of electricity, the growth of great cities have come on so rapidly, utterly changing not only parental relations for a large part of the people, but also many industrial, moral, and civic conditions, that we find ourselves all at once up against several problems of vast importance, and we conclude that they must be solved by means of the schools. Old methods, however, will not answer the purpose of the new conditions, which demand intelligent training in the practice as well as the theory of morals and citizenship as in engineering in its various branches."

In conclusion, I must return for a moment to the early part of my preface dealing with the object of the commission. This, as set forth in the questions numbered 1 to 4, was to ascertain how far education in the United States is responsible for her industrial progress. In America, where there is so much to see, one is tempted to leave the main question and take up side issues. The essential feature of the inquiry was, however, never absent from my own mind. It was the principal object with which we started out, and all my efforts were directed solely to that end. I trust this was also the case with all the commissioners, and that it was the mainspring of all their inquiries; but how far it was so I must leave the reader to judge for himself.

A. MOSELY.

### THE MEMBERS OF THE COMMISSION.

- Arthur Anderton, esq., J. P., alderman, and chairman of the technical instruction committee of the West Riding County Council. (Nominated by the County Councils Association.)
- Henry E. Armstrong, esq., Ph. D., LL. D., F. R. S., V. P. C. S., professor of chemistry in the city and guilds of London Central Institute.
- W. E. Ayrton, esq., F. R. S., professor of physics in the city and guilds of London Central Institute, past president of the Institution of Electrical Engineers.
- Thomas Barclay, esq., LL. B., Ph. D., late president of the Paris Chamber of Commerce.
- A. W. Black, esq., J. P., mayor of Nottingham, chairman of the Nottingham Education Committee.
- R. Blair, esq., M. A. (Edinburgh), B. Sc. (London), assistant secretary for technical education of the department of agriculture and technical instruction, Ireland. (Nominated by the department of agriculture and technical education, Ireland.)
- J. Rose Bradford, esq., M. D. (London), D. Sc., F. R. C. P., F. R. S., professor of medicine, University College, London.
- Harry Coward, esq., president of the National Union of Teachers. (Nominated by the National Union of Teachers.)
- The Reverend Professor Finlay, S. J., F. R. U. I., member of the intermediate education board and the technical education board, Ireland; professor of political economy, University College, Dublin. (Nominated as official representative of the board of agriculture and technical education of Ireland.)
- T. Gregory Foster, esq., B. A., Ph. D., assistant professor of English in University College, London, and secretary to the college.
- W. C Fletcher, esq., M. A., late fellow of St. John's College, Cambridge; head master of the Liverpool Institute, Liverpool.
- W. H. Gaskell, esq., M. D., LL. D., F. R. S., fellow of Trinity Hall, Cambridge; university lecturer in physiology.
- The Rev. H. B. Gray, D. D. (Oxford), warden of Bradfield College.
- W. P. Groser, esq., of the Inner Temple. (Representing Parliamentary industry committee, and to inquire into legal education.)
- Alderman J. R. Heape, J. P., vice-chairman of the education committee, chairman of the Rochdale Technical School.
- The Rev. A. W. Jephson, M. A., member of the London School Board.
- Magnus Maclean, esq., M. A., D. Sc., F. R. S. E., professor of electrical engineering in Glasgow and West of Scotland Technical College, Glasgow. (Nominated official representative by (1) Glasgow and West Scotland Technical College; (2) Edinburgh School Board; (3) the technical and secondary education committee of the Ayrshire County Council.)
- The Rev. T. L. Papillon, M. A., vicar of Writtle, Essex; late fellow and tutor of New College, Oxford; formerly fellow of Merton College.
- Herbert R. Rathbone, esq., B. A., barrister at law, member of the education committee and deputy chairman of the committee on elementary education, Liverpool.

- H. R. Reichel, esq., LL. D., late fellow of All Souls' College, Oxford; principal of University College of North Wales, Bangor, and member of the Welsh Intermediate Education Board. (Nominated as official representative of university colleges of Cardiff, Aberystwyth, and Bangor.)
- John Rhŷs, esq., M. A., D. Lit. (Oxford), Hon. LL. D. (Edinburgh); professor of Celtie, and principal of Jesus College, Oxford; fellow of the British Academy.
- W. Ripper, esq., M. I. C. E., professor of engineering in University College, Sheffield; member of the Sheffield Education Committee.

Charles Rowley, esq., M. A., J. P., member of the Manchester Education Committee and of the Manchester School of Technology; chairman of the Manchester School of Art.

A. J. Shepheard, esq., chairman of the technical education board of the London County Council.

A. Edmund Spender, esq., B. A. (Oxford), barrister at law; director of Plymouth Girls' High School; member of Plymouth Chamber of Commerce Executive; member of committee of the Mount Edgcumbe industrial training ship.

John Whitburn, esq., member of the education committee of Newcastle-on-Tyne

# JOINT REPORT.

The undersigned, members of the Mosely Educational Commission, are deeply impressed by the evidence they have gathered in the United States of the absolute belief in the value of education both to the community at large and to agriculture, commerce, manufactures, and the service of the State. Although, in the past, the belief in education has been the effect rather than the cause of American prosperity, during the last quarter of a century education has had a powerful and far-reaching influence, and it can not be doubted that, in the future, it will become more and more the cause of industrial and commercial progress and of national well-being. They are satisfied that, in years to come, in competing with American commerce we shall be called upon to face trained men, gifted with both enterprise and knowledge. They desire to impress on the British public the absolute need of immediate preparation on our part to meet such competition.

They have also been impressed with the spirit which animates both teachers and pupils and by the manner in which the two classes cooperate in the schools and colleges. Willingness, if not an overwhelming desire, to learn seems to characterize the scholars, and teachers seem to be possessed of but one wish—that of helping their pupils in every possible way. The absence of class prejudices and of any "religious difficulty" serves most materially to facilitate the work of the schools.

The closest connection is being established between theory and practice, the practical bent of the men of letters and science and the breadth of their outlook being very remarkable. The services of experts in various branches of knowledge are, therefore, held in high esteem and are in constant demand.

The important part which manual training is beginning to assume in the schools struck them very forcibly. Such work appears to be in many ways of high value as an educational discipline, especially in developing handiness and alertness, and in familiarizing the scholars with constructive processes.

They have been much impressed by the liberality displayed, not only by the public but also by private donors on behalf of education, as evidenced by the wealth of provision in the form of buildings and equipment which is everywhere made. On the other hand, they observe that the remuneration of teachers is by no means always placed on a satisfactory basis, and they have also been led to view somewhat with alarm the growing preponderance of women teachers.

alarm the growing preponderance of women teachers. Lastly they would draw attention to the extent to which the work of education is organized and its various grades coordinated, whereby harmonious working is secured and overlapping avoided. The need of effecting such organization in this country, which was before apparent, now seems to them imperative, in view of the experience they have gained in the United States.

Although individual members of the commission have expressed their thanks both to Mr. Mosely and to all those who have assisted them in the United States, they wish in their collective capacity to record their high appreciation of the value of the opportunity which Mr. Mosely gave them to gain experience likely to be of signal value to them in carrying on their work at home. They also desire to acknowledge with gratitude the courtesy with which they were invariably received, and to express their deep sense of the obligation under which they have been placed by all who assisted them in their inquiries.<sup>a</sup>

# EXTRACTS FROM INDIVIDUAL REPORTS RELATIVE TO PUBLIC SCHOOL SYSTEMS.

With respect to the systems of public or common schools as developed in the States and cities visited by the commission, their observations were naturally directed to particulars of special moment to England in the present effort at reorganizing and extending her own system. The methods of school administration adopted in this country, the division of responsibility between different classes of officials (as for example, State and local), school buildings and equipments, the training of teachers, the spirit and methods of instruction, the discipline, organization, and scope of public high schools, were one and all subjects of careful investigation by the majority of the members. Extracts from the several reports pertaining to the subjects indicated here follow. In each case reference is made to the author by name only; for further identification the reader is referred to the full list of members, page 18.

# Administration.

MR. JEPHSON (pp. 211–216): The first general impression made on me was astonishment that, notwithstanding the lack of a central authority and the almost complete autonomy of the various States and the big cities, notwithstanding the fact that sometimes we met with a law of compulsory attendance and more frequently did not, notwithstanding that the initial age for schooling varied considerably, and the age for leaving school still more so, there was nevertheless a common type of educational methods to which all the States and cities conformed more or less. Briefly speaking, it may be described as a system where a board of business men look after the finances and appoint a superintendent with large powers to carry out school management.

The absence (except in the Eastern States) of any leisured class of citizens probably accounts for the adoption of this system of public elementary schools and their related high schools being committed to the practically undisputed governance of a superintendent. Whether the people of England would ever approve of such a system is not clear. It has many and distinct advantages: (1) an educationist has control of all schools; (2) changes can be made in curricula easily; (3) one man gets accurate knowledge of his teachers, and can promote the most deserving at once; (4) the whole of the schools are easily coordinated; (5) he arranges for the training and examination of teachers; (6) he inspects and examines the schools when necessary; (7) he arranges for the transfer of pupils to the high schools; (8) if the schools are not prosperous, the superintendent can be changed. The obvious disadvantage is that too much power is placed in the hands of one man; and secondly, that thereby worthy people are deprived of an opportunity of helping on elementary education, of whom we have abundance in England. There is a danger, too, of the system becoming stereotyped, as one man is less open to the onward march of progress than a committee. However, in America this system is universal and works well, and moreover the people are all quite satisfied with the results.

The second general impression made on me was again astonishment at the universal desire for education, and the best kind of education, evinced by all classes of the community. President Roosevelt said to us in the White House: "Education may not have made America, but America without education would be lost. It is the only security in a democratic state." Everywhere the desire for good education exists and grows, with the result that nobody objects to the large sums of money expended in education. In one place we heard of an economizing town council which, finding money scarce, abolished the kindergartens and the evening schools. Public indignation was so strong that after a few weeks the schools were reopened and the city fathers had to try another method of saving money. In many cities one-half of the total local expenditure was devoted to public education. In the State of Kansas (that huge wheat field of the States) six-thirteenths of the whole expenditure was for public education.

From the first it was obvious that we were dealing with an entirely different kind of public opinion on education from that which prevails in England. This may be partly accounted for by the fact that the whole community uses the public schools; all classes meet in the common school, consequently all classes agree in supporting education. This enthusiasm for education in America must be presupposed in every remark I may subsequently make.

Organization and method are natural to an American, and the third impression made on me was that their systematic methods were responsible for a good deal of the success which has attended their administration of education, Schemes, plans, programmes, schedules abounded. No fresh subject could be properly taught until a scheme was drawn up, fully touching all the points and parts properly arranged. In the New York Board of Education, the thousands of cards, fully indexed containing information about each individual teacher of all kinds, afforded a really marvelous instance of the length to which organizing might be carried. There is a danger that this may be carried too far, and too much stress laid on the machine and not enough attention paid to the man who, after all, has to work the machine.

The fourth impression I carried away with me, was the admirable way in which the completely free system of schooling was correlated and coordinated. In every State and city, high schools are to to be found to which the children, having passed through (graduated) the public schools, are sent as a matter of course. These high schools (there are now 6,000 of them in the United States), take children from 14 years of age for a four-years' course, as a rule. There are ordinary high schools, classical high schools, commercial high schools, and manual-training high schools. I append here the courses of instruction in three of the four kinds of school.<sup>a</sup> I omit the commercial high school, as in my opinion too much importance is given to such subjects as shorthand, typewriting, and bookkeeping, which are, after all, only partially educational. \* \* \*

The best children in the primary schools pass into the high school and continue their education till 18 years of age. They can then go to the normal schools or to the university for another four-years' course. All this education is given without charge or fee to the student. This fact accounts for its popularity with many, and also for the large number of students of all classes and kinds. Some of the universities accredit good high schools which come up to their standards, and receive the pupils from them without requiring an entrance examination.

This giving of a free education to all who desire it and can arrange for it is the one feature of the United States education which I desire to see reproduced among ourselves. It is true in the States that many parents deny themselves the small immediate wages of their boys and girls in order that the bright children may be fitted for better and higher positions when they enter the world of business, trade, and commerce. In time parents would do the same in England. The sharp, bright children having an opportunity before them to proceed in the work of education would incline to the high school rather than to earning immediate small wages, and moreover, steps could be taken to keep the bright children at school by those interested in them. It is obvious that each board or national school must have in it each year some one, if not more, sharp child who ought to go on with his or her education. At present these sharp children are lost to the State. A properly organized system of high schools will provide an opportunity for some of the best future citizens of England to advance to their natural capacity.

In most of the high schools evidence was forthcoming that the largest merchants and business men snapped up the young people from the high schools for their workshops and offices. Everybody in America works and has to work. Trade and commerce represent the ideal of an American citizen; consequently everyone has an incentive before him to work and work hard. There are advantages in not having a leisured class of citizens.

### Buildings and Equipments.

MR. H. COWARD (pp. 80-81): We very soon found that the New York schools are very large, the latest opened containing nearly 5,000 scholars, although this is exceptional; the average elementary school usually contains about 2,500 scholars, made up of three departments—kindergarten, primary, and grammar. The buildings are on four, five, or six floors, with a playground in the basement, and often a good gymnasium on the top floor. No pains seem to be spared to secure good electric lighting, heat, and ventilation, though in one or two schools we visited the ventilation did not seem any too perfect. Everybody acknowledges that these buildings are too large, and that the education of the children would be much better conducted in smaller buildings. The reason given for these huge structures is the enormous price of land, but I am told that land is quite as dear in London as in New York, yet the London School Board has not fallen into the same error to any great extent. The buildings of New York are magnificent structures, and no expense has been spared to secure the very best that can be obtained. We saw some buildings that cost from £40 to £50 per child to erect, a sum which would frighten our school authorities at home.

<sup>&</sup>lt;sup>a</sup> The selected courses, which have been omitted in this account, were: General course and classical course, High School of Denver; manual-training high school course and course of study, fourth year, in the high schools of New York.

In the equipment of the schools we are also far behind our New York friends. Nothing "shoddy" or mean is found inside the New York school. "Whatever is the best, is the best for the school," is the motto carried out regardless of expense. On the front wall facing the scholars, and for some distance on each side, there are fixed slates of an excellent quality for teaching purposes. No easels or blackboards were seen in any school. The walls had an abundance of pictures and illustrations, but no maps were displayed, each room being supplied with a complete set of maps and a case to contain them. The principal of each school has an electric bell to each room in the school, and a speaking tube to every floor. He is also provided with an office and a clerk. There is a good wide platform for the principal at the end of the main room in each department, well supplied with chairs, tables, etc., of a good handsome appearance, little things in themselves, but calculated to surround the office with dignity, and consequently influence.

MR. H. R. RATHBONE, who was struck with the imposing architecture of the school buildings in this country and the great care taken to secure proper lighting, ventilating, and heating, was disappointed to find in nearly every instance a lamentable want of playground accommodation.

In the large cities [he says (p. 258)] this is explained by the great expense of land, and even in the younger States of the West, where the question of expense is not yet so serious, hardly anything is being done to supply this deficiency before it is too late. \* \* \* In New York and other large cities the need for playgrounds is now being keenly felt, and something has been done in the recent buildings to meet it by utilizing the basement and roof of the school for this purpose. Americans, however, are not yet fully alive to the excellent opportunities for educational work which the playgrounds and playing fields afford. From the point of view of physical culture, they are most important, but it is not for this only they are valuable, as it can hardly be doubted that they afford a most excellent opportunity for the teachers to study the disposition of the children, and assist in the development of their characters. Moreover, no amount of physical training, especially when it takes place under cover, can, in my opinion, ever be a satisfactory substitute for free, spontaneous play.

# THE TRAINING OF TEACHERS.

MR. ARMSTRONG expresses the opinion that the elementary schools of this country, at least in the larger cities, enjoy an advantage over the English elementary schools in respect to the training of the teachers. "Their teachers," he says (p. 15), "usually all pass through a period of high-school training prior to entering the normal or training school; their outlook is consequently, on the average, somewhat broader. The methods adopted in training teachers appear to be no less academic than ours."

REV. H. B. GRAY was impressed with the grasp that the American teacher has of the "scientific principle of teaching." This he attributed to the fact that the teachers "go through the complete course of the theory of teaching and of the principles of psychology." "It affords," he says (p. 167), "food for reflection, when one remembers that in England the necessity of scientific training for educators has been only recently, and still is grudgingly, acknowledged in the regions of secondary education."

Several of the members record very favorable impressions of the School of Education, Chicago University, and the Teachers' College affiliated to Columbia University with its auxiliary schools, i. e., the Horace Mann Observation School and the Speyer Practicing School. With respect to departments of education which form integral parts of university organization, the opinion is expressed by Mr. FOSTER (p. 124) that—

while good work and substantial progress are being made at these universities, it is clear that the work of training, especially that of training to teach certain defined subjects, can not be altogether met by the ordinary university staff who teach these subjects. But while many in America are willing (and where they are not willing are obliged), as they are in this country, to accept the university degree as an indication of the power to teach, there is, on the other hand, a growing number that believes in the importance of training. He adds:

The important fact brought home to one by all this is that very large numbers of those in authority in America have recognized the need for the professional training of teachers of all grades, and that active steps are being taken to provide the training that is deemed necessary. In this way and in others already alluded to, it will be seen that the teaching profession in America is rapidly acquiring a dignity and force that must make it a great national power.

**REV. A. W. JEPHSON** (pp. 227–228): With regard to the training of teachers in America our experience varied with the different States visited. Naturally New York, with its boundless resources, was fairly well able to supply itself with the necessary staff for its schools, but the effect of the competition caused by the higher salaries offered by New York than other places was felt even in Washington, 228 miles away. In Boston and New York and several other important centers the training of teachers was adequate and admirable. But this was only in a few favored spots. \* \* \*

In some of the places we visited the training was conspicuous by its absence. In fact, in a large number of schools, what are known in England as "Article 68 teachers"<sup>a</sup> were the only ones possible. Owing to the small pay and meager prospects of the teacher, the number of men employed is getting smaller and smaller.

Mr. Jephson was particularly impressed with the work of the Peabody Normal School, Nashville, Tenn., and also with the institute work at Knoxville, under the auspices of Tennessee University.

THE ELEMENTARY SCHOOLS: METHODS AND SUBJECTS OF INSTRUCTION.

MR. H. E. ARMSTRONG devotes several pages to a consideration of the common (graded) schools, noting in particular what appeared to him to be defects. He says, in part (pp. 9–10):

In interior arrangements even the most modern schools are not superior to our own. And there is even less attempt made in them to provide pictorial decoration. Thring's great doctrine of thinking in shape has, if possible, made less advance thus far in the American common schools than in ours.

Much has been said of the importance attached in the American schools to the teaching of patriotism and to the practice of saluting the flag, which prevails in them. This involves the recitation occasionally of the formula: "1 pledge allegiance to my flag and to the Republic for which it stands—one nation, indivisible, with liberty and justice for all." This appeared to me to be a somewhat perfunctory exercise when I witnessed it. Thinking Americans with whom I discussed the question seemed to regard the practice as of some value in cities like New York and Chicago, where a large alien element has constantly to be absorbed into the population; but apparently they were of opinion that it was undesirable as a general practice.

It is almost unnecessary to say that the amount of attention paid in the common schools to reading and composition is in no way sufficient or satisfactory, the neglect of English among English-speaking people being proverbial. Apparently no greater effort is made in the American schools than in ours to lead children to read and to become really fond of reading.

The teaching of drawing is also undeveloped. Simple measurement work in association with drawing, which is being so much advocated here and which is gradually assuming importance in our schools, seems to be almost, if not quite, unknown. I did not learn that the attempt was being made anywhere to put the teaching of arithmetic on a practical common-sense basis.

Although manual training figures in the programme, the interpretation put upon the term seems to be very different from that which is usual here, drawing commonly counting as manual training. In some of the schools, where space permits, woodwork is introduced into the upper classes for boys, and cookery and needlework for girls. The belief in such work is evidently growing; but at present the schools are undoubtedly behind ours in promoting it and even more bookish than ours in their tendencies.

The nature-study lessons I witnessed, when not specifically botanical or zoological and scientific in character, were eminently superficial and worthless.

As all classes attend the common schools, these can not be compared directly with our elementary schools, but must be thought of in connection both with these and with all other types of preparatory schools.

a Article 68 of the Day School Code provides for the employment of women over 18 years of age as additional teachers if approved by the Government inspector, although they are untrained and uncertificated. It will be noted that they are to be employed under a certificated principal.

The Rev. T. A. FINLEY observes (pp. 101–102), with respect to the teaching in our elementary schools, that "in the teaching of every subject the end pursued appears to be a prompt and ready use of the knowledge given, rather than laborious thought and personal mental effort on the part of the pupils." He says further:

The task of the American elementary schools differs in two important respects from that fulfilled by our schools at home. In the first place, they have to form to American citizenship and to train to English forms of speech the children of the immense bodies of foreign immigrants who are pouring into the country. This they do with remarkable success. The skill with which children, who in the home circle use only Italian or Yiddish, are brought to employ English as their familiar tongue, and with which they are imbued with sentiments of American patriotism, is beyond all praise.

In the second place, they do not aim at educating the unskilled laborer for his work in life—the unskilled laborer of America is supplied from abroad, from Italy, Hungary, the Slav countries, and Scandinavia, and at present in diminishing proportion from Ireland. No boy in an American school looks forward to digging and delving for hire as a means of livelihood, nor does any girl contemplate domestic service as her future work in life. Speaking to a contractor who had thousands of men employed on the earthworks of an important contract, I asked him how many of his laborers had been educated at an American school. He answered promptly: "Probably not one." On leaving school the American boy enters an office, a store, or a factory, or becomes apprenticed in a skilled trade; the American girl becomes a bookkeeper, a clerk, a stenographer, or factory worker. She also finds her way into the skilled trades. In New York there are 250 girl members of the printers' trade union. I saw some of them at work as linotypists. They were earning up to \$23 a week, and I was assured by the foreman that they were among the best workers in the printing office. I also found girls in charge of the complicated and delicate machines of tool factories. They were paid \$25 a week. In America machinery has been so perfected that dexterity rather than muscular force is required for its use. Where dexterity is the one requirement the girl may be quite as competent a machinist as the man. And this being so, there is no reason why she should not find ready employment and be admitted into the union of approved workers. It was noticeable in the case of all these girl artisans that they brought with them to their duties those habits of cleanliness, neatness, and order in their persons and their work which it is a chief aim of the American school to inculcate and to form.

MR. W. P. GROSER (pp. 174–175): The common schools vary in every way and to every degree, for each State has its own system and each teacher his or her own individuality. The average of attainment in them is no higher than in England. The progress is slow; the methods are discursive. But the relations between teacher and pupil are much closer, the method of discussion is employed with great benefit to mental development, the pupil's mistake is followed up psychologically, and by these means a more inquiring and critical attitude of mind is produced, with a greater appreciation of the value of education.

The anxiety to hold the attention and the constant divergence into related but irrelevant topics possibly cultivate a large sense of personal importance and an inaccurate and superflicial habit of thought. But a recognition of the unimportance at this stage of the acquisition of specific knowledge, and the all-importance of a spirit of inquiry, individuality, and initiative, is general in the United States. These qualities lead the workman to continue his education, to read the newspapers, and to appreciate the interrelation of branches of knowledge. His intelligence on leaving the common school is not developed to a higher average, but is of a more curious and alert type. Instruction in what may be termed the elements of civics and the insistence with which the national idea is kept before his mind tend to influence his conception of a citizen's position and duties. His association with boys of a higher social station is a factor in the production of the democratic spirit, and has a considerable influence on his subsequent relations with his employers.

MR. HEAPE was impressed with the excellent foundation laid in the kindergarten for "the observation and manipulative work" which follows in the elementary grades, and with the "intensely interesting methods" adopted in the latter. With respect to drawing he says, page 205:

Especially is it noticeable how much use is made of drawing in the schools, not drawing looked upon as an irksome task from uninteresting and uninspiring flat copies, but drawing as a natural mode of expression of the child's thoughts. Nearly every class room is surrounded by wall slates, and on these the scholars are accustomed to draw, frequently making sketches of the characters about whom they are reading, and of the incidents narrated. If they have been on an excursion with the teacher (a quite frequent occurrence), they sketch the objects that most impressed them. In numberless ways this mode of expression is cultivated. In many schools much use is made of color, and the brush is put into the child's hands before and in preference to the pencil. Nature study is frequently an important item in the curriculum. By these means the power of accurate observation, which is so marked in young children, is cultivated, and the facility gained of its being recorded. It is a training in the coordination of eyes, brain, and hands of the utmost importance.

Much work on these lines is already being done in many English schools, but it seems to the writer to be well worth very full and careful consideration as to how far these methods can with advantage be more widely utilized here, especially for our public elementary schools. They certainly vivify the teaching, arouse the keenest interest in the child, stimulate his originality, call out his powers, increase his modes of expression, and, in addition to the actual knowledge acquired, a real lively interest in the work is gained, and this habit of earnest application is carried forward to the higher schools, provided that the curriculum of the latter affords scope for the continued development of the aptitudes thus formed in the earlier stages of training. There is another very valuable result. In working and finding out things for himself a child is accustomed to refer to books placed freely within his reach, and he thus acquires a habit of the very greatest value. A few books of reference in each class room and encouragement to use them are found a valuable instrument in education and in forming habits of self-improvement.

REV. A. W. JEPHSON (pp. 225–226, 227): With regard to the elementary schools (I purposely use the English terms) one or two matters stand out prominently. There are no infant schools. In many places there are kindergartens where one or two classes of children are taken at 6 years of age. These kindergartens are by no means universal, and in many places are still maintained by private benefactions, as the local school authority is not yet convinced of their utility. Our system of infant schools, with the methods now almost universal, at least in London, seems to me to be a far better pre-liminary training for the graded school. In America the work of teaching children of 7 the elements of all instructions is very hard, indeed.

The grading of schools in America is similar to our own method, but the rule of "graduating "-i. e., passing through each of the 8 grades and then solemnly receiving a formal certificate of the fact at an annual function, seems to me worthy of imitation, as it emphasizes the importance of going right through the school and being able to show the certificate as proof of work done. Moreover, a child can not, as a rule, go to the high school unless he has "graduated" in the primary school. The importance attached to "graduation" is common throughout America, and even in the Sunday schools maintained by the various religious communities "graduation" is the rule, not the exception—i. e., a child must pass through every class in the Sunday school just as he or she passes through every class in the grammar or common school (elementary school) before the certificate is given. Another fact which impressed me greatly was the obvious intention of every teacher to get each child to do something of itself. Even in kindergarten the little ones were asked to choose a color and then select beads or sticks of that color. In grade 1 the children were given a series of figures and were expected to make up their own simple sums. Questions from the children were wel-comed and were being constantly put, even in the presence of strangers. As we went from room to room in almost every school we visited we were struck by the large amount of initiative displayed by the children, and this was encouraged by every means in the teacher's power. The children were taught to think, and their studies were intended to train them to observe, to imagine, to reason, to feel, to will, and then studies were intended to train them to observe, to imagine, to reason, to feel, to will, and then to express. One principle underlies the work and determines the method—things, not signs, for things are the true source of knowledge. Objects, facts, phenomena are observed, but then they are always compared, classified, and related. Analysis and induction are used as a means of training. The child from the first is accustomed to think for itself. As Sandy McKay says: "A mon kens only what he has learned hisself." I watched with its rest here the interdement of the interdement of the interdement. with interest boys putting a little original ornamentation into their woodwork, or the girls doing a little pretty stitching out of their own heads. The children were given a story to read by themselves, and next day one is asked to repeat it, and by means of others in the class to get the whole story straight. Or perhaps half a story is told, and the children are then invited to finish it for themselves. In drawing, something is always left for the child's originality. In music (all music is taught by the old notation throughout dependent of the story straight of the story is told and the story below. America) children were asked to write themes on the musical lines and then the class sang them over in turn. As each child sits at a single desk, order is perhaps more easily

obtained, but the very friendly relations between teacher and pupil were really delightful to witness. And this, too, is common throughout America. It was the evident interest taken by each in the others. It was the elder sister and the little ones of the family. This was borne in upon me again and again. There are no school prizes in America.

in America. Nature study is made a great deal of, and in as far as it encourages observation and knowledge of actual things it is no doubt a good thing. Yet there is a danger lest the watters treated of should be divorced from their proper surroundings and place in the everyday life of the child. The plentiful supply of books both for teachers and children struck me as remarkable. The amount of home work done is more than we could obtain in England. Parents in America like to see what the children are doing in school, and make proper arrangements for the child to study at home. Another fact which im-pressed us all was the teaching of patriotism. The flag of America is made very real to the children. In New York and elsewhere the children daily salute the flag and swear fidelity to it—perhaps necessary, as there are so many foreigners in the schools— and everywhere the history of the United States is fully and completely taught. I was glad to find that the old text-books which inculcated hatred to England are being given up and others substituted which contain nothing to which any sensible Britisher can possibly object. "Civics," as it is called, forms a prominent feature of almost every school, elementary and otherwise. Books are used on this subject in every school, and far better books than any I have seen on the subject at home. The result is that every American child knows the extent of what I may now call the "American Empire, Guam, and all." He knows the States and principal towns, rivers, and mountains, and, better still, he knows how he is governed and why. All the complicated arrangements for the election of President are well known. He knows the ministers of state and what each is responsible for. He knows all his own State officials at least by name, and can tell you what they do. This teaching of civics seemed to me admi-rable and might well be copied. Not that I wish to see the "flagolatry" of New York introduced into our schools, but I am strongly of opinion that the Union Jack ought to be displayed on all national occasions, and the children should know something of its history. The books used for teaching American patriotism would be a revelation to most of our authors, compilers, and teachers.

One severe criticism must be made, and that is in the matter of attendance. As I have before stated, some States have adopted laws for compulsory attendance at school and others have not. The American fights shy of compulsion anywhere and everywhere. There is no systematic dealing with absentees. The attendance officers are far too few for the work, and in all the large cities there must be many children who are without education. The spirit of the people is, I know, in favor of sending the children to school, and it is a disgrace to an American citizen not to know how to read and write. Still the fact remains that there is no regular annual scheduling of the children as we have at home, and provision is not made for a place for each child and each child in its place.

MR. H. R. RATHBONE (pp. 262-264, 265): Of the teaching methods in American schools it is, I believe, very easy to come to an unfavorable conclusion somewhat American educators have in view and the difficulties with which they have had to contend. The essential feature of the system is the mastering of the contents of certain well-selected text-books, which, as a rule, are very well written, and before being used are submitted to a severe criticism from a host of critics, who are very often able No doubt this system was first adopted because it was the easiest and most teachers. suitable for use by the partially educated and almost untrained teachers, but in the hands of well-educated and skillful teachers I am not yet satisfied it does not afford opportunities for excellent work. With a few teachers it is simply a system of mem-orizing the contents of the text-book, but with the majority this is not the case. Questions are carefully considered beforehand by the teacher, and are designed so as to probe the knowledge and stimulate the thought of the children. Children, when well taught by this method, seem to catch something of the spirit of research, and feel that through books one of the avenues of knowledge has been opened to their unaided efforts. Librarians in charge of the children's departments in many of the public libraries I visited assured me that children of all ages frequently came to them for advice as to books which would give them additional insight into some subject they were studying in class.

The problem which the American educators seem to me to be attempting to solve is how to give the children those qualities which will make them good citizens and competent workers, men and women who will be resourceful, self-reliant, and adaptable, who will be able to observe accurately, record their observations correctly, compare, group, and infer justly from them, and express cogently the results of these mental operations. They desire, no doubt, that in addition to these qualities and others that might be mentioned the children should have sufficient knowledge to enable them to deal effectively with the problems which they will have to face in after life, but it is the qualities and not the knowledge to which they appear to attach the most importance. What the boys and girls are, not what they know, when they leave school, appears in their consideration to be of the first importance. It is useless, they say, to teach children to read if you do not also teach them why and what to read, and if, when they leave school, they have no desire to read anything of an improving character. They desire, of course, that the boy shall have the knowledge as well as the qualities, and they hope, no doubt, before long to be able to so alter their teaching methods as to effect both objects, but in the meantime they think it is better to concentrate all their efforts on the formation of character, even if in so doing they may give but little knowledge, as when a child leaves school, if he has been rightly trained, he will soon acquire most, if not all, of the knowledge needful to him. I do not think it can be doubted that no small measure of success has attended the efforts of American educators to attain this end.

I have spoken to many business men, English and American, who have offices or works on both sides of the Atlantic, and nearly all agreed that as a general rule the American boy on leaving school, even if he does not know more, which he often does, is more intelligent, resourceful, adaptable, harder working, and more anxious to continue to improve his education than is the English boy of a corresponding age. On attending the American libraries one can not, I think, fail to be struck with the excellent class of literature which is in constant demand by members of even the humblest ranks of society. The attendance at public lectures, evening classes, summer courses at universities, and other similar educational institutions is enormous. From these facts and others of a similar character, I can not help feeling that the American people, as a whole, do not consider their education at an end when they leave school or the university, but realize that they must go on learning all their lives; or, to put the point in another way, the American does not regard the period he spends at school or university as something separate from the rest of his life, but as part of his life. The English boy, on the other hand, too often thinks that he is only beginning his life when he leaves school; the time spent at school is something that has to be gone through, and the sooner it is over, and he has completed his education, the better.

The fact is, I believe, the best work of a school can not be judged by anything an occasional visitor or examiner will see being done in the school. The teachers, who are constantly with the children, may be able to form some estimate of it, but it is only by watching the children after they have left school it can really be tested.

In order to get the training they desire for their children, American educators have introduced new subjects, with the result that the curricula are, generally, overcrowded, and nothing is thoroughly taught. They are beginning, however, to more and more realize that although some subjects are of greater educational value in the hands of some teachers, and for some children, than others, yet it is not the subject, but the way in which the subject is taught, that is of importance. No one recognizes better than the Americans themselves this weakness in their educational system. It is receiving the most earnest consideration from American educators all over the country, and great improvements are every year being effected. In the "Report of the committee of fifteen on elementary education," to which I have already referred, the questions what subjects should be taught, when they should be taught, and how they should be taught are discussed, and the conclusions of the eminent educators who formed the committee are set out.

Another consideration which should be borne in mind in estimating the value of the work done in the American schools is that many educators think that the attempt to secure what is called thoroughness in the branches taught in the elementary schools may be and is very often carried too far, in fact to such an extent as to produce an arrested development (a sort of paralysis in the mechanical and formal stages of growth), and that the mind in that state loses its aptitude for general studies and wider generalizations. \* \* \*

As far as I could judge there is very little direct moral teaching of a formal, didactic character in the American schools. In the opinion of many of the leading educators, I gather, it is generally a waste of time, and may be positively harmful. Yet the training of the heart is by no means neglected, especially in the first six grades. Most of the teachers regard the training of the characters of the children as the most important of the duties intrusted to them, and never, in any of their work, lose sight of it. Indirectly, especially by the improved spirit of discipline, the teaching of history and English literature, a great deal of excellent moral teaching is given.

I had the pleasure of listening on one occasion to a history lesson given by a very able teacher at Brookline to a class of children about 11 years old, where the children took the keenest interest in the character of the leading personages who lived in the period which they were studying, and frequently discussed their conduct. I was delighted to see how much excellent moral instruction the teacher, with consummate tact, managed to get into this lesson; yet I hardly once heard her express her own opinion, and she seemed rather to be leading the children to make discoveries for themselves. Never have I seen a class so intensely interested in its work, and I am sure there was not a child in the room who was not really sorry when the lesson was over. \* \* \*

All American schools begin work by collecting the children together in the assembly hall. A chapter of the Bible is usually read and a hymn or song is sung by all the children together, after which the head teacher, or some one else invited by him to do so, addresses the children. In this way, no doubt, some direct ethical teaching is given, but as to its value opinion is much divided. No doubt these meetings afford valuable opportunities, but the teachers who are capable of making good use of them are limited.

Before passing away from this subject it may be well to mention a point to which many American teachers attach considerable importance, the unifying of the home and school life. In many places I found it was customary to hold one or two meetings each term of the parents of the children at the school, and for the teachers to visit at the homes of the parents, special times being set aside to enable them to do this.

Mr. C. ROWLEY, who agrees in general with the favorable opinions of the elementary schools expressed in the above citations, notes also the system of topical lessons as presented particularly in the schools of Washington, and the admirable manner in which civics is taught as examples worthy of imitation in English schools *a* (p. 347).

# SECONDARY EDUCATION.

The provision of public high schools in the United States was the subject of special investigation on the part of the members of the commission. In general they express the opinion that the organization of secondary education as part of the public school system induces a larger proportion of young people to prolong their studies than is the case in England, and also results in a more uniform level of attainments on the part of students entering the higher institutions. It is noticeable, however, that while the liberal provision of public high schools and the spirit which pervades them are highly commended, a large proportion of the members of the commission agree in their criticisms of the methods of instruction. The average opinion of the members on this subject is fairly represented by the following extracts from the report of Rev. H. B. GRAY:

The methods of teaching, on the whole, are admirably conceived, though they are often not skillfully carried out. There is no "cramming;" there is a great deal of "elicitation." Pupils even in classical lessons are taught to ask the reason why, and their intelligence is drawn out; facts are not stuffed in.

Teaching of languages.—With regard to the Latin teaching I found much inaccuracy and antiquated method on the part of the teacher. Looseness of translation is permitted to a degree at which even our moderately equipped teachers would shudder. Really good scholars in the secondary schools were rare, though I can make one or two favorable exceptions which came under my observation—notably, a classical teacher in Brookline School, Boston. There is very little exercise in composition, and what there is, speaking broadly, leads to poor results. The teaching of French was more antiquated still. I found hardly any traces of the enlightened modern system which is rapidly coming into vogue in some of our progressive English schools, where the teachers and pupils talk in the language which they are teaching and learning, respectively.

Teaching of English.—On the other hand, the teaching of English was remarkably good, and far outstrips anything of which we can boast. I attribute this to the fact that it is a subject which, from the peculiarity of the component elements of American citizenship, has been emphasized from the beginning. It is inevitable that, when there is a vast tide of immigration daily pouring into the country of all nations and languages and tongues, there should be a deliberate and forcible attempt made to assimilate these heterogeneous elements by all the means at the disposal of the Government. The primary machinery to this end is the study of the English language from the kindergarten

<sup>a</sup> For additional citations relative to the methods of instruction and discipline in American schools see Chapter I. upward, and there has been on the part of the educational authorities a most scientific and comprehensive scheme for the inculcation of the Anglo-Saxon language in its linguistic, grammatical, and literary aspects. The teaching of English literature in the upper classes of the secondary schools is of the most masterly kind, and I have heard women teachers who are certainly not behind men teachers in the power of exciting interest in this most important subject of education.

Mathematical and science teaching.—The mathematical teaching was, on the whole, good, its success being due partly to the influence of French methods which had vogue in America in the last decade or two of the nineteenth century. In the better known schools and in the colleges Euclid had been more or less successfully dethroned in favor of the new geometrical methods. The teaching of science in all its branches appeared admirable, being, of course,

The teaching of science in all its branches appeared admirable, being, of course, largely helped forward by the magnificent apparatus and liberality of space, which are at the disposal even of the beginners in this subject in the secondary schools, while the emphasis laid on the subject through all the stages of American education has rescued it from being, as it has been till lately regarded elsewhere, the Cinderella of the educational family. In the universities the same elaboration of appliances attracts a huge number of students, and there is an admirable percentage of men who are imbued with a spirit of research beyond the mere requirement of degrees—a spirit which augurs well for the future inventive power of the American people, already preeminent as they are in this power among the nations of the world (pp. 167–169).

Mr. ARMSTRONG, it may be noted, differed from Mr. Gray in his estimate of the teaching of mathematics and science. The former observes:

In the teaching of mathematics and science the American high schools seem to me to be considerably behind our best schools. I came across little evidence that the practical methods of teaching mathematics and geometry, which are coming into vogue here, are appreciated, and the old academic methods of teaching science seem to prevail almost exclusively. No proper foundation for such work is laid in the elementary schools.

The general advantage of a close relation between elementary and secondary schools is recognized by members of the commission, but several of them note that under the American system there is a loss of time for the children who pass on to the secondary schools. According to Mr. Foster it prevents children from beginning "the more difficult and testing subjects that belong to a secondary curriculum until they are 14. It leads also to failures that would not occur if the age of beginning these more difficult subjects were earlier."

Mr. FLETCHER, who dwells at length upon the question of the coordination of secondary with elementary schools under the American system, says:

A very valuable seedtime in a boy's life is lost. The ordinary boy of 12 is quite capable of facing the difficulties of Latin or geometry, and if he does not do so his mind does not develop as it should if he is going to be fit for serious intellectual study later on. I concluded that for high school and university purposes the time spent in the last two grades in the elementary schools is worse than wasted. Whether the fault lies in those two grades themselves or lower down, I do not know, but it seemed pitful to see great boys and girls of 14 and 15 doing work fit only for children of 11 and 12.

It is quite clear that the American system does not solve the question of coordination. By preventing overlapping it mercly ignores the difficulty, and until the difficulty is fairly met it will remain a serious impediment to really good work.

He refers to various attempted corrections of the difficulty which came under his observation, but expresses the opinion that the only one so far successful is the plan adopted at Newton, Mass., for introducing Latin into the upper grades of the elementary schools.

Coeducation and the excess of women teachers in the secondary schools of this country were features of special interest to members of the commission as differing radically from the policy pursued in English secondary schools. The opinions with respect to these features, expressed by several members, are discussed at length in a review of the report of the commission already published and reproduced in Chapter I (pp. 7, 8, 9).

ED 1905-VOL 1-6

# MANUAL TRAINING AND BUSINESS HIGH SCHOOLS.

On account of the purpose that Mr. Mosely had in view in organizing the educational commission, manual training and business education were matters that invited the special attention of the members. With respect to manual training in the elementary schools the general opinion of the commission is well expressed in the joint report cited (p. 19). The manual training high schools, which were recognized as a feature peculiar to our system, one which, to quote Mr. Heape, "obtains in no other country," excited widely different opinions on the part of the commission. The following citations may be taken to represent the extremes of criticism and commendation expressed in the various reports.

From report by Mr. FLETCHER (p. 143):

The claim is made by enthusiastic supporters of the system that the general effect of this work on a boy's moral and intellectual development is so good—his attention and interest being quickened and his standard of performance so raised by work which itself compels care and accuracy—that he does as much general academic work in his half week as the ordinary high school boy does in his whole week. The claim seems to me extravagant, and certainly in the school where it was made most emphatically I saw some of the worst work in mathematics and language that I saw in the States. A remark of one very thoughtful superintendent of schools seemed to me to have much justice—that the chief justification of the advanced machine work was its effect on the ratepayer who likes to see that he is getting something which he thinks substantial for his money. The only real justification I found for the absolute separation of the two types of school was that often manual work would have had no chance of a fair trial in an ordinary high school where the principal was quite out of sympathy with it. The separation seemed to me on the whole distinctly unfortunate for both schools, robbing boys in the one of all chance of development along lines suitable to them, and leading to an exaggerated stress being put on its value in the other, besides very possibly tending to the development of class distinction between the schools. My own feeling was rather confirmed by what I saw and by the opinions of the more thoughtful men I met, that it is better to have a moderate amount of such work—compulsory perhaps in the lower classes, optional in the higher—in all schools, and to leave work needing elaborate mechanical equipment to professedly technical schools. The present system has had also the effect of stereotyping the work on rather narrow lines, and tending to turn out an excessive proportion of mechanics especially unfortunate if, as is alleged to be the case, these mechanics have learned methods which they subsequently have to unlea

Mr. HEAPE, who was particularly impressed with the admirable equipment of the manual training schools, as well as with their educational results, says in part (p. 208):

There is frequently a forge shop with some 20 forges; pattern making is taught, and there is a foundry in which sometimes lead or white metal is used, but in others there is a furnace for iron. There is usually a splendid equipment of woodworking benches, with a separate set of tools for each boy, and a large number of lathes for wood turning; also a mechanical engineering workshop fitted up with a variety of lathes, drills, planing, milling, and other machines. There is also a good school of art. Sometimes as much as ten hours per week are given to manual training.

The principals are most emphatic in expressing their belief in the educational value of the work, stating that the boys learn such subjects as geometry and algebra much better from realizing their value and importance, and that in general they easily "forge ahead" of other boys. The boys are all most keen at their work, and it is constantly urged that if you in the workshops secure keenness and persistence of method these qualities do not stop in the shop, but are carried into all the other work of the school. The educative value of the manual work in itself is valued very highly; it means care, forethought, reason, judgment, patience, exactness. These schools carry manual training much further than is generally considered percessary to get the full educational value from the training of the hand and eve

These schools carry manual training much further than is generally considered necessary to get the full educational value from the training of the hand and eye. They have a distinct engineering trend; no fewer than 70 and 90 per cent of the boys leaving from two of these schools go into manufacturing works of some kind. The boys graduating at one of these schools get credit for three years out of a four years' apprenticeship. That all this preparatory and specialized educational hand work is having a marked effect upon industrial progress can not be doubted.

The writer directed his attention specially to this subject, and it does seem to him that its importance deserves and should receive earnest consideration, with a view to the modification of the methods now in use in the public elementary schools of this country. The principles underlying the teaching of kindergarten and of the subsequent early grades, really that the child should progress much as the race has done, the association of educational hand work with the curriculum of the school up to probably the age of 16—these principles, thought out and adapted to our own requirements, seem to offer a means of counteracting the present tendency of our elementary school system to produce boys with no initiative or self-reliance, and with no desire to continue their education any longer than it is forced upon them (pp. 205–208).

Mr. REICHEL, who devotes a large part of his report to this subject, sums up his opinion as follows (pp. 285–286):

General conclusions on manual training in America.—1. Manual training in American schools derives its strength from two independent motives:

(a) The educational working up from the kindergarten.

(b) The professional working down from the technical colleges.

The great preponderance of opinion both among educationists and industrialists is in favor of making it in some form or other universal in the elementary and secondary schools.

2. The light work done in the four lower grades of the elementary school (6 to 10) is a development of kindergarten work.

3. The bench woodwork done in the upper grades is in the main either Swedish sloyd or based on the same general principles.

4. The manual course in the high school is largely technological, and based on the Russian trade-school work exhibited at the Philadelphia Exhibition in 1876. The system has life and vigor, and produces results of immediate vocational value, but unless carefully watched is apt to fill up the pupils' mental horizon with the fascination of mechanical detail. For this reason, as well as for economy, some educationists advocate the elimination of the machine-fitting work of the fourth year. In some high schools there is also a movement to make the manual work more definitely educational by correlating it with the art department and with the teaching of mathematics.

5. This division into educational and technological has psychological justification. As an instrument of brain development the value of manual training ceases about the age of 15 or 16, or shortly after entrance on the high school course. Up to this point, therefore, it should be treated as part of the general education prescribed for all; from this point on it should form part of a specialized professional training.

6. Actual trade work is not a good form of manual training for promoting brain development, because it seeks to cultivate manipulative skill to the automatic point, and when work becomes automatic it ceases to require mental effort.

and when work becomes automatic it ceases to require mental effort. 7. At the same time, trade work has a special value of its own for the formation of moral habits and the building up of character, particularly in the case of pupils of inferior intelligence and morale.

8. Such distrust of manual training as exists seems rather a survival from the traditions of an older curriculum than a living educational force. It is intended precisely where educational investigation is most scientific and profound (viz, in the education departments of such universities as Harvard, Columbia, and Chicago) that belief in its value is most absolute.

9. The movement in favor of manual training so universal in the State schools is beginning to make itself felt in the private schools in which the sons of the well-to-do are prepared for the older universities.

are prepared for the older universities. 10. Though manual training tends to become universal in the States, there is no movement in the direction of a technical school, pure and simple, without the culture element. The manual training high school has a strong culture side, and even technical institutes like the Massachusetts Institute and the Armour Institute at Chicago, though their students have been through high schools, insist on a study of language and literature throughout the course.

An unrelieved technical course, it is felt, would at best produce a mere worker, not a citizen, and not the best kind of worker either.

The subject of commercial education was assigned to Mr. THOMAS BARCLAY, formerly president of the British Chamber of Commerce in Paris. His report deals with the matter in a general way, readers being referred for details pertaining to the organization and conduct of commercial studies in this country to the report of President James.<sup>a</sup> prepared for the Paris Exposition of 1900, and to the monograph by Mr. Hartog.<sup>b</sup>

a Monographs on education in the United States, edited by Nicholas Murray Butler, president of Columbia University. b Special Reports on Educational Subjects, edited by Mr. Michael Sadler, for the Board of Education (England), vol. 2.

The special value of Mr. Barclay's report consists in its relation of the particular subject to the general trend of American life, and the comparisons which are made between American and European conditions. On account of the integral unity of the whole discussion, it is difficult to convey a fair idea of its tenor by citations. The following citation, however, is of special interest, as expressing a just estimate of general, in contrast with special, education.

There is no problem of commercial education, in the sense in which we understand it, in a country where practically everybody will probably enter a career of commerce or industry. Nor is there any such thing known in the United States as fixing a child's future in its tender years. The American social idea is to give the child all the education he or she can use. The boy who feels his fitness for any particular career is provided with the means of obtaining the training for it, and is not in any way dependent for obtaining it upon his parents' means. The British mind must at once disabuse itself of the idea that Harvard and Yale are educational centers for the seventy or eighty millions forming the population of the United States. They are only two universities which have more or less resisted the democratic tendencies of the New World. Every State of the Union has its own universities and colleges, and is working out its own problems, the foremost of which is to bring every branch of education within the reach of everyone without distinction of fortune. So much is fielt to be an essential factor in the prosperity of the country that its richer citizens are not only expected to give but do willingly give a large proportion of their millions to promote this object.

Out of these facilities for obtaining higher education has grown the only real American problem in connection with commercial education; the problem of what is the proper age for a young man to enter business, and of whether a college education that is, an education which absorbs a young man's life from 18 or 19 to 21 or 22 years of age —is a desirable addition to the mental and moral equipment fitted for a commercial career, or whether secondary education suffices.

I have had rather exceptional opportunities during my four months' stay in the United States of ascertaining the opinions of Americans generally on educational questions—I mean, of Americans not delegated specially to give enlightenment and I have made a point of knowing the views of as many business men as possible in regard to education. I may say at once that the idea of specializing for business purposes at school is not current among business men. The only business education that the American business man, so far as I have been able to ascertain, approves of is that given in so-called business colleges—special training schools in which lads, having received a high school or secondary education, are rapidly taught a number of matters of routine and conventional knowledge which dispense with the loss of time caused by "rawness" in the apprentice. I venture to say that anything so perfect as Packard's College in New York, which has no pretense to do more than this, does not exist elsewhere. All are agreed that high school or secondary education should be made as practical as possible. The reports of my fellow commissioners on this subject will show how this requirement is being met. There are several secondary schools which are called commercial high schools. Their programmes are simply those of the ordinary high schools with a little specialization in some branches for the requirements of business. The differences might be adopted by all secondary schools with a dvantage in a practical age like our own.

The question of whether a college career is desirable in addition to the secondary education which every American citizen considers indispensable is one upon which there is divided opinion. Assuming that a boy gets a good mental discipline by 18 years of age, most business men, however, seem to think that a college education, with its necessarily more or less relaxed personal discipline and its more or less speculative studies, directs into unpropitious currents the most adaptable years of a young man's life, and that a boy of 18 entering business can more rapidly and efficiently adapt himself to its requirements than, as an American said to me, the "top-heavy" young college men of 22. On the other hand, in actual practice most rich business men send their sons to college. This is, of course, explained by the social advantages a college education procures for a young man outside his business, and in many cases it provides what the self-made father may have personally felt the want of. This question, however, has not much practical interest for Englishmen, who will mostly agree to the proposition that three years spent at Oxford or Cambridge do not fit a young man for a commercial career, except that it opens up a lateral question affecting all educational comparisons, viz, the age at which young men of different nationalities reach the same intellectual footing. Here I have had the benefit of the experience of Professor Münsterberg, of Harvard University, who contends that the young American is two years behind the young German, the latter leaving school at 19 on the same mental level as the young American at 21. My own experience is that this is the case as between the young Scotsman and the young Englishman, the former also being about two years ahead of the latter. I have accounted to some extent for the difference in the case of Americans. The explanation of the backwardness of young Englishmen is, no doubt, due to the bad methods of instruction in English schools, and especially to the excessive attention bestowed in them to sport. Other members of the Mosely Commission will probably deal with these defective methods. A number of American educationists are endeavoring to strengthen the mental discipline of secondary education with a view to enable the American, like the German and Scotch boy, to begin his bread-earning work or studies, whatever they may be, at 18. I commend this to my fellow-countrymen, and would suggest that the objects of teaching Latin as training for the imagination, of Greek as an enlargement of the mental vision, of mathematics as promoting concentrated reasoning, of grammar and literature as a discipline in accuracy and precision, are lost sight of in our higher secondary education, which has set itself altogether wrong ideals through a mistaken view of examinations.

When we get closer to Americans, we see that, in spite of all their apparent superficiality, their schools are turning out more active, business-like, hard-working, enterprising young men than either the English or the German schools—young men with greater ambition and self-reliance and a greater capacity for development, equally courageous in work, and more sober in their lives, with a higher sense of industrial integrity, an all-round greater pleasure in effort, and better humor in adversity.

# HIGHER TECHNICAL EDUCATION.

The higher orders of technical education as maintained in the United States were dealt with particularly by four members of the commission, specially chosen for this subject by reason of their relation to corresponding institutions in England and their reputation as experts. Their reports well repay careful and thorough study; here it is impossible to do more than present a few extracts covering opinions and comparisons of greatest importance.

**PROFESSOR** AYRTON, who occupies the chair of physics in the city and guilds of London Institute and is past president of the Institution of Electrical Engineers, devoted his time in this country almost entirely to the study of the educational facilities offered to electrical engineers. Professor Ayrton was particularly impressed with the "close bond of union between the industry and the teaching," as offering a striking contrast with conditions in England.

Everywhere I was told [he says] an engineering apprentice in a factory should be a college-trained man; an engineering professor in a college should be actively engaged in the practice of his profession.

He emphasizes the relation by special reference to the policy pursued at the Westinghouse electric and manufacturing works at Pittsburg and at the General Electric Company's works at Schenectady.

In common with his colleagues Professor Ayrton was impressed also with the advantage that this country possesses in its freedom from the system of "outside examinations" which in England seriously handicaps both student and professors.

In America [he says], much less importance is attached to examinations than in Great Britain. Whether a student is worthy of a degree is left to the decision of his professors without the intervention of outside examiners. They are greatly influenced, they told me, by their estimation of the value that the student would be to the world. On the other hand, America's judgment of a professor is based on his power of attracting students, on the demand shown by the industry for the men he turns out, and generally on the name he makes for his college.

MR. BLAIR, assistant secretary for technical education of the department of agriculture and technical instruction, Ireland, agrees with Mr. Ayrton as to the importance of the close relation maintained by our institutions between technical education and the industries to which it pertains.

Mr. Blair's report is of special interest because of the insight it affords into the general system of technical education that has been developed in England, and the companion

of the same with our own system and with that of Germany. This portion of his report is here quoted in extenso:

"The British system," he says, "has developed under acts of Parliament which define the expression 'technical education." The definition as he notes excludes "the teaching of trades."

These acts [he continues] allowed the inclusion of subjects other than those named in the definition, if approved and "minuted" by the central authority. The authorities, local and central, responsible for technical education being responsive to public opinion, subjects following the lines of the popular interpretation have from time to time been added, and highly ingenious arguments have been multiplied to show that trades were not being taught. The "last ditch" of the defense may be stated some-what thus: Under industrial conditions the worker's operations are restricted in number and character in such a way that he must not only have the requisite skill to carry out the operation, but must repeat the operation so frequently that he tends to become a part of the machine—although a self-adjusting part, such as mechanical engineers have not yet been able to make out of wood or metal. Technical education, on the other hand, it is argued, promotes an opposite tendency in the individual; it affords opportunities for increasing the number of his operations, thus helping him to acquire manual skill of a more diversified character; and it also gives him the underlying theory of tools, materials, and processes. Such a view, added to the funds available for promoting it, has produced a British system of evening schools without parallel anywhere. I have seen the German evening school system and the American evening school system, and neither is comparable with ours in quantity or in quality. German and American educationists have a very high opinion of our British evening schools, but they look upon them as trades schools—institutions for the training of highly skilled operatives. Such is not a wholly incorrect view. Germans and Americans point with no unnatural pride to their Charlottenburgs and their institutes of techof our system of technical education. They have "sized up" all our evening schools as mere trade schools. They do not see that most of our able and ambitious young men and young women are to be found in these institutions adding a school evening to a workshop or counting-house day; they do not realize, and frequently we ourselves have failed to realize, that we are in the main trying to do in one institution—the evening school-what Germans and Americans are in the main endeavoring to do in two. In other words, they separate more clearly than we do the education of the "hands" and of the "heads." The complaint as to want of preparation of our evening technical students is, to a considerable extent, evidence of this analytical defect in our educational authorities; not being clear in our aims we are confusing the issues and are endeavoring to do too much with all the raw material placed at our disposal; we are endeavoring to use the same process for the production of both "heads" and "hands," and are too apt to apply the standard for "heads" to the recruits for "hands." Britishers have held on somewhat tenaciously to the belief that leaders are "born, not made;" they have trusted to the native ability of the "lad o' pairts;" and they expect him by sheer force of character to learn his trade, attend the technical school, and fight his way to the top of his business or profession.

It will be observed that in referring to the two processes, I have said "in the main" on both sides; for I am not overlooking our day technical institutions on the one hand, nor on the other that the American "lad o' pairts" does "come through" by sheer force of character and ability, and with the aid only of evening technical schools, as ours do. I contend, however, that in the reservation "in the main" I have sufficiently allowed for the exceptions.

A few figures will corroborate my statements. In 1901 the total number of British day students of technology was 3.873. Of these 2,259 were engineering students. (See Record of Technical and Secondary Education, Vol. IX, No. 45, p. 54.) In the nine German technical high schools (day institutions), there were 14,986 students in 1902 (see p. 49 of Report by Doctor Rose); and in the scientific colleges and schools of technology (day institutions) of the United States in 1900 there were : Students of agriculture, 2,852; of mechanical engineering, 4,459; of civil engineering, 3,140; of electrical engineering, 4,459: of mining engineering, 1,261; making a total of 14,267 students in addition to 10,925 students of general science courses (university and technological), including applied chemistry. (See p. 1,875, United States Commissioner's Report, 1901.) In Charlottenburg alone there were 3,428 day students in 1899 and 4,194 in 1902; in the Massachusetts Institute of Technology, Boston, 1,608 day students in 1902–3; and in the same year Sibley (scientific and engineering) College of Cornell University had 886 day students. The numbers become even more significant when it is realized that the British totals include all day technical students of fifteen years of age and upward who were taking a complete day technological course of not less than 20 hours per week; and that the schools contributing to these numbers varied from those of university standard, requiring a good general education as a preliminary, to technical schools for which the only preliminary was an elementary school education. On the other hand, the German students are not admitted until they are 18 years old; and the statistics of the Massachusetts Institute of Technology, Boston, which in this respect may be regarded as fairly typical of the United States institutions, contrast favorably with ours. In 1902–3 22.5 per cent of the Boston students were between 164 and 18 years of age; and 77.5 per cent were over 18; none were below 164 and almost 15 per cent were over 20. The German and American students as a whole have had a much better preparation than ours; they show their high-school (leaving) certificates as admission cards. These figures fully support my view that German and American leaders on the one hand and British on the other are prepared in different ways—the American and the German mainly in day schools, the British mainly in evening schools. There are, of course, other factors, but I am dealing only with the educational (pp. 40–42).

As regards the classes of institutions considered, Mr. Blair's report is exceedingly comprehensive, including trade schools, secondary and higher technical schools, and commercial schools. The general effect of his observation in this wide and varied field was to convince him that—

the American school system, past and present, has not been a large determining factor in the success of American industries and commerce. Such success was due, in the first place, to the virile and enterprising character of the American people—characteristics not developed by education in the narrow sense of the schools, but by education in the wider sense of the effect on the American people of two centuries of pioneering in a vast and rich but undeveloped though not uninhabited continent; in the second place, as in the United Kingdom and in Germany, to great individuals—Carnegies, Whitworths, Krupps; and, in the third place, to the constant contribution to the citizenship of the United States during the middle half of the nineteenth century of much excellent human material from the United Kingdom, and, in a less degree, from the other countries of Europe.

But the visit has also produced a strong impression that the future industries and commerce of America are being directly and profoundly affected by the schools of to-day. The last quarter of a century has witnessed everywhere a general process of aggregation in trades, businesses, and industries. The area of operations of these centripetal economic forces is larger in the United States than anywhere else, and it is believed that the only limit to aggregation is the want of men capable of managing the resulting combinations. Further, in addition to the need of capable managers of these organizations, the scale of their operations has often demanded their direction from a distance through subordinates, and that, too, not only on the result of personal observation, but on evidence supplied by reports of subordinates. Able lieutenants have become essential. Urged on by the necessity for quick multiplication of such officers, and guided by the instinctive boldness of Americans in trying new methods, the great industrial and commercial firms are abandoning the traditional methods of waiting for apprentices to "come through," and are attempting to manufacture the junior officers, by a rapid process, out of college graduates in technology and commerce. Further-more, the lads who came through by the traditional slow process had plenty of will and forcefulness, but the play of forces on them, while emphasizing these natural characteristics, did not, as a rule, provide sufficient opportunity for the development of intellect\_grasp, judgment, ability to apply general principles to details. Such men could, in fact, apply rules, but not the principles on which the rules were founded.

In the earlier part of this report I endeavored to set out a few of the features of technical education in America, dealing chiefly, and perhaps at too great length, with the methods of preparing the 'captains of industry.' Further on I attempted to show how this method of preparation is appreciated, and to indicate that the relationship between the schools and the industries has become one of supply and demand. It has also been explained that the quality of the supply is good, because the schools understand that they are professional schools, and that their graduates must be as capable of entering into practice as are graduates of medical colleges. A word in recapitulation may not be out of place.

The American plan involves an elementary school course until 14 years of age, four years at a high school, four years at a college or institute of technology, where instruction is industrial and not academic in character, and two years as an industrial cadet. In the schools there is no system of prize giving or ranking to misdirect the mind of

the youth from the real objective of his preparation. No premium is required of this youth on entering a "works." On the contrary, he is eagerly sought after, the managers believing that the future of their "works" depends on their ability to secure him. The pay is small—barely sufficient to live on. A young man will be 25 before he obtains a responsible post and be in a position to earn a fair living. After that, however, promotion is rapid and prospects are great for the able and ambitious. The best ability in the States is to be found not in the professions and in politics, as with us, but in industries and commerce, partly the cause and partly the consequence of present conditions.

Compare this with the British plan. The number of students in British day technical schools is insignificant when compared with the American figures. Further, our day technical course is of three years' duration only; and, as a rule, it is not based on a good general education of a secondary standard. The schools are not as professional in character as they might be, and the youth when he has received his diploma is somewhat diffident as to his capacity to tackle industrial problems. Further, he has great difficulty in securing a trial in a good firm, our industrial leaders having little or no faith in this kind of man. These features, the kind of product and the want of faith, react against each other; in other words, there is no supply and demand. The usual means of entrance of prospective leaders into British works is the payment of a premium; and the premium boy usually goes into works at 16 or so instead of going to college. This boy spends five years going round the workshops and the drawing office; he is not taught principles; that instruction has to be obtained at the evening technical school, or, in some rare cases, by a full three years' course at a technical school subsequent to his pupilage in the works. The premium is in most cases a perquisite of the high office to whom the pupil is attached.

<sup>\*</sup> There is also the case of the regular apprentice who pays no premium. This boy if very able, very ambitious, and very strong physically, may succeed in reaching a post of responsibility; his aid is the evening technical school. In some rare cases he is successful in securing the assistance of a Whitworth Exhibition and that brings instruction of a college standard.

Are we not asking too much of our youth? Let us take the case of a premium boy who leaves school at the age of 16 or 17 and has become a pupil in some engineering firm. He is out of bed soon after 5 a. m.; into the works at 6; he leaves the works at 5.30 p. m.; he is at the technical school or studying at home on five nights per week from 7 to 9.30 or 10, and he is back to bed again at 10 or 10.30. On Saturday afternoon, the strain being over, he falls asleep in his boots. This hard work lasts from the end of September to the middle of May; and the 6 to 5.30 lasts all the year round. Are we not putting an unnecessarily severe strain on our very best material? In these days of international and industrial rivalry can we afford to allow the ''lad o' pairts" to sacrifice so much to the process of ''coming through?'' He will succeed in spite of obstacles; but he ought to reach the top with strength and facilities unimpaired; stronger not weaker from the ordeal.

Our plan of training leaders is distinctly inferior to the American; indeed, we are not making the most of one of our most valuable national assets—the character and ability of our youth. And one of the most serious obstacles is the method of paying high officers! If we thus handicap our youth and do not make the best use of our national energy, then our industries will not compete on equal terms with those of America; for in natural resources, other than men, America has more valuable assets than we.

This report has already reached too great a length; and it is impossible now to deal with technical schools other than those already referred to, and with the possible applications to our own system of some of the features of American education.

It will be sufficient to add that the general effect of my inquiry has been to confirm views previously held:

1. That the problem of technical education is not a side issue, but an integral part of the problem of education.

2. That the solution of the problem of technical education, as of that of education, will be partial and incomplete unless the problem is attacked from the psychological as well as from the industrial and commercial point of view.

3. That the establishment of a close connection between institutions for technical education on the one hand and industrial and commercial organizations on the other is an essential factor in a successful solution of the problem of technical education as of that of industrial and commercial progress (pp. 61–63).

MR. RIPPER, professor of engineering in University College. Sheffield, dwells particularly upon the advantage which this country possesses over England in the "senior and better trained type of student in the technical colleges."

The students of the technical colleges in America, being from 18 to 25 or 26 years of age, and having received a high school and in some cases a college education, it is possible to do much superior work with them than with younger boys. The younger student has generally not received the necessary mathematical training to enable him to do advanced work, he has not a sufficient sense of responsibility in approaching his work, and he does not realize the importance of the issues with which he is dealing, nor the necessity for the strictest accuracy in his work. On the other hand, with a senior type of student there is more strenuous application and earnestness, the work is handled in a different spirit, and very much sounder and more thorough training may be given. In America at the present time the colleges are filled with students of a senior type, who are receiving an advanced and thoroughly sound training, and it is business concerns led by these men with which the British manufacturer will have to compete. The question for our country to ask itself is: Are we preparing the British youth of to-day to compete successfully with his commercial rival? It must be confessed that, so far as the study of science as applied to industry is concerned, our position at present is inferior to that of America.

Mr. Ripper gives details of the system of training apprentices adopted by the Baldwin Locomotive Works, Philadelphia, but expresses the opinion that the "general practical training obtained by the apprentice in British workshops is unequaled in any other country."

**DR.** MAGNUS MACLEAN, professor of electrical engineering in the Glasgow and West of Scotland Technical College, was particularly impressed with the attitude of employers in this country toward technically trained students.

In Britain [he says], owing partly to class and caste distinctions which do not hold to the same extent across the Atlantic, the impression has got abroad that education only spoils the common workman and unfits him for his industrial position. Manufacturers and managers generally seem to look with disfavor upon highly educated youths and college men. At least, they give no preference or encouragement to this class over their more ignorant rivals, and consequently the youths themselves, finding no advantage in remaining long at school or college, leave early, ignoring the benefits of a knowledge and training which seem to carry them no further forward in the actual business and trade of life.

The attitude in the States I found to be exactly the opposite of this. So far from disparaging education, the American regards it as the chief national asset, and strains every nerve to render it as widely diffused as possible, convinced that the increase of intelligence thus fostered will be a common gain. The educated youth will not only make a better citizen, but he will outstrip his more ignorant fellow in industrial efficiency, and in the long run leave him far behind. The conditions of American life have not permitted her people to ignore so obvious a fact. There are circumstances and forces, as I have indicated, which have thrust upon them more permptorily than upon us recognition of the value and necessity of education. Besides the economic fact that the development of the material resources of the country demands the best available intelligence and skill, there are the social and political factors. The nation is a democracy very pronounced in its view of personal rights and personal liberty, and if it is to govern itself wisely, it must make sure, as far as possible, that its members, drawn as they are from all nationalities, are sufficiently welded together and enlightened to make intelligent and safe use of their voting privileges. Widespread popular ignorance would be a constant menace and danger to the stability of the State, as well as to the industrial interests.

In consequence of this more enlightened view of education, manufacturers and employers of labor are more ready to recognize the superiority of the trained student over the untrained artisan, and are everywhere eager to get technically trained men to direct their work; they show their interest in, and appreciation of, learning by founding and equipping institutes and colleges for the technical training of young men in the various industries, and they further encourage all such institutions by giving the college-trained youths a preference over those who are merely shop trained.

"In all departments where high-class work is done," said one employer, "we pay good wages, and are always anxious to get technical men. They are broader minded and have a wider mental grasp than the man who left school at the age of 16 to learn his trade in a shop. In technical or any other kind of work, the young man who has been trained in a technical school very soon overtakes and outstrips the man who has had practical experience only. Their remuneration at first is no greater than that of the others who do similar work, but in almost all cases it increases more rapidly, and there is practically no limit to their promotion, while the man without technical education, unless in exceptional cases, finds his field of operations greatly restricted."

I was told on several occasions that ten years ago manufacturers would not take college men; now they prefer them, because they can tackle new problems. Manufacturing processes are constantly developing, and there is room for men with new ideas. The cost of construction and commercial value of a machine must be taken into consideration when it is being designed, and the man whose technical training has been supplemented by practical experience in the shop is better fitted to handle these questions than one who has had only a shop training.

Finally is noticed here the profound impression made upon different members of the Commission by what is being done in America for higher agricultural education. The policy of the land-grant colleges and the experimental stations is described at length and the relation of the latter to the Agricultural Department at Washington enthusiastically commended.

The most striking illustrations of American organizing ability (says Professor Armstrong) are to be met with at Washington. So far as I am aware, there is nothing anywhere to compare with the way in which science is being utilized in the service of the State by the United States Department of Agriculture, which is located in the capital. \* \* \* The Department is not merely an office—it is also a busy hive of research. A large number of laboratories are attached to it, in which investigations are being carried on, bearing, in one way or another, on problems in agriculture. Much research work is also done in the State Experiment Stations; in the main, however, these serve to bring under the notice of farmers the importance of science to agriculture by demonstrating the value of methods of cultivation, manures, etc. There is no question that the research work done under the auspices of the Agricultural Department and in the experiment stations is of the very greatest value and is contributing most materially to the development of agricultural industry. To take only one illustration, whereas, in 1884, the amount of sugar made from sugar beet was only about 300 tons, the beet crop of the past year is estimated to yield 400,000 tons, the amount of sugar made in the United States from the sugar cane being only about 300,000 tons. This extraordinary increase, I believe, is due practically entirely to the influence exercised from Washington. \* \* \*

The Department is undoubledly exercising an extraordinary influence on the education of farmers by distributing literature among them and by encouraging and helping them in every possible way; indeed, it is certain that, by one means or another, the American farmer is gradually being led to see that science is indispensable to agriculture.

Professor Armstrong describes also at some length the work that is being carried on in New York State under the direction of Professor Bailey, the director of the College of Agriculture at Cornell University, Ithaca, by means of circular letters issued to farmers, by plans for the improvement of school playgrounds, and by the "formal organization of junior naturalist clubs in schools throughout the State."

#### SPIRIT OF AMERICAN SYSTEMS OF EDUCATION.

The reports on higher education in America, as represented in universities, must be passed over here with mere mention. They are, however, among the most suggestive reports in the collection, because of their constant reference to the conditions of university education in Great Britain and their emphasis upon what may be called the American type as represented in State universities like those of Michigan and Wisconsin.

Considering the whole range of their observations it appears that our foreign critics were more deeply impressed with the spirit in which our schools and higher institutions are maintained and conducted than with their actual methods and scholastic results. This survey may, therefore, well close with extracts from the reports of two members who most fully reflect this general impression. The REV. T. L. PAPILLON, M. A., formerly fellow and tutor of New College, Oxford, concludes a very comprehensive survey of the educational work of the United States as follows:

To sum up what has struck me most forcibly in a short and imperfect survey of a wide field, is, first of all, the attitude of the American people toward public education as a prime necessity of national life, for which hardly any expenditure can be too great; and next, its eminently practical and popular character. There is more coordination of its successive stages than we have hitherto seen in England. From the elementary school to the high school, from the high school to the university, and on to special professional training, the education of the future citizen is in theory, and to a large extent in practice, a continuous whole, marked out and provided by the State. Opportunities for secondary and technological instruction are more widely diffused and more generally accessible than can at present be said of our own country, though, as I have intimated, neither the methods of teaching nor the standards of attainment are, as a rule, superior to ours. The educational systems of America have the merits and defects of much else in that great but as yet unfinished country. They are full of life and energy; freely, not to say rashly, experimental; innovating, renewing, abandoning, sacrificing, now one point, now another, whether of ideas or practice, in the effort at growth and development. They are less systematically and scientifically thought out beforehand than the more symmetrical systems of continental Europe; but they are, perhaps, for that very reason more suggestive to ourselves, to a free people feeling its way along the same road, and realizing, as we are beginning to do, that it is not by transplanting the ideas and methods of other nations, but by improving or creating our own, that England must work out its educational salvation (p. 255.)

JOHN RHYS, Esq., professor of Celtic and principal of Jesus College, Oxford, shows a keen appreciation of the democratic spirit of our institutions, of their spontaneous energy and their flexibility. While pointing out many defects noticed by him in the class exercises at which he was present, he finds much to commend even in this respect. "The average of the teaching," he says, "was good, and some of it I should call excellent."

I was greatly impressed by the deliberate manner in which it was carried on with nothing to hamper the teacher in his work or incite him to undue hurry. So I am convinced that what American education has already achieved is but a very inadequate earnest of what it is going to do. The machinery is there in perfect order, and, if I am not greatly mistaken, more and more thoroughness will be secured in the working of it, and the crudeness occasionally to be detected will be eliminated. An American who understands the character of his countrymen well places to the credit of that character alertness and adaptability, and against it a lack of thoroughness; but that lack must be a far greater and deeper one than I take it to be if American educationists do not succeed in making an impression on it by improvements in the direction which I have indicated, and that in the immediate inture.



# CHAPTER III.

# STATEMENT OF PROCEEDINGS INSTITUTED TO EXECUTE THE RHODES SCHOLARSHIP TRUST.

# INCLUDING LIST OF STATE COMMITTEES OF SELECTION, THE EXAM-INATION PAPERS SET FOR 1904, AND LISTS OF AMERICAN RHODES SCHOLARS.

The educational provisions of the will of Cecil Rhodes were given in the Annual Report of this office for 1901, Volume 2, chapter 47 (pp. 2447–2450). The sections more immediately relating to the American scholarships are as follows:

\* \* Whereas I also desire to encourage and foster an appreciation of the advantages which I implicitly believe will result from the union of the English-speaking peoples throughout the world, and to encourage in the students from the United States of North America, who will benefit from the American scholarships to be established, for the reason above given, at the University of Oxford under this my will, an attachment to the country from which they have sprung, but without, I hope, withdrawing them or their sympathies from the land of their adoption or birth: Now, therefore, I direct my trustees as soon as may be after my death, and either simultaneously or gradually, as they shall find convenient, and, if gradually, then in such order as they shall think fit, to establish for male students the scholarships hereinafter directed to be established, each of which shall be of the yearly value of £300 and be tenable at any college in the University of Oxford for three consecutive academical years. \* \* \*

I further direct my trustees to establish additional scholarships sufficient in number for the appropriation in the next following clause hereof directed, and those scholarships I sometimes hereinafter refer to as "the American scholarships."

I appropriate two of the American scholarships to each of the present States and Territories of the United States of North America, provided that if any of the said Territories shall in my lifetime be admitted as a State the scholarships appropriated to such Territory shall be appropriated to such State, and that my trustees may, in their uncontrolled discretion, withhold for such time as they shall think fit the appropriation of scholarships to any Territory.

I direct that of the two scholarships appropriated to a State or Territory not more than one shall be filled up in any year, so that at no time shall more than two scholarships be held for the same State or Territory.

### Conditions.

My desire being that the students who shall be elected to the scholarships shall not be merely bookworms, I direct that in the election of a student to a scholarship regard shall be had to (1) his literary and scholastic attainments; (2) his fondness of and success in many outdoor sports, such as cricket, football, and the like; (3) his qualities of manhood, truth, courage, devotion to duty, sympathy for the protection of the weak, kindliness, unselfishness, and fellowship; and (4) his exhibition during school days of moral force of character and of instincts to lead and to take an interest in his schoolmates, for those latter attributes will be likely in after life to guide him to esteem the performance of public duties as his highest aim. As mere suggestions for the guidance of those who will have the choice of students for the scholarships, I record that (1) my ideal qualified student would combine these four qualifications in the proportion of three-tenths for the first, two-tenths for the second, three-tenths for the third, and two-tenths for the fourth qualification, so that, according to my ideas, if the maximum number of marks for any scholarship were 200 they would be apportioned as

follows: Sixty to each of the first and third qualifications and 40 to each of the second and fourth qualifications; (2) the marks for the several qualifications would be awarded independently as follows (that is to say): The marks for the first qualification by examination, for the second and third qualifications, respectively, by ballot by the fellow-students of the candidates, and for the fourth qualification by the head master of the candidate's school; and (3) the results of the awards (that is to say, the marks obtained by each candidate for each qualification) would be sent as soon as possible for consideration to the trustees or to some person or persons appointed to receive the same, and the person or persons so appointed would ascertain by averaging the marks in blocks of 20 marks each of all candidates the best ideal qualified students.

No student shall be qualified or disqualified for election to a scholarship on account of his race or religious opinions.

A qualified student who has been elected as aforesaid shall, within six calendar months after his election, or as soon thereafter as he can be admitted into residence, or within such extended time as my trustees shall allow, commence residence as an undergraduate at some college in the University of Oxford. The scholarships shall be payable to him from the time when he shall commence

such residence.

I desire that the scholars holding the scholarships shall be distributed among the colleges of the University of Oxford, and not resort in undue numbers to one or more colleges only.

Notwithstanding anything hereinbefore contained, my trustees may, in their uncontrolled discretion, suspend for such time as they shall think fit, or remove, any scholar from his scholarship.

#### ANNUAL SCHOLARS' DINNER.

In order that the scholars, past and present, may have opportunities of meeting and discussing their experiences and prospects, I desire that my trustees shall annually give a dinner to the past and present scholars able and willing to attend, at which I hope my trustees, or some of them, will be able to be present, and to which they will, I hope, from time to time invite as guests persons who have shown sympathy with the views expressed by me in this my will.

To carry out the provisions of the will the trustees appointed by Mr. Rhodes, viz, the Earl of Roseberry, Earl Gray, Lord Milner, Mr. Alfred Beit, Dr. L. S. Jameson, Mr. L. L. Michell, and Mr. B. F. Hawkesley, designated Dr. G. R. Parkin, principal of Upper Canada College, Toronto, as their agent, and he forthwith placed himself in communication with the heads of some of the principal universities and colleges in the United States in order to obtain their advice as to the best way of electing candidates to the scholarships destined for students from this country. After personal interviews with these advisers, for which meetings Doctor Parkin visited nearly every State of the Union, it was decided that the most feasible way of electing candidates and the one least likely to give dissatisfaction would be to choose a committee of selection in each State and Territory from the faculties of the leading universities and colleges thereof, which committee should provide for and hold the examinations required by the Oxford authorities in strict compliance with the directions sent to each committee by the trustees, and should decide upon the other qualifications of the candidate required by the Rhodes will. The chairmen of these committees were selected from among the advisers above mentioned, and were usually the heads of the principal universities or colleges of the various States, while the other members of the committees were selected from the faculties of those institutions.

There have been a few changes in the committees since their organization. The following list gives the names of those serving for the examinations of 1905:

## COMMITTEES OF SELECTION, RHODES SCHOLARSHIPS.

Alabama.-Chairman: President J. W. ABERCROMBIE, LL. D., State University, University; President C. C. Thach, Alabama Polytechnic Institute, Auburn; President S. M. Hosmer, Southern University, Greensboro; President A. P. Montague, Howard College, East Lake; Prof. W. B. Saffold, University of Alabama, University.

Arizona.—Chairman: President K. C. BABCOCK, Ph. D., University of Arizona, Theson; Prof. S. C. Newsom, University of Arizona; Prof. F. N. Guild, University of Arizona.

Arkansas.—Chairman: —— H. S. HARTZOG, LL. D., University of Arkansas, Fayetteville; J. H. Hinemon, superintendent of public instruction, Little Rock; President Stonewall Anderson, Hendrix College, Conway; President J. W. Conger, Ouachita College, Arkadelphia; President E. R. Long, Arkansas College, Batesville.

California.—Chairman: President BENJAMIN IDE WHEELER, LL. D., University of California, Berkoley; President David Starr Jordan, LL. D., Leland Stanford University, Stanford University; Prof. E. C. Norton, dean of Pomona College, Claremont.

Note.—Appointments to be made alternately by University of California and Leland Stanford University for six years. Each seventh year the committee appoints from the smaller colleges.

Colorado.—Chairman: JAMES H. BAKER, LL. D., president of the University of Colorado, Boulder; Edward S. Parsons, M. A., B. D., dean of Colorado College, Colorado Springs; Herbert A. Howe, Sc. D, dean of the College of Liberal Arts, Denver University, University Park.

Connecticut.—Chairman: President ARTHUR T. HADLEY, LL. D., Yale University, New Haven. (With four colleagues.)

Delaware.—Chairman: President GEORGE A. HARTER, M. A., Ph. D., Delaware College, Newark; President Woodrow Wilson, LL. D., Princeton University; President Ira Remsen, LL. D., Johns Hopkins University; Provost C. C. Harrison, LL. D., Pennsylvania University.

*Florida.*—Chairman: President A. A. MURPHREE, Florida State College, Tallahassee; President Andrew Sledd, Ph. D., Florida University, Lake City; President W. F. Blackman, Rollins College, Winter Park; ——, Stetson University, De Land.

*Georgia.*—Chairman: Chancellor WALTER B. HILL, University of Georgia, Athens; Prof. W. H. Kilpatrick, Mercer University, Macon; Prof. W. L. Weber, Emory College, Oxford; Prof. W. H. Bocock, University of Georgia, Athens.

Idaho.—Chairman: President JAMES A. McLEAN, Ph. D. (with the faculty), State University, Moscow. Illinois.—Chairman: President W. R. HARPER, Ph. D., D. D., University of Chicago, Chicago; President ——, Northwestern University, Evanston; President Edmund J. James, Ph. D., State University of Illinois, Urbana; President C. W. Barnes, B. D., Illinois College, Jacksonville; President M. H. Chamberlin, LL. D., McKendree College, Lebanon.

Indiana.—Chairman: President WILLIAM L. BRYAN, Ph. D., State University, Bloomington; President the Rev. A. Morrissey, C. S. C., Notre Dame University, Notre Dame; President William P. Kane, D. D., Wabash College, Crawfordsville; President E. H. Hughes, D. D., De Pauw University, Greencastle; President R. L. Kelly, Ph. M., Earlham College, Richmond.

*Iowa.*—Chairman: President GEORGE E. MACLEAN, Ph. D., LL. D., State University, Iowa City; President D. F. Bradley, D. D., Iowa College, Grinnell; President W. F. King, D. D., Cornell College, Mount Vernon; President S. W. Stookey, Coe College, Cedar Rapids; President H. M. Bell, Drake University, Des Moines.

Kansas.-Chairman: President FRANK STRONG, Ph. D. (with the faculty), State University. Lawrence.

Kentucky.—Chairman: Prof. ARTHUR YAGER, Georgetown College, Georgetown; President J. K. Patterson, Ph. D., State College, Lexington; Prof. S. M. Jefferson, M. A., Kentucky University, Lexington; President Chase Palmer, Ph. D., Central University, Danville; President J. L. Weber, D. D., Kentucky Wesleyan College, Winchester.

Louisiana.—Chairman: President THOMAS D. BOYD, LL. D., State University, Baton Rouge; ——, Tulane University, New Orleans; Prof. John R. Ficklen, Tulane University, New Orleans; Prof. C. E. Coates, Ph. D., State University, Baton Rouge; C. Cottingham, Mount Lebanon College, Mount Lebanon; H. L. Maring, College of the Immaculate Conception, New Orleans; Prof. E. L. Scott, State University, Baton Rouge; J. L. McGehee, Centenary College, Jackson.

Maine.—Appointments to be made in rotation by (1) Bowdoin College, (2) Colby College, (3) Bates College, (4) the State University. Chairman: President CHARLES L. WHITE, Colby College, Waterville.

Maryland.-President IRA REMSEN, LL. D., Johns Hopkins University, Baltimore; President Thomas Fell, LL. D., St. John's College, Annapolis; President Thomas Lewis, D. D., Western Maryland College, Westminster.

Massachusetts.-Chairman: President CHARLES W. ELIOT, LL. D., Harvard University. (With four colleagues.)

Michigan.—Chairman: President JAMES B. ANGELL, LL. D., State University, Ann Arbor; President W. G. Sperry, Olivet College, Olivet; President Samuel Dickie, LL. D., Albion College, Albion; President A. G. Slocum, Kalamazoo College, Kalamazoo.

Minnesola.—Chairman: President CYRUS NORTHROP, LL. D., State University, Minneapolis; President James Wallace, D. D., Macalester College, St. Paul; President G. H. Bridgman, D. D., Hamline University, St. Paul; President M. Wahlstrom, Ph. D., Gustavus Adolphus College, St. Peter; President W. H. Sallmon, Carleton College, Northfield.

Mississippi.—Chairman: Chancellor R. B. FULTON, LL. D., State University, University; Prof. Alfred Hume, LL. D., University of Mississippi; President W. B. Murrah, Millsaps College, Jackson; President W. T. Lowrey, LL. D., Mississippi College, Clinton; President J. C. Hardy, Agricultural Col-College. Missouri.—Chairman: President R. H. JESSE, LL. D., University of Missouri, Columbia; Chancellor W. S. Chaplin, LL. D., Washington University, St. Louis; President W. H. Black, D. D., Missouri Valley College, Marshall; President ——, Westminster College, Fulton; Right Rev. Daniel T. Tuttle, D. D., bishop of castern diocese of Missouri, St. Louis.

Montana.—Chairman: President Oscar J. CRAIG, State University; President ——, Montana College of Agriculture, Bozeman; President N. R. Leonard, Montana State School of Mines, Butte.

Nebraska.—Chairman: Chancellor E. B. ANDREWS, LL. D., State University, Lincoln; President William E. Schell, York College, York; Chancellor D. W. C. Huntingdon, Nebraska Wesleyan University, University Place; President M. P. Dowling, Creighton University, Omaha; President E. Van Dyke Wight, Hastings College, Hastings; President D. R. Kerr, Bellevue College, Bellevue; President George Sutherland, Grand Island College, Grand Island; Prof. L. A. Hoopes, Union College, Collegeview; President W. P. Aylsworth, Cotner University, Bethany; President D. B. Perry, Doane College, Crete.

Nevada.-Chairman: President JOSEPH E. STUBBS, D. D., State University, Reno.

New Hampshire.--Chairman: President WILLIAM J. TUCKER, D. D. (with faculty), Dartmouth College, Hanover.

New Jersey.—Chairman: President WOODROW WILSON, LL. D., Princeton University, Princeton; President Austin Scott, LL. D., Rutgers College, New Brunswick; Prof. Henry Burchard Fine, Princeton University.

New Mexico.-Chairman: WM. G. TIGHT, Ph. D., with the faculty, University of New Mexico, Albuquerque.

New York.—Chairman: President NICHOLAS MURRAY BUTLER, LL. D., Columbia University, New York; President J. G. Schurman, LL. D., Cornell University, Ithaca; Chancellor J. R. Day, LL. D., Syracuse University, Syracuse.

North Carolina.—Chairman: President F. P. VENABLE, Ph. D., University of North Carolina, Chapel Hill; Prof. Eben Alexander, University of North Carolina; Prof. Edwin Mims, Trinity College, Durham; Prof. J. B. Carlyle, Wake Forest College, Wake Forest; Prof. James L. Douglas, Davidson College, Davidson.

North Dakota.—Chairman: President WEBSTER MERRIFIELD, M. A., State University, University; President J. H. Morley, LL. D., Fargo College, Fargo; President E. P. Robertson, Red River Valley University, Wahpeton.

Ohio.—Chairman: President W. O. THOMPSON, LL. D., State University, Columbus; President H. C. King, D. D., Oberlin College, Oberlin; President ——, Ohio Wesleyan University, Delaware; President Alfred T. Perry, D. D., Marietta College, Marietta; President George Scott, Ph. D., Otterbein University, Westerville.

Oklahoma.—Chairman: President DAVID R. BOYD, Ph. D., State University, Norman; President F. H. Umholtz, Edmond Normal College, Edmond; President A. C. Scott, A. and M. College, Stillwater; President T. W. Conway, Alva Normal College, Alva; President J. R. Campbell, Weatherford, South-Western Normal College; President J. H. House, Kingfisher College, Kingfisher.

Oregon.-Chairman: President P. L. CAMPBELL, State University, Eugene (with four colleagues).

Pennsylvania.—Chairman: President CHAS. C. HARRISON, University of Pennsylvania, Philadelphia; President Edward D. Warfield, Lafayette College, Easton; President Isaac C. Ketler, Grove City College, Grove City; President J. H. Harris, L.L. D., Bucknell University, Lewisburg; President Wm. H. Crawford, D. D., Allegheny College, Meadville; President Isaac Sharpless, LL. D., Haverford College, Haverford.

*Rhode Island.*—Chairman: President W. H. P. FAUNCE, D. D., Brown University, Providence; Prof. William C. Poland, Brown University; Prof. Alexander Meiklejohn, dean of Brown University; Prof. Francis G. Allinson, Brown University; Dr. C. E. Dennis, jr., principal of Hope Street High School, Providence; Mr. Herbert W. Lull, superintendent of public schools, Newport; Mr. Frank E. Thompson, principal of Newport-Rogers High School, Newport.

South Carolina.—Chairman: President B. SLOAN, South Carolina College, Columbia; Prof. C. W. Bain, South Carolina College, Columbia; Dr. E. B. Setzler, Newberry College, Newberry; Prof. B. E. Geer, Furman University, Greenville; Prof. Della Torre, College of Charleston, Charleston; Prof. A. G. Rembert, Wofford College, Spartanburg.

South Dakota.—Chairman: President GARRETT DROPPERS, A. B., State University, Vermilion; President H. K. Warren, M. A., Yankton College, Yankton; President Thomas Nicholson, Dakota University, Mitchell.

*Tennessee.*—Chairman: President BROWN AYRES, University of Tennessee, Knoxville; Prof. Th. W. Jordan, dean of University of Tennessee; Vice-Chancellor B. L. Wiggins, University of the South, Sewanee; Chancellor James H. Kirkland, Vanderbilt University, Nashville.

Texas.—Chairman: President WM. L. PRATHER, LL. D., State University, Austin; Dr. R. S. Hyer, regent of South Western University, Georgetown; Dr. S. P. Brooks, president of Baylor University, Waeo.

Utah.—Chairman: President J. T. KINGSBURY, Ph. D., State University, Salt Lake City; Prof. Byron Cummings, State University; Principal George A. Eaton, Salt Lake City High School.

Vermont.-Appointments to be made in rotation by (1) University of Vermont, (2) Middlebury College. Virginia.—Chairman: President EDWIN A. ALDERMAN, University of Virignia, Charlottesville; Prof. F. V. N. Painter, Roanoke College, Salem; Prof. S. G. Mitchell, Richmond College, Richmond. Washington.—Chairman: Appointment to be made in rotation by the State University. Whitman

College (Walla Walla), the State Agricultural College.

West Virginia,-Chairman: President D. B. PURINTON, Ph. D., State University, Morgantown; Thos. C. Miller, State superintendent of schools, Charleston; T. E. Cramblet, L.L. D., president of Bethany College.

Wisconsin.—Chairman: President CH. R. VAN HISE, LL. D., University of Wisconsin, Madison; President Wm. C. Daland, D. D., Milton College, Milton; President Edward D. Eaton, D. D., Beloit College, Beloit; President Richard C. Hughes, Ripon College, Ripon; President Samuel Plantz, D. D., Lawrence University, Appleton.

Wyoming .- Chairman: President FREDERICK M. TISDEL, University of Wyoming, Laramie.

These committees, acting under instructions from the trustees, held the examinations upon the dates appointed, viz, April 13 and 14, 1904, the time for the examinations being set so that they were going on simultaneously all over the country that is to say, while a given subject was set for 11 a. m. eastern time in the Eastern States the same subject was set for 10, 9, and 8 a. m. in the Middle, Western, Mountain, and Pacific States, respectively. The instructions issued by the trustees and sent to each committee of selection were as follows:

# THE RHODES SCHOLARSHIP TRUST.

### MEMORANDUM FOR COMMITTEES OF SELECTION MAKING APPOINTMENTS TO SCHOLAR-SHIPS THROUGHOUT THE UNITED STATES IN 1904.

1. A written examination will be held, beginning on April 13, at a place fixed by the committee of selection for each State. This committee will appoint a suitable person to supervise the examination, and will arrange for its impartial conduct. It should be clearly understood that this examination is not competitive, but simply qualifying, and is intended to give assurance that no elected scholar will be unable to pass responsions, the first examination which the university demands of all candidates for the B. A. degree.

2. At the request of the trustees the University of Oxford has named for the present year three examiners to prepare examination papers and report upon the replies given. The papers will be forwarded in sealed parcels to the chairman of the committee of selection. The parcels containing the examination papers shall only be opened by the supervising examiner at the time and place of examination. As the papers contain the full text of all classical passages used in examination, no text-books will be required by candidates. Arrangements will be made to supply stationery to candidates at the place of examination.

3. The replies made by candidates shall be collected at the close of each examination, and forwarded in sealed parcels to a center to be fixed by the trust for dispatch to the examiners at Oxford.

4. The University of Oxford has agreed to accept in lieu of responsions the certificate of its examiners that students have passed this examination, so that all scholars elected will be excused from that test when they come into residence at Oxford.

5. As soon as the report of the examiners has been received, the chairman of the committee of selection will be furnished with a list of the candidates who have passed, and are therefore eligible for election.

6. The committee of selection will then proceed to choose the scholar for the year. In accordance with the wish of Mr. Rhodes, the trustees desire that "in the election of a student to a scholarship, regard shall be had to (1) his literary and scholastic attainments; (2) his fondness for and success in manly outdoor sports, such as cricket, football, and the like; (3) his qualities of manhood, truth, courage, devotion to duty, sympathy for and protection of the weak, kindliness, unselfishness, and fellowship, and (4) his exhibition during school days of moral force of character and of instincts to lead and to take an interest in his schoolmates." Mr. Rhodes suggested that (2) and (3) should be decided in any school or college by the votes of fellow-students, and (4) by the head of the school or college.

Where circumstances render it impracticable to carry out the letter of these suggestions, the trustees hope that every effort will be made to give effect to their spirit, but desire it to be understood that the final decision must rest with the committee of selection.

7. To aid in making a choice, each candidate should therefore be required to furnish to the chairman of the committee of selection (a) a certificate of age; (b) a certificate

ED 1905-VOL 1-7

from his school or college that he has been selected as the candidate for that school or college who best fulfills the ideas of Mr. Rhodes's bequest; (c) a statement from his school or college of the grounds upon which he was chosen, including his educational qualifications, his record in athletics, and such testimonials from his masters at school and his professors at college, in reference to the qualities indicated by Mr. Rhodes, as seem best adapted to guide the judgment of the committee of selection. 8. Should it seem advisable, the committee of selection is free to apply to the can-

didates, or to any selected number of them, such further intellectual or other tests as they may consider necessary.

9. The chairman of the committee of selection will at once notify to the trustees or their agent the name of the elected scholar, and will forward to Mr. F. J. Wylie, the Rhodes Trust, Oxford, all the credentials and testimonials relating to scholarship and character on which the selection was made.

10. The elected scholar will then be furnished by the chairman of the committee of selection with a memorandum, prepared by the representative of the trustees at Oxford, of the steps necessary to be taken to have his name enrolled at one of the colleges of the university.

11. The scholarship will be paid in four quarterly installments, the first on beginning residence at Oxford, and thereafter terminally on the certificate of the college that the work and conduct of the student have been satisfactory. Without such a certificate the scholarship lapses. A scholarship which lapses either from the failure of a student to secure this college certificate, from resignation, from marriage, or from any other cause will not be filled up till the year in which it would naturally expire. This provision is made in order not to interfere with the rota of succeeding scholars.

The following six papers were set for the examinations of April 13 and 14, 1904, three for each day. To give an idea of the care taken to insure the safe arrival of the papers in the hands of the chairman of the committee of selection in each State, it should be said that a sufficient number of copies of each paper to allow one copy to each candidate were sealed in a labeled envelope, thus making six envelopes for each center of examination. These six envelopes were then placed in a large envelope, which was also sealed and labeled and marked with the name of a State. In some cases more than one of these parcels were sent to the same State. This packing was done in England. All the parcels thus prepared were packed in a metal box, which was locked and shipped to the United States Commissioner of Education in Washington. This box was opened by him, and under his supervision the various parcels were properly addressed and forwarded to their destinations, and each separate envelope remained sealed until the hour set for examination upon the paper it contained was reached. There was thus hardly a possibility of gaining knowledge of any of the questions before examination. When the examinations were finished the papers and answers properly sealed were returned to the Commissioner of Education and immediately upon their receipt were replaced, unopened, in the chest in which they had come from England and were then forwarded to Oxford. The papers all had the same heading, a specimen of which is given with the first. They are arranged in the order of time in which they were set for the candidates.

# DELEGACY OF LOCAL EXAMINATIONS, OXFORD, ENGLAND.

(Examination conducted in behalf of the trustees of the Rhodes bequest, April, 1904.)

TRANSLATION FROM LATIN INTO ENGLISH.

[The following rules apply to each paper.]

The time allowed for this paper is two hours.

Every candidate must write on each page of his answers (1) his name; (2) the town and State or Province in which he is examined; (3) the subject of the paper and the number of the section chosen, and must write on one side only of the writing paper. The paper contains the following sections:

Passages from authors not specially prescribed.
 Passages from Cæsar, De Bello Gallico I to IV.

3. Passages from Cicero, Philippics I, II.

- Passages from Cicero, In Catilinam I to IV, and In Verrem Actio I.
   Passages from Cicero, Pro Murena and Pro Lege Manilia.
   Passages from Cicero, De Senectute and De Amicitia.

- Passages from Horace, Odes.
   Passages from Horace, Satires.
- Passages from Horace, Epistles.
   Passages from Livy V, VI.
   Passages from Virgil, Georgics.

- 12. Passages from Virgil, Bucolics and Æneid I to VI.
- N. B.-Candidates must select one and only one of the sections numbered 1 to 12.

# LATIN PROSE COMPOSITION.

#### Translate into Latin:

The prince, who had already been informed of the conspiracy, sent messengers to all his allies to ask for reenforcements, and, as soon as he heard that these had set out, called together three hundred of the most distinguished citizens, pretending that he wished to consult them on the affairs of the republic. Orders were given that each, as he entered the palace, should be put to death, and a large force of cavalry was drawn up in the streets to prevent any danger of a popular tumult. But the people also were ready. During the whole day they had been quietly assembling in the houses, wait-ing until the signal should be given. Suddenly there arose the cry, "To arms," and, while some threw down stones and firebrands, the others rushed forth from the doors. dragged the soldiers from their horses, and slew them before they had time to defend themselves. The attack was too violent to be resisted, and when the reenforcements arrived the city was in the hands of the populace.

#### ARITHMETIC.

1. Find the smallest integer which is divisible by all the numbers 143, 78, 91, 637, 286.

2. Multiply 1.16 by .428571, and divide .007424 by 25.6.

3. If a man can build 1 rod 1 yard 1 foot 6 inches of a wall in 1 day, how much can he build in 52 days?

4. Find the square roots of 122.1025 and  $538\frac{6}{25}$ .

5. The par of exchange with London being 4.8665, find the equivalents of £137 4s. 6<sup>1</sup>d, and \$542.84 to the nearest cent and farthing, respectively.

6. A walk 10 feet wide is made round a rectangular park within the fence, the park being 200 yards by 150 yards. How many square yards are there in the walk?

7. Two men of equal skill agreed to do a piece of work for \$124. They completed it in 18 days, but one man was absent from work on 5 days. How should the pay be equitably divided?

8. Find the amount of \$4,000 if lent for 3 years at 44 per cent per annum compound interest.

9. Three pipes can respectively fill a cistern in 22, 24, and 72 minutes. If, when the cistern is empty, all the pipes are opened, in how many minutes will it be full?

10. A person invested \$22,050 in a 3 per cent stock at 90. He afterwards sold out at  $93\frac{1}{2}$  and invested the proceeds in a  $4\frac{1}{2}$  per cent stock at 98. Find the change in his income.

11. In what time will \$1,260 amount to \$1,496.25 if lent at  $3\frac{3}{4}$  per cent per annum simple interest?

### TRANSLATION FROM GREEK INTO ENGLISH.

The paper contains the following sections:

- 1. Passages from authors not specially prescribed.

- Passages from autnors not specially prescribed.
   Passages from Demosthenes, Philippics, I to III, and Olynthiacs, I to III.
   Passages from Demosthenes, De Corona.
   Passages from Euripides, (a) Hecuba, (b) Medea, (c) Alcestis, (d) Bacchae.
   Passages from Homer, Iliad, I to IV.
   Passages from Homer, Odyssey, I to VI.
   Passages from Plato, Apology, Crito.
   Passages from Sophocles, Antigone, and Ajax.
   Passages from Xenophon, Anabasis, I to Y.

- 9. Passages from Xenophon, Anabasis, I to V
- N. B.-Candidates must select one, and only one, of the sections numbered 1 to 9.

# GREEK AND LATIN GRAMMAR.

1. Give the meaning, gender, and dative plural of όδους, λεώς, γάλα, ὄρνις,  $\kappa \epsilon \lambda \epsilon \nu \theta o s$ , and the meaning, gender, and genitive plural of nummus, artus, dies, imber, calcar.

2. Give the comparative and superlative of  $\nu \dot{\epsilon} o \varsigma$ ,  $\ddot{\alpha} \rho \pi \alpha \xi$ ,  $\mu \alpha \kappa \rho \dot{\delta} \varsigma$ , vetus, utilis, prope.

3. Decline in the singular  $\delta\xi \dot{\upsilon}\xi$ ,  $\delta \sigma \tau \iota \xi$ ,  $\lambda \eta \theta \dot{\eta}\xi$ ; and in the plural, melior, qui, idem.

4. Distinguish between the uses of  $\alpha \vartheta \tau \delta \varsigma$  and  $\delta \alpha \vartheta \tau \delta \varsigma$ ,  $\pi \sigma \delta \delta \delta \varsigma$ , and  $\delta \pi \sigma \delta \delta \delta \varsigma$ . mille and millia, aliquis and quisquam, is and ille.

5. State, with examples, the principal ways of forming the perfect tense in Greek and Latin.

6. Write down the third person, singular and plural, of the following tenses: Present subjunctive active of  $\delta\eta\lambda\phi\omega$ ; aorist indicative active of  $\alpha i\rho \hat{\epsilon}\omega$ ; aorist optative passive of  $\tau i 0 \eta \mu i$ ; future indicative active of capio; future perfect indicative active of tribuo; imperfect subjunctive of nolo.

7. What prepositions in Latin and Greek may be used with two cases? Give examples and append to each its English equivalent.

8. State and illustrate (a) the rules for conditional sentences in Greek; (b) the rules for the sequence of tenses in Latin.

9. Translate into Latin: (a) The consul left the city without saluting his colleague; (b) He is too wise to disobey his orders; (c) If you finish your work to-morrow you will be allowed to return home; (d) I fear that he will not reach Italy in time to see his brother; (e) When he was at Athens I told him to remain there until I came.

10. Put into Oratio Obliqua: Quoniam me una vobiscum servare non possum vestrae quidem certe vitae prospiciam quos cupiditate gloriae adductus in periculum deduxi. Frustra meae vitae subvenire conamini quem iam sanguis viresque deficiunt. Proinde hinc abite dum est facultas vosque ad legionem recipite.

#### ALGEBRA AND GEOMETRY.

#### Algebra.

#### [The full working must be shown in all cases.]

1. If  $x = 1, y = \frac{1}{2}, z = -\frac{1}{3}$ , find the value of

$$\frac{y-z}{1+yz} + \frac{z-x}{1+zx} + \frac{x-y}{1+xy}$$

2. Multiply  $x^5 - 3x^3 + 2x - 1$  by  $x^5 + 3x^3 - 2x + 1$ , and verify the result in the case where x=2.

3. Find the remainder when  $x^3+5x^2-7x+4$  is divided by  $x^2+x+2$ . For what value of x will the remainder be zero?

4. Resolve into their simplest real factors-

- (1)  $x^3+343y^3$ ; (2)  $a^2x^2-2ax-b^2x^2+2bx$ ; (3)  $x^4 + 4x^2 + 16.$
- 5. Simplify—

(1) 
$$\frac{1}{x^2 - 3x + 2} + \frac{1}{2x^2 - 5x + 2} + \frac{1}{2x^2 - 3x + 1};$$
  
(2) 
$$\frac{\left(\frac{x}{y} - 1 + \frac{y}{x}\right)\left(\frac{1}{y} + \frac{1}{x}\right)}{\frac{x^2}{y} + \frac{y^2}{x}}$$

6. Solve the equations-

(1) 
$$\frac{1}{2x+3} + \frac{1}{2x-3} = \frac{1}{x-6};$$

(2) 
$$\frac{x-a}{b} + \frac{x-b}{a} = 2;$$

(3) 10x - 18y = 45, 2x + 4 = y.

7. Describe clearly the process of solving graphically two simultaneous equations of the first degree in two variables. How would you apply this process in the case of the equations given in question 6 (3)?

8. Find four consecutive odd numbers whose sum is 1904.

9. A sum of \$4,950 is invested partly in Canadian Pacific common shares, paying 6 per cent, at 115, and partly in United States 4 per cent loan, at 132<sup>1</sup>/<sub>2</sub>. The total income being \$200, find the amount of each investment.

#### Geometry.

[The use of reasonable symbols and abbreviations is permitted.]

1. Define—right angle, rhombus, parallel straight lines.

2. If two angles of a triangle be equal to one another, the sides also which subtend, or are opposite to, the equal angles, shall be equal to one another.

3. If one side of a triangle be produced, the exterior angle shall be greater than either of the interior opposite angles.

4. If a straight line falling on two other straight lines, make the exterior angle equal to the interior and opposite angle on the same side of the line, or make the interior angles on the same side together equal to two right angles, the two straight lines shall be parallel to one another.

5. The opposite sides and angles of a parallelogram are equal to one another, and the diameter bisects the parallelogram—that is, divides it into two equal parts.

6. If the square described on one of the sides of a triangle be equal to the squares described on the other two sides of it, the angle contained by these two sides is a right angle.

7. If a straight line be divided into any two parts, the square on the whole line is equal to the squares on the two parts, together with twice the rectangle contained by the two parts.

8. Divide a given straight line into two parts, so that the rectangle contained by the whole and one of the parts may be equal to the square on the other part.

The following is a list of the names of the Rhodes scholars for 1904, with the colleges at Oxford to which they were assigned and the States from which they were appointed:

State.	Name of scholar.	College.
Alabama	J. H. Kirkpatrick.	Queens.
Arkansas		Pembroke.
California.		Trinity.
Colorado		Christ Church.
Connecticut		Balliol.
Delaware	C, W. Bush	Brasenose.
Georgia	R. P. Brooks.	Do.
Idaho	L. Gipson.	Lincoln.
Illinois		Worcester.
Indiana		Pembroke.
Iowa	J. E. Walleser	Oriel.
Kansas.	E. W. Murray	St. John's.
Kentucky	C. Tandy	Exeter.
Louisiana	A. K. Read	Christ Church.
Maine		Trinity.
Maryland		O riel.
Massachusetts		Balliol.
Michigan		Queens.
Minnesota		Pembroke.
Missouri		Wadham.
Montana	G. R. Barnes.	Christ Church.
Nebraska	K. Coon	Lincoln.
New Hampshire.	K, Cocn	New.
New Jersey	B. M. Price	Wadham.
New York.	W. E. Schutt.	Brasenose.
North Carolina -	J. H. Winston	Christ Church.
North Daketa.	H. Hinds.	Queens.
Dhio.	G, C. Vincent	Do.
Oklahoma		Brasenose.

#### American Rhodes scholars, 1904.

# EDUCATION REPORT, 1905.

Oregon.       H. B. Densmore.       University.         Pennsylvania       T. E. Robins       Christ Church.         Rhode Island       R. M. Bevan       Worcester.         South Carolina       W. H. Verner       Christ Church.         South Dakota       P. M. Young       Oriel.         Tennessee.       T. Tigert.       Pembroke.         Texas       S. R. Ashby       Merton.         Utah       B. M. Jacobson       Exeter.         Vermont.       J. C. Sherburne.       Wadham.         Virginia.       W. A. Fleet.       Magdalen.         West Virginia       C. A. Tucker-Brooke.       St. John's.         Wisconsin       R. Scholz.       Worcester.	State.	Name of scholar.	College.
	Pennsylvania Rhode Island South Carolina South Dakota Tennessee Texas Utah Vermont Virginia Washington West Virginia Wisconsia	T. E. Robins. R. M. Bovan. W. H. Verner. P. M. Young. T. Tigert. S. R. Ashby. B. M. Jacobson. J. C. Sherburne. W. A. Fleet. J. M. Johanson C. A. Tucker-Brooke. R. Scholz.	Christ Church. Worcester. Christ Church. Oriel. Pembroke. Merton. Exeter. Wadham. Magdalen. Exeter. St. John's.

American Rhodes scholars, 1904—Continued.

The experience gained in 1904 suggested some changes in the instructions to the committees of selection for the examinations of 1905, which were embodied in the following memorandum and declaration sent out by the Rhodes trustees. It was found advisable to hold the examinations in January to allow the Oxford examiners time to complete their work before midsummer. The same precautions were observed in transmitting the papers as in the previous year.

#### MEMORANDUM.

#### THE RHODES SCHOLARSHIPS IN THE UNITED STATES, 1905.

The trustees of the will of the late Mr. Cecil Rhodes have prepared the following memorandum for the information of college authorities and intending candidates for scholarships in the United States:

The next qualifying examinations for scholars in the United States under the Rhodes bequest will be held on Tuesday and Wednesday, January 17 and 18, 1905. The selection of scholars is to be completed before the end of March, and the elected scholars will begin residence at Oxford in October, 1905.

The examination will be held in each State and Territory to which scholarships are assigned, at centers to be fixed by the local committee of selection. This committee will appoint a suitable person to supervise the examination and will arrange for its impartial conduct. It should be clearly understood that this examination is not competitive, but simply qualifying, and is merely intended to give assurance that every elected scholar is able to pass the first examination which the university demands of all candidates for the B. A. degree.

The Rhodes scholars will be selected from candidates who have successfully passed this examination. One scholar will be chosen for each State and Territory to which scholarships are assigned.

Candidates must be unmarried, must be citizens of the United States, and must be not younger than 19 nor older than 25 years of age on October 1 of the year in which they are elected.

It has been decided that all scholars shall have reached, before going into residence, at least the end of their sophomore or second-year work at some recognized degreegranting university or college of the United States.

An exception to this rule is made in the case of the State of Massachusetts, where, at the request of the committee of selection, authority is given to appoint from the secondary schools.

Candidates may elect whether they will apply for the scholarship of the State or Territory in which they have acquired any large part of their educational qualification, or for that of the State or Territory in which they have their ordinary private domicile, home, or residence. They may pass the qualifying examination at any center, but they must be prepared to present themselves before election to the committee in the State or Territory they select.

No candidate may compete in more than one State or Territory.

To meet the requirements of the responsions examination candidates will be examined in the following subjects

1. Arithmetic-the while.

2. Either the elements of algebra (addition, subtraction, multiplication, division, greatest common measure, least common multiple, fractions, extraction of square root,

simple equations containing one or two unknown quantities, and problems producing such equations) or the elements of geometry.

Elementary questions, including propositions enunciated by Euclid, and easy deductions therefrom, will be set on the subject-matter contained in the following portions of Euclid's Elements, viz, Book I, the whole, excluding propositions 7, 16, 17, 21; Book II, the whole, excluding proposition 8; Book III, the whole, excluding propositions 2, 4–10, 13, 23, 24, 26–29. Any method of proof will be accepted which shows clearness and accuracy in geo-

metrical reasoning

So far as possible, candidates should aim at making the proof of any proposition complete in itself.

In the case of propositions 1–7, 9, 10, of Book II, algebraical proofs will be allowed. 3. Greek and Latin grammar.

4. Translation from English into Latin.

5. One Greek and one Latin book.

Any of the following portions of the under-mentioned authors will be accepted as "book:'

Demosthenes: De Corona.

Euripides (any two of the following plays): Hecuba, Medea, Alcestis, Bacchæ.

Homer: (1) Iliad, 1-5 or 2-6; or (2) Odyssey, 1-5 or 2-6.

Plato: Apology and Crito.

Sophocles: Antigone and Ajax.

Xenophon: Anabasis, 1-4 or 2-5.

Cæsar: De Bello Gallico, 1–4. Cicero: (1) Philippics 1, 2; or (2) In Catilinam 1–3, and In Verrem Actio I; or (3) pro Murena and pro Lege Manilia; or (4) de Senectute and de Amicitia.

Horace: (1) Odes 1-4; or (2) Satires; or (3) Epistles.

Livy: Books 5 and 6.

Virgil: (1) the Bucolics, with Books 1-3 of the Æneid; or (2) the Georgics; or (3) the Æneid, Books 1-5 or 2-6.

The texts used in setting the examination papers will be those of the series of Oxford classical texts, so far as these have been published by the Oxford University Press.

At the request of the trustees the University of Oxford has named for next year a board of examiners to prepare examination papers covering this range of study and to report upon the replies given. The papers will be forwarded in sealed parcels to the chairman of the committee of selection. Within these parcels will be inclosed sealed envelopes containing the examination papers. These envelopes shall only be opened by the supervising examiner at the time and place of examination. Printed passages used in examination no text-books will be required by candidates. Arrangements will be made to supply stationery to candidates at the place of examination.

The replies made by candidates shall be collected at the close of each examination and forwarded at the close of each day's work in sealed parcels to Dr. G. R. Parkin, care of Hon. W. T. Harris, Commissioner of Education, Washington.

The University of Oxford has agreed to accept in lieu of responsions the certificates of its examiners that students have passed this examination, so that all scholars elected will be excused from that test when they come into residence at Oxford. As a cer-tificate of exemption from responsions holds good permanently persons who have passed in previous years, if otherwise eligible, need not take the examination a second time in order to become qualified as candidates.

As soon as the report of the examiners has been received the chairman of the committee of selection in each State will be furnished with a list of the candidates who have passed and are therefore eligible for election.

The committee of selection will then proceed to choose the scholar for the year.

In accordance with the wish of Mr. Rhodes the trustees desire that "in the election of a student to a scholarship regard shall be had to (1) his literary and scholastic attainments; (2) his fondness for and success in manly out-door sports, such as cricket, football, and the like; (3) his qualities of manhood, truth, courage, devotion to duty, sympathy for and protection of the weak, kindliness, unselfishness, and fellowship, and (4) his exhibition during school days of moral force of character, and of instincts to lead and to take an interest in his schoolmates." Mr. Rhodes suggested that (2) and (3) should be decided in any school or college by the votes of fellow-students and (4) by the head of the school or college.

Where circumstances render it impracticable to carry out the letter of these suggestions the trustees hope that every effort will be made to give effect to their spirit, but desire it to be understood that the final decision must rest with the committee of selection.

To aid in making a choice each qualified candidate should be required to furnish to the chairman of the committee of selection(a) A certificate of age.

(b) A full statement of his educational career at school and college; his record in athletics and such testimonials from his masters at school and his professors at college, in reference to the qualities indicated by Mr. Rhodes, as will assist the judgment of the committee of selection.

(c) In cases where more than one candidate from a single college or university has qualified, the college or university should be required to select (in accordance with the views of Mr. Rhodes) its chosen representative to go before the committee of selection for final choice, and a certificate that he has been so chosen shall be sent to the chairman of the committee of selection.

Each candidate should personally present himself to the committee of selection before a final decision is made, unless specially excused by the committee itself, in which case a statement of the reasons should be sent to the trustees.

If a careful comparison of these records and personal interviews with the candidates do not furnish sufficient grounds for making a decision, the committee of selection is free to apply to the candidates, or to any selected number of them, such further intellectual or other tests as they may consider necessary.

The chairman of the committee of selection should at once notify to the trustees and to Mr. F. J. Wylie, the Rhodes trust, Oxford, the name of the elected scholar, and should forward to the latter all the records, credentials, and testimonials relating to the scholar on which the election was made. These papers should be transmitted immediately, as they are used in consulting college authorities in regard to the admission of scholars.

The chairmen of the committees of selection are furnished with a memorandum prepared by the representative of the trustees at Oxford in regard to the steps necessary to be taken by an elected scholar to have his name enrolled at one of the colleges of the university. It is particularly requested that this memorandum should be furnished to the elected scholar along with the notification of his election.

The scholarship will be paid in four quarterly installments; the first on beginning residence at Oxford, and thereafter terminally on the certificate of his college that the work and conduct of a student have been satisfactory. Without such a certificate the scholarship lapses. A scholarship which lapses either from the failure of a student to secure this college certificate, from resignation, from marriage, or from any other cause, will not be filled up till the year in which it would naturally expire. This provision will not be filled up till the year in which it would naturally expire. is made in order not to interfere with the rota of succeeding scholars.

### OXFORD UNIVERSITY EXAMINATION.

### CONDUCTED IN BEHALF OF THE TRUSTEES OF THE RHODES BEQUEST, JANUARY 17, 18, 1905.

Declaration to be signed by every person who has assisted in the superintendence of an examination conducted for the Rhodes trustees by the delegates of local examinations, Oxford, England.

We, the undersigned, hereby declare that the papers set atin				
the State (or Province) ofto the following candidates a for the				
State (or Province) of, b viz:				
1	16			
2	17			
3	18			
4	19			
5	20.			
6	21			
7	22			
8	23			
9	24			
10	25			
11	26			
12	27			
13	28			
14	29			
15	30			
many much adding the surgery of the star for her had been many or them.				

were worked in the presence of one or other of us by the candidates whose names they respectively bear, and that the candidates received no assistance whatever from books, notes, memoranda, or otherwise, from each other, from us, or any other person.

<sup>a</sup> It is particularly requested that the names of candidates be given in full. <sup>b</sup> It is specially requested that, when anyone is examined in a State (or Province) for which he is not a candidate, the name of the State (or Province) for which he is a candidate should be clearly indicated.

We declare—

1. That the sealed envelopes of question papers were opened in the presence of the candidates at the times prescribed in the time-table of the examination.

2. That no candidate was admitted to the examination room more than half an hour after the question papers had been distributed to the candidates.

3. That no candidate left, and no copy of any question paper was removed from the examination room until half an hour after the distribution of the question papers. 4. That no person other than the candidates and the undersigned was admitted to the examination room during the presence of any candidates.

6. That one or other of us was present uninterruptedly during the whole of the time specified in the time-table of the examination.

7. That all the other regulations relating to the conduct of the examination were duly observed.

Name, degree, and university (if any), and address of the person or persons who were present during the working of the papers referred to in the above declaration:

JANUARY 18, 1905.

[This sheet should be mailed on January 18 by registered post to the Secretary to the Delegates, Local Examination offices, Merton street, Oxford, England, immediately after the close of the examination.]

#### American Rhodes scholars, 1905.

State.	Name.	College.
California	. Hugh A. Moran	Wadham.
Colorado.	George A. Whiteley	Merton.
Connecticut	Albert Mason Stevens.	Balliol.
Delaware.		Exeter.
Florida		Pembroke.
Georgia		Exeter.
Idaho.	Carol H. Foster.	Brasenose.
Illinois	Newton Edward Ensign.	St. Edmund Hall
Indiana	Frank Avdelotte	Brasenose.
Iowa	Jacob van der Zee	Merton.
Kansas		St. John's.
Kentucky		Queen's.
Louisiana		Do.
Maine	Harold William Soule.	Worcester.
Maryland		Oriel.
Massachusetts		Do.
Michigan		Hertford.
	R. C. Platt Harry S. Mitchell	New.
Minnesota		Christ Church.
Mississippi		Hertford.
Missouri Nebraska	Arthur H. Marsh.	Keble.
New Hampshire		Magdalen.
		Queen's.
New Jersey	Thomas S. Bell	Lincoln.
New York.		University.
	Ralph Claude Willard	Christ Church.
North Carolina		St. John's.
Ohio.	Cary R. Alburn Charles Delahunt Mahaffie	Do.
Oklahoma		Oriel.
Pennsylvania	John Nevin Schaeffer	Worcester.
Rhode Island		
South Carolina	Eugene S. Towles.	Magdalen.
Tennessee	B. E. Schmitt.	Merton Balliol.
Texas		
Vermont		Exeter.
Virginia		Christ Church.
Washington		Lincoln. Wedberry
West Virginia		Wadham.
Wisconsin	Athol E. Rollins.	Worcester.

[Extracts from a memorandum issued by the Rhodes trustees relating to the examination of 1907.]

\* \* The next qualifying examination for scholars in the United States under the Rhodes bequest will be held about the middle of January, 1907; the selection of scholars will be completed before the end of March, and the elected scholars will begin residence at Oxford in October of that year.

Scholarships will also be open in 1908; in 1910 and 1911; in 1913 and 1914; and so on, omitting every third year.

The scholarships are of the value of £300 a year, and are tenable for three years. \* \* \* If it should be necessary a revised statement of the requirements of the examina-tion for 1907 will be issued during the year 1906. Sets of the responsions examination papers for past years can be ordered from the Oxford University Press, 91 Fifth avenue, New York.

The texts used in setting the examination papers are those of the series of Oxford classical texts, so far as these have been published by the Oxford University Press.

At the request of the trustees, the University of Oxford named in the years 1904 and 1905 a board of examiners to prepare examination papers covering this range of study, and to report upon the replies given. It is proposed, with the approval of the university, to adopt the same methods of procedure in 1907. The papers will be forwarded in sealed parcels to the chairman of the committee of selection. Within these parcels will be inclosed sealed envelopes containing the examination papers. These envelopes shall only be opened by the supervising examiner at the time and place of the examination. Printed time tables will be supplied. As the papers contain the full text of all classical passages used in examination, no text-books will be required by candidates. Arrangements will be made to supply stationery to candidates at the place of examination \* \* \*

candidates at the place of examination. \* \* \* The following "instructions," issued to scholars elected for the year 1905, indicate the course of procedure by which a scholar is entered at Oxford:

1. In order to be admitted to the University of Oxford it is necessary to be first accepted as a member of one of the colleges which compose the university.

Election to a Rhodes scholarship does not of itself admit to a college. Every college has its own standard for admission, for Rhodes scholars as for all other applicants; and accepts or rejects at its own discretion. Moreover, the number of Rhodes scholars which any one college will admit is strictly limited. Few colleges will admit more than five in any one year; and in the majority of cases four is the maximum. From the different candidates for admission a college will select those whose records suggest that they are most likely to do credit to the college to which they may belong. It is therefore essential that in applying for admission to a college a scholar should submit the fullest possible evidence as to his personal character and academic record.

2. The procedure for a scholar-elect should be as follows:

(1) Immediately on receiving notice of his election he should write to the Oxford secretary, to the Rhodes trustees, Mr. F. J. Wylie, The Rhodes Trust, Oxford, stating in order the colleges which he prefers. (2) He should satisfy himself that the credentials which he submitted to the com-

mittee of selection have been forwarded by the chairman to Mr. Wylie. (3) He should himself forward to Mr. Wylie any portion of the following informa-tion which may not have been included in the documents submitted to the committee of selection: (a) A certificate of age; (b) testimonials as to character; (c) certified evidence as to the courses of study pursued by the scholar at his university, and as to the gradings attained to by him in those courses. This evidence should be signed by the registrar or other responsible official of his university; (d) a catalogue of his university; (e) evidence as to the general tastes and pursuits of the scholar outside his academic course; (f) information as to the intentions of the scholar in regard to the line of study he proposes to follow at Oxford. It is also desirable that the scholar should state to what religious denomination he belongs. All this material must reach Mr. Wylie by the beginning of the summer term—that is, by the end of April at the latest.

3. When Mr. Wylie has the necessary information in his hands he will attempt to secure for each scholar admission to the college of his preference. That will not be always possible. When a scholar fails to gain admission to the college which stands first on his list of preferences, Mr. Wylie will enter into negotiation with the college second on that list, and so on.

Where he is specially requested to do so, Mr. Wylie is prepared to select a college for a scholar, but it is greatly to be preferred that each scholar should, so far as possible, choose for himself.

4. Information about the various colleges is to be found in the early chapters of the "Students' Handbook to Oxford." This book can be obtained at the Oxford University Press, 91 Fifth avenue, New York. Scholars-elect are recommended to get it.

5. A study of Chapter III of the above-mentioned book will afford a rough, though only a rough, idea of the cost of life at Oxford, and in particular of the expenses which an undergraduate has to meet on coming for the first time into residence.

6. The scholarship will be paid quarterly. The first payment (£75) will be made in the course of the first week of the Michaelmas term. No request for any earlier payment can be considered.

7. The sum of £300 is no more than is necessary to cover the expenses of the year, including vacations as well as term. A scholar must not therefore count on his scholarship leaving any margin—least of all in his first year, in which, owing to unavoidable initial payments, expenses are heaviest. Experience suggests that a scholar should start his Oxford career free from financial embarrassment.

8. When a scholar has been once accepted by a college he should conduct all further correspondence as to residence, studies, etc., directly with the college in question. He should, however, keep Mr. Wylie informed of his movements, and in particular of the date at which he proposes to come into residence. Michaelmas term begins normally in the second week of October. Some colleges assemble on the Thursday, others on the Friday, in that week. A scholar must in any case arrive in Oxford not later than the day on which his college assembles; and it will in most cases be better that he should come a few days earlier.

9. It is pr sumed that a scholar will reside in college, except in cases in which the college is unable to offer him rooms. It is the custom at Oxford for an undergraduate to reside in college for at least two years, unless special circumstances make this undesirable.

Copies of this circular may be obtained from the Commissioner of Education, Washington, D. C. They are also supplied to the chairmen of the committees of selection.

.

# CHAPTER IV.

## EDUCATION IN FRANCE.

France, Republic: Area, 204,092 square miles; population, 38,961,945 (1901). Civil divisions having special functions in educational administrations: Departments (90 in number, including 3 in Algiers); communes (cities or villages) numbering 36,551.

#### PREVIOUS ARTICLES.

- [In the following index to chapters in previous reports of this series relative to education in France, mention is made only of special subjects considered in each chapter. In addition to these special topics the chapters present detailed statistics, current and comparative, with a brief conspectus of the system of public instruction.]
- The educational system of France. (Report, 1888-89, vol. 1, pp. 112-149.)
- Report of the educational congresses and exhibition held in Paris, 1889. (Report, 1889-90, vol. 1, pp. 41-186, by W. H. Widgery.)
- Statistics for 1888-89. (Ibid., pp. 249-261.)
- Elementary education in London and Paris. (Ibid., pp. 263-280.)
- Statistics, 1890-91; progress of primary schools since Guizot's law, 1833; higher primary and classical schools of France. (Report, 1890-91, vol. 1, pp. 95-124.)
- Statistics for 1892; proposed transformations and development of state faculties. (Report, 1891-92, vol. 1, pp. 73-95.)
- Civil service in France, by W. F. and W. W. Willoughby. (Ibid., pp. 369-412.)
- Inspection of infant schools; recent changes in the baccalaureate; reorganization of medical studies and of the scientific course preparatory thereto. (Report, 1892-93, vol. 1, pp. 219-237.)
- Statistics for 1891-1893; recent modifications in secondary and superior education; progress of the system of primary instruction; schools for adults; movements for the admission of American students to the universities of France. (Report, 1894-95, vol. 1, pp. 289-312.)
- Statistics for 1894-95; proposed modifications of secondary institutions; the law of July 10, 1896, transforming the state faculties into universities; status of medical students in France, with special reference to foreigners; Dr. Alcée Fortier on the French lycées. (Report, 1895-96, yol. 1, pp. 611-639.)
- Opening of the universities under the law of July 10, 1896; the new doctorate open to foreigners; state secondary schools v. church establishments; the law of July, 1893, respecting salaries of teachers of primary schools; the superior primary schools, progress, organization, and scope; M. Boutmy on the reform of the baccalaureate; M. Bréal on the study of Greek. (Report, 1896-97, vol. 1, pp. 29-70.)
- Statistics, 1896; decentralizing movement; the reconstruction of the universities; efforts for strengthening the moral influence of the schools; temperance instruction; manual training and technical schools; report of Mr. Charles Copland Perry on technical education in France; the admission of American students into French universities; review of the career of M. Victor Duruy, minister of public instruction, 1863-1869, by the Duc de Broglie; review of the work of M. Henri Marion, first professor of the science of education at the Sorbonne, by M. F. Buisson. (Report, 1897-98, vol. 1, pp. 694-788.)
- The universities, as organized under the law of 1896; tabular view, 1887 and 1897; admission of foreign students; the university doctorate created under decree of 1897; primary education; work of the Republic reviewed; secondary education; congress of professors; commission of inquiry. (Report 1898-99, vol. 1, pp. 1086-1138.)
- Education at the Paris Exposition. (Report, 1899-1900 vol. 2, pp. 1661-1709.)
- Proposed reform of state secondary schools; public lycées and colleges for girls; universities, reorganization and recent development; the congress of primary education. (Report, 1899-1900, vol. 1, pp. 1711-1732.)
- Retrospective and current survey of state education; the system of primary school inspection; the new scheme of secondary education; the law subjecting religious orders to civic authority; conspectus of courses of study in the University of Paris; the new university doctorates; international correspondence of students; the teaching of "la morale" in the primary schools; the simplification of French syntax. (Report, 1901, vol. 1, pp. 1081–1136.)

Statistics 1899–1900; new programmes of secondary schools, Doctor Compayré; the reorganized universities, special reports by M. Liard and M. Maurice-Faure; professional and financial status of French primary teachers; report of special commission. (Report, 1902, vol. 1, pp. 667–719.)

Statistics, current and retrospective. Primary schools, organization, and programmes; detailed programme of moral instruction. Programmes of higher primary schools compared with those of American high schools and with those of French secondary schools. (Report, 1903, vol. 1, pp. 585-622.)

#### TOPICAL OUTLINE.

Salient features of the system of public instruction in France. Uniform organization of the "académics" or local subdivisions of the system. Effects of the law against the religious associations. Efforts to liberalize the universities and colleges. Statistical summary of schools and universities, 1903-4. State appropriations for the service.

Primary education.—Statistics, retrospective and current, with explanatory comments: Enrollment and attendance; the teaching force, number and classification, qualifications, salaries. Movements for prolonging the education of the people and for promoting the social welfare of the young. Expenditure for public primary education. Practical results of primary education. Educational statistics of cities having more than 100,000 inhabitants.

Secondary cducation.—Lycées and colleges for boys; statistics; the new programmes; salaries of professors and teachers. Lycées and colleges for girls; studies comprised in; distribution of students; enrollment, 1881-1904.

Universities and special schools.—Recent progress; statistics. Technical and industrial schools not under the number of public instruction; higher technical schools; technical schools of lower grade.

## SALIENT FEATURES OF THE SYSTEM OF PUBLIC INSTRUCTION IN FRANCE.

The system of public instruction in France has been described very fully in previous reports of this series. Hence it is enough to recall here the salient features of the system, its compact organization, centralized authority, and uniform operation throughout the country.

The chief of the university system is a cabinet officer, whose title, under the administration of Premier Combes, was "minister of public instruction and fine arts." In the readjustment of public affairs under M. Rouvier (who succeeded M. Combes in January, 1905) public worship was transferred to this ministry, thus restoring a relation which has been repeatedly formed and broken up in the past. The position was held by M. Bienvenu-Martin from January 24, 1905, to March 14, 1906, when it passed to the present incumbent, M. Briand. The inclusion of public worship at the present time in the same ministry as public instruction is undoubtedly intended to facilitate the execution of the recent laws relative to the religious orders.

The three scholastic divisions of the system of public instruction—i. e., department of higher education, department of secondary education, and department of primary education—continue to be administered, respectively, by M. Bayet, M. Rabier, and M. Gasquet. It has been, indeed, the policy of the Republic to give long tenure to the incumbents of these important positions, thereby guarding the actual work of education from the evils of frequent and capricious change of direction. To this important end tends also the mode of selecting the members of the superior council of public instruction, in which all professional matters are carefully deliberated. This council consists of 60 members—one-fourth appointed by the President of the Republic and the remainder elected by their colleagues (professors and teachers). Although the term of service is but four years, the most competent members are generally continued on from term to term.

The chiefs of the scholastic departments named and the superior council belong to the central administration of the system, to which also pertains the corps of general inspectors for primary education. These officials are required to make two annual tours of their respective districts and report directly to the minister of public instruction the results of their observations.

## UNIFORM ORGANIZATION OF THE "ACADÉMIES."

The administration of the system is facilitated by its local subdivisions or "académies," 17 in number, which repeat in a measure the features of the central administration. Each academic chief, or rector, is assisted by an advisory council, and has directly under him a corps of inspectors numbering as many as the departments (divisions for civil administration) included in the academy. These civil divisions (90 in all, including three in Algiers) are variously distributed among the academics, within which they form districts for the administration of primary schools. The Paris Academy, the most important of all, includes 9 departments. These have a combined population of 5,772,770, of which nearly two-thirds (3,669,930) is concentrated in the Department of the Seine. The minister of public instruction is the nominal head of the Paris Academy, but its administration rests directly with the vice-rector. The service of M. Gréard, who held this position for thirty years (1872 to 1902), greatly influenced the whole movement of education under the Republic. His successor, M. Liard, comes to the position with the prestige of a long and forceful administration of the department of higher education.

The Paris Academy includes the University of Paris, and 19 of the 111 State lycées (classical colleges) for boys, and 5 of the 41 State lycées for girls. The remaining departments of the Paris Academy include 5 lycées for boys and 2 for girls, making, with the 29 communal (or municipal) colleges (24 for boys and 5 for girls), a total of 55 public secondary schools in this academic district.

In addition to the general administration of the academy, the immediate direction of the affairs of the university and secondary schools in an academy are the special charge of the rector, who is president both of the university council and of the academic council. The latter council, composed of professors of higher and secondary instruction, is the deliberative body whose advice determines measures affecting the general conduct of higher and secondary education throughout the academic division. These duties leave the rector small time for attention to primary education, which is placed under the direction of academic inspectors (one for each department), who rank second only to the rector; all other persons engaged in the service of the primary schools are subordinate to them. The prefect, or civil chief of the department, has a measure of independent authority in school matters, as the appointment of regular teachers rests with him, but he must in every case make his choice from a list approved by the academic inspector. While in general there is but one academic inspector for each department, Paris, with its immense population, requires 8, of whom, however, 1 is specially designated as the director of primary education. The academic inspector is assisted by a corps of inspectors for primary schools in the mean proportion of one to every 150 schools. In 1902 there were 18 primary inspectors in the Department of the Seine and 433 in the remaining departments, making a total of 451.

The smallest of all the academic divisions, Chambéry, in the Alpine region of southeastern France, comprising only two departments with a population of 77,897, presents, on a reduced scale, the features of the largest. At the head is the rector and the academic council; in each of the two departments the usual academic inspector and a corps of primary inspectors. This academy does not possess a full university, but its place in the series of institutions is supplied by a university school of sciences and letters. Four lycées, two for boys and two for girls, and two communal colleges make up the provision of public secondary schools; the primary school system is complete in both departments, including two normal schools, one for men and the other for women, and a full complement of primary schools, both elementary and higher. Every academy between the two extremes, Paris and Chambéry, repeats the same organization and the same liberal provision of schools and colleges.

As the appointment of the entire body of officials, and also of the professors of secondary and of higher education, rests either with the president of the Republic or with the minister of public instruction, it is easy to understand how the spirit of political unity is maintained throughout the system.

## EFFECTS OF THE LAW AGAINST THE RELIGIOUS ASSOCIATIONS.

The characteristics of the system of public instruction above described, which must be kept in mind in any attempt to understand educational movements in France, are derived from the university system established by Napoleon and carefully designed to serve political ends. The influence of the system in this respect. attested under successive governments, has been recently illustrated in the struggle against the teaching orders, or brotherhoods. The associations law of July 1, 1901, which required all the religious orders to apply for special authorization from the Government for the continuance of their existence and work, whether charitable or educational, the subsequent refusals of the Government to sanction the authorizations applied for, and the law of July 8, 1904, requiring the suppression of all the teaching orders (monks and nuns) within a period of ten years, have had the effect already of closing above 5,000 schools out of 10,000 conducted by the religious orders. These measures end the liberty of teaching established by the Falloux law of March 18, 1850, and give to the State a monopoly of education scarcely less than that exercised by the university system of Napoleon.

The repressive influence of the associations law is intensified by the law promulgated December 9, 1905, to take effect December, 1906, providing for the complete separation of church and state and thus ending the relations established by the concordat signed by Napoleon and Pope Pius VII in 1801.

In striking contrast to this aggressive policy are the efforts recently made by the Republic to liberalize the higher teaching agencies of the State by infusing into the universities and colleges the spirit of free initiative and individual responsibility. To this end the old university faculties, which under Napoleon were little more than examining bodies with rigidly prescribed functions, have been restored to the dignity of corporate universities, a and the uniformity of the lycées (state colleges) has been modified by new and more elastic programmes.b

Class of institution.	Date.		Enrollment		Pr	ofessors a teachers	
		Male.	Female.	Total.	Men.	Women.	Total.
Infant schools (écoles maternelles), public and private (ages 2 to 6) Primary schools (ages 6 to 14): Public Private Total	1903–4 1903–4 1903–4	2, 410, 550 383, 578 2, 794, 128	2,017,568 742,512 2,760,080	679, 989 4, 428, 118 1, 126, 090 5, 554, 208	56,847 10,669 67,516	9, 445 52, 998 35, 670 88, 668	9, 445 109, 845 46, 339 156, 184
Primary normal schools (ages 16 to 19). Secondary schools (ages 8 to 20): Public Private. Universities: State Private.	1904 1905 1903 1905 1903	4,455 95,165 f 60,751 32,736	3,014 c 30,831 1,922	7, 469 118, 367 34, 658 1, 494	974 d 3, 302 g 1, 672	873 e 831	1,847 1,672

TABLE I.-Statistical summary of schools and universities, 1903-4.

<sup>a</sup> For account of the university law of July 10, 1896, and the measures leading up to it, see Report of Commissioner for 1902, vol. 1, Chap. XV, pp. 698-703.
<sup>b</sup> For new programmes of secondary education, see Report for 1902, vol. 1, pp. 687-697.
<sup>c</sup> Includes 7,375 in secondary classes not connected with secondary schools.
<sup>d</sup> Professors in State lycées for boys in 1903. These enrolled 58,593 students, as against 35,612 students

in local colleges.

C Directresses, professors, matrons, and clerks in secondary schools for girls. / Also 22,497 in seminaries preparing candidates for the priesthood. 9 In 1904, not including clinical assistants in the faculties of medicine. Ilbrarians, etc.

Table I shows the enrollment in primary schools, secondary schools, and universities and the number of teachers and professors employed for the latest year for which official statistics are available.<sup>a</sup> The expenditures for the system of public instruction have not been reported since the issue of the last official statistics which are prepared by the statistical commission at stated intervals.<sup>b</sup>

## STATE APPROPRIATIONS.

The appropriations by the legislature for this service have increased by  $79\frac{1}{2}$  per cent in the last two decades. They amounted in 1886 to 131,993,455 francs(\$26,398,691), in 1905 to 237,014,806 francs (\$47,402,961).<sup>c</sup> Of the total increase, \$21,004,270, or 79 $\frac{1}{2}$  per cent, about one-third (in round numbers \$6,900,000) was required to carry out the recently adopted scheme of classification for teachers of primary schools, which increases slightly the salaries in the lower classes and provides for more rapid promotion from a lower to a higher class.<sup>d</sup> The appropriation for 1905 was distributed as follows:  $\epsilon$  For administration, 4,039,120 francs (\$807,824), 2 per cent; for higher education, including universities, special schools, f scientific bureaus, 20,591,596 francs (\$4,118,319), 8.6 per cent; secondary education, 26,744,360 francs (\$5,348,872), 11.2 per cent; primary education, 173,303,386 francs (\$34,660,677), 73 per cent; miscellaneous, chiefly for school buildings, 12,346,344 francs (\$2,469,268), 5.2 per cent.

#### DETAILED STATISTICS OF PRIMARY EDUCATION.

					Pupils in schools.				
Year.	Total num- ber of pupils.	Boys.	Girls.	Public.	Private.	Secular.	Belonging to religious orders.		
1837. 1843. 1850. 1866. 1872. 1876-77. 1881-82. 1886-87. 1891-92. 1891-92. 1896-97. 1901-2. 1902-3.	$\begin{array}{r} 4,716,935\\ 5,341,211\\ 5,596,919\\ 5,556,470\\ 5,531,418\\ 5,550,284\end{array}$	$\begin{array}{c} 1,579,888\\ 1,812,709\\ 1,793,667\\ 2,343,781\\ 2,445,216\\ 2,400,882\\ 2,708,510\\ 2,829,127\\ 2,805,849\\ 2,782,547\\ 2,776,978\\ b2,785,650\\ \end{array}$	$\begin{matrix} 1,110,147\\ 1,351,588\\ 1,528,756\\ 2,172,186\\ 2,277,538\\ 2,316,053\\ 2,632,701\\ 2,767,792\\ 2,750,621\\ 2,748,871\\ 2,774,306\\ 2,767,112 \end{matrix}$	$\begin{array}{c} 2,046,455\\ 2,407,425\\ 2,601,619\\ 3,537,709\\ 3,835,991\\ 3,823,348\\ 4,359,256\\ 4,505,109\\ 4,281,183\\ 4,190,320\\ 4,175,575\\ 4,309,095 \end{array}$	$\begin{array}{r} 643,580\\756,872\\720,804\\978,258\\886,63\\893,587\\981,955\\1,091,810\\1,275,287\\1,341,098\\1,374,709\\1,243,667\end{array}$	$\begin{array}{c} 2, 457, 380\\ 2, 368, 627\\ 2, 820, 670\\ \hline \\ 2, 648, 562\\ 3, 567, 861\\ 3, 877, 185\\ 3, 900, 977\\ 3, 911, 860\\ 4, 040, 329\\ 4, 435, 747\\ \end{array}$	$\begin{array}{c} \hline & 706, 917 \\ 953, 796 \\ 1, 695, 297 \\ \hline & 2, 068, 373 \\ 1, 773, 350 \\ 1, 719, 734 \\ 1, 655, 493 \\ 1, 618, 612 \\ 1, 509, 955 \\ 1, 117, 015 \\ \end{array}$		

TABLE II.—Retrospective view of pupils in the primary schools.<sup>a</sup>

<sup>a</sup> Infant schools not included. Algiers not included prior to 1886–87. <sup>b</sup> Includes a few girls in mixed schools.

It will be seen from the foregoing table that the primary schools of France are classified as public and private, but under the head of public schools are included schools established by the local authorities and private (clerical) schools adopted as public schools. The proportion of the latter to the whole number of public schools was 22 per cent in 1876-77; in 1891-92 it had fallen to 10 per cent, and in 1901-2 to 5 per cent.

The private primary schools are either secular schools or schools belonging to the religious orders. In 1902 the latter formed 85 per cent of all private primary schools. As a rule, moreover, the teachers of the private secular schools are in close relations with their clerical superiors. Hence the statistics showing the distribution of pupils in the several classes of schools (Tables II and III) taken alone do not indicate the full strength of the clerical influence. They should be studied in connection with the statistics showing the classification of teachers (Tables IV–VI).

a Derived from Annuaire Statistique, 1904, and report of M. Massé to the Chamber of Deputies on the budget of 1905. <sup>b</sup> The latest of these official reports are as follows: Statistique de l'enseignement primaire, 1901-2;

Statistique de l'enseignement secondaire des garçons, 1887; Statistique de l'enseignement supérieur, 1889-1899.

<sup>c Report of M. Massé, chairman of the financial committee of the Chamber of Deputies, on the budget for 1906, p. 13.
d See Report of the Commissioner of Education for 1903, vol. 1, p. 591.</sup> 

Report of M. Massé, table, pp. 3-12.

f For the list of special schools sharing in the appropriation for higher education, see pp. 81, 82.

Enrollment.—Table II shows the enrollment in the different classes of primary schools for selected years from 1837 to 1902-3 inclusive.ª The sixty-seven years included in this survey cover practically the entire period during which the education of the masses has been accepted as a public obligation. The law of 1833, Guizot's law, as it is named from its distinguished author, minister of public instruction under Louis Philippe, made it obligatory upon every commune to maintain at least one primary school, which might be either an adopted parochial school or a school established by the communal authorities. The first official report showing the effects of this law was published in 1837, at which date above 75 per cent of the elementary pupils were in schools classified as public. In 1843 the classification of schools as secular and belonging to the religious orders, was also employed in the reports, and the same has ever since been retained. The statistics, therefore, indicate not only the progress in respect to the public support of primary education, but the relative strength of the two opposing policies in respect to the control of primary schools-namely, control by the State as against control by the church. After the passage of the Falloux law of March 18, 1850, which favored clerical schools, the enrollment in the latter schools steadily increased, reaching its maximum, 44 per cent of the total, in 1876-77, just before the newly established republic entered actively upon its educational work. The first measures adopted by the Republic related to the provision of schoolhouses (law of 1878 creating a fund of 120,000,000 francs (\$24,000,000) for this purpose) and the preparation of an adequate teaching force (law of 1879 providing for the establishment of a normal school for women in every department). There followed in rapid succession the laws of 1881 requiring teachers to be provided with State diplomas and making public schools free; the law of March 28, 1882, making public schools strictly secular and obliging parents to secure the instruction of their children; and the law of October 30, 1886, which prescribed minutely the details of school administration, school programmes, etc., and provided for the gradual elimination of clerical teachers from all public schools. The effects of this law are indicated in the steadily increasing enrollment in private (chiefly clerical) schools after 1886 down to the last year of the period reviewed (1902-3), when the Government, under sanction of the law of 1901 relative to the religious associations, had begun the work of eliminating them entirely from the educational field.

From Table III, showing the proportion of children enrolled in the different classes of schools at specified dates during the period reviewed, it will be seen that there was a transfer of pupils from public to private schools after 1886, as the elimination of clerical teachers from the former schools proceeded. Five years were allowed for the exclusion of clerical teachers from the schools for boys, but no limit was fixed to the time in the case of schools for girls.

Year.	Public.	Private.	Secular.	Schools of reli- gious or- ders.
1837	76 78.3 78.3 81 81.6 79.9 77.1	Per cent. 24 21.7 21.7 19 18.4 20.1 22.9 24.3 24.77 22.40	Per cent. 71.2 62.4 56 66.8 69.5 70.1 70.7 72.79 79.88	Per cent. 28.8 37.6 44 33.2 30.5 29.9 29.9 29.3 27.21 20.12

TABLE III.—Proportion of total enrollment in different classes of primary schools at dates specified.

<sup>a</sup> The years selected were marked either by the passage of important school laws or by the issue of a volume of the series of official reports, which have appeared regularly at five-years' interval since 1876-77. By reference to Table II it will be seen that the total enrollment in primary schools, which decreased quite steadily from 1886–87 to 1900–1901, inclusive, showed decided increase in 1901–2. Omitting Algiers, the enrollment in France alone for the last year specified was 5,433,302, a gain of 6,091, or 1 per cent, since 1891–92. This increase seems to indicate that recent measures for enforcing the compulsory school law have had effect.

Average attendance.—The item of average attendance, which is generally regarded as a better index of the true state of school attendance than enrollment, is wanting in the official report of French schools. It is customary, however, to compare the actual attendance on a specified day in June and December—the months of the lowest and highest attendance—with the total enrollment for those months. It appears from the comparison on this basis that the school attendance on December 2, 1901, was 79.3 per cent of the month's enrollment, and that the school attendance on June 2, 1902, was 74.9 per cent of the month's eurollment.

The entire school enrollment for 1901-2 (5,550,284) was equivalent to 14.24 per cent of the total population (census of 1901). Remembering that the ratio of the legal school population of France (ages 6 completed to 13 completed) to the whole population (38,961,945, census of 1901) is smaller than in the other leading countries (in 1896 it stood at 12.12 per cent), the ratio of school attendance is seen to be comparatively high.

The following statistics are presented in evidence of recent increase in school attendance:

•	Enrol	lment.
	1901-2.	1902-3.
Public schools: December	3,230,526	3, 317, 889
June Private schools:	3, 049, 575	3, 130, 733
December. June	1,155,898 1,135,834	1,049,810 987,740

According to this showing the public schools in December, 1902, had an excess of 87,000 pupils over the number in December, 1901, and in June, 1903, an excess of 81,000 over the number for the preceding June.

*Higher primary schools.*—In the category of primary schools are included the higher primary schools, which numbered 302 in 1901–2, having a total enrollment of 34,563 pupils (23,257 boys and 11,306 girls). The public schools of this grade greatly outnumber the private schools, the former enrolling 34,084 pupils against 479 in the latter.

If to the enrollment in the higher primary schools be added the pupils in advanced classes (cours complémentaires), which are attached to many primary schools, the total enrollment of pupils in the schools and classes called higher primary is raised to 68,611. The requirement for admission to these higher schools is possession of the certificate of primary studies—which can not be obtained by a child under 12 years of age—or the passing of an examination proving equivalent attainments, which is not open to children under 13 years of age. The regular course of the higher primary schools is three years, but a fourth year is allowed.

In Paris, which is credited with 11,931 pupils in higher primary schools (included in the total enrollment already given), and in Lyon, Havre, and a few other cities, the schools of this class are more highly developed than elsewhere, and are comparable with the scientific or modern divisions of the high schools in the chief cities of our own country. In general, however, the higher primary schools of France may be compared with the grammar grades and the two lower classes of American high schools. The most advanced of the French higher primary schools give greater prominence to the industrial applications of theoretic knowledge than any class of high schools in the United States.<sup>a</sup>

The teaching force.—The efforts to secularize the public primary schools have naturally affected the general character of the teaching force, which until a very recent date comprised a certain proportion of clerical teachers. After the passage of the law of 1886, prohibiting the further employment of teachers of this class in the public schools, the number of teachers in private schools increased, as will be seen by reference to Table V. The effect of the law of 1901, depriving the religious orders of their liberty in respect to teaching, was discernible before the close of the year 1901–2 in a slight increase in the proportion of secular teachers. By reference to tables V and VI it will be seen that men belonging to religious orders have been entirely excluded from the teaching force of public primary schools, and that the proportion of women teachers belonging to religious sisterhoods is rapidly declining. It should be explained that nearly all the private secular schools have clerical affiliations, and hence immediately after the passage of the law relative to the associations a transfer took place of teachers and also of pupils from private clerical to private secular schools.

TABLE IV.—Number and classification of teachers of primary schools at specified dates.

	Total			Men and	women.
Year.	number teachers.	Men.	Women.	Public schools.	Private schools.
$\begin{array}{c} 1837.\\ 1872.\\ 1879.\\ 1876.\\ 77.\\ 1881.\\ 886.\\ 87.\\ a.\\ 1891.\\ 92.\\ 1896.\\ 97.\\ 1991.\\ 2.\\ 1990.\\ 2.\\ 1990.\\ 2.\\ 1990.\\ 3.\\ \end{array}$	$110,238 \\ 110,709 \\ 124,965 \\ 138,655 \\ 146,674 \\ 152,277$	$\begin{array}{r} 39,302\\ 50,549\\ 51,717\\ 58,137\\ 64,039\\ 66,363\\ 67,339\\ 68,111\\ 67,516\end{array}$	$\begin{array}{c} 20, 433\\ 59, 689\\ 58, 992\\ 66, 828\\ 74, 616\\ 80, 311\\ 84, 938\\ 90, 962\\ 88, 668\end{array}$	$\begin{array}{r} 38,465\\75,062\\80,063\\88,220\\98,769\\102,486\\105,774\\108,614\\109,845\end{array}$	$\begin{array}{r} 21,270\\ 35,176\\ 30,646\\ 36,745\\ 39,886\\ 44,188\\ 46,503\\ 50,459\\ 46,339\end{array}$

a For this and for subsequent years Algiers included.

TABLE V.-Lay and clerical teachers.

## PUBLIC SCHOOLS.

-	1886-87.	1891–92.	1896–97.	1901–2.	Increase (+) or de- crease (-) 1886-87 to 1901-2.
Men: Lay Belonging to religious orders	$53,072 \\ 2,544$	$55,559 \\ 132$	56, 373	56,705	$\begin{array}{r} Per \ cent. \\ + \ \ 6.82 \\ -100.00 \end{array}$
Total	55, 617	55, 691	56, 373	56, 705	+ 1.95
Women: Lay. Belonging to religious orders.	29, 887 13, 265	$35,446 \\ 11,349$	40, 385 9, 013	46,212 5,697	$+ 54.62 \\ - 57.05$
Total	43,152	46,795	49,398	51,909	+ 20.29
Grand total	98, 769	102, 486	105, 774	108, 614	+ 9.96

a For a detailed account of the higher primary schools, including typical programmes, see Report of the Commissioner for 1903, Vol. 1, Chap. XIII, pp. 606-611.

## EDUCATION IN FRANCE.

## TABLE V.—Lay and clerical teachers—Continued.

Increase (+) or de-1886-87. 1891-92. 1896-97. 1901-2. (+) of de-crease (-) 1886-87 to 1901-2. Per cent. - 33, 55 Men: 1,4239,2491.842 1 278 1.224 Lav Belonging to religious orders. 6, 580 9,685 10, 182 + 54.588.422 10 672 10.963 11.406 + 35, 43 Total Women: 6,186 5,50030,0406.923 5,18133,872 - 25 16 Lay. Belonging to religious orders.... 24,54127,330 + 32.61Total..... 31, 464 33.516 35.540 39.053 + 24.12+ 26.47 46,503 Grand total..... 39,896 44,180 50,459

PRIVATE SCHOOLS.

TABLE VI.—Proportion of lay and of clerical teachers for the years specified.

		Publie	schools.		Private schools.			
	1886-87.	1891-92.	1896-97.	1901-2.	1886-87.	1891–92.	1896-97.	1901–2.
Men: LayBelonging to religious orders Women: LayBelonging to religious orders	69.26	Per ct. 99.8 .2 75.74 24.26	Per ct. 100.00 81.75 18.25	Per ct. 100.00 	Per ct. 21.87 78.13 22.00 78.00	Per ct. 13. 33 86. 70 18. 45 81. 55	Per ct. 11.65 88.35 15.47 84.53	Per ct. 10.73 89.27 13.27 86.73

*Qualifications of teachers.*—Of greater general interest than the changes in the teaching force, due to political conditions peculiar to France, are the official statements indicating the professional qualifications and the financial status of the teachers.

The high degree of scholastic attainments and of professional training on the part of the teachers is one of the most important results of the great efforts made by the Government in behalf of popular education. The official report shows that all the men and about 96 per cent of the women at the head of primary schools are possessed of State diplomas. Of assistant teachers—that is, teachers in charge of a class—the proportion possessed of a State diploma is, for men, 98.29 per cent; for women, 93.25 per cent. Moreover, the great majority of the teachers, 67 per cent of the men and 68 per cent of the women, had obtained the higher of the two required diplomas. The few men not having a State diploma (in all, 547) were possessed of a university degree.

It should be further noted that the teachers are classed as probationers (stagiaires) and full teachers (titulaires). In order to be appointed as a full teacher one must be provided with a special diploma (certificat d'aptitude pédagogique), which can be obtained only by examination after a period of two years' service as a teacher. In 1902 the number of teachers provided with this certificate was 62,820 (33,369 men and 29,451 women), equivalent to 40 per cent of the teaching force.

The remarkable progress made by France in securing trained teachers for its public schools is due in great measure to the liberal provision of normal schools and the high standard at which these are maintained. Every department has complied with the law requiring the establishment of two normal schools, one for men and the other for women, or has been authorized to combine with another department for this purpose. The number of primary or departmental normal schools in 1903 was 171--namely, 87 for men with 4,421 students and 84 for women with 4,741 students. The State shows its solicitude in this matter by the maintenance of two superior normal schools, one for men at St. Cloud, the other for women at Fontenay-aux-Roses, in which professors are trained at public expense for the primary normals. The former has an annual attendance of 35 or 36 students and the latter about 50 students. These two superior schools are really postgraduate institutions, requiring for admission either the higher diploma of pedagogy or a bachelor's degree.

In addition to the scholastic and professional qualifications required for admission to the teaching service, candidates must be citizens of France, native or naturalized, and, if men, must have attained at least the age of 18; if women, the age of 17.

Salaries of teachers of public primary schools.—Not only is admission to the teaching service carefully guarded, but the rate of salary allowed by the State for each grade of the service and the conditions of promotion from grade to grade are fixed by law.

By law of July 19, 1889, the full teachers (titulaires) were divided into five classes, the percentage of the whole number of teachers in each class and the salaries allowed for each being definitely established. Recent investigations have shown that the salaries allowed by the State are too low to enable teachers to meet the necessities of life, especially where little or no addition is to be looked for from local sources; and further, that the rigid limit of the proportion of teachers in each class (le pourcentage) virtually deprived the great body of teachers of the hope of advancement to the higher grades.<sup>*a*</sup> These unfortunate conditions have been somewhat improved by a slight increase in the annual salaries allowed probationers and fifth-grade teachers, 100 frances (\$20) each, and by abolishing the system of percentage. Henceforth teachers in each grade below the second are entitled to promotion to the next higher after a specified term of service passed in the lower grade. For promotion from the fifth to the fourth grade and from the fourth to the third the required term of service is five years; from the third to the second, six years, the candidates being advanced in the order of their seniority (laws of March 31 and December 30, 1903).

The salaries allowed by the State for teachers of elementary primary schools under the new regulations are as follows:

	Male te	eachers.	Female teachers.		
Class,	French currency.		French currency.	U. S. currency.	
Probationers Fifth Fourth Third Second First	Francs. 1,000 1,100 1,200 1,500 1,800 2,000	$240 \\ 300$	Francs. 1,000 1,100 1,200 1,200 1,400 1,500 1,600	\$200 220 240 280 300 320	

Principals in charge of a school receive additions to the fixed salary of the grade to which they belong, as follows: If in charge of a school of three or four classes, \$40 per annum; if more than four classes, \$80.

The salaries of teachers of the higher primary schools, which were slightly increased by the financial law of April 22, 1905, are as follows:

	Higher primary schools.					
Class.	French o	French currency.		urrency.		
1	Former salaries.	New sal- aries.	Former salaries.	New sal- aries.		
Fifth Fourth Third Second First	Francs. 1,800 2,000 2,200 2,500 2,800	Francs. 2,000 2,300 2,600 2,800 3,000	\$360 400 440 500 560	\$400 460 520 560 600		

<sup>a</sup> For detailed account of these investigations see the Report of the Commissioner for 1902, Chap. XV, pp. 710-719.

In addition to the salaries provided by the State, every commune is required by law to provide a residence for the head teacher of its public school (in the smaller communes an assistant teacher, if there is one, is generally the wife or sister of the principal), or its money equivalent, and a commune may increase the salary. Outside of the large cities, however, the local increase of salaries is seldom granted without the requirement of other teaching. The rural school teacher is expected to act as secretary to the mayor of his commune, whose office is generally on the school premises. For this service he may, and often does, receive compensation.

The proportion of teachers, however, whose income from all possible sources is enough to insure a comfortable living is small. Recent investigations already referred to showed that out of 3,462 teachers whose incomes were ascertained only 312 received from all sources above 3,000 francs (\$600) a year; 1,970, from 2,001 francs to 3,000 francs (\$400 to \$600); and 1,079, from 1,501 francs to 2,000 francs (\$300 to \$400).

Once appointed titulaire (full teacher), the primary school teacher has practically a life tenure of his position, as he can only be removed for immorality or incompetence. The teacher may, however, be transferred from one place to another without warning or consultation, and this is often done for political or personal reasons; the evil, indeed, has become so great that legislative measures are pending which promise the teacher greater security in the position to which he may be assigned.

As members of the civil service, teachers are carried on the pension list and may demand their retirement at 55 years of age if they have twenty-five years' service to their credit. The years passed in the normal school after the student reaches 20 years of age count toward the pension. The rate of pension is based on the average of the teacher's salary for the last six years of service. For twenty-five years' service the pension is reckoned at 50 per cent of the average, with one-fiftieth for every year's extra service. The pension can not be lower than 600 francs (\$120) per annum for men and 500 francs (\$100) for women. Hitherto the annual appropriations for pensions have not sufficed to prevent the block in promotions. For the last two years the Government has made special appropriations, with a view to increasing the number of pensioners and thus making way for teachers entitled to promotion.

To complete the view of the nominal advantages offered by the teaching career, it should be added that the required term of military service (three years) is reduced to one year for teachers. Until recently teachers were exempt from military service, and the sons of rich peasants, it is said, often entered the normal school to escape military service; but zealous teachers complained of a privilege which seemed to put a stamp of effeminacy upon their profession and which also drew to it men having no real interest in the work. The one year's service was accorded in response to this spirit of patriotic and professional pride, but it has not proved very satisfactory, as the great body of those affected would prefer to serve the full three years rather than be marked off from their comrades by a term of one year.

An additional privilege accorded to primary teachers is that of free tuition for their sons in the national lycées and colleges (law of 1900), and they have the right to travel by rail at half the regular fare.

## MOVEMENTS FOR PROLONGING THE EDUCATION OF THE PEOPLE AND FOR PROMOTING THE SOCIAL WELFARE OF THE YOUNG.

The obligatory period of primary instruction extends from the sixth to the thirteenth year, but a child who passes the examination for the certificate of primary studies is exempt from the obligation to attend school. Candidates may be admitted to this examination at 11 years of age, and in fact a large proportion of those who seek the certificate do so at that early age; hence the very means taken to increase the interest of pupils tends to shorten their school term. The majority of the children leave school at an earlier age than 13, and even for those who pass the whole obligatory period in school the wholesome restraints of instruction and constant supervision are too soon removed. It is also true in France, as in other countries, that elementary instruction, by its natural limitations, does not leave the same lasting effect upon the character or furnish the same intellectual resources as higher education.

The condition of the young people of the laboring classes thrown upon the world with meager attainments and without preparation for any particular industry has long excited the serious attention of the Government and of public-spirited, earnest men and women throughout the country. The recent vigorous movement for extending the provision for adult education is the outcome of this solicitude. The Government, which has given substantial aid to the cause, in 1895 ordered a special investigation, with a view to obtaining complete information as to the status of the work and to determining the means for extending and improving it. This commission was intrusted to M. Édouard Petit, a professor in one of the Paris lycées and an indefatigable promoter of the cause of adult education. He found teachers and professors everywhere alive to the importance of the effort and ready to give their aid in establishing and maintaining classes. Numerous private societies entered into the work with great spirit, and in 1895 the Havre Society for Instruction by Objects (enseignement par l'aspect) celebrated its fifteenth anniversary by calling a congress of all the societies engaged in promoting popular education to consider the subject of the systematic instruction of adults and adolescents. The minister of public instruction presided over the congress, and the resolutions of this body have shaped in a measure the subsequent official regulations. These schools and classes, which are held generally in the evening, sometimes on Sunday, offer courses of instruction for illiterates, review courses, and continuation courses. The last named have usually a technical or industrial character, and prepare the student, especially in the rural communities, for agriculture and other pursuits. The local adaptation of the courses is carefully studied, and also their relation to the age and economic condition of the students. Civic instruction has a large place in the programmes, and the subject is much more thoroughly treated than is possible in the primary schools. The students in general show deep and earnest appreciation of the opportunities thus offered. The growth of the work is indicated by the following statistics:

-	Number of courses of lectures.			Number	Number o	of regular att	tendants.
Year.	For men.	For women.	Total.	of attend- ants reg- istered.	Men.	Women.	Total.
1895–96. 1896–97. 1897–98. 1900. 1901–2. 1902–3.	- 13, 920 20, 099 22, 939 28, 703 29, 074	$ \begin{array}{r} 1,808\\ 4,429\\ 7,429\\ \hline 14,341\\ 15,354\\ \end{array} $	15,72824,52830,36838,29143,04444,428		340, 926 378, 196	68, 555 104, 711	

Various efforts for promoting the social well-being of young people have grown out of this movement for their continued education. Among these are the formation of mutual aid associations and of friendly societies (petits amis). The former increased from 10 associations in 1896 to 1,600 in 1900. They included 12,000 schools and 450,000 young members in 1900 and 13,000 schools in 1902–3, with 556,000 contributing members.

The friendly associations are intended to maintain the spirit of comradeship and the interests that are begun in the school days, but further than this they serve as a means of interesting the young men and women who have passed out of the schools in the children who have taken their places as pupils. The idea that society in general must make itself responsible for the rising generation beyond the mere matter of their school training is steadily gaining ground in France, and other agencies besides the associations of former pupils are entering heartily into the work. For this purpose numerous associations (patronages scolaires) have been formed to watch over the moral and material welfare of young people after they are out of school. The efforts of these societies take the very practical forms of finding suitable work for the young, shielding them from demoralizing influences, and extending their education in practical directions. The number of societies of this kind rose from 34 in 1894–95, when the movement began, to 1,663, in 1903. Teachers and school officers unite with representative people in different walks of life to promote the work, which is also fostered by public funds. For the year under review 2,200,000 francs (\$440,000), including 950,000 francs (\$190,000) from Paris, were appropriated from local funds, and the public treasury made a small appropriation, 300,000 francs (\$60,000), for the same purpose.

Among the legal measures adopted in view of the compulsory school law is the requirement that every commune shall maintain a fund to supply the necessities of life to very poor children. This requirement has never been fully enforced, but the number of communes meeting the obligation steadily increases. In 1902 funds of the nature indicated were maintained by nearly half the communes in France, viz, 17,439, on a total of 36,551. The disbursements from the funds amounted to \$1,340,077.

## EXPENDITURE FOR PUBLIC PRIMARY EDUCATION.

The expenditure for public primary education is met by the State, the department (corresponds to county), and the commune (city, town, or rural district). The State bears the larger proportion of the expenses (about two-thirds), while the departments do not contribute to the current obligatory expenditure, their responsibility extending only to the appropriation of funds for the payment of the overseers of school workshops and of practical specialists appointed to give instruction in agriculture, commerce, and industry. The only obligatory expenses left to the communes are the cost of site and school building, school furniture and equipments, heating and lighting school premises, residence for the teacher, wages of a servant employed to look after the children in the infant school, of the care taker for the primary school, and the salaries of sewing teachers and other special teachers employed by the local authorities. The State pays the salaries of teachers fixed by law and bears the expense of inspection and of all administrative service. The amount disbursed from the State treasury for primary education is derived from a school tax, which by law of July 14, 1889, was fixed at 8.12 per cent of the revenue from the four direct taxes levied by the State for general purposes. The amount thus raised is turned into the public treasury. The cities having more than 150,000 inhabitants (namely, Lille, Bordeaux, Lyon, Marseille, and the city of Paris) meet the entire expenditure of their primary schools from the school tax levied upon them. The State simply appropriates to the former four a sum equal to the school tax which they pay; i. e., equal to the product of 8 per cent on the four direct taxes, and to Paris a sum equal to 4 per cent, or less than the amount of its school tax.

The expenditures for primary schools are classed as obligatory, optional, and divers. The obligatory expenditures are current and extraordinary, the latter being for purchase of sites and construction of school buildings. Under the head of divers expenditures are included the cost of evening schools or other special instruction for adults, funds for aiding teachers, scholarships and prizes for worthy pupils, library funds, etc.

Vice	Total exp	enditures.	Proportion from each con- tributory source.			
Year.	French cur- rency.	U. S. cur- rency.	State.	Depart- ments.	Com- munes.	
1877. 1881-82. 1886-87. 1891-92. 1890-97. 1900 a. 1900 2.	$\begin{array}{c} Francs.\\ 94, 397, 554\\ 132, 314, 010\\ 172, 900, 515\\ 186, 306, 075\\ 214, 015, 250\\ 223, 966, 253\\ 236, 598, 969\\ \end{array}$	\$18, 879, 510 26, 462, 802 34, 580, 103 37, 261, 215 42, 803, 050 44, 793, 250 47, 319, 793	$\begin{array}{c} Per \ cent. \\ 25 \\ 66. 25 \\ 48. 80 \\ 67. 60 \\ 67. 02 \\ 67. 5 \\ 65. 5 \end{array}$	Per cent. 18 13.22 10.50	$\begin{array}{c} Per \ cent. \\ 57 \\ 20. 53 \\ 40. 90 \\ 32. 40 \\ 32. 98 \\ 32. 5 \\ 34. 5 \end{array}$	

TABLE VII.—Total current expenditures for public primary schools.

<sup>a</sup> The expenditure for 1900, as given in the Commissioner's Report for 1903, did not include the expenditure for Algiers, which information was not available at the time.

TABLE	VIII.— $Ex$	penditure	per capita	for years	specified.

Year.	Per capita of pop- ulation.		Per capita of enroll- ment in public primary schools (infant schools included).	
	French currency.	U.S. currency.	French currency.	U.S. currency.
1877 1881-82 1886-87 1890-97 1890-97 1900 a 1902	4.52 4.82 5.55		Francs, 23, 45 30, 25 34, 85 39, 26 46, 00 48, 51 50, 98	\$4. 69 6. 05 6. 97 7. 85 9. 20 9. 70 10. 19

a The expenditure per capita of population is estimated upon the census population of 1901, viz, 38,961,945.

The total appropriation by the State for education in 1902 was 215,980,619 francs (\$43,196,123). Of this amount, primary education received 155,098,452 francs (\$31,019,690), about 72 per cent.

The total expenditure for primary education in 1902 was distributed as follows:

	French	U. S.	Per cent
	currency.	currency.	of total.
For inspection of primary schools. Obligatory expenditures for primary schools. Optional and extra expenditures for primary schools. Expenditure for primary normal schools. Total.	Francs. 2, 394, 492 195, 005, 457 30, 978, 888 8, 220, 132 226, 598, 969	\$478, \$98 39, 001, 091 6, 195, 777 1, 644, 026 47, 319, 792	1.01 82.39 13.09 3.51

The foregoing statement relates wholly to current expenditures; in order to complete the record of what the State has done for primary schools, it is necessary to consider the amount of money that has been contributed from the public treasury for the construction of schoolhouses. The policy adopted in 1878 of aiding communities in the effort to meet the law in this respect, either by subventions or by loans from the public treasury, has been continued to the present time. The amount of money thus appropriated during the last half decade reported is shown in the following statement:

Year.	Amount allowed by the legislature.		Amount a propr	Number of com-	
i ear.	French currency.	U. S. cur- rency.	French currency.	U. S. cur- rency.	munes aided.
1898 1899 1990 1900 1901 1902	$\begin{array}{c} Francs. \\ 6, 3J0, 000 \\ 6, 200, 000 \\ 6, 200, 000 \\ 6, 000, 000 \\ 6, 000, 000 \\ 6, 000, 000$	\$1,260,000 1,240,000 1,240,000 1,200,000 1,200,000 1,200,000	$\begin{array}{c} Francs. \\ 6,055,060 \\ 6,066,330 \\ 6,027,405 \\ 5,885,390 \\ 6,207,225 \end{array}$	\$1,211,012 1,213,266 1,205,481 1,177,078 1,241,445	742 784 733 762 796

**TABLE IX.**—Appropriations by the State for building schoolhouses.

From the 1st of January, 1898, to the 31st of December, 1902, the total expenditure for the construction or the enlargement of school buildings, a not including normal schools, was 81,850,927 francs (\$16,370,185), of which amount the State contributed 36.95 per cent. The total amount expended in the construction of school buildings from June 1, 1878, to December 31, 1902, was 718,663,062 francs (\$143,732,612). This total does not include the expenditure by the large cities (Paris, Marseille, Lyon, Bordeaux, Lille), whose accounts in this respect are not under the supervision of the State.

The expenditure for building purposes during the half decade 1898–1902, as given above, does not include the expenditure for buildings for normal schools, which amounted to 716,144 francs (\$143,228), of which the State appropriated a little more than half, viz, 369,750 francs (\$73,950). The entire expenditure for the construction of buildings for normal schools from 1879 to 1903 reaches the sum of 52,821,180 francs (\$10,564,236). This raises the total expenditure for building purposes for the public schools under the control of Government in the twenty-four years since the Republic entered actively upon this work (1879–1903) to 771,484,242 francs (\$154,296,848). It is estimated by the official statistician that the corresponding expenditure by Paris and the four other cities which have borne the entire cost of this work without aid from the State, would raise the above total for building purposes to 1,000,000,000 francs (\$200,000,000).

## PRACTICAL RESULTS OF ELEMENTARY EDUCATION.

The official report calls attention to the diminishing ratio of illiterates as proof of the ever-increasing success of the efforts put forth by the French Government to insure that every child shall acquire at least the elements of knowledge. The proportion of conscripts unable to read and write, which was 14.4 per cent in 1880, had fallen to 4.5, per cent in 1901 and to 4 per cent in 1903. The proportion of the newly married unable to sign the marriage register fell from 16.1 per cent in 1880 to 4.4 per cent in 1901 for men, and in the same period, from 24.5 per cent to 6.3 per cent for women.

It is noticeable further that there is a steady advance in the number of children who pass the examination for the certificate of primary studies. This number rose from 36,841 in 1877 to 186,031 in 1897, and to 206,930 in 1902.

Attention is also called to the increasing interest in reading on the part of school children and their parents, and the disposition to supply professional literature to teachers. The following statistics show the status of school libraries and teachers' libraries (France and Algiers) for the years named:

	1897.	1902.
School libraries Total volumes. Volumes loaned. Teachers' libraries. Total volumes.	2,748	$\begin{array}{r} 43,411\\ 6,977,503\\ 8,082,936\\ 2,674\\ 1,034,132\end{array}$

a The number of buildings erected in this period was 2,151, and the number of old buildings secured or enlarged 1,945. The average cost of each building was 29,438 francs (\$5.887); of each separate school (grade or division under its own teacher), 15,685 francs (\$3,137); of each school place, 320 francs (\$64). The circulating library of the Musée Pédagogique has proved of great benefit to teachers by supplying them with professional literature, which aids them in preparation for their examinations. During the five years, 1898 to 1902, the number of volumes loaned to teachers from this library was 11,024. The Musée Pédagogique also promotes the movement for adult education by the distribution of illustrative pictures to be used with the magic lantern. During the lecture season of 1902–3 the number of views loaned from this center was 31,298.

## TABLE X.—Educational statistics of citics of France having more than 100,000 inhabitants.

<i>a</i>	Public schools.			Private schools.			
City.	Number.	Teachers.	Pupils.	Number.	Teachers.	Pupils.	
Paris Lyon	$149 \\ 40$	641 97	50,731 7,563	93 45	96 58	10,664 5,649	
Marseille	27	76	6,885	41	64	4, 94	
Bordeaux	$\frac{15}{25}$	51 69	4,709 5,504	26 33	$\frac{52}{75}$	3,52 7,93	
Toulouse	11	20	1,749	25	35	2,928	
St. Etienne	25	70 37	5,242	17 20	32	2,57	
Roubaix	12 8	17	5,267 1,340	20	29 8	3, 92 379	
Havre	15	46	4,009	ĭ	2	80	
Rouen		21	1,472	10	15	1,276	
Rheims	13	36	5, 545	11	23	2, 30	
Total	348	1,181	100,016	328	489	46, 47	

## INFANT SCHOOLS (ÉCOLES MATERNELLES), 1896-97.

ELEMENTARY PRIMARY SCHOOLS, 1896-97.

	Public schools.						
City.		Boys.		Girls.			
	Numbe <b>r</b> .	Teachers (men).	Pupils.	Number.	Teachers (women).	Pupils.	
Paris. Lyon Marseille. Bordeaux. Lille. Toulouse. St. Etienne Roubaix. Nantes. Havre. Rouen. Rheims. Total.	200 53 71 20 25 30 26 15 15 13 12 9 13 487	$1,654 \\ 225 \\ 280 \\ 167 \\ 139 \\ 110 \\ 130 \\ 86 \\ 55 \\ 116 \\ 69 \\ 68 \\ \hline 3,199$	82, 470 10, 631 15, 661 8, 817 6, 379 4, 847 5, 811 6, 206 3, 346 5, 477 3, 396 4, 344 157, 386	186 54 71 21 24 26 12 12 13 12 12 12 15 470	1,63620923013113986105636410084622,909	$70,602 \\ 9,440 \\ 11,562 \\ 6,836 \\ 5,116 \\ -3,849 \\ 4,698 \\ 4,321 \\ 3,054 \\ 4,757 \\ 4,059 \\ 4,066 \\ \hline 132,354 \\ \end{array}$	
			Private	schools.		-	
Paris. Lyon Marseille. Bordeaux. Lille. Toulouse. St. Etienne. Roubaix. Nantes. Havre. Rouen. Rouen. Rheims.	151     71     71     80     23     28     16     17     9     16     5     12     13     13     1	$553 \\ 259 \\ 240 \\ 97 \\ 140 \\ 61 \\ 91 \\ 63 \\ 65 \\ 30 \\ 48 \\ 47 \\ 100 \\ $	$\begin{array}{c} 28, 668\\ 7, 450\\ 8, 047\\ 4, 182\\ 6, 654\\ 2, 659\\ 3, 521\\ 3, 125\\ 3, 349\\ 1, 608\\ 2, 102\\ 2, 841 \end{array}$	$\begin{array}{c} 643\\ 154\\ 207\\ 92\\ 44\\ 77\\ 42\\ 21\\ 45\\ 24\\ 45\\ 28\end{array}$	$2, 331 \\ 477 \\ 623 \\ 351 \\ 263 \\ 181 \\ 121 \\ 194 \\ 146 \\ $	$58,724\\11,218\\13,222\\8,828\\9,015\\5,4459\\4,839\\4,590\\4,801\\3,414\\4,323\\4,146$	
Total	441	1,694	74,204	1,402	5, 342	132, 565	

72

# TABLE XI.—Educational statistics of cities of France having more than 100,000 inhabitants.

	Public schools.			Private schools.		
City.	Number.	Teachers.	Pupils.	Number.	Teachers.	Pupils.
Paris Marseille Lyon Bordeaux. Lille Toulouse. St. Etienne Roubaix Nantes Havre Rouen Rheims Nice	$167 \\ 31 \\ 42 \\ 17 \\ 266 \\ 277 \\ 13 \\ 8 \\ 16 \\ 8 \\ 13 \\ 5 \\ 5$	$784 \\96 \\117 \\62 \\73 \\30 \\77 \\40 \\18 \\49 \\20 \\39 \\14 \\14$	$\begin{array}{c} 53,779\\ 8,476\\ 10,337\\ 4,978\\ 5,313\\ 2,715\\ 5,946\\ 5,119\\ 1,515\\ 4,357\\ 1,564\\ 5,460\\ 5,460\\ 1,949\end{array}$	57 -32 25 32 32 24 16 13 6 1 11 11 5	$103 \\ 37 \\ 43 \\ 51 \\ 73 \\ 35 \\ 29 \\ 26 \\ 7 \\ 2 \\ 18 \\ 18 \\ 18 \\ 5 \\ 5$	$\begin{array}{c}9,241\\4,488\\2,533\\3,266\\7,629\\2,366\\2,295\\3,000\\3,77\\60\\1,465\\1,842\\1,842\\141\end{array}$
Nancy Toulon	$\begin{array}{c} 15\\ 10\end{array}$	45 20	3,332 2,249	$\begin{vmatrix} 1\\7 \end{vmatrix}$	$\frac{2}{9}$	80 768
Total	414	1,484	117,089	267	458	39, 554

## INFANT SCHOOLS (ÉCOLES MATERNELLES), 1901-2.

ELEMENTARY PRIMARY SCHOOLS, 1901-2.

	Public schools.						
City.		Boys.		Girls.			
	Number.	Teachers (men).	Pupils.	Number.	Teachers (women).	Pupils.	
Paris Marseille. Lyon. Bordeaux. Lille. TouJouse St. Etienne. Roubaix. Nantes Har re. Rouen. Rheims. Nice Naney. Toulon. Total.	$\begin{array}{r} 202\\ 74\\ 54\\ 20\\ 25\\ 29\\ 25\\ 15\\ 13\\ 9\\ 15\\ 12\\ 12\\ 21\\ 12\\ 6\\ 6\\ 533\end{array}$	$\begin{array}{c} 1,799\\ 326\\ 236\\ 177\\ 143\\ 115\\ 136\\ 66\\ 131\\ 76\\ 80\\ 55\\ 57\\ \hline 3,579\\ \end{array}$	$\begin{array}{c} 86,958\\ 19,224\\ 12,622\\ 9,292\\ 6,850\\ 5,627\\ 5,933\\ 6,071\\ 4,245\\ 6,555\\ 3,663\\ 4,546\\ 4,942\\ 2,903\\ 3,367\\ \hline\end{array}$	$\begin{array}{r} 197\\74\\54\\21\\25\\25\\26\\14\\12\\13\\12\\16\\18\\12\\14\\533\end{array}$	$1,781 \\ 270 \\ 233 \\ 137 \\ 137 \\ 92 \\ 118 \\ 81 \\ 60 \\ 118 \\ 87 \\ 70 \\ 79 \\ 47 \\ 66 \\ \hline 3,376 \\ \hline $	$\begin{array}{c} 74,878\\ 13,558\\ 12,261\\ 7,745\\ 5,613\\ 4,340\\ 4,915\\ 3,444\\ 5,982\\ 4,081\\ 4,221\\ 3,803\\ 2,139\\ 3,560\\ \hline \end{array}$	
			Private	schools.			
Paris. Marseille. Lyon. Bordeaux. Lille. Toulouse. St. Etienne. Roubaix. Nantes. Havre. Rouen. Rheims. Nice. Naney. Toulon.	$\begin{array}{c} 126\\ 74\\ 69\\ 22\\ 26\\ 16\\ 16\\ 10\\ 17\\ 4\\ 12\\ 13\\ 5\\ 5\\ 14\\ 8\end{array}$	$573 \\ 205 \\ 262 \\ 93 \\ 134 \\ 64 \\ 90 \\ 66 \\ 60 \\ 28 \\ 48 \\ 48 \\ 46 \\ 14 \\ 14 \\ 5 \\ 26 \\ 100 \\ $	$\begin{array}{c} 22,081\\7,901\\7,155\\3,541\\6,389\\2,474\\2,894\\2,827\\3,725\\1,142\\1,611\\2,130\\511\\1,945\\812\end{array}$	$\begin{array}{c} 560\\ 196\\ 139\\ 85\\ 4^{\odot}\\ 73\\ 40\\ 19\\ 47\\ 21\\ 43\\ 23\\ 36\\ 33\\ 36\\ 31\\ 39\\ \end{array}$	$\begin{array}{c} 2,285\\ 7,700\\ 465\\ 350\\ 293\\ 255\\ 187\\ 119\\ 221\\ 125\\ 214\\ 115\\ 120\\ 106\\ 95\end{array}$	$\begin{array}{c} 57, 420\\ 13, 566\\ 8, 874\\ 7, 840\\ 6, 950\\ 5, 016\\ 4, 294\\ 4, 607\\ 6, 048\\ 2, 389\\ 4, 274\\ 3, 687\\ 2, 916\\ 3, 731\\ 2, 647\end{array}$	
Total	432	1,774	67,138	1,401	5,654	13, 425	

TABLE	XII.—Enrollment	in elementary	primary schools in	cities of	more than 100,000
		inhabitants in	n 1891–92, 1896–97.		

	1891-92.					
City.		Enrollment.				
	Population.	Public.	Private.	Total.		
Paris. Marseille Lyon Bordeaux. Lille	$\begin{array}{c} 252,415\\ 201,211\\ 149,791\\ 122,750\\ 133,443 \end{array}$	$\begin{array}{c} 150,327\\22,518\\20,578\\a14,330\\b11,625\\9,168\\10,485\\11,691\\\hline 8,856\\7,583\end{array}$	$\begin{array}{c} 92,155\\ 20,113\\ 19,764\\ a13,635\\ b10,636\\ 8,278\\ 7,946\\ 8,303\\ 4,688\\ 6,998\\ \end{array}$	242, 482 42, 631 40, 342 27, 965 22, 261 17, 446 18, 431 19, 994 13, 544 14, 581		

		Increase or			
City.	Denvil	E	decrease, 1891-92,		
	Population.	Public.	Private.	Total.	1896-97.
Paris. Marseille Lyon Bordeaux Lille Toujouse St. Étienne. Roubaix Nantes Havre. Rouen. Rheims	$\begin{array}{r} 442,239\\ 460,028\\ 256,906\\ 216,276\\ 149,963\\ 136,030\\ 124,661\\ 123,902\\ 119,470\\ 113,219\end{array}$	$\begin{array}{c} 153,072\\ 27,532\\ 19,801\\ 15,654\\ 11,495\\ 8,697\\ 10,509\\ 10,864\\ 6,122\\ 10,234\\ 7,455\\ 8,444 \end{array}$	$\begin{array}{c} 87, 392\\ 21, 269\\ 18, 668\\ 13, 010\\ 15, 669\\ 8, 104\\ 8, 360\\ 7, 715\\ 7, 771\\ 4, 988\\ 6, 839\\ 6, 987\\ \end{array}$	$\begin{array}{c} 240, 464\\ 48, 801\\ 38, 469\\ 28, 664\\ 27, 164\\ 16, 801\\ 18, 869\\ 18, 579\\ 13, 893\\ 15, 222\\ 14, 294\\ 15, 431 \end{array}$	$\begin{array}{r} -2,018\\+6,170\\-1,873\\+699\\+4,903\\-645\\+438\\-1,415\\+1,678\\-287\end{array}$
La constante de	1				

		Increase or					
City.	Population	Е	Enrollment.				
		Public.	Private.	Total.	1901-2.		
Paris. Marseille Lyon Bordeaux Lille. Toulouse St. Etienne. Roubaix Nantes. Havre. Rouen. Rheims. Nice. Nancy. Toulon.	$\begin{array}{c} 491,161\\ 459,009\\ 257,638\\ 210,636\\ 149,841\\ 146,559\\ 142,365\\ 132,990\\ 130,196\\ 116,316\\ 108,385\\ 106,109\\ 102,559\end{array}$	$\begin{array}{c} 161, 836\\ 32, 782\\ 24, 883\\ 17, 037\\ 12, 463\\ 9, 967\\ 11, 052\\ 10, 486\\ 7, 689\\ 12, 537\\ 7, 744\\ 8, 767\\ 8, 745\\ 5, 042\\ 6, 927\\ \end{array}$	$\begin{array}{c} 79,501\\ 21,467\\ 16,029\\ 11,381\\ 13,339\\ 7,490\\ 7,188\\ 7,434\\ 9,773\\ 3,551\\ 5,885\\ 5,817\\ 5,885\\ 5,817\\ 3,427\\ 5,666\\ 3,459\\ \end{array}$	$\begin{array}{c} 241,337\\ 54,249\\ 40,912\\ 28,418\\ 25,802\\ 17,457\\ 18,240\\ 17,920\\ 17,462\\ 16,068\\ 13,629\\ 14,584\\ 12,172\\ 10,772\\ 10,778\\ 9,386 \end{array}$	$\begin{array}{r} + 873 \\ +5,448 \\ +2,443 \\ + 246 \\ -1,362 \\ + 656 \\ - 629 \\ - 659 \\ +3,569 \\ + 3,569 \\ + 846 \\ - 665 \\ - 847 \end{array}$		
		1			1		

a 1890.

b 1893.

#### **TABLE XIII.**—Educational statistics of cities of France having more than 100,000 inhabitants.

		Boys.		Girls.			
City.	Schools.	Teachers (men).	Pupils.	Schools.	Teachers (women).	Pupils.	
Paris	13	544	4,917	8	229	2,371	
Lvon	3	16	633	3	14	499	
Marseille	2	10	317	2	10	. 286	
Bordeaux	1	8	224	· 1	8	249	
Lille	1	11	315	1	11	308	
Toulouse	1	8	326				
St. Étienne	1	` 8	157	1	10	195	
Roubaix	1	12	333	1	11	139	
Nantes	• 1	19	163				
Havre	1	8	189	1	8	190	
Rouen	1	7	245	1	8	211	
Rheims	1	21	230	. 1	7	160	
Total	27	672	8,049	20	316	4,608	

## HIGHER PRIMARY SCHOOLS, 1896-97.

## HIGHER PRIMARY SCHOOLS, 1901-2.

	1	Boys.		Girls.			
City.	Schools.	Teachers.	Pupils.	Schools.	Teachers.	Pupils.	
Paris	13	516	6,161	8	218	2,56	
Lyon	2	13	491	2	15	46	
Marseille	3	13	714	3	14	60	
Bordeaux	1	9	259	1	7	32	
Lille	1	13	357	1	11	31	
Foulouse	1	8	292				
St. Étienne	1	10	174	1	13	22	
Roubaix	1	13	267	1	12	1.1	
Nantes	- 1	19	231				
favre	1	8	261	1	7	24	
Rouen	1	10	310	1	5	16	
Rheims	1	25	-284	1	7	16	
Nancy	1	22	353	1	11	10	
Foulón	1	15	631	1	5	32	
Total	29	694	10,785	22	325	5,69	

 TABLE XIV.—Expenditures for public primary education in cities having more than

 100,000 inhabitants. a

City.	Total exp	penditure.	Amount contributed in 1902 by—		
	1897.	1902.	State.	City.	
First order.					
Paris	\$5,721,630	\$6, 487, 549	b \$569,067	85, 918, 482	
Second order. c					
Marseille	451, 792	556,686	115,695	440,990	
Lyon. Bordeaux	448,000 210,588	491,356 241,589	120,305 87,927	371,051 . 153,662	
Lille.	197, 820	260, 081	56, 892	203, 188	
Total	1,308,200	1,549,712	380, 819	1,168,821	

a The expenditures for building purposes are not as a rule included. b Subvention equal to the product of 4 centimes additional to the four general taxes; that is, to one-half the school tax levied by the State. c Cities of the second order receive from the State simply a sum equal to the amount of their State school tax.

City.	Total exp	penditure.	Amount contributed in 1902 by—		
	1897.	1902.	State.	City.	
Third order.a			-		
Toulouse	\$123,870	\$127,476	\$73,836	\$53,640	
St. Etienne		161,084	65,284	95,800	
Roubaix	158,856	163,847	65,065	98,782	
Nantes	65,176	75,880	35,880	40,000	
Havre		173,008	83,393	89,615	
Rouen.	115,031	$111,112 \\ 107,934$	50, 581	60, 531	
Rheims.	93, 428		44,433	63, 501	
Nice		$94,478 \\ 103,316$	47,940	46,538	
Nancy Toulon		86,063	45,748 44,480	57,568	
1.001011		00,003	44,480	41,579	
Total	904, 764	1, 204, 198	556, 440	647, 554	

TABLE XIV.—Expenditures for public primary education in cities having more than 100,000 inhabitants—Continued.

a Cities of the third order receive from the State the full amount of the salaries of teachers in their public schools.

## SECONDARY EDUCATION.

Lycées and colleges for boys.—The department of secondary education in the French system of public instruction comprises the State lycées and the communal colleges. The lycées for boys, which number 111, are classical colleges of a high order maintained by the State, and intended to prepare the élite youth of the nation, by a well-defined course of liberal education, for entrance upon the specialized university training which leads to professional and official careers. The State appropriates annually a sufficient sum to cover the estimated expenditure for the lycées, and receives through an agent appointed for that purpose the income of the respective lycées derived from board and tuition fees. The departments and municipalities also make appropriations for special expenditures for the lycées.

In 1902 about one-third the pupils attending the lycées (19,666 out of a total of 56,869) were boarding pupils. The total expenditure for the lycées for the year named was 40,733,110 francs (\$8,146,622), of which 25,437,457 francs (\$5,087,491) were for salaries, school equipment, etc., and the remaining 15,295,653 francs (\$3,059,130) for the boarding departments. The State and the municipalities promote attendance upon the lycées by scholarship funds, which cover either tuition fees for day pupils, or tuition and board in full or in part. Including these funds, the income of the lycées in 1902 from the various contributing sources was as follows:

	Francs.	Equiva- lent in U.S. currency.
State	15, 662, 285	\$3, 132, 457
Departments and municipalities.	1, 336, 476	267, 295
From parents for tuition and board, etc.	17, 618, 184	3, 523, 636
Other sources.	5, 975, 088	1, 195, 017
Total.	40, 592, 033	8, 118, 405

The communal colleges for boys are secondary schools established by the communes (cities and towns) in which they are situated and receiving from the State an annual appropriation to aid in the running expenses. They have, so far as they go, the same programmes as the lycées, but seldom maintain the full complement of classes, as students who intend to work up to the bachelor's degree, the goal of secondary education, generally find it for their interest to finish their studies in some one of the lycées. The 204 colleges of this class enrolled 34,218 pupils in 1902, of which number 12,377 were boarders; as regards their scholastic classification, 9,358 pupils were in the preparatory divisions. 22,569 in the regular secondary division, and 2,291 in special commercial and agricultural courses.

Class of institutions.	1887.a	1892.5	1893.b	1897.b	1901.c	1903.d
State schools: Lycées Colleges	53, 816 36, 086	52,945 32,508	53,974 32,709	52,427 32,412	54, 830 33, 372	58, 593 35, 612
Total	89,902	85, 453	86,692	84, 839	88,202	94, 205
Schools of religious associations: Classical. Petits séminaires (preparatory to theological schools	50,085	51, 087 23, 948	51, 377 23, 849	62, 188 22, 381	67, 872 22, 328	60,751 22,497
Total Private secular schools	50,085 20,174	$75,035 \\ 16,306$	75,226 14,028	84, 569 12, 813	90,200	83,248
Total non-State	70,259	91, 341	89,254	97,382		
Grand total	160, 161	176, 794	175,937	182,221		

TABLE XV.—Enrollment in secondary schools for boys.

a From Statistique de l'enseignement secondaire des garçons, 1887, pp. lvi, lxxviii, xcviii.
b Rapports faits au nom de la commission du budget, etc.—Service de l'instruction publique, par M. Bouge, 1887, pp. 124, 125; also 1898, pp. 32, 33.
c The same, by M. Maurice-Faure, 1902, pp. 443, 445.
d Annuaire Statistique, 1903.

The new programmes.—The most important recent event in the history of secondary education in France is the reorganization of the course of study for the lycées (classical colleges). The radical change effected after discussions and efforts extending over a decade is the creation of two divisions without Greek, viz, a Latin-scientific division and a division of Latin and modern languages, to which the same value is given as to the Latin-Greek division. (See full programme in Commissioner's Report for 1903. Vol. I, Chap. XIII, pp. 619-621.)

Since the new programmes have only been in operation a year, it is impossible to form any judgment as to their permanent effects. But certain immediate consequences that have already excited criticism well deserve attention.

In his report to the Chamber of Deputies, M. Simyan, reporter of the committee on appropriations for the service of public instruction, says with reference to the change above specified:

The fact can not be overlooked that the study of Greek is being rapidly abandoned, and in certain of the departmental lycées it threatens to disappear entirely. majority of families choose for their children instead of the Latin-Greek division either the Latin-scientific or that of Latin and modern languages, which are sufficient to secure admission to a great number of careers. As a consequence, a large majority of the students who under the former system would have pursued the ancient classics now devote a fourth of the time in the first cycle (first four years of the course) and half of the time in the second cycle (last three years), which formerly was given to the study of letters, to other matters whose educational value is certainly much less. In particular, the living languages taught after the modern method are of much less value as an intellectual discipline. This result was foreseen. It was, however, hoped that certain

practical advantages would be secured which might compensate for such a sacrifice. It was hardly anticipated, however, that if the Greek language was dropped the study of Greek literature would be abandoned. \* \* \* Does anyone believe that it is possible to cultivate the minds of young people if they are to be left in ignorance of the poets and the thinkers who have civilized the world, taught men wisdom and beauty, and inspired the imagination of all people? Is it possible to comprehend the origin and the development of Latin and French literature without at least some knowledge of Greek antiquity? The old modern course of the lycée recognized the

ED 1905-vol 1----9

importance of imparting some knowledge of Greek literature to the pupils by means of translations. It is to be hoped that the new classical course without Greek will not be less favored and that the minister of public instruction will take measures to overcome this defect.

Another change introduced by the new programmes, which is criticised by M. Simyan, is the reduction of class exercises to one hour instead of two, as under the former plan.

The official decree sanctioning this change left its adoption to the judgment of the academic rector, formed in consultation with the professors of the respective lycées. But in practice the change has been everywhere adopted irrespective of the opinion of the professors.

The reflections of M. Simyan on this point are here quoted, because they afford a very interesting view of the customary conduct of the class exercises in the schools considered:

If one hour is sufficient [says M. Simyan] for certain subjects, as, for example, the living languages and, perhaps, history, for others it is a very bad arrangement, in particular for the higher classes in mathematics and letters (ancient languages). How can a professor of mathematics find the time in a single hour to question every member of the class and to make the necessary explanations? In the classes of letters the difficulty is still greater. When the lesson assigned has been recited or the text of an exercise dictated, there will not remain at the most more than three-fourths of an hour for the correction of a Latin translation or for an exercise in Latin composition or a French composition on a classical subject. Is it possible in this time to explain and comment on a translation, to dwell on difficult points, to examine and correct above 30 exercises, and then to consider the characteristics of the author studied? Impossible in this brief time to correct the Latin compositions showing each pupil his particular errors or to read above 30 compositions in French or to indulge in those literary and moral reflections which constitute the special value of classical instruction.

The difficulty would be less if the classes were not so large, and fewer pupils would be neglected, but in the larger lycées of Paris there are 40 or more pupils in every class. Is it possible for a professor in a single hour to attend to such a number?

It is very evident that the superior council of public instruction, which favored this arrangement, yielded to the opinions of the representatives of the universities without giving sufficient weight to the advice of the professors of the secondary schools, who were better judges in this case. The university professors held that if their students could not listen with attention more than an hour to a lecture the younger students in the lycées were not capable of a longer effort.

But it is an error to compare a lecture which a student must follow closely, taking notes as the professor speaks, with a class exercise which is extremely varied in its character. In the latter, professors and pupils take part one after the other, discussions arise, and the attention of the young students is sustained by this very diversity. If it is held that for hygienic reasons the two-hour period is too long, it is perfectly easy to interrupt it for a few moments' recreation without really shortening the time of the class exercise.

In this same report M. Simyan calls attention to the importance of improving the financial status of the professors of secondary education. In particular, inspired by the success that has thus far attended the efforts of those who have sought to improve the condition of primary teachers, he urges that the policy of fixing a rigid limit to the proportion of professors in each of the six classes shall be abandoned, as the similar policy has been in the case of primary school teachers. As the report of M. Simyan is submitted directly to the legislature, it is highly probable that the reform in this respect will eventually be carried through the department of secondary education. The classes into which the professors of secondary education are divided and their salaries, are at present as follows:

## EDUCATION IN FRANCE.

Class. Principals.	Princi-	Full professors (titulaires).		Profess-	Concours	Supervisors.		Répéti- teurs	
	pals.	First order.	Second order.	Third order.	ors of drawing.	Censeurs.	First order.	Second order.	(tu- tors).
First Second Third. Fourth. Fifth. Sixth.		\$740 680 620 580 540 500		$\$540 \\ 480 \\ 440 \\ 400 \\ 360 \\ 320$	\$400 360 340 320 300 280		\$\$40 780 720 660 600 560	\$680 640 600 560 520 480	\$340 300 260 220 180 140

Salaries of professors and instructors in the communal colleges.<sup>a</sup>

<sup>a</sup>Colleges supported in part by the State and in part by local funds.

NOTE .- Frances changed into dollars by dividing by five.

Répétiteurs Professors of (futors). Préparaspecial Pro-Assistteurs (tu-Teach-Pro-Full branches tors who fessors ant Proprofess having ers in fessors Location and fessors in eleteachassist pu the de elemen OTS of of gymclass. meners of vils in the (titugree of drawtarv First Second prepara tary drawnasties. laires). licentiate ing. classes. class. class. classes ing. tion of or equivlessons) alent diploma. Seine and Versailles: First. \$1.500 \$1,200 \$960 \$840 \$800 \$480 \$800 \$740 \$600 Second..... 760 780 720  $\frac{760}{720}$ 520 500 1,400 1,140 000 440 Third..... Fourth..... 1,300 800 1 080 400 680 1,020 680 460 1,200 720 660 360 Fifth..... 1,100 960 660 600 640 340 640 540 420 Sixth. 1,000 900 600 540 600 600 500 The departments: 1,040 960  $\frac{740}{720}$ 620 580 520 \$440 360 660 740 600 First Second..... 680 520 880 480 320 960 400 Third..... 880 800 660 540 460 300 580 620 500 380 580 Fourth ..... 500 360 540 800 720 600 440 280 460 Fifth ..... 720640 520 460 420 340 260 520 540 Sixth..... 640 560 500 400 320 240 500 500 280

Salaries of professors and instructors in lucées for boys.<sup>a</sup>

<sup>a</sup>State classical colleges.

NOTE .- Frances have been changed to the equivalents in dollars by dividing by five.

Public secondary schools for girls.—The State lycées and the communal colleges for girls are maintained in the same way as the corresponding institutions for boys. They are not classical schools, but offer courses of instruction adapted to the demands of the society for which the young women of the higher classes of France are fitted. Special attention is given to instruction in modern languages and to art studies. The lycées for girls number 41, attended in 1902 by 10,621 students, of whom 2,299 were boarders.

The total expenditure for the lycées for girls amounted in 1902 to 3,254,669 francs (\$650,933), of which the State furnished 2,048,018 francs (\$409,603).

The communal or municipal colleges for girls enrolled 5,122 students, of whom 1,281 were boarders. There were also 5,445 pupils in the so-called secondary classes for girls, which are conducted by authorized professors or teachers and receive financial aid from public funds. The distribution of the pupils reported in secondary institutions for girls in 1903 was, in lycées, 11,874; in local colleges, 5,669; in secondary classes. 6,619.

The establishment of the lycées for girls dates from a law of 1880 (the Camille Sée law). The success of this measure in overcoming the prejudices of parents against secular institutions for girls is indicated by the ever increasing enrollment in the public lycées and colleges, as shown in the following table;

Lycées. Colleges. Year. Academic Primary Academic Primary Total. departdepart Total. departdepart-Total. ment. ment. ment. ment. 1881 71 220 300 315 1882 206 521 429 567 1,5172,937 3,746 4,377 996 1883. 817 464 1,281 787 869 1.6561,2811,6982,2432,7613,2481884. 1,080618 1,060 988 2,048 1885.. 1,1221,2181,4461,5962,0482,1342,2062,5981,421 522 1,012  $1,713 \\ 1,953$ 1886. 1.048 9584,967 1,295 1887 1,152 5,846 1888 2,191 1,481 3,672 1,3661,4161,4842,9622,9876,634 2,2942,3266,8517,043 7,645 1889 1,570 3,864 1,571 1890. 1,120 3,955 1,604 3,088 2,8202,8313,2141891..... 2,6822,8762,7233,1172,1322,411 $4,963 \\ 5,625$ 1,410 1,2727,045 8,501 9,249 9,840 10,413 10,645 10,6451892.....  $1,460 \\ 1,365$ 1,416 1893..... 3,704 2,822 6,526  $1,358 \\ 1,515$ 1894..... 2,899 3,108 3,924 6,8237,163 1,602 1895.... 4,055 3,250 1,7021,5481896. 7,5637,7928,0014,266 3,297 1,653 1,429 3,082 1897 3,4403,6231,6481,4033,051 10,843 1898..... 4,378 3,401 3,563 11,40211,9941.882,519 1899 4,675 3,756 8,431 1,930 1,63314, 162 15, 743 17, 543 1901 . . . 9,806 4,356 4,755 10,62111,874 $2,804 \\ 3,104$  $2,318 \\ 2,565$ 1902 5,866 5,122 1903..... 6,446 5,428 5,6691904..... 7.1006,142 13.2424,1253,2817, 406 20,648

TABLE XVI. - Enrollment in lycées and colleges for young women from 1881 to 1904.

## UNIVERSITIES AND SPECIAL SCHOOLS.

The development of the universities of France under the conditions of organized and independent life brought about by recent measures (decrees of 1885 and law of 1896) has been described in detail in successive reports of this series.<sup>a</sup> No general report of the universities has been published since 1902, but the report presented to the Chamber of Deputies by the chairman of the committee on appropriations asked for the current year shows that there has been no diminution of effort in this department.

In particular is noted in this report the increase of resources and equipments for scientific research and experimentation. In the session of 1903 the legislature created a fund for these purposes to be maintained by an annual appropriation of 150,000 frances (\$30,000). The University of Paris has decided upon plans for a new laboratory of applied chemistry and a laboratory of physics. The University of Lyon, which is second only to that of Paris and holds the first place in respect to applied science, has recently extended its facilities for instruction and research in botany, zoology, and agricultural geology. The remaining universities report also continued activity in respect to the specialties for which they are severally noted.

The report of the financial committee calls attention, on the other hand, to the meager equipment of the faculties of medicine in respect to instruments and apparatus required by recent discoveries and consequent changes in the methods of diagnosing and treating disease. Complaint is made that as a consequence of this deficiency medical students acquire a theoretical acquaintance with methods with which they should become practically familiar, and, once graduated, pursue their profession after the outworn methods of fifty years ago.

Attention is also called to the importance of giving increased recognition to courses of instruction recently organized in the faculties of law to meet the demands of commercial and industrial interests and of the ever-increasing international and colonial relations.

a See in particular Reports ≏f Commissioner of Education, 1891-92, vol. 1, pp. 76-96; 1894-95, vol. 1, pp. 292-294 and 305-312; 1895-96, vol. 1, pp. 620-639; 1896-97, vol. 1, pp. 33-38; 1900-1901, vol. 1, pp. 1110-1118; 1902, vol. 1, pp. 608-710.

The Paris faculty of law has submitted a proposal for a special course of two years, leading to a bachelor's degree of "economic sciences," and open to persons who have not previously obtained the regular bachelor's degree.

The higher normal school (école normale supérieure) is an institution of university rank intended to prepare young men for the highest careers in the teaching profession. After an independent existence for more than a century the school was merged in the Sorbonne (University of Paris) by a decree of November 10, 1903, to take effect May 10, 1904

The following tables show the enrollment in the universities and professional schools of university rank for the years specified:

	Faculties	s, 1887–88.	Universiti	es, 1897–98.	1900.	1905.
Designation of university.	Number of students.a	Income. a	Number of students. b	Income. b	Number of students.c	Number of students.d
Paris. Aix Marseille Besançon Bordeaux Caen Chambéry Clermont. Dijon Grenoble Lille Lyon Montpellier Nancy	96	$\begin{array}{c} \$ 685, 284\\ 94, 261\\ 43, 797\\ 142, 064\\ 101, 556\\ 2, 600\\ 45, 492\\ 69, 897\\ 65, 431\\ 138, 357\\ 175, 640\\ 156, 110\\ 158, 255\\ \end{array}$	12, 131 849 197 2, 144 772 257 604 476 1, 426 2, 335 1, 496 1, 001	$\begin{array}{c} \$1,005,538\\ 129,983\\ 54,026\\ 219,656\\ 130,687\\ 2,620\\ 53,027\\ 91,002\\ 86,192\\ 195,057\\ 250,940\\ 188,960\\ 197,377\end{array}$	$12, 192 \\ 772 \\ 237 \\ 2, 124 \\ 609 \\ \\ 279 \\ 649 \\ 558 \\ 1, 141 \\ 2, 465 \\ 1, 531 \\ 1, 064 \\ \\ 1, 064$	$13, 431 \\ 1, 152 \\ 321 \\ 2, 433 \\ 748 \\$
Politiers Rennes Toulouse Schools of medicine not in- cluded in the universities. Algiers	101 391 659 1,303	82, 310 114, 345 120, 618 98, 623	1,004 944 1,503 1,885	111,710 161,992 181,450 112,329	$1,001 \\ 752 \\ 1,135 \\ 2,002 \\ 1,005 \\ 862$	1, 334 888 1, 257 2, 358 996 1, 033
Total	17,605	2, 294, 640	28,782	3, 172, 546	29, 377	33,620

TABLE XVII.—Distribution of students in State universities.

<sup>a</sup> Statistique de l'enseignement, 1878-88, pp. 133-418.
<sup>b</sup> Statistique de l'enseignement, 1900, pp. 10-180.
<sup>c</sup> Rapport portant fixation du Budget Général, Ministère de l'Instruction Publique, 1901 (Perreau), *d* The same (by M. Massé) for 1906, pp. 477-482.

**TABLE** XVIII.—Distribution of university students in the different faculties.

	Number of university students.				
Faculty.	State uni- versities (January 15, 1900).	Independ- ent uni- versities (January 15, 1900).	State uni- versities (January 15, 1905).		
Law Medicine Sciences Letters Pharmacy Protestant theology	$9,709 \\ 8,781 \\ 3,857 \\ 3,476 \\ 3,395 \\ 159$	$1,109 \\ 151 \\ 185 \\ 168 \\ 16$	$12,528 \\ 8,504 \\ 5,192 \\ 4,519 \\ 3,814 \\ 101$		
Total	29,377	1,629	a 34, 658		

a The difference between the totals for 1905 in the above tables is probably due to the registration of some students in more than one faculty. The total includes 1,922 women, distributed as follows: Law, 57; medicine, 689; sciences, 259; letters, 838; pharmacy, 79. The total includes also 2,360 foreigners.

The following special schools of university rank are also under the minister of public instruction:

Collège de France (appropriation, 1905, \$109,300); Museum of Natural History (appropriation, \$201,800); Practical School of High Studies [École Pratique des Hautes Etudes (State appropriation, \$60,600; city, \$7,200)]; Superior Normal School [(110 students; appropriation, \$53,400), reunited to the University of Paris by a ministerial decree to take effect November 1, 1904]; School of Charts [(École Nationale des Chartes (69 students; appropriation, \$14,990)]; School of Oriental Languages (415 students; appropriation, \$33,600); French School of Archæology at Rome (appropriation, \$18,100); French School at Athens (appropriation, \$22,000); École Nationale des Beaux Arts (2,000 students; appropriation, \$84,052). The remaining special schools, such as the Conservatoire des Arts et Métiers, École Nationalé Supérieure des Mines, etc., are under the charge of other ministers. (See Table XIII.)

## State appropriation, 1903, for schools of art pertaining to the ministry of public instruction, section of fine arts.

National and special school of fine arts, Paris	\$84,502
National school of decorative arts, Paris	
Special school of architecture and normal school of drawing	
National schools of fine arts, of decorative and industrial art	63, 700
Department of municipal schools of drawing, of decorative and industrial art	66, 090
National conservatory of music and declamation	51, 980
Department schools auxiliary to the conservatory and national schools of	
music	37, 89 <b>9</b>

## PUBLIC SCHOOLS AND HIGHER INSTITUTIONS OUTSIDE THE ORGANIZED SYSTEM OF PUBLIC INSTRUCTION.

The province of the minister of public instruction does not include all the schools and higher institutions under Government control and supported partially, at least, by public funds. The minister of the interior has control of the schools for deaf mutes and the blind; the minister of war has charge of a select system of schools, primary and secondary, for the instruction of soldiers and under officers, and of the higher technical schools pertaining to the arts of war. To the province of the minister of the navy pertains a similar series intended for the benefit of the naval service. The minister for colonial affairs controls a school of high grade intended to prepare young men for service in the colonies, and several special schools of mines, bridges, telegraphy, etc. Finally, to the minister of agriculture, and the minister of commerce and industry pertain, respectively, the schools of agriculture and the commercial and industrial schools.

The higher technical institutions not included in the general system of public instruction are as follows:

Institution.	Number of students.	State ap- propria- tion, 1903.
École Centrale des Arts et Manufactures. Conservatoire National des Arts et Métiers, Paris. Ecole des Hautes Etudes Commerciales. Institut National Agronomique, Paris. Ecole Vétérinaire, Alfort. Ecole Nationale d'Agriculture, Grignon. Ecole Nationale d'Agriculture, Rontpellier Ecole National d'Agriculture, Rontpellier	$     \begin{array}{r}       100 \\       320 \\       240 \\       294 \\       120 \\       200     \end{array} $	\$142,251 213,717 66,360 88,000
École Polytechnique, Paris. École Supérieure de Guerre. École Spéciale Militaire, St. Cyr (ministry of war).	472	
École Navale, Brest. École Nationale Supérieure des Mines, Paris. École Nationale des Ponts et Chaussées, Paris. École Coloniale. École Coloniale École Nationale des Eaux et Forêts, Nancy.	$100 \\ 161 \\ 118 \\ 46$	33,400 71,130

 
 TABLE XIX.—Higher technical schools under other ministries than that of public instruction (ministry of agriculture, of commerce, of war, etc.).
 The appropriation made by the legislature in 1905 for the service of agriculture included nearly 1,000,000 (992,500)<sup>a</sup> for educational uses, and the appropriation for commerce and industry included for the same purpose 1,168,018.<sup>b</sup> The rapid increase in the provision for these special forms of education, in which stress is placed upon the sciences and their industrial application, has resulted in the duplication of courses of study already provided for in the schools for general education, with a consequent waste of resources and friction between the different ministries. The condition is illustrated by the schools of commerce and industry which have been differentiated from the higher primary schools and passed over to the control of the minister of commerce and industry. These schools, which numbered 50 in 1904, with an enrollment of 7,498 boys and 2,403 girls, still retain the main features of the programmes of the higher primary schools, but give more time to industrial or business training, as will be seen by examining the time tables here inserted.

Time tables of higher primary	and industrial schools.
-------------------------------	-------------------------

Subject.		Écoles primaires su- périeures. (Section industrielle.)			Écoles pratiques d'industrie.		
	First year.	Second year.	Third year.	First year.	Second year.	Third year.	
Workshops or manual work Arithmetic, algebra, geometry, mechanics, etc Writing and drawing of various kinds. Natural science and history Literary:		6 3 5 <sup>1</sup> 2 3		$30 \\ -3 \\ 6 \\ 1\frac{1}{2}$	$30 \\ 3 \\ 6 \\ 4^{1}_{2}$	$33 \\ 4\frac{1}{2} \\ 6 \\ 3$	
Reading, grammar, composition, geography, history, languages Other subjects:		5	5	6	6	11	
Bookkeeping, technology, singing, gymnastics		71/2	72	401	401	3	
Total		30	30	461	491	5	

## [Number of hours a week.]

Efforts have been made from time to time to coordinate the work of the distinct systems, i. e., the system of general and the systems of industrial education, and a proposition has at last been submitted to the Chamber of Deputies for the creation of a minister and council of national education, with a view to concentrating all the educational functions of the Government under one direction. <sup>c</sup>

## NATIONAL TECHNICAL SCHOOLS (ÉCOLES NATIONALES PROFESSION-NELLES).

Special interest attaches to the écoles nationales professionnelles, four in number, which were formerly under the joint control of the minister of public instruction and the minister of commerce, but which were assigned solely to the latter by the financial law of April 13, 1900.

These schools are the outcome of a special effort on the part of the State to organize in central places a complete course of education suited to the industrial classes. The exhibits of the schools named at Paris in 1900 and again at St. Louis in 1904<sup>d</sup> excited general interest, and have occasioned so much inquiry that the moment is opportune for repeating here certain particulars concerning the institutions, which have been extensively described in former reports.

b Idem, ministère d& commerce, de l'industrie, etc., par M. Berry, pp. 169-171.

a Rapport portant fixation du budget, 1906, ministère de l'agriculture, par M. Hubert, pp. 53-57.

c Report of M. Massé to the Chamber of Deputies, on the budget of 1906, p. 77.

<sup>&</sup>lt;sup>d</sup> The exhibits of manual training from the écoles nationales protessionnelles and from the écoles nationales d'arts et métiers (the latter representing a higher grade of technical schools), which were in the French section of the Educational building at the St. Louis Exposition, have come into the possession of the Bureau of Education and are now installed in Washington.

The scope and purpose of the schools here considered are thus defined by M. F. Buisson, who held the important post of director of primary instruction in the ministry of public instruction from 1879 to 1899, during which period these schools were organized in their present form.

Vierzon, Voiron, and Armentières are not, in any sense, special technical schools, more or less complete schools of engineering (écoles d'arts et métiers); they are associations of schools comprising an infant and a primary school (including both the elementary and higher grade school), and at each stage technical instruction which, commencing from the earliest age, when it is of little importance, continues up to the very end of the course, when it becomes of the first moment. When he has arrived at this final stage, the apprentice, who now only needs the practice of his trade to become a workman, leaves the national school and goes either into a workshop or into a technical school, in the proper sense of the term. Hence these three (now increased to four) establishments provide a general preparation for artisan and industrial life. They lead a youth right up to the threshold of the factory or the engineering school, armed with every kind of general and special knowledge, with the aptitudes and habits of work which will enable him either to select a particular calling, or, if needs be, pass from one calling to the other, sure of being, after a few months of practice, a finished workman.

From the above statement it will be seen that these institutions are groups of schools, each section—i. e., infant schools, elementary primary, and higher primary, being housed in a separate building, all however situated in the same campus and under a single director. As the schools provide for both day and boarding pupils, the group of buildings includes, besides the school buildings proper and the shops, the dormitories for pupils, an infirmary, the director's house, etc.

The administrative and educational affairs of these institutions are kept distinct from each other. The administrative staff of each group of schools consists of a director, treasurer, general supervisor, and an assistant supervisor who has special oversight of the pupils in the workshops.

The teaching staff consists of (1) professors and assistant instructors in the literary and scientific branches; (2) directors of the workshops, assisted by practical foremen for the technical instruction of pupils in the work pertaining to those industries in which they intend eventually to serve their apprenticeship; (3) additional teachers for accessory branches.

The programmes for the infant school (ages 2 to 6 complete) and for the elementary primary school are substantially the same as for the corresponding schools pertaining to the general system of education, with more stress upon manual training and systematic progression in the manual work from the early stage of the elementary primary school to the completion of the higher primary school.

The institutions accommodate each about 450 pupils (boys only), viz, 100 in the infant school, 100 in the elementary primary school, and 250 in the higher grade school. Of the latter about 200 are boarders. In the higher school the annual fee is 500 francs (\$100), which covers the cost of board, tuition being entirely free. There is an additional charge of 25 francs (\$5) for books, material used in the shops, etc. Parents are also expected to provide their children on entering the school with a general outfit at an expense of about 200 francs (\$40) for the first year and 50 francs (\$10) each subsequent year.

As the programme of the higher grade school is what gives distinctive character to the education imparted in these institutions, the view of the schools may be completed by an examination of this programme and the requirements for admission to this division. In order to enter the higher school a boy must have completed the course of study in the elementary primary school and must have passed the examination for the certificate of primary studies. A large proportion of the pupils entering this division have the benefit of Government scholarships, which are secured by competitive examination open to candidates from 12 to 15 years of age. This examination comprises (1)

composition on a subject relating to history, geography, or moral and civic education; (2) treatment of a subject connected with elementary, natural, and physical science; (3) a sum in arithmetic. Two hours are allowed for each of these subjects. The candidates who qualify in them have, after an interval, to pass an oral and practical examination which extends over three days. The oral part consists in (1) reading a page of a French author, with questions on spelling and grammar; (2) elementary questions on history, geography, and the duties of a citizen; (3) elementary questions on natural and physical science, up to the standard of the higher course of an elementary school. The practical examination consists in geometrical drawing, a test in manual work, and a gymnastic exercise.

The scope of the examination may be taken to indicate the stage of advancement for pupils entering upon the work of the higher school.

The course of study for this division is arranged for three years; the programme for the first year is the same for all schools of this class, but in the second year specialization begins, the work thenceforth bearing immediate relation to the special trades of the respective districts in which the schools are situated. At Vierzon, it is related to ironwork and painting on pottery; at Voiron, to working in paper, linen, and silk.

The following is the weekly time table for the school at Voiron, not including the time required for preparation out of class hours:

	First year.	Second year.	Third year.		
Workshops or manual work. Arithmetic, algebra, geometry, mechanics, etc. Writing and drawing of various kinds. Natural science and history. Literary:	$\begin{array}{c}14\\5\\6\\4\end{array}$	$\begin{array}{c}17\frac{1}{2}\\6\\6\\4\end{array}$	$a.\overset{24^1_2}{\overset{4}{}_6}_{4}$	b. 17 10 10 <sup>1</sup> / <sub>2</sub>	
Reading, grammar, composition, geography, history, languages. Other subjects:	9	8	6 <u>1</u>	7	
Bookkeeping, technology, singing, gymnastics	2	$2^{1}_{2}$	2	21/2	
Hours per week	40	44	47	44	

The programme for Vierzon is practically the same as regards the distribution of time, but Voiron has a special section for teaching agriculture, with a building and garden of its own. This section was undertaken as an experiment about eight years ago, but so far it has been found difficult to manage it as part of a school which is mainly directed toward the mechanic arts.

The accommodation of the workshops is very complete. The carpenters' shop at Voiron measures 24 meters square and contains 50 benches. The boys of the third year work at carpentering about twenty-five hours a week, at the rate of about four hours a day. The forge room is about 12 meters square and has 9 forges. The fitting room is 25 meters square and contains 104 vises. The greater part of the machines have been constructed by the boys. At the opening of the school there were only 2 machines and 30 vises in the room. The weaving room measures 24 meters square and contains 5 power and 12 hand looms. A small room, hitherto used for drawing, is shortly to be fitted up for electrical apparatus. There is a special course of electricity, and some electrical apparatus is also constructed. Steam power is provided in all the workshops, and the building is lit throughout by electricity.

A court, in which the boys do gymnastics, measures 20 by 11 meters. It is used by sections of 40 boys at a time. During the first year there is marching exercise on two days, and during the second and third year on one day in the week.

Vierzon possesses three workshops, viz, a carpenter shop with 48 benches, a forge shop with 12 forges, and a fitting shop with 90 vises, 9 turning lathes, etc.

The report of the four écoles nationales professionnelles for 1902 gives the following particulars:

Location.	Profes- sors.	Stu- dents.	Diplomas awarded.		Expen	ditures.	State appropria- tions.		
			Higher.	Lower.	French currency.	U.S. currency	French currency	U.S. currency.	
Armentières. Nantes. Vierzon Voiron. Total.	25 37 22 36 120	301 282 318 264 1,165	8 17 8 33	5 24 29	Francs. 228, 437 133, 896 232, 675 211, 608 806, 616	\$45,687 26,779 46,535 42,321 161,322	Francs. 78, 390 119, 853 107, 077 94, 250 399, 570	\$15, 678 23, 970 21, 415 18, 850 79, 913	

# CHAPTER V.

## THE TEACHING OF AGRICULTURE IN THE SCHOOLS OF FRANCE AND BELGIUM.

Primary agricultural instruction for the children of farmers in France, although proposed and discussed from time to time since the latter part of the eighteenth century, was not actually put upon the programmes of the schools until 1850, and even then only as an elective. In consequence of several bad harvests a thorough inquiry to determine the best way of ameliorating the condition of agriculture was begun in 1866 and lasted until 1870. This inquiry included the question of agricultural instruction in primary schools, and involved a reorganization of that grade of instruction, in order to include agriculture in its programme. After the Franco-Prussian war of 1870 the country realized that one of the principal means of repairing its disasters was to be found in the education of the masses, especially from a practical and industrial point of view, and as part of the new development of instruction schools of horticulture and agriculture were established in 1873, and in 1876 the Institut National Agronomique was reopened at Paris. These institutions represented secondary and superior instruction in agriculture, while besides them, in 1879, the elementary principles of agriculture were included among the obligatory studies of primary instruction. This arrangement was confirmed by the law of March 28, 1882, which organized agricultural instruction both in the primary, the normal, and the superior schools of the country, the fruit of this wise measure of a quarter of a century ago being shown, says M. Tisserand, in the improved methods of agriculture and the entrance of the scientific spirit even into the management of small farms.

#### THE SPIRIT OF THIS INSTRUCTION.

Instruction in agriculture in elementary schools, said M. Prilleux at the Internanational Congress of Agriculture in 1889, should not resemble that in history or the catechism; it should be addressed to the intelligence and not to the memory of the children, who should be trained to observe carefully and systematically things around them-rocks, plants, animals, machines, and implements. The teachers were not at that time prepared to give this instruction, but still gave text-books to their pupils to memorize instead of pointing out the things themselves which are described in the books and making the incipient study objective. Continuing in this direction, inasmuch as modern agriculture is based upon science, elementary instruction in agriculture should include elementary experimental science, physical and chemical, with especial reference to agriculture, and accordingly those branches were included in the school programmes, sufficient chemistry, for example, being given to enable the pupil to understand the composition of soils and fertilizers and what elements are required for plant life. The course in normal schools was also modified to prepare teachers to supply the needs of the elementary schools properly in agricultural instruction. The pupil teachers were taught experimental sciences, natural history, horticulture, and

87

agriculture, and were also trained in the best methods of teaching those branches, while the schools were equipped with suitable laboratories and collections to carry out this instruction. The work in agriculture of the elementary schools is extended to schools for adults in the form of evening classes and secondary assemblies for lectures and object lessons.

The means of carrying out practical and experimental instruction in agriculture, aside from the usual laboratory scientific apparatus, consisted of actual garden and farm work and experiments indoors in growing plants under varying conditions of exposure to heat, light, and moisture, and with a view to discovering the effect of different gases, fertilizing substances, different soils, etc., upon them. M. Le Blanc gives many illustrations of the chemical and botanical experiments, the latter showing the effects of the various fertilizers by the greater or less development of the plants. To illustrate the foregoing general remarks we give the following programmes:

### I.--ELEMENTARY PRIMARY SCHOOLS.

## PHYSICAL AND NATURAL SCIENCES.

*Elementary course* (7 to 9 years of age)—Comprising object lessons graded according to a plan chosen by the teacher, but which once adopted must be regularly followed. Man, animals, vegetables, minerals; observation of ordinary objects, and phenomena, with simple explanations; elementary notions upon the transformation of things of daily use (food, tissues, paper, wood, stones, metals); small collections made by the pupils, especially during school promenades.

Middle course (9 to 11 years of age)—Including elementary notions of natural science. Man: Brief description of the human body and ideas of the principal functions of life. Animals: Grand divisions and classification of the vertebrates by the aid of one animal for each group taken as a type. Vegetables: Study of the principal organs of plants, taking a few chosen types; grand divisions of the vegetable kingdom; useful and injurious plants pointed out, especially during school promenades.

rious plants pointed out, especially during school promenades. The three states of matter, solid, liquid, and gaseous; air and water; combustion; experimental demonstrations on a small scale.

experimental demonstrations on a small scale. Superior course (11 to 13 years of age)—Being a review and extension of the middle course. Man: Digestion, the circulation, respiration, the nervous system, the organs of sense; practical course in hygiene; abuse of alcohol, tobacco, etc. Animals: Outlines of classification; useful and injurious animals. Vegetables: Essential parts of plants; principal groups; herborisations. Minerals: Summarized ideas upon soil, rocks, fossils, geological formations, examples taken from the neighborhood; excursions and collections. Elementary notions of physics: Weight, the lever, equilibrium of liquids, atmospheric pressure, the barometer; very elementary notions and simple experiments upon heat, light, electricity, magnetism (the thermometer, steam engine, lightning conductor, telegraph, compass). Elementary notions of chemistry: Simple and compound bodies; common metals and salts.

## AGRICULTURE AND HORTICULTURE.

Elementary course.—First lessons in the school garden.

Middle course.—Lectures, object lessons, and excursions, to show the principal kinds of soils and fertilizers, the common kinds of labor and tools (spade, mattock, plow, etc.). Superior course.—More methodical ideas of agricultural labor, farming tools, drainage, natural and artificial fertilizers; seed time and harvest; domestic animals; agricultural bookkeeping. Horticulture: Principal means of multiplying the most useful vegetables of the region. Arboriculture: Grafting.

# II.--SUPERIOR PRIMARY SCHOOLS.

The programmes for such of these schools as have a three-years' course (for pupils over 13 years of age) by decree of 1893 are as follows:

## Distribution of subjects of instruction (boys).<sup>a</sup>

[The figures indicate hours a week.]

Subjects.	Gen	eral sect	tion.		ustrial Commercial section.			Agricultural section.		
Subjects.	First year.	Second year.	Third year.	Second year.	Third year.	Second year.	Third year.	Second year.	Third year.	
Morals. French. Writing. History and civics. Geography. Modern languages. Mathematics. Bookkeeping and accounts. Physics and chemistry. Natural history and hygiene. Agricultural and horticultural. Law and political economy. Drawing and modeling.		$     \begin{array}{c}       1 \\       5 \\       1 \\       1 \\       3 \\       1 \\       2 \\       1 \\       1 \\       3 \\       2 \\       1 \\       1 \\       3 \\       3 \\       2 \\       1 \\       3 \\       3 \\       3 \\       1 \\       3 \\       3 \\       3 \\       1 \\       3 \\       3 \\       3 \\       1 \\       3 \\       3 \\       1 \\       3 \\       3 \\       1 \\       3 \\       3 \\       1 \\       3 \\       3 \\       1 \\       3 \\       3 \\       3 \\       1 \\       3 \\     $	$     \begin{array}{c}       1 \\       4 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       1 \\       2 \\       2 \\       1 \\       1 \\       2 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       1 \\       2 \\       1 \\       1 \\       1 \\       2 \\       1 \\       1 \\       1 \\       2 \\       1 \\     $	1 2 1 1 1 1 1 2 2 1 1 	$1 \\ 2 \\ 1 \\ 1 \\ 1 \\ 2 \\ 2 \\ 2 \\ 1 \\ 4 \\ 4 \\ 1 \\ 4 \\ 1 \\ 4 \\ 1 \\ 2 \\ 2 \\ 1 \\ 1 \\ 4 \\ 1 \\ 2 \\ 2 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$	1 2 1 2 4 2 3 2 1	1 2 1 2 4 2 3 2 1	1 2 1 1 2 1 2 2 3 	$     \begin{array}{c}       1 \\       2 \\       1 \\       1 \\       2 \\       2 \\       2 \\       3 \\       1 \\       1^{\frac{1}{2}}     \end{array} $	
Manual and agricultural labor Gymnastics. Singing Hours assignable at need.	$\begin{array}{c} 4\\2\\1\end{array}$	4 2 1	4 2 1	42 6 2 1 24		$     \begin{array}{c}             1 \\             2 \\           $	$     \begin{array}{c}             1 \\             2 \\           $			
Total		30	30	30	30	30	30	30	30	

<sup>a</sup>An analogous table is given for girls in the official programmes.

#### THEORETICAL AGRICULTURE AND HORTICULTURE.

#### [One hour a week the three years.]

## FIRST YEAR.

The soil; subsoil; modifications by cultivation. Farming tools. Different farming operations. Study of plants from the agricultural standpoint. Natural agents of vegetation. Domestic animals. Useful and injurious insects. The garden; tools; principal operations of horticulture.

#### SECOND AND THIRD YEARS.

The soil and water; drainage and irrigation. Operations and implements for farming on a large scale. Cultivation suitable to the region. Natural and artificial meadows. Vitculture. Cattle. The farmyard. Bee and silk culture. Gardening. The kitchen garden, fruit garden, garden work and produce. Sylviculture. Agricultural economy. Agricultural accounts.

#### PRACTICAL AGRICULTURE AND HORTICULTURE.

### General section.

#### [Four hours a week.]

#### FIRST YEAR.

Pupils will act as assistants to those of the second and third years.

#### SECOND AND THIRD YEARS.

Spring and summer work.—Gardening; demonstrative cultures; grafting; comparative experiments in culture—treating different varieties of plants with the same fertilizer and the same plants with different fertilizers. Laying out squares and beds for demonstrations. Special cultivation of plants of the region.

Winter work.—Preparation of products used in agriculture; lime in different forms, salts of copper, etc.; liming, sulphating; experimental study of the elements of an earth, of a vegetable mold, of ashes, and of the principal fertilizers (experiments only qualitative). Determination of the proportion of lime in a soil, of alcohol in a wine, etc.

### Section of agriculture.

### [Six hours a week.]

#### INDOOR WORK.

Study of sceds.—Seeds of cultivated plants and of noxious plants. Dodder; how to prevent its growth. How to determine the purity of seeds. Germination. Germinative power of different seeds.

Soils.—Composition, mineral constituents; physical analysis of soils. Rocks of the region; soils produced from them; transported soils. How to take samples of soils for analysis. Difference between soil and subsoil.

Fertilizers.—External characters of the fertilizers of commerce, their preparation and method of application. How to take samples for analysis. Agricultural implements.—How to take them to pieces and set them up; greasing

Agricultural implements.—How to take them to pieces and set them up; greasing and oiling; replacing parts. The work done by various tools. Keeping in repair. *Plants.*—Herbariums.

*Milk.*—Determination of the quantity of cream. Butter making. Manufacture of cheese and rennet. Precautions to insure the greatest cleanliness.

*Cattle.*—Dentition and age. Practice on anatomical specimens, and occasionally on living animals. The hoof of the horse, the ox, the ass, and how to shoe those animals.

*Bechives.*—Different types; manufacture of hives of different sorts, and particularly those with removable frames.

Gardening material.—Making straw matting; trellises; props; spades; rakes; handles for tools, etc.

*Remedies for plants.*—Manufacture of quicklime; solutions of sulphate of iron bouillie bordelaise (solution of copper sulphate and quicklime) and similar mixtures, sucrate of copper, etc. Use of the pulverizer. Sulphating seeds.

Buildings and material.—Making poultry houses, rabbit hutches, etc., and their care (cleaning, painting). Disinfection of stables, cattle sheds, sheep folds, etc. Bee culture; breeding rabbits, pigeons, poultry, and fattening them. Collecting insects.

## OUTDOOR WORK.

Spading, raking, rolling, clipping, etc. Grafting in the nursery and on the experiment table; trimming fruit trees; seed beds; transplanting; setting out slips, etc.; weeding, divers cultivating operations.

*Fertilizers.*—Preparation of and spreading complementary fertilizers (mineral and others); making compost heaps.

Applying flour of sulphur by blower to destroy oïdium of the vine, the rust of vegetables, peas, melons, etc. Applying copper compounds by the pulverizer to protect potatoes, tomatoes, etc., and vines and pear trees.

Harvesting, storing, and preserving crops.—Silos, haycocks, etc.

Special beds for making a comparative study of the action of different fertilizers and of different varieties of cultivated plants. Visits to nurseries, gardens, markets, and fairs of the neighborhood.

Every visit or excursion will be made the subject of a report which the teacher will correct carefully.

# III.---NORMAL SCHOOLS FOR MEN.

The distribution of studies in normal schools for men is shown in the following table. The figures indicate the number of hours a week devoted to each subject.

Subject.	First year.	Second year.	Third year.
Literary course.			
Psychology, morals, and pedagogies. French language and literature.	2	2	2
French language and literature	53	4	4
History and civics. Geography W riting	1	1	ĩ
Writing. Modern languages.	$\frac{2}{2}$	$\frac{1}{2}$	2
Total	15	13	12
Total	10		

Subject.		Second year.	Third year.
Science course.			
Mathematics. Physics and chemistry. Natural science and hygiene. Drawing and modeling. Theoretical agriculture.	$3 \\ 2 \\ 1 \\ 4$		
Total	10	12	13
Manual and agricultural labor. Gymnastics and military drill. Singing and music	5 3 2	5 3 2	5 3 2

The instruction in agriculture in the normal schools is advanced and the programmes indicate much technical detail. A few examples must suffice. The following subjects are among those prescribed for the first year:

Agrology, study of the soil.—(1) Soil and subsoil. Nature and composition, definitions, origin and formation of the arable layer. Effects of meteorological, mechanical, and chemical action upon the soil. (2) Classification of soils according to their physical and chemical properties; analysis of soils; productive power or fertility of soils; circumstances which influence the quality of soils, such as geographical situation, altitude, inclination and exposure of the ground, and the distribution of rain; physical properties and chemical composition of soils suitable for wheat, rye, barley, etc. (3) Means of modifying the composition of the soil and its physical properties. Fertilizers of animal, vegetable, and mineral origin; details of composition; the preparation and treatment of each, with calculations of the quantities needed for various purposes, etc., are given as parts of the programme, together with methods of chemical analysis.

Similar minute practical details are laid down for the study of irrigation and drainage, and for phytotechnics or the cultivation of plants.

In the second year similar minuteness of study is likewise devoted to zootechnics, or the breeding and care of animals, and to horticulture in all its branches.

The instructions relating to the teaching of agriculture in the normal schools still further elucidate its thoroughness. A few examples will illustrate this fact. Thus under botany the instructions read:

By means of microscopic preparations made in presence of the students the teacher will initiate them into the manipulation of the microscope and show them how to distinguish by that means the different parts of a plant, its tissues and the contents of its cells, etc. The description of the organs of a plant shall always be connected with facts which have an agricultural interest or application. Thus, apropos of roots, it will be well, after studying normal roots, to point out the existence of the nodosities of the roots of leguninous plants and the fundamental fact which follows from the study of them, viz, the nitrogenous nutrition of the plants of that family. The knowledge of the different types of the ramification of roots will permit the establishment of the principle of the alternation of crops, and the determination of the comparative value of different modes of sowing.

Under geology the directions are to study the actual phenomena of the region. After the teacher has familiarized the students with some of the common minerals and rocks—feldspathic, silicious, argillaceous—limestones and gypsum, he will explain the action of water on them, with demonstrations from the rocks of the neighborhood, and generalize from those observations. Then, in studying the action of infiltration from surface rain water, the phenomena of solution and precipitation will be insisted upon, which will aid in explaining the deposition and consolidation of various formations, e. g., of sand into sandstones, or conglomerates, deposits of limestone, gypsum, salt, etc.

The interest of the teachers of agriculture in their work is stimulated by the establishment of a system of prizes (medals) granted by the Government as rewards for excellence in inculcating agricultural knowledge, both theoretical and practical. The minister of agriculture also intervenes in primary agricultural instruction by issuing circulars of instruction to the teachers from time to time, directing them how to secure the best and most practical means of carrying out their work. Thus there is cooperation in this branch of study between the scientific workers who make original investigations and the ministers of public instruction and of agriculture, the result of which is a thorough organization of the teaching force and courses of study, with expert selection of suitable scientific matter.

# AGRICULTURAL SCHOOLS OF HIGHER AND SECONDARY GRADE IN FRANCE.

The existing provision for agricultural instruction in France comprises the following: (1) Higher institutions: National Agronomic Institute at Paris; 3 veterinary schools with 27 chairs; a national school of forestry at Nancy. (2) Institutions of secondary grade: Three schools of agriculture—at Grignon, Rennes, and Montpellier, with 26 professors, 29 auxiliary professors and assistants; 1 agricultural and industrial school at Douai; 1 national school of horticulture at Versailles. (3) Practical schools of agriculture, 47 in number, including 4 dairy schools and 2 schools of bird culture. (4) Divers establishments to the number of 57, including schools of silkworm culture and fruit culture and dairy schools. (5) Two hundred and twenty-two professors of agriculture, of whom 86 are departmental professors, who give lectures, hold conferences on their specialty, etc., and the remainder are employed to give courses of lectures in particular localities or at secondary schools. (6) Stations for demonstration organized in all the departments. (7) Establishments for research; experimental stations and laboratories numbering in all 64. (8) Three schools of household industry and dairy work for girls.

## THE NATIONAL INSTITUTE OF AGRONOMY.

To the French ministry of agriculture the Bureau is indebted for the Annals of the National Institute of Agronomy (or University School of Agriculture), second series, volume 1, containing a historical sketch of the institute and its course of instruction from its foundation to 1901. It appears that this institution was founded at Versailles by the law of October 3, 1848, but was suppressed in 1852, to be reestablished at Paris by the law of August 9, 1876. To Lavoisier, the famous French chemist, is attributed the first idea of scientific instruction in agriculture in France, a plan of such instruction having been presented to the convention in 1789; but the disturbances of the revolution and later wars prevented the realization of this plan until the early part of the nineteenth century, when agricultural chemistry, having made great advances under the discoveries of Priestley and Saussure, was subsequently placed upon a firm basis by the later and more systematized work of Liebig and Boussingault. The experience gained in several previously established agricultural schools was utilized in the organization of the course of instruction at the Institute at Versailles in 1848, and this was modified to keep pace with the discoveries in science when the school was reestablished at Paris nearly thirty years later, in 1876.

The original institute comprised three degrees of instruction, the highest consisting of the Agronomical Institute proper, an institution of higher or university grade, devoted to scientific research, and two lower grades, consisting of regional agricultural colleges or schools, and farm schools, the latter giving practical instruction to the sons of small farmers. The institute proper combined theoretical with practical studies, and was intended to train and educate young men to be disseminators of the information they received there in later years, besides teaching the élite of the youths who would become farmers and small-landed proprietors. The institute was reestablished in 1876 but transferred to Paris, in order to afford it the advantage of being at the scientific center of France. It was installed in the Conservatoire des Arts et Métiers. Its list of professors has contained some of the most distinguished names in French science—Boussingault, Becquerel, Delesse, du Breuil, Carnot, Duclaux, and Schloesing. Würtz, equally celebrated, had been professor of chemistry while the institute was at Versailles.

The aim of the instruction at the institute since its reestablishment has been practically the same as before, but its scope has been enlarged and it now prepares students for the following careers: Farmers and landowners with a scientific knowledge of agriculture; professors to teach agriculture in the national schools, schools of practical agriculture, normal schools, etc.; educated managers for either the public or private service in situations where a knowledge of agriculture is desired; forestry experts; directors of agricultural stations; chemists and directors of agricultural industries, and agricultural engineers (drainage, irrigation, machine construction).

The admission examination is both written and oral, the former covering the following subjects: Arithmetic, algebra, geometry, mechanics, use of logarithms, and trigonometry; French, natural sciences (zoology, botany, geology, physical geography), physics and chemistry, descriptive geometry, lettered drawings. The oral examination, added to the foregoing subjects, cosmography, geography, and modern languages (German and English). Agriculture forms an elective subject.

The written examinations take place in cities in different parts of the country, but the oral appears to be confined to Paris. A glance at the detailed subjects of examination shows that candidates are expected to have studied the fundamental sciences, which include a comprehensive list of subjects, thoroughly. These subjects cover a wider field than those included in the course of study of the lycées, which leads to the baccalaureate degree. An idea of their scope may be obtained from the following specimens. Under the general head of "electricity and magnetism" occur the following special subjects among others: Telegraphs; electric induction; fundamental experiments thereon; principle of magneto-electric and dynamo-electric machines; reversibility of these machines; the telephone; heating and lighting by the current; the voltaic arc; the incandescent light. Under the general head of "chemistry" occurs as one of the special subjects, nitric acid; its synthesis by the electric spark; nitrification; commercial preparation. These questions indicate the practical tendency of the preparatory scientific studies. Under "physical geography" the candidate is required to answer questions upon the seas and lands of the globe; the coasts, islands, and straits of Europe; the mountain ranges; the hydrography of France; detailed description of the regions traversed by the Rhine, the Meuse, the Scheldt, the Seine, the Loire, the Garonne, the Rhone, etc., and their principal affluents; description of the coast basins; railroads, the principal lines and their connections; French colonies in Asia, Africa, America, and Oceania; the boundaries, population, races, religions, governments, political divisions, commercial and industrial wealth of the different States of Europe.

The course of study at the institute is exhaustive of the various branches of science which can bear upon agriculture. The professors are recognized as authorities in their special branches, and the lists of their publications fill many pages. It is impracticable to do more than select a few of the subjects of study which form the bulk of the report in order to illustrate their scope or the method of instruction. The first general subject given is the biology of the plants cultivated in France and her colonies, and this begins with biology in general, followed by general botany and the special botany of all the plants under discussion. Animal biology and physiology follow next. To illustrate the scope of this study, we take from Chapters I and IX of the programme the following extracts:

Biology is the study of life as physics is the study of natural forces. Relations between these forces and life. Claude Bernard and determinism. What is meant by vital forces. Influence of external agents upon living beings. Latent life. Oscillating life. Homeotherms and poïkilotherms. Constant life and its conditions. \* \*\*

Transformation of heat into energy; animal work; equivalence of work and food; work done by the destruction of sugar, fat, and albumen; the idea of an animated motor; every vital activity has for its final object the destruction of bioplasm and the correlative production of motion and work. Experiments of Wislicenius.

Under the general head of geology applied to agriculture the general principles of geology are studied, as well as its special applications. Thus, under the action of the atmosphere are included the disintegration of rocks, transportation of dust, fertilizing dust; dunes, causes of their extension, removal of woods, fixation and utilization; the dunes from an agricultural point of view. Under the action of water are included streams, formation of alluvium; fluviatile alluvium from an agricultural point of view. The classification under "petrography" divides rocks into three classeseruptive, cristallophyllian (metamorphic), and sedimentary. Plant pathology is, as might be expected, very fully treated, and includes teratology and diseases both nonparasitical and parasitical, together with studies of the parasites themselves. The department of physical and chemical sciences is devoted largely to meteorology, 25 out of the 30 lectures of the course being upon meteorological subjects. Nevertheless, the names of those who have been professors of physics and chemistry in this department are well known all through the scientific world. Among them are those of Becquerel and Henri Moissan. The course of study in the department of electricity concludes with a section upon the influence of electricity upon vegetation, which contains but one heading, viz, history of the attempts which have thus far been made to demonstrate the existence of such influence. In the course in chemistry it is observable that among the exercises set for beginners in the preparation of the usual gases there occurs such advanced manipulation as the preparation of marsh gas by Dumas' method, i. e., by heating a mixture of sodium acetate and soda lime, and then analyzing the gas produced by passing it over red hot oxide of copper and collecting the water and carbonic acid so formed. Naturally, much attention is given to the analysis of fertilizers, soils, sugars, milk, wines, and all agricultural products.

The course in agricultural mechanics and hydraulics gives special attention to machines and motors capable of being used in agriculture, and to drainage, irrigation, etc. Social science is represented by a course upon rural legislation and administrative law (the rights of landowners, highways, waterways, water rights, etc.), rural economy, and political economy.

The foregoing courses comprise the fundamental sciences of agronomy; the remainder are more practical, and include all branches of agriculture in which the preceding sciences receive application. In this division are found agricultural excursions, work of experimental stations, practical farming, care of animals, etc.

#### ENGLISH AND FRENCH RURAL SCHOOLS COMPARED.

The modern development of instruction in agriculture in France has attracted the attention of the English board of education, and a special report upon rural education in France, with particular reference to the nature and effects of such instruction, was published by that board in 1902. Naturally, a contrast or comparison is drawn in the report between the French and English ideas upon the subject of instruction in rural schools, due to the difference in the conditions of life in the two countries. Three main points of difference are pointed out by Mr. Cloudesley Brereton, M. A. (the author of the report upon rural schools of northwest France). These are, first, that France has a more or less rural population, while in England the population is rather urban in its occupations and tastes; secondly, England is rather the country of large farms, while France is a land of small holdings, and, finally, in the English village community the great bulk of the inhabitants are landless men. In France, on the other hand, in some communes, one person in every four is a small proprietor, and therefore the pick of the village school are the sons of peasants and are all more or less familiar with farm

work. The sons of the landless English will, most of them, become laborers. Accordingly the problem in rural schools in England is to give a hand and eye training and so raise the efficiency of the laborers. The French boys will each have a strip of land of his own, and they do not come to school to learn practical farm work, which they already know, but the programmes for rural schools as eventually worked out (in 1897) laid down that the method to be followed should be that of imparting notions of science applied to agriculture and rendered practical. Object lessons, walks, and experiments were made to take the place of the old memoriter text-book methods, and finally quite advanced chemistry, biology (practical), hygiene, together with laboratories and plats for experiments with plants were added—as is more fully shown in the programmes given elsewhere. Mr. Brereton points out that the problem of finding the best instruction for rural schools in England is more intricate than in France, owing to the greater complexity in the composition of the English rural population and to the difference in social traditions, as already indicated. Hence it may be inferred that a speedy reorganization of instruction in rural schools in England, like that which has been effected in France, may not be feasible. The national conservatism in this case, as in so many others, must first be satisfied that any extensive change in the schools, to say nothing of a radical one, is really desirable, before it will deliberate upon the means for effecting it.

# AGRICULTURAL EDUCATION IN BELGIUM.

The scheme of agricultural education in Belgium is arranged in three grades elementary, secondary, and higher. The elementary instruction includes notions of agriculture imparted in the primary schools according to a detailed programme arranged with special reference to the chief local product.

Instruction in agriculture in the secondary schools is of recent date in Belgium, the course having been initiated as an optional study in a few secondary schools in 1880–81. Since 1886 the Government has introduced it into State secondary schools generally, including the highest classical schools or royal atheneums. The lessons are open to the farmers of the neighborhood, who have taken advantage of the privilege to attend evening classes. The course in agronomy, which is now organized in 29 secondary schools and 6 royal athenaeums, includes the following subjects: Soil and subsoil, mechanical cultivation of the soil, plowing, seed, germination, sowings, harvest and haymaking seasons, fertilization of the soil, agricultural hydraulics, management, hygiene, animal nutrition and alimentation, drinks, maintenance.

These matters are to be treated in detail according to an official syllabus, which for the corresponding subjects closely resembles that cited from the official regulations for French schools given below.

Belgium also possesses a secondary school of practical agriculture at Huy, and two secondary schools of horticulture and agriculture, at Ghent and Vilvorde. Among private institutions the agricultural school of the Christian Brothers at Carlsbourg teaches agriculture, horticulture, and brewing, by means of very complete installations; the Agricultural Institute of La Louvière is the competitor of the Carlsbourg School, and receives, like the former, a subsidy from the State.

Secondary agricultural education for young girls is imparted in about 10 domestic training schools (écoles ménagères), generally very well fitted up, established by private persons and subsidized by the State.

Higher education is imparted at the State Agricultural School of Gembloux, founded in 1861 and maintained at the expense of the State. A free agronomic nonsubsidized institute, belonging to the faculty of sciences of the University of Louvain, was founded in 1878 on the model of the National Agronomic Institute of Paris. These two establishments issue the diploma of agricultural engineer. The curriculum covers three years; a fourth year, which is not compulsory, prepares for specialties, such as agronomy, sylviculture, and agricultural industries.

To agricultural education may be linked the State school of veterinary medicine, of Cureghem, the only public veterinary school in the kingdom.

Education through public lectures is much diffused in Belgium, and has raised the technical education of the farmer to a very high level. Owing to the same, the use of artificial fertilizers, of oil cakes, and of various foods has been introduced, and the utility of machinery more generally admitted; the farmers understand the deficiencies of their education and the practical advantages of the new methods, and of the associations of credit, savings, insurance, etc., which have been recommended to them in those lectures.

The courses organized by the State are given by agricultural engineers or by teachers; a special official jury delivers, after examination, a diploma of certificated agricultural lecturer to the persons who do not possess a diploma of agricultural engineer. However, the greatest endeavors are made to unify the education and to intrust, it to such teachers as have completed the full course of instruction leading to the specified diploma.

# CHAPTER VI.

# HIGHER EDUCATION FOR BUSINESS MEN IN THE UNITED STATES AND GERMANY.

## [From a Report by Dr. J. Jastrow, of Berlin University.a]

The establishment of a commercial school of university grade, planned and now being carried into effect by a committee of the Business Men's Association of Berlin, as well as the reorganization of all the commercial schools under the municipal commission, make it appear desirable to gather the results of foreign experience and to utilize them to the best of our ability. Moreover, we have been well informed lately concerning commercial education in North America through a number of publications, which offer, on the whole, a correct view. It was not probable that, concerning a subject recently so well treated, a brief sojourn in America would enable a foreigner to make essential corrections in the view hitherto held, especially since the extended summer vacation of American institutions of learning is a most disadvantageous time for such studies. But it seemed a profitable task, though hitherto held of little account, to determine what position commercial education holds in the educational system of America, and what views prevail in influential circles concerning the value or lack of value of theoretical education in general.

In Germany the resolution to establish a commercial school of university grade in Berlin marks, it is true, an important turning point in the commercial university movement. Yet it would be saying too much to assert that the discussion concerning the value, or want of value, of a higher education for the practical business man in Germany is thereby closed. The conviction of the necessity of a commercial university for Berlin has gained ground so quickly and effectively because, after other cities had proceeded in this direction, Berlin could not afford to be left behind. If there are to be commercial universities in Germany at all, Berlin can not be without one. But about the question whether higher education is profitable for a merchant, every merchant has his own private opinion. The objections are raised that higher education cripples the practical sense; that a young business man, graduated from a university, will think himself too good to perform ordinary counting house or office work; that a class of "Latin tradesmen" will spring up who will look down with contempt upon the mere salesman. Now, since the claim for the Americans of practical sense has never been disputed, it must be of interest to hear something of what they think about this question.

My original intention had been to collect expressions of opinion of distinguished business men concerning the value of higher commercial education. But this became superfluous, since, at about the time I arrived in America, such a collection from the pen of Doctor Thwing, president of the Western Reserve University in Cleveland, Ohio, was published, and I had an opportunity to add to it during a long interview

a Bericht über eine volkswirtschaftliche Studienreise durch Nordamerika. Den Acltesten der Kaufnannschaft von Berlin erstattet von ihrem volkswirtschaftlichen Beirat, Dr. J. Jastrow, Privatdozent an der Universität Berlin. Translated from the Berliner Jahrbuch für Handel und Industrie, 1904, Band I.

with the author. Hence I restricted myself to supplementing the material offered in that book by occasional questions among merchants.

That the movement in favor of higher commercial education in America is pushing vigorously ahead is quite undeniable. Nevertheless, in that land of "self-made men" the opposition can not be said to have died out. In print and by word of mouth the objection is ever recurring: If of two young men, who at the age of 17 or 18 leave the high school, the one enters a business office at once, while the other spends another three or four years in higher educational institutions, the former, at the age of 21 or 22, would be much superior to the latter; it would in fact be difficult for the college graduate to begin then a business career. This objection is scarcely comprehensible to us. Not even the most enthusiastic advocate of academic education a substitute for business apprenticeship (Kaufmannslehre).

During the preliminary work of planning the new commercial university of Berlin, , it was at every step of the preparation considered as settled that the university should, as a rule, be open only to those who had already passed through their commercial apprenticeship (though others should not be unconditionally excluded). To make myself understood on this point in conversation with Americans was exceedingly difficult, because they did not know, as a rule, what we meant by "Kaufmannslehre," [i. e. business knowledge and practice]. A "commercial apprenticeship," as I tried to render our German term, is unknown in America. From the moment in which the young man leaves school and enters a business he is a clerk, as all his superiors up to the representative of the proprietor are clerks.

The American to whom our German business apprenticeship is explained is inclined to defend his native usage by saving that in America labor performed must be paid for and that through this circumstance the relations of a contract are entered into between the proprietor and his youngest employee; furthermore, that this very absence of an apprenticeship enables intelligent persons of the working force to rise to higher positions, and that this is an essential characteristic of American life. It was once said to me: "In our days it is not true to say of the German that he lacks political liberty, but still he lacks social liberty and equality, and an expression of this fact is that the business world is a class by itself, into which no one can enter who has not passed through the prescribed apprenticeship." But even these defenders of American conditions betrayed plainly, as I noticed, a high degree of admiration for a nation that could create and maintain an institution so pedagogically important as commercial apprenticeship, and whose younger generation is sensible enough to submit for a few years of their lives to the restrictions this apprenticeship necessitates. On the other hand, I did not succeed in arriving at a clear idea as to how the young man in America learns his specifically commercial profession. When I asked how a young man who had just entered a business acquired the practical business knowledge requisite to a successful career, if there was no one whose duty it was to give him instruction, the stereotyped reply was: "Oh, he must pick it up." This "picking it up" is, indeed, the great secret of American life, to unravel which a brief sojourn of only three months does not suffice. I can not, however, abstain from mentioning what a gentleman replied to me, who, though not a merchant himself, is in a position where he has many opportunities to acquire a knowledge of commercial life: "You do not understand how young people learn the mercantile profession without special instruction? The case is very simple. They never do learn it. It is a pity to see how thousands enter this calling and go to the bottom, and how it depends upon mere accident whether or not a young man acquires, during the first few years, the knowledge necessary for success in his career.<sup>22</sup>

Admiration for the better education of the German commercial profession seems to be general among Americans, but concerning the chief means of that education they deceive themselves. Among otherwise well-informed persons I found the most curiously exaggerated ideas of the excellent commercial educational system, or the well-organized commercial institutions to be found everywhere in Germany. Since the American, not having any system of commercial apprenticeship, is unable to think of commercial education as being anything else than theoretical, the fact of there being many well-educated young merchants in Germany is to him almost identical with the existence of a good commercial school system.

The relation between theory and practice in commercial education is, briefly stated, in the two countries, America and Germany, the reverse of what is generally imagined. Germany, the land of thinkers and dreamers, conducts its commercial education chiefly in a practical way; America, the land of practical men "par excellence," is obliged, for want of a system of apprenticeship, to resort to purely theoretical instruction, and precipitately devises and establishes new institutions of learning for this purpose. The great majority of American business men, it may be said, assign to-day not a lesser, but a much higher rôle to theoretical preparation for the mercantile profession, than do the most extreme leaders of the commercial university movement in Germany.

Among the answers I received to my inquiry, whether effects detrimental to their practical activity were not to be expected from an academic education of merchants, perhaps none was so characteristic as the one I received from the president of the board of trade of Wilmington, N. C., Mr. J. A. Taylor. The conditions of this city are about those of a middle-sized German city, with well-developed industries (cotton, turpentine, etc.). This representative of the board of trade made the reservation, that he judged from a comparatively restricted circle of experience, and then continued: "I believe that also anyone whose experience has had a wider range than mine will be surprised at this question from the lips of a German. I have read, I can not at the moment recall where, that the difference between England and Germany is this: That in England a son thanks God for having given him a father, while in Germany a father thanks God for having given him a son. Everywhere we hear that the superiority of the German mercantile profession is based upon the State's educational activity, upon its loving care for every kind of educational institution. And you become all at once apprehensive that of this blessing, which is the source of your wealth, you may have too much? How do you arrive at such thoughts? We would think ourselves fortunate if we could establish for our young merchants very many, very high, and ever higher institutions of learning."

Now, to tell the truth, the assertion that America does not know the institution of commercial apprenticeship at all, despite the assurance with which it was ever repeated in my hearing, must be taken cum grano salis. When a son after graduating from school enters the business of his father, the latter naturally, in America as well as elsewhere, will make the practical instruction of his son a matter of personal solicitude. Nor is it to be doubted, that in a country which does not recognize commercial apprenticeship, fathers who are friends will exchange sons for a few years in hopes of introducing in this way the young clerks into business better than if they entered wholly strange firms. I have been told positively that many a father prefers for his son the commercial apprenticeship of foreign countries, especially of Germany. These exceptions, however, which must be made to the assertion regarding the absence of commercial apprenticeship in America, perhaps make the difference between the two countries stand out more characteristic. In all such cases, however, methodical instruction in business practice is offered only to sons of well-to-do families; on the other hand, in Germany commercial apprenticeship falls to the lot of all, or at least the great majority.

Since in the lack of a regular apprenticeship system such exceptions in behalf of well-to-do persons will occur as a matter of course, it may be said that commercial apprenticeship, aside from the social seclusion so often emphasized by Americans, has also a socially emancipating feature (although it in its present form, in common with all other kinds of apprenticeship, still lacks organized arrangements for its utilization by the extreme poor). A germ of a future general mercantile apprenticeship in America may be found in the many arrangements made by wholesale and large retail houses, which have for their object the continued education of all their employees, workmen included. Factory operatives' courses, such as the National Cash Register Company, of Dayton, Ohio, exhibited at St. Louis, are bound to lead to the conclusion, that the best educational medium is the factory itself, or office, not a school detached from the factory. There are also large business firms which make it their purpose to offer instruction to the young people and provide instructors for them (for instance, the well-known department store of Marshall Field & Co., of Chicago), although this example, as far as I could hear, has not led to a regular or formal development of the system.<sup>a</sup>

Academic education of business men in America not only plays a rôle in programmes of study, but is to a great extent realized already, for the academically educated merchant may be met with there every day. In Germany people underestimate the wide extent of higher commercial education in America, because, as a rule, only those higher institutions are taken into account which provide for commercial instruction in separate departments. Such commercial departments are for instance:

The Wharton School of Finance and Commerce, University of Pennsylvania; the School of Commerce, Accounts, and Finance, New York University; the Amos Tuck School, Dartmouth College; the College of Commerce and Administration, University of Chicago; the course in commerce, University of Wisconsin; the College of Commerce, University of California.

Concerning commercial departments in the University of Illinois, in the University of Minnesota, and in Leland Stanford Junior University I have not been able to ascertain particulars. Inasmuch as higher commercial education is included in the preparation for the consular service, and this is a part of the diplomatic service, I may mention the School of Diplomacy (to the best of my knowledge the only one in the world) connected with the law faculty of the George Washington (formerly Columbian) University, Washington, D. C., (department of jurisprudence and diplomacy).

All these institutions are comparatively young. Even the oldest, the Wharton School, which is a part of the University of Pennsylvania, forming its commercial department, does not go farther back than 1881, and the others are all much younger. But the circumstance of young merchants, as well as future lawyers, physicians, etc., seeking their academic education in a university had ceased to be a rarity long before such separate institutions were established as are mentioned above. In all branches of wholesale business are found persons who have graduated from a university and secured an academic degree (A. B.).

The true appreciation of this fact is made difficult in Germany, on account of the seemingly ineradicable notion prevailing there that an American university is no more than a German gymnasium, and the American degree of bachelor of arts about equal to the graduation diploma from a gymnasium in Germany. This latter view is only mistaking the American bachelor for the French "bachelier." Now as concerns the inferiority of the American universities, this conclusion is caused not only by an erroneous estimate, but also by an erroneous mode of inquiry. It is not possible to state what American universities taken as a whole are worth. They are not, like the German, regulated officially and forced into a prescribed form, which circumscribes the still far-reaching liberty of the teacher, but each is an organism of its own; each expresses the individual views of its founders and administrators. State franchises,

<sup>&</sup>lt;sup>a</sup> That, however, is the essential point. On the other hand, the assertion that in Germany commercial apprenticeship is the general usage must be taken with many allowances. For numerous cases may be found in which apprenticeship is nothing more nor less than a mere form in which is clothed greedy utilization of juvenile labor. But, adding here and deducting there, the difference remains that in one country commercial apprenticeship exists as a regular institution and that the other lacks this institution.

which here also exercise a certain influence, date from different years, and even to-day represent quite a variety of views in the different States of the Union. To-day there is in America a pretty well-defined group of universities which have a fully justified claim to being taken in earnest, and whose claim is in no wise denied by the European learned world. To these institutions belong Yale, Harvard, and Columbia, also Johns Hopkins University (which was founded for the express purpose of making higher education independent of Europe); the University of Chicago, almost too munificently endowed by its founder, Rockefeller, for competition with others; also State institutions like the University of Wisconsin, the University of California, the University of Michigan, and others.<sup>a</sup>

If, aside from these, there is a large number of inferior institutions using the same name of "university," if in the South, for instance, many institutions are called "colleges" *b* which rank far below a German gymnasium, these facts should not lead us to underrate the value of those mentioned above. In case there were, besides the 21 universities of the German Empire, a large number of inferior institutions of learning that could not be prevented from calling themselves universities, it would in no way diminish the value of the 21 universities. Such a state of affairs would simply oblige the investigator of German higher seats of learning to study each group of universities by itself. This obligation is in point of fact laid upon everyone who makes a study of higher educational institutions in America. When I said that to see an academically educated merchant in America is an everyday experience, the merchant who has his degree of A. B. from Yale, Harvard, Columbia, Cornell, or a similar institution of high standing is meant.

Though the errors that have arisen from confounding various institutions in America calling themselves "universities" may have been excusable in the past, they are so no longer, since Münsterberg in his book "Die Amerikaner" has given us a truly classical description of American universities.

For another reason, also, a general review of the relations to each other of the Ameri-

a About five or six years ago the nost important American universities formed an association, which is very exacting (wählerisch) in the admission of new members. Although in the list of members there are a few institutions the names of which—despite manifold opportunities—I can not remember having been mentioned when universities of the first rank were quoted, still the list on the whole gives a good idea of what in the American learned world may claim to be of first rank.

b Aside from the low standing of many colleges it must be remembered that the word "college" in America is not everywhere used in the technical sense of the term. Thus, for instance, hundreds and thousands of "business colleges" make use of it. It has also become quite customary to call private business schools or so-called drilleries colleges, as when with us such an institution would advertise itself as Schulze's "Handelsakademie," without being an academy at all. In late years sensible educators have begun to use the term "business school" in place of the more pretentious one; so that among people who look deeper the mere fact of an institution calling itself a school becomes a recommendation. In this connection I desire to call attention to an error often made in judging American educational institutions. It is emphasized that many a high institution accomplishes too little, and not noticed how the greater diversity often shows itself in the fact that many preparatory or secondary institutions run way ahead of the average course; that there are secondary schools (high schools) which reach up into the colleges, not merely lead up to it, as for instance the Central Iligh School of Philadelphia, which, founded in 1837, is at present under the principalship of Professor Herrick. This school has a commercial department (high school of commerce) which is attended by 450 students out of a total of 1,650 attending the whole school. Here are read the commercial press, especially the London Weekly Commercial Intelligence and the consular reports of the United States Government. The students prepare scrapbooks under the guidance of their teachers. These methodically arranged scrapbooks furnish the basis for scientific beginners' work, which is selected with great pedagogical skill. The students range in age between 15 and 19. When leaving this school they are enabled to enter the second year of a college. The principal advises them to enter college (which from 10 to 12 per cent of the young people do), not the Wharton School, specifically devoted to commercial science, because he considers it better for their future career to pay great attention to general education. Still, most of the graduates seem to seek their college education in the Wharton School of Commerce and Finance; some enter schools of engineering, and still others enter a law school without first going to college.

can and German universities is indispensable, to wit, to answer the question: What position does an academically educated merchant hold in America? This review is best effected from a historic standpoint, since for both forms of organization there is found a common historical basis in the European university constitution of the middle ages. This ancient European university constitution recognized in the western European countries only three faculties, theology, law, and medicine. The preparation for these faculty studies was included in a traditional round of seven subjects of study, called the seven liberal arts, which were taught by the "artists" (professionals). Whoever had finished the course of the seven arts received the academic degree of Baccalaureus, and was then admitted to one of the three faculties. At the same time he was allowed to act as assistant to the "artists." In Germany the "artists" aspired to become an independent faculty, having the same standing as the other three, and they succeeded in this by being made the philosophic faculty. To this new faculty was assigned among other duties that of preparing teachers, as the three older faculties prepared clergymen, judges, and physicians. Although the aims of the philosophical faculty never were as sharply defined as this would indicate, and although to-day there is scarcely another definition possible than that the philosophical faculty represents all the branches of study not specifically assigned to the three older faculties, yet there is visible in this course of development the fact that the modern German universities have each become simply a cluster of professional schools, which have discarded all arrangements designed merely to serve general education (like the ancient corpus of the seven liberal arts).

The development has gone in the opposite direction in America. Here the ancient society of "artists" has not only maintained itself under the name of "college" but has been fostered with especial care. In imitation of similar English institutions, the Americans have made out of the former mere preparatory schools for professional studies an institution for general education, the principal instrumentality of that general culture which represents the educational ideal of the Americans. Thus the complete structure of the American university consists of two entirely separate parts: (1) the college having as a rule a four years' course leading up to the degree of A. B., and (2) a system of professional schools for theologians, jurists, physicians, secondary teachers, chemists, architects, and engineers; hence undergraduate work on the one hand, post-graduate work on the other. The American is perfectly clear about the fact that what has raised the "educated" man above the uneducated multitude is the general culture which he received at college, not the legal, medical, or other professional knowledge which he may have acquired for the purpose of his calling.

For this reason the position of an educated man in America differs vitally from that of one in Germany. That in America a college-bred man is not esteemed more than he who had to be satisfied with a lower grade of education, is not at all true. Aside from a certain arrogant bearing, which is perhaps the necessary concomitant of a strongly democratic constitution, as a certain excessive humility is the result of the opposite form of government it must be said that the American capable of judging knows very well how to appreciate the value of higher education in others. With us Germans a lawyer is valued higher than a cobbler because he is a lawyer, while in America he is esteemed higher only because, and in so far, as he received a general culture which enabled him to enter upon his professional studies. A law student who (as is sometimes the case) has gained admission to the law school without a college education is, indeed, considered merely an artisan in the trade of law; and contrariwise, persons who have finished their college education without entering a professional school, are everywhere the equals of lawyers, medical men, etc.

How far this ideal, determined by existing educational aims, is realized in actual life in America, I am unable to state after so brief a sojourn. But an educational system is characterized not only by the extent to which it is put into practice, but also by

the general views which are entertained regarding it whether these views are realized or only are striving for realization. If we compare the educational views of America from the standpoint of general culture with those of Germany, we have not the least cause for superior airs. In the German universities during the last few generations everything has been done away with that reminded of the former mission of the university as an institution of general culture. Even far into the 19th century there existed at least the theoretical requirement that the students of the three ancient faculties should utilize the philosophical faculty as an agency of general culture. When the requirement of medical students, for instance, to hear a course of lectures in logic and psychology was abolished, they were glad to be rid of an old and absurd formality (Zopf). In the same manner was viewed the obligation of law students to hear a certain number of lectures in the philosophical faculty. It may be quite right to say that these regulations merely existed on paper, and hence had no longer any significance. But at some point of their gradual relaxation we should have become conscious that those ancient requirements, which in their last stage had become ridiculous, had once had a very great significance, that they expressed the necessity of a general culture for the professional man. To-day in Germany the not very pleasing state of affairs exists in which professional men inherit a veneration which dates back to the times when professional training was indeed synonymous with general culture, and the members of learned professions emphasize this inheritance perhaps the stronger the less they can give evidence of the possession of a general culture themselves.

It is therefore quite comprehensible that in opposition to the attempts at Europeanizing the American universities there is noticeable a counter current. During the proceedings of the great St. Louis congress of the learned world, and in many conversations among its participants, the opinion was strongly expressed on the part of Americans that there is no occasion "to reform away" an institution like the college, which has been historically developed on American soil.

In the light of this background of general college education the American commercial schools are better understood. The American university organization including (a) a college and (b) a professional school system, the American higher commercial school movement may either aim at making the new educational agency merely a new modification of the college, or at establishing a new professional school by the side of the old ones. The Americans have chosen the former in almost every case, and have thereby given the movement that characteristic feature of aiming at general culture. Even the Wharton School, at Philadelphia, from whose name no connection with the University of Pennsylvania could be surmised, gives in fact no other than the same college education that is offered by the university, but in a form more adapted to the future business man, especially by laying stress upon branches which will be of use to him (political economy, exchange, finance, etc.). This appears more plainly still in the organization of commercial departments like that of the University of Chicago, which give external evidence of their parallelism to the ordinary college.

But since the American college (despite its stricter discipline, compared with the German academic freedom) does not tie the student entirely to a predetermined course, but allows him, especially in the upper grades, a wide selection of optional studies, the future merchant has an opportunity at every well-equipped college to construct, as it were, a commercial college course of his own, by means of a judicious selection of studies. In fact, the university professors count upon having among their students a numerous contingent of young men who intend to enter business later. In Harvard I attended the opening lecture of Professor Taussig on general political economy. Without knowing that his guest was interested in the question of commercial education, he addressed his words particularly to that class of his hearers who intended to become business men. He told them that the importance of the study of political economy for the business man lay not in its guaranty to render money-making easier,

but in promising greater happiness for the future merchant, inasmuch as he would better understand and value the place allotted to him in the mechanism of human society.<sup>a</sup>

It is clear to university professors who advocate that instruction in political economy should have more reference to mercantile occupations, that the platform lecture is not a good substitute for commercial schooling. They lay stress upon illustrations taken from commercial life and the like solely because they see that, according to their pedagogical experience, this is the best way to lead that class of young students to gain a general culture, of which the higher commercial profession stands so much in need. If at any of the American universities a commercial department parallel to the general college course is established, it is essentially only an effort to make general education palatable to the students. On the whole it may be asserted that the colleges of general culture, so far as they are concerned with the mercantile profession, and the specific higher commercial schools, have the same purpose. In the city of New York there are two universities, Columbia and the New York University, the former without, the latter with a separate higher commercial department. But for the purpose of commercial education, the latter is not necessarily preferred. The general advantages which the Columbia is said to have, give to this university the preponderance also in the eyes of those who primarily seek commercial education. And if the deliberations now going on at Columbia end in establishing a separate higher commercial branch, it would not in the least mean a revolutionary change, since for future merchants likewise general culture would be the chief educational aim.

An exception to this system is found, so far as I know, only in the Tuck School at Dartmouth College, Hanover, N. H. This seems to be the only American higher commercial school which is exclusively arranged for postgraduate work—that is to say, it is a professional faculty, side by side with the law and medical faculties, for students who have graduated from the college. I regret very much not to have had time to accept an invitation from a former teacher of this institution, and to study it myself. According to all I heard about it, the course of study, which goes very deeply into special branches of commerce, seems to have had for a result that the school is not frequented by future merchants, so much as by students who, besides the opportunities for general culture, make use of this opportunity to prepare themselves for professorships in higher commercial schools. If this be true, Dartmouth would have solved another and hitherto almost wholly neglected problem, that of the professional training of commercial school teachers.

If the views here expressed be accepted, namely, that the American higher commercial school is in the main only a hybrid college provided with a certain mercantile bait, the movement in favor of higher education for merchants is essentially only a part of a much more extensive movement for higher education in general, intended to draw larger numbers of students into the fold of the college. In that country, with a population of the most varied descent, representing the most different kinds of education and lack of education, the American college, whose diversity and capacity for adaptation surprise us, is, comparatively speaking, the most homogeneous element of American culture. College men, in the true sense of the word, form among themselves a

-

<sup>&</sup>lt;sup>a</sup> Listening to other opening lectures gave me opportunities to inform myself of the general level of university instruction in America. The opening lecture in Harvard, mentioned above, was intended for the first semester of the freshman year, and did not differ essentially from the first lecture of a semester in a German university. In Yale I heard a similar lecture by Professor Emery, and in Columbia one of the first of Professor Seligman's. In the two last-named institutions the level of the lectures (though delivered before somewhat older students) was perceptibly lower, but apparently only because the professors thought it proper from pedagogical motives to proceed cautiously in the lectures of the first semester. The libraries of reference in the study halls, which I examined at Columbia, Johns Hopkins, and the University of Pennsylvania, did not contain mere school text-books, but had the aspeet of university study. I received the same impression from the detailed information given to me by Dr. Alvin S. Johnson (Columbia) concerning his course in the history of economics.

certain community of culture, while those who have not been to college not only lack its cultural influence, but also lack for their degree of education a standard of measurement which may indicate in a general way a community of education (such as is indicated with us by the title "graduate of gymnasium," or the diploma of "one year's voluntary army service"). Whatever advantage the American expects from a good theoretical education he ascribes to the college. When a father trics to convince his son that anyone who intends to make money must first learn something, he has no other way to that end in mind save going to college. Hence the college is the ideal of American cultural life. The land is hungry for college education. \* \* \*

It must be admitted, however, that this movement has spread to a different extent in different branches of business. According to my experience opposition to college education is greatest among merchants or traders, less among manufacturers, simply because among the latter learning is a watchword, and to an American technical methods and other theoretical knowledge are much more an undivided field of intellectual effort than with us. A very pretty story is told of how a distinguished American silk importer illustrated the importance to a merchant of learning, by an example taken from his own branch of commerce. "There was a time when the people of Lyon in France thought they understood everything that concerned silk manufacture, while the men of Krefeld in Germany, and of Zurich in Switzerland, thought they understood all that better. Krefeld never attempted to learn from Lyon or Zurich, Lyon never from Krefeld or Zurich, and Zurich never from Lyon or Krefeld. But the American silk manufacturers knew that they did not know all that could be known of this branch. So they sat at the feet of all three, and learned from each. That is the chief reason why the Americans made such rapid progress in so short a time; they were open to conviction."

Especially in the banking business opposition to higher education dwindles more and more. In the New York Stock Exchange a college-bred man is no rarity. But what is more important, if you talk with a member of the exchange who has not enjoyed a higher education he will never recommend for his sons a school education such as he had to content himself with, but will have them go to college. The owner of one of the first New York banking institutions, who just at the time of my visit was debating with himself as to whether or not his son should enter a college, said to me as follows: "I do not belong to the college enthusiasts. I see plainly that the argument in favor of a college education for a future business man may be met with weighty counter arguments. But despite it all, I also see that the decision will be in favor of the college. For if my son does not attend a college he will, later on, have friends who have received a higher education, and in this circle he will be the only one without it. This is so important for the future that it will probably decide me to send him to college, although I might be convinced (which, however, is not exactly the case) that a college education is of no special use to a banker." Before I returned to Europe I met the son of this gentleman as a freshman at Yale, and one of the American political economists to whom I related my conversation with the father said: "That man has grasped the situation. It is all up with the high position of the American business men in the life of the nation when they fail to acquire a higher education."

In no branch of business, however, is the desire for the academic education of the younger generation for the leading positions so almost universal as in the transportation business. Here the movement for higher education finds no opposition. This is owing to the peculiar position which distinguishes those charged with organization in the transportation business and their education. Viewed from the standpoint of the theoretic education required for an organizer, the system of transportation has one peculiarity which it shares with absolutely no o her branch of business activity. The specific mark of distinction of an organizer may be said to be essentially this, that he understands how to secure execution of his orders even in his absence. There

is only one branch of business in which personal absence of the manager results from the very nature of the business operations. That is the branch which has to effect changes in space, i. e., transportation. In all other branches of business there may or may not be, far from the central establishment of the owner, depositories, warehouses, branch houses, agencies; but in the transportation business the absolute requirement is that the cars proceed to a distance, and that hundreds of stations should work according to the same system, which system can be contrived and set into motion only at the central office. Hence, transportation business is the highest school for business organizers. A talent to devise for the concrete requirements of practical life rules and regulations which are rigid enough to secure uniformity, and elastic enough to guarantee their general applicability, is required and utilized, i. e., in the business world the business of transportation is that point where the demand for the faculty of abstract thought is most acutely felt by the man of business.

Never before have I become so conscious of the high price we in Germany have paid for making the business of transportation a Government affair as when I viewed the apparently far-removed subject of commercial education. In America not only the entire system of railroads is in the hands of private individuals, but also the telegraph and telephone systems. The fact that railroad presidents are not State officers as in Germany, but business men, and that a not inconsiderable number of wholesale merchants and manufacturers go through the school of transportation business in their younger years, or give it the results of their experience in later years, has given the American business world quite a different position in the social structure of the nation. One only needs to imagine what a different aspect our German business world would assume, how differently it would be regarded, if railroad, telegraph, and telephone men were part of that world. I will not have it understood that I am in principle opposed to government acquisition of the means of transportation, but one need not be an opponent of state railroads in order to emphasize the social dislocation which has taken place with us compared with other nations. One may be in favor of the purchase of an object and yet be keenly conscious of the high price involved. At any rate, it was necessary to point out the vastly different social aspects of the business men of the two countries when the attitude of the American business man toward academic study was to be explained.a

A certain intimate connection between the business world and the scientific world displays itself in America not exclusively in the form of an aspiration for academic education for the future generation. The present generation of business men also participates in the literary life of the nation more actively than in Germany. More frequently than with us we meet in scientific periodicals with essays upon American affairs written by business men. Thus, for instance, last year a practical banker (Ch. A. Conant) discussed "The Limping Standard" in one of the most noted periodicals devoted to political economy, "The Political Science Quarterly." A book valuable for its abundance of practical information concerning the frauds perpetrated in speculation, even though it may not be considered strictly scientific, is the one of John Hill (of the Chicago Board of Trade) entitled "Gold Bricks of Speculation." When on the occasion of the centennial in 1895, a memorial on American trade was published ("One Hundred Years of American Commerce," edited by Chauncey M. Depew), a large number of American business men contributed to this literary enterprise. The history of boards of trade was treated by Orr, president of the New York Board of Trade. The director of the well-known Bradstreet Company (Ch. F. Clark) wrote on more gen-

<sup>&</sup>lt;sup>a</sup> The inquiry of Thwing, mentioned before, nevertheless contains also a considerable number of replies from railroad men against college education (see pp. 68-74 of his book); but this may be attributed to an innate sense of justice on the part of the author, who attempted to represent the opposite side of the question generously, so as not to appear to slight it. But even after reading this side of the question, there is not a doubt of the fact that by far the great majority of railroad business men favor academic education.

eral subjects. Foreign trade "from the standpoint of a trader" was discussed by Ch. K. Flint of the firm Flint, Eddy & Co., of New York; Wall street was discussed by Y. P. Townsend, president of the Bowery Savings Bank; Advertising in America, by F. W. Ayer, of Philadelphia, of the firm N. W. Ayer & Son; the telephone received attention from the president of the American Bell Telephone Company, Y. E. Hudson, of Boston; W. Lawrence, president of the National Wool Growers' Association, wrote on American wool production.

Without pronouncing upon the average value of these contributions, it must be acknowledged that there is in them a great deal of information which one would look for in vain in the scientific writings of theoretical men. I had been assured that there was no literature in America on American boards of trade which would give me as much as an entering wedge for further investigations. In the memorial mentioned, however, I found this wedge. At any rate, this literature shows that the business profession is itself beginning to use the pen concerning its own affairs. In Germany such a book as the one mentioned would be written almost exclusively by secretaries of boards of commerce and university teachers, among whom a merchant as author would feel like Saul among the prophets.

That part of the American business world is interested in higher commercial education, is anxious to guide scholarly investigations toward subjects of interest to business men, in order to show by discussing them what significance theoretical knowledge possesses for practical life. The means to this end is the prize contest. In Chicago the wholesale clothing firm of Hart, Schaffner & Marx has offered four prizes, one each of \$1,000, \$500, \$300; and \$150, for essays on the following seven themes:

1. Causes and extention of the modern industrial progress in Germany.

2. To what causes may be attributed the late success of American competition in European markets.

3. Influence of trusts and combinations upon the condition of American laborers.

4. Economic advantages and disadvantages of the present colonies for their mother countries.

5. Causes of the panic of 1893.

6. What form of education can be recommended for the industrial uplift of the American wage-earners?

7. What educational method is best suited to future business men?

This competition is open, as it seems, to scientific investigators as well as to students as an exercise; the first two prizes are intended for persons who have graduated from a college within the last ten years, the other two for students.

Participation of business men in the movement for higher commercial education is, however, active in a still stronger sense of the word. Distinguished representatives of the American business world have ascended the lecture platform, in order themselves to teach the young men what they thought they ought to know. The University of Chicago has printed the lectures which were delivered in its College of Commerce and Administration by practical business men on their own profession. These lectures form the first volume of the publications of the college in 1904. [The author here quotes the list of contents, giving names, positions, and subjects of the lecturers.— TRANSLATOR.]

Almost equally significant with the participation of these business men in college work is their reception by the representatives of the learned world. The editing of this collection of lectures was done by Prof. H. B. Hatfield, the introductory essay was written by Prof. J. L. Laughlin. Professor Hatfield in his preface admits that he is in no wise an enthusiastic adherent of the opinion that the university should make it its mission to educate for business. "But," he continues, "though the university can not undertake to educate for business, it can itself be educated by business men, who bring to it new points of view, an intellect of refreshing vivacity, helpful criticism, and activity of mind, even—suggestive errors, all of which is adapted to shake the faith of the man of academic learning in dogmas, or at least induce him to examine anew the claims of his dogmas to sovereign authority." Reaching back into the history of political economy, he reminds us of what this science owes to Ricardo, the stock broker, to the banker Newmarch, the manufacturer Montchrétien, the merchant Gresham, etc. Among American economists, Professor Laughlin certainly belongs to those who most decidedly adhere to the demand for exact definition, and it is by no means an accident that the representative of this tendency has taken the leadership, as it would seem, in drawing practical men into the debate. Cooperation of abstract thinkers and men of concrete business practice is certainly a union creditable to both parties.

In consequence of the active and widespread interest in higher commercial education, it was but natural that the great associations in the American business world should begin to move in the matter. That the American banking interests advocated higher education, and that the American Bankers' Association expressed itself in this sense, is well known even in Germany. In 1904, during its annual meeting, the National Board of Trade passed unanimously a resolution for the establishment of commercial departments in universities. Here also was shown how far academic education has already extended among business men. The mover of the resolution, Doctor Holland (Pittsburg) could state the case briefly, by saying: "A large number of you gentlemen are college men yourselves." The present attempts at establishing in Columbia University a department of higher commercial education are aided by the New York Board of Trade.

After all that has been said the question may arise among us whether or not higher commercial education in America is not on the road to become altogether too theoretical. To settle this we may be reminded, in the first place, of the fact that college students who contemplate entering on a business career often establish a certain connection with business life by using their vacation to work in business houses. In the Wharton School of Finance in Philadelphia an employment committee arranges for such employment. Not only for the purpose of preparation for future employment, but also for the purpose of present support, the earning of money plays an important rôle with many students. The Americans themselves are not quite agreed in judging this part of college life. Generally the college is considered an aristocratic institution, and the young dandy, as in England, is often looked upon as the typical student, who goes to Harvard or Yale simply to enjoy college life, or, as we say, "sich dort Studien halber aufhält." Indigent students who get through their college life by working hard and wrestling with poverty are thought to be exceptions. But one hears the opposite view frequently, namely, that the combination of study and earning one's livelihood is characteristic of America; that the great number of students who earn their own support is the most convincing proof of the general accessibility of the college, and gives to the college a downright democratic character. During the year 1904 Prof. Orlando F. Lewis, of the University of Maine, made the attempt through an inquiry to ascertain what proportion of students earned their own support. The answers differed greatly. For some colleges the percentage was 60, 70, and even 90; Chicago estimates it at over 50, and even universities of a certain aristocratic tradition, like Cornell and Yale, reported estimates of 25 and 10 per cent. That in this regard America entertains different social views from ours is beyond all doubt. I have not been satisfied with listening to stories of students earning their livelihood as waiters, and this even in dining rooms of universities where they serve their own fellow-students. I have seen with my own eyes that this is true, and hence have no occasion to distrust the often made statement that outside of the time of serving meals the intercourse between servitor and served shows no trace of this relation. However, I believe the assertion that this earning one's living does not affect the social position of the students rests upon an optical illusion of the Americans. For from the highest social stratum of American students, the fraternities, are already excluded so many strata standing socially high that the exclusion of the poorest, and especially the exclusion of waiter students, is not noticeable.

Above all, there acts as a mighty counterweight to making the higher education too theoretical the whole American life. America is, despite all, the business continent. He who there grows up is reared in a commercial atmosphere. Hence, what I have said concerning the estimation in which theoretical knowledge is held there, is not to be understood to mean that I intended to call in question that characteristic of American life. But the statement that in America the dollar is king is made so often that it would seem quite proper for the observer to designate the limits within which it is true. In the sense in which such statements are made concerning America to-day, they are untrue in two particulars: First, they create the impression that the land of the dollar hunters values only immediate gain, and has no mind for a scientific education which, though not offering immediate returns, guarantees future business success. This neglect of culture, it may be said, is found here and there, but it is neither as general nor as great as is believed in Germany.<sup>a</sup> The contrary opinion, it seems to me, is spreading throughout the country. Aside from that, in the second place, it is not correct to say that in American life the possession of material things alone is valued. The worth of the ideal possessions of mankind is recognized also on the other side of the ocean. And in the American movement in favor of higher commercial education the moving force is not only the desire for better equipment for making money (although this desire is quite praiseworthy), but also the fact that the representatives of the business world wish to secure their share of the ideal possessions of the nation.

In briefly summarizing my observations concerning commercial education, I may say that I left America with other views than those I had when I landed. I had come to hear what disadvantages the practical Americans apprehended from such higher education for business men as had been planned for Germany, and I found that the most essential difference between American and German commercial education consisted in one thing only, namely, that we have practical preparation in the form of commercial apprenticeship, while in America there is no such arrangement. In emphasizing this point, I mark the chief result of my investigations in America. Furthermore, that this circumstance does not play a rôle in the hitherto existing literature on the subject, is owing to the fact that theoretical instruction and the system of apprenticeship belong to two separate branches of literature, while to the observer who travels from place to place in order to learn the conditions prevailing, and not to write a book, the whole subject unfolds itself in all its aspects.

If this difference between American and German commercial education be recognized as fundamental, and considered as vital, it follows that the highest principle governing the movement for higher commercial education in Germany must be not to repress, even indirectly, the system of apprenticeship. Then we may, with reference to any apprehended injurious effects of theoretical instruction, quietly proceed in our plans, being sure of the backbone of practical preparation.

The second result of my journey is the recognition of the fact, that the higher education of the American business man depends primarily not on attending higher commercial institutions, but on his participation in college life in general. This fact places the problem of higher commercial education even for Germany in quite another light.

The question is, for what purpose is an academic education demanded in Germany for members of the business class? I do not believe that the chief purpose is to fur-

a In Germany, Andrew Carnegie's utterances in this regard are considered as characteristic of public opinion in the American business world. But Thwing has shown us (pp. 29-42 of his book) that not even Carnegie's views are as consistently antiacademic as is commonly believed. Furthermore, Carnegie stands alone among his associates in his views, so far as they refer to higher commercial education. The speaker during the commercial congress who advocated so warmly and so successfully the establishment of higher commercial edleges, came from Pittsburg, and elaimed to be a personal friend of Carnegie. That persons who are his intimate friends do not share his opinion in this regard, is quite in accord with my own observations.

ED 1905-vol 1----11

nish them with the positive technical knowledge needed in the prosecution of their business. According to my ideas, the movement has arisen primarily from the desire to open the portals of higher institutions to business men for a general higher education. Our time is groping in the dark for a new ideal of culture, which will of course include the traditional group of learned men of the nation, but will not permit them to pass for the exclusive possessors of culture. The commercial class in Germany, intending to establish commercial universities, demands with us (as is very clearly the case in America) its part in the highest national culture, the essence of which consists in this, that in aspiring to the highest it recognizes no scholastic restrictions.

If this be considered the essential aim of the German commercial university movement, the question with which this report began—namely, whether in practical America injurious effects are apprehended from the introduction of academic education for business men—can not be put. For as circumstances now are in America, academic education of business men, that is, fellowship of highly educated business men with cultured men, is already an accomplished fact. And however paradoxical it may sound, I can not formulate the impression I am bringing away from America in any other way than by saying that for prominent German business men also a university education is needed, because otherwise they will fall behind their American colleagues, especially in the estimation in which they are held by other members of the nation, an estimation which conditions their vital power and spirit of enterprise.

But whether in particular for the future German commercial university, especially for that in Berlin, much may be borrowed from the American system of education, is difficult to say, owing to the great differences between the two systems. America has especially favorable conditions for the solution of this problem. On the one hand, it has the college, which offers general culture to all professional men in a form adapted to the commercial class. On the other hand, the premium which in the social life in America is set upon fellowship with the educated classes, is not high enough to justify apprehensions of educated business men being designated, as in Germany, "Latin merchants." Of the intensity of that fellowship we have no clear conception in Germany. Whoever is a graduate of Harvard remains a voting member of the university for life. He has a vote five years after his graduation upon all decisive questions submitted to the alumni. He always remains the classmate of all the members of his date found in the pulpits and the courts of the country. Everywhere in American cities university clubs are formed, to which only A. B. men have admittance, and in which merchants with a college education are as well represented as the members of professions in respect to which, by tradition or necessity, an academic education is taken for granted.

This is an end which we can not reach with our German commercial university movement. As for America, the existence of the college is the starting point for all academic education of business men, so for us in Germany there is the negative fact, that every institution for general culture which goes beyond the gymnasium, formerly existent in the universities, has been lost to us. The highest culture is, with us, connected with professional schools, and the commercial universities will have to be professional schools also. Hence these schools will be obliged to offer a high commercial education which includes as many elements of general culture as possible and place that culture in the foreground. The consciousness of belonging to the scholarly classes, which may be comparatively harmless under American circumstances, would lead in Germany to an embittering division of the mercantile class into two sections, which would change into its opposite any advantage derived from the movement for higher commercial education.

Otherwise expressed, I believe that one of the essential objects of the German movement for higher commercial education has been secured already in America; that we, however, can not reach that object in the same way, but must strive after it in an opposite way.

# CHAPTER VII.

# EDUCATION IN LIBERIA.

# By George W. Ellis, Secretary of U. S. Legation at Monrovia.

The great drift of economic effort is toward the Tropics. The indications are that the Tropics will furnish the battlefield upon which the future is to witness the struggle of the nations for the industrial mastery of the world. There is little doubt but that this economic effort will be accompanied by an intellectual movement that will work mighty changes upon the mind and heart of Africans. With the passing of the years the control and development of tropical peoples and the utilizing and exploitation of tropical resources will grow in increasing importance to the civilized nations of the earth.<sup>a</sup>

# I. IMPORTANCE OF WEST AFRICA.

The growing congestion of economic and population centers in western nations is demanding more and more the services of the lands and resources of tropical peoples. Africa is the continent of the future, and West Africa is the most inviting commercial field of our time. It is populated by millions born to trade. Unrivaled in the productivity of its soil and unsurpassed in the variety and abundance of its products, West Africa is the home of much that may be utilized for the sustenance, comfort, and delight of man.

Tropical nature is wont to sustain the idle and the indolent without the dint of labor. The tendency of the Tropics is toward extravagance. In West Africa the tropical area is so vast that this extravagance is on the largest scale. For these reasons, with the the exception of Liberia, the nations of Europe divided West Africa among themselves. Every effort is being put forth to minimize the dangers of the climate, to commercialize the country, and to harmonize its people with the laws of civilization. And with all the difficulties encountered, West Africa is slowly but surely progressing.

# II. NATURAL IMPORTANCE OF LIBERIA.

Liberia possesses about 5 per cent of the West African coast line. It is an independent negro republic, dominated and ruled entirely by black men. It has maintained unimpaired its sovereignty for fifty-seven years.<sup>b</sup> Strategetic in position, and with an area of 48,000 square miles, it is so rich in natural resources that travelers have called it the "garden spot of West Africa." With thirteen ports of entry, it extends 350 miles

a Benjamin Kidd, The Independent, September 8, 1894. b Hand Book of Liberia, by S. D. Ferguson, jr.

along the coast and 250 miles into the interior, with an aggregate population of 1,500,000, of whom 25,000 are emigrants from the United States and their descendants. Planted by the American Colonization Society in 1820, Liberia declared its independence in 1847. In language and institutions the Liberians are strongly attached to the United States. Their efforts to educate themselves and to assimilate their native brethren ought therefore to be of interest to the American people.<sup>*a*</sup>

## III. SETTLEMENTS AND POLITICAL DIVISIONS.

A fair idea of education in Liberia requires some knowledge of African conditions, the political divisions, and the local distribution of the ruling population. The Republic is divided into four general divisions, called counties, corresponding to American States, represented by senators in the national government. The counties are subdivided into townships and incorporated cities. The law defines the township to be 8 miles square. It is surveyed as fast as the Americo-Liberian requires it from the public domain. The ruling population is distributed as follows in the 4 counties and 1 territory, along the coast and up the several rivers of the Republic:

## Americo-Liberian settlements.

Counties.	Number of settle- ments.
Montserrado Bassa	24 - 9
Bassa Sinoe Maryland Cape Mount	6 7 2
Total	48

## IV. LIBERIAN EDUCATIONAL SYSTEMS.

Liberia has three separate systems of education operating within the Republic, each under different management and supervision and deriving its financial support from a different source. There is one system maintained by the Methodist Episcopal Church of the United States; another by the American Protestant Episcopal Church; and still another by the Liberian Government. This is explained by the missionary spirit which entered into the causes leading up to the birth of the Liberian Republic. It will not be contended by those familiar with educational work in Liberia that even all the schools comprehended in the three educational systems are sufficient in all respects to meet the educational demands of the Republic. They have thus far, however, been sufficient to protect the institutions of the Liberian people from the downward influences of the presence and daily contact with backward peoples; they have demonstrated their service in producing leaders in Liberian thought and action and afforded the surest and safest means of perpetuating the highest and best interests of the State. Under discouragements, difficulties, and dangers peculiar to West Africa, Liberian educators, against great odds, are performing a valuable service for the Republic and the African.

## V. DISTRIBUTION OF THE METHODIST SCHOOLS.

The Methodist educational system partly indicates American interest in the future of Liberia. The system is a unit within itself, containing every grade from the primary to the college course. Its schools are scattered throughout the Republic. They are to be found in every county. The committee on education reported to the Liberia

a Whitaker's Almanac, 1904.

Location and name of institution.	Pupils.	Teachers.	Schools.
MONTSERRADO COUNTY.			
College of West Africa	119	8	1
Mount Olive		1	j
Powellsville	$\frac{11}{53}$	1	1
Crawford Mission		1	i i
Caldwell	35	1	j
White Plains Industrial School	17 23	2	1
Crozierville	40	$\frac{1}{2}$	
Harrisburg	25	1	1
Careysburg	28	1	1
Total	315	21	11
BASSA COUNTY.			
Lower Buchanan	$\frac{25}{18}$		
Upper Buchanan	40	1	
Edina	77	ĩ	1
Fortsville	25	1	1
Total	185	4	1
SINCE COUNTY.			
Greenville	80	2	
Since River Industrial Mission	42	2	i i
Fishtown	22	1	1
Total	144	5	(
MARYLAND COUNTY.			
Cape Palmas Seminary	110	3	
Big Town Boarding School	20	1	1
Mount Town	42 22	1	]
Plebo	22 14	3	
Wissika	26	2	1
Barraka	18	2	J
Total	252	13	1
Grand total	932	43	20

Annual Conference of 1904, 26 schools, with 43 teachers, and with an attendance of 932 pupils. They are distributed among the counties as follows:

Of the foregoing schools 11 are in Montserrado County, 5 in Bassa County, 3 in Since County, and 7 in Maryland County. At one time both the number of schools and the number of pupils were larger than those reported in 1904. About 50 per cent of the students in those reported are native Africans. In an address delivered in Allegheny, Pa., November 11, 1901, the superintendent of Methodist education in Liberia, speaking of the Methodist College, said: "It has as auxiliaries 33 elementary and grammar schools, enrolling 1,223 pupils. Of this number, 522 represent those who were born in heathenism. These are among our brightest and most promising students."<sup>a</sup> During the year 1903, six schools were closed. They were reported to the annual conference of 1904. The lack of funds is no doubt the chief cause for the closing of the six schools.

The average attendance of the schools is about 1,000, and is nearly equally divided between the Americo-Liberian and the African. In the October issue of World Wide Missions, 1904, the superintendent states that "about 1,000 students are enrolled in our schools, including both aborigines and Americo-Liberians. The former are increasing, constituting now nearly 50 per cent of our enrollment."<sup>b</sup>

### VI. THE COLLEGE OF WEST AFRICA.

The great center of the Methodist school system is the college of West Africa, located at Monrovia. It was founded in 1839 under the name "Liberia Conference Seminary," with Rev. J. A. Burton as principal. Since that time the institution has suffered many interruptions on account of the illness and death of the teachers and other obstructions. Yet it has gradually been improved as a center for higher culture. Beginning as a seminary with 3 teachers, it is now a college with 10 instructors and several departments—theological, industrial, English, normal, college preparatory, and collegiate. It occupies four buildings, with an average enrollment of upwards of 100 students. The president of the college, in The Christian Advocate of September 29, 1904, described the institution in these words:

The College of West Africa is one of the few educational centers in Liberia. It is the one central school of our entire Liberian work. It has an interesting history, contemporaneous with the national life of the Republic. A goodly number of leading men and women of the country were students there in their youth. Among its former pupils are Methodists, Baptists, Episcopalians, and Presbyterians.

# VII. HISTORY OF METHODIST SCHOOLS.

The complete history of the rise and growth of Liberian Methodist schools, though interesting, can not be given here. It is interwoven with the larger history and the more thrilling story of the church's first efforts to Christianize and develop the African upon his own continent. All along the way is marked by the sacrifices of the heroic and services of the brave. I mention the history of these schools more as a deserved tribute to their founders than an actual attempt to trace the real stages of their progress.

For the present purpose it is sufficient to note that it was the policy of the Methodist Church to maintain schools in connection with its missions and its churches, and to encourage self-support. The first missionary, Melville B. Cox, planned to establish schools and missions along the Liberian coast and at the chief centers of population as early as1833.<sup>a</sup> He only lived, however, long enough to begin his plan. Five missionary teachers soon followed after his death to take up his labors at Monrovia and elsewhere in 1834. Suffice it to say that the schools had so increased that about that time a superintendent was appointed in the person of Rev. John Seys, who afterwards became minister resident and consul-general of the United States at Monrovia. The White Plains Manual Labor School was established at White Plains. Mrs. Ann Wilkins opened a school at Caldwell. In 1838 Reverend Seys opened another at Heddington. At this time the Methodist schools, under 7 teachers, had 221 pupils. By 1842 the schools had increased to 13 and the pupils to 600. The Monrovia Seminary in 1853, under the principalship of Rev. James W. Horne, had 60 scholars and an assistant teacher. In 1854 Miss Caroline Brown began teaching at Cape Palmas. Miss Mary Sharp began her work among the Kroos soon after Bishop Haven's visit in 1876, and is still at Monrovia. Under M. Y. Bovard the interior was invaded and schools opened at Boporah and Gintemah. In 1884, when Bishop Taylor came to Africa, the work had somewhat declined on account of the absence of well-equipped teachers.

About 1888 the bishop established schools 100 miles up the Cavalla River, and 40 miles south, on a self-supporting basis. But they declined when the natives learned that the Liberians were receiving American aid while they were not. These schools had reached the point where they had at each station a nursery mission for children under 6, to be taught English, the industries, and the vernacular, after the manner of Froebel's kindergartens.

When Bishop J. C. Hartzell came, about 1897, the Methodist schools received new impetus and were carried forward to their present high organization, efficiency, and proportions. The seminary became the College of West Africa, the culture center of a unified Methodist school system extending throughout the Republic. The work at the Cape Palmas Seminary was strengthened, and new blood and brains supplied to

a Missions and Missionary Society of the Methodist Episcopal Church, by J. M. Reid, D. D., vol. 1.

the Methodist educational institutions in Liberia. Though through sickness, death, and other obstacles the work at many points had been often interrupted in the past, the church seemed now determined to take up the broken threads and to see that the memorable words of the heroic Cox should not fail: "Let a thousand fall before Africa be given up."

# VIII. ADMINISTRATION OF METHODIST SCHOOLS.

The administration of Methodist schools is in the hands of a superintendent, who is also president of the College of West Africa at Monrovia. The average school term is about nine months. There are only two seasons here, the wet and the dry. The former begins about May and ends with November, a period of about seven months. The latter includes the five intervening months, with variations at the dividing line. The schools generally begin in February and close with November. With some modifications the schools are fashioned after American schools. They have a mid-term vacation of a month in July, no doubt suggested by local conditions and the vacations of the English. Besides, they have the Christmas holiday, Thanksgiving, and the national holiday of July 26 in commemoration of the birth of the Republic.

At the close of the school term there are written examinations held by the teachers. But in addition to these, oral examinations in the higher schools are held in the presence of an examining committee, appointed generally by the trustees, and in the presence of the general public, suggestive of the public examinations held in the German industrial schools in the presence of an examining board appointed for the purpose.<sup>a</sup> In both the passing of the student depends upon the recommendation of the committee or board. But there is this difference, that in Liberia the students are open to questions from the general public. If this practice is open to objection in Germany, experience justifies it in Liberia, for the student is seldom embarrassed by the visitor desiring to display a mere smattering of knowledge at the expense of the student.

## IX. SUPPORT AND TEACHERS IN METHODIST SCHOOLS.

The support for Liberian Methodist schools is mainly from the Methodist missionary board, and is included in the support given to missionary work in general. Some financial aid is rendered by the local church at Monrovia by supporting scholarships in the College of West Africa. The Liberian Government gives the White Plains Industrial School \$500 annually. A few individuals in America give some food and clothing for native children, and still others support native scholarships in the College of West Africa and in other schools. Every now and then the superintendent, Dr. A. P. Camphor, visits the United States, during which time he solicits aid for scholarships in the Methodist College at Monrovia. These scholarships are \$25, \$50, and \$100 per annum. It is largely in this way that the native children are supported in the Monrovia College.

The salaries for the support of Methodist teachers and professors are from the Methodists of the United States operating through their board in New York. Prior to 1880 the total allowance for missions in Africa had exceeded \$37,000. The want of proper protection to mission stations in the interior, and the sickness and death of teachers, together with other difficulties attending the work, had led the general committee to reduce the appropriation for Liberia from time to time, until about 1879 it was as low as \$4,500. The chief cause for these reductions was the desire on the part of the church in America to develop a church in Africa that was self-supporting. Under this policy the schools suffered very much. In 1880 the Liberia Annual Conference debated the question of establishing the autonomy of the church in Africa on account of these reductions in the appropriations. And though the proposition was finally rejected, the fact that it was considered no doubt very much affected the American church, because the board addressed an appeal to the Liberian conference to prevent the separation; and there is little doubt but that this effect worked its way into the appropriations, and thus much affected the financial support for teachers and schools.

a Daily Consular Reports; report by Deputy Counsul Meyer, Chemnitz, Germany, 1904.

The teachers in the common schools are not given a salary, but are given about \$75 per annum as a contribution to encourage them in their work. They are generally Liberians, and are engaged in some other means of support. This small contribution is a temptation to incompetent teachers to do inefficient work. The diversion of a part of the teacher's time to other work in order to maintain himself is fraught with great damage to the Methodist common-school system in Liberia. And yet it is far superior to what it has been at times before, in the efficiency of the individual school and in the general unity of the system. Much credit is due to Bishop J. C. Hartzell, who has strengthened the work at many points. The total appropriation for the Liberian mission now is about \$13,000. From this amount the teachers are paid. The teachers in the White Plains Manual Labor School, the College of West Africa, and the Cape Palmas Seminary are generally sent out from America, and their salaries range from \$300 to \$1,000 per annum. The latest acquisitions which Bishop Hartzell has made for the Liberian work are in the College of West Africa, in the persons of Prof. T. R. McWilliams, professor of science, and Dr. Ernest Lyon, American minister, in the department of theology. The scientific department in the College of West Africa, under Professor McWilliams, established by Bishop Hartzell, is the only one in Liberia, and its equipment for experimental work in chemistry and physics compares favorably with that of similar institutions in the United States.

## X. PROTESTANT EPISCOPAL SCHOOLS.

Much that I have said about the administration, general features, difficulties, and sacrifices attending the rise and growth of the Methodist school system in Liberia is equally true of the Protestant Episcopal school system, and need not be repeated here. I shall call attention therefore only to some distinguishing and distinctive traits. Both systems express American interest in the ultimate destiny of this negro State. Both began operations in Liberia about the same time, the former in 1833, the latter in 1830; and under the influence of the noblest<sup>•</sup> philanthropy both have built up by similar methods school systems which have for their purpose the realization of a common end.

# XI. THE CHIEF PROTESTANT EPISCOPAL SCHOOLS.

The Protestant Episcopal system of schools in Liberia is grouped about four chief schools, the central one of which is the Hoffman Institute and High School at Cape Palmas. This is the most important institution in the work, and is generally known as Epiphany Hall. The hall has three departments, the high school, the collegiate department, and the divinity school. The collegiate department affords the students an opportunity for a liberal culture, and in the divinity school candidates for Holy Orders are trained for the work upon the ground. In 1903 there were 120 young men in the entire hall, under the efficient principal, Prof. P. O. Gray. During Professor Gray's five years' service the standard of the school has been much elevated, and its progress along all lines has been very marked. In the divinity school there were in the same year (1903) 9 candidates for Holy Orders. In 1904 there were 110 students in the hall, eleven of these being in the collegiate department and four in the divinity school. The important function discharged by the divinity school in the uplift of the mission work is revealed by nothing so strong as by the fact that one-half the clergy in the district are graduates from this department.<sup>a</sup>

In addition to Epiphany Hall there are three other important schools in the system, namely, the girls' school and orphan asylum at Mount Vaughan, near Cape Palmas, St. John's School at Cape Mount, and the girls' school at Clay-Ashland. In his report for 1904 the Right Reverend Bishop Samuel David Ferguson said of the girls' school at Mount Vaughan: "The management of the school has for many years been committed to the care of Mr. James J. Neal, whose efficiency, zeal, and devotion have

a Report of the Missionary Society of the Protestant Episcopal Church, 1904, p. 148.

brought that institution to the high level it has attained." <sup>a</sup> For that year there were 82 boarding and 19 day scholars. At the last annual examination, June 28, 1904, the girls gave evidence of the real service of the school.

St. John's School at Cape Mount is a school for boys, the superintendent of which is the Rev. Nathan Matthews, assisted very ably by Miss Agnes P. Mahoney, now acting superintendent. I have had the pleasure of visiting this school and can speak of its service and usefulness. It deserves the commendation given it by Bishop Ferguson in his report for 1904: "The superintendent, the Rev. Nathan Matthews, by his efficient management and devotion to the work, is effecting radical changes in the discipline of the school, elevating its moral tone, and setting it upon a higher basis for future usefulness." The enrollment for the year is 80 boys.

The girls' school at Clay-Ashland, under the Rev. J. Frith, a former professor in Liberia College, is doing as well as could be expected. During the year 1903 the school was transferred from Cape Mount. As yet suitable quarters on the new site have not been completed. For the year 1904 there were 27 boarding and 9 day scholars in the girls' department and 14 boarding and 22 day pupils in the boys'. Every effort is being made for suitable buildings in a more favorable locality. The examinations held in June last showed interest and progress.

### XII. PROTESTANT EPISCOPAL PRIMARY SCHOOLS.

Besides the schools already given there are a number of parish schools maintained in connection with the Protestant Episcopal Church in Liberia, and which cluster about the several chief schools of the system. Following are some statistics of these schools taken from the Bishop's reports to the Protestant Episcopal Missionary Society for 1903 and 1904:

			19	903.			1904.						
Districts and stations.		Schools. Pupils. Board- ing.		Pupils.						Pupils.			
					Schools.		Day.		Board- ing.				
	D.	В.	N.	L.	N.	L.	Ð,	в.	N.	L.	N.	L.	
MONTSERRADO COUNTY.													
Monrovia. St. Augustine's. Clay-Ashland Caldwell	$\begin{array}{c}1\\1\\2\end{array}$	$\frac{1}{2}$	$\begin{array}{c} 21\\ 2\\ 3\end{array}$	$     \begin{array}{c}       24 \\       2 \\       20     \end{array} $	8 19	$20 \\ 25$		$\frac{1}{2}$	31 5 32	18 4 41	4 25	35 16	
New York Settlement. Crozierville. Cape Mount.		  1	80		80		1			29	80		
BASSA COUNTY.													
Buchanan Edina. Tobacconee.	$\begin{array}{c} 3\\ 2\\ 1\end{array}$	····- ···1	29 21 30	43 23	 26		2 1	····· 1	24 19	56 27	26	• • •	
SINCE COUNTY.	8												
Greenville	1		21	37			1		25	60			
MARYLAND COUNTY.													
Harper. Hoffman. Cavalla. Rocktown. Sodoke. Garaway. Cuttington. Cavalla River.	$     \begin{array}{c}       2 \\       4 \\       2 \\       6 \\       4 \\       4 \\       1 \\       4     \end{array} $	$     \begin{array}{c}       1 \\       1 \\       4 \\       3 \\       1 \\       2     \end{array} $	$35 \\ 141 \\ 39 \\ 90 \\ 66 \\ 56 \\ 77 \\ 72$	36 3  11 	65 12 11 37 38 77 13	15 6 28	23232213	$1 \\ 1 \\ 2 \\ 4 \\ 3 \\ 1 \\ 5$	$9 \\ 154 \\ 40 \\ 119 \\ 60 \\ 44 \\ 3 \\ 36$	116 2 1	$73 \\ 18 \\ 6 \\ 17 \\ 39 \\ 42 \\ 88 \\ 35$	9  22	
Total	38	18	783	227	386	94	27	23	601	354	453	82	

# Statistics of Protestant Episcopal Schools in Liberia.

[D=Day; B=Poarding; N=Native; L=Liberian.]

a Report of the Missionary Society of the Protestant Episcopal Church, 1904, p. 148.

A slight examination of the foregoing table discloses that for the year 1903 the Protestant Episcopal Church in Liberia had a total of 56 schools with 1,490 scholars. There were 2 schools in Cape Mount, 7 in Montserrado County, 7 in Bassa, 1 in Sinoe, and 39 in Maryland County. A little more than 32 per cent of the total number of schools were boarding schools, and nearly 70 per cent were in Maryland County, while 73.5 per cent of all the scholars were native Africans. Thus the Protestant Episcopal Schools contained 23.5 per cent more native Africans in 1903 than the average estimate of the superintendent of the Methodist schools.

For the year 1904 the total number of Protestant Episcopal schools was 50, with a total of 1,490 scholars, a decline from the previous year of 6 schools, but with no loss of scholars. Continuing the comparison, there was a loss of 1 day school at Cape Mount, the gain of 1 day school in Montserrado County, the loss of 3 day schools at Bassa, and in Maryland County a loss of 8 day schools and a gain of 5 boarding schools. In other words, there was a decline of 10.7 per cent in the number of schools, a little more than 6 per cent in scholars, the native African sustaining 6.2 per cent loss and the Americo-Liberian 9.3 per cent.

In two material particulars, for some time past, the Protestant Episcopal schools have had the advantage of the Methodist schools. The first, and perhaps the most important, is in the matter of supervision. In West Africa this is very material. The difficulties and expense of travel discourage visits to various fields of the work. The natural effect of climatic conditions is to impair one's desire and ability for intellectual and physical labor. Everywhere there is a tendency to do as little as possible, and many neglect what they might just as well have done, on the theory that they are in the Tropics. The superintendent of the Methodist schools is also president of the College of West Africa. The efficient discharge of the duties of either position would justify the undivided attention of one man. On the other hand, the Protestant Episcopal schools have had the personal supervision of the bishop, residing in Liberia, and visiting the schools in connection with the church work in general, while the bishop of the Methodist Mission has visited Liberia only about once a year, and having so much other work in Africa, could not be expected to have made Methodist schools the visits which the bishop has been able to make to the Protestant Episcopal schools.

Moreover, the Liberian and the native African have few conveniences. The native African is poor because he does not understand how to enrich himself from the wealth of his surroundings. Both are therefore much impressed by the dignity of position and the power of wealth. One can imagine, then, the inspiration which the Protestant Episcopal schools have received from the presence of a resident bishop visiting from time to time in his private launch the various stations in his work. The election of a resident bishop for Liberia by the Methodist Episcopal Church will greatly strengthen the force and efficiency of the Methodist schools in Liberia.

The next advantage of the Protestant Episcopal schools in Liberia has been in the salary of the teachers. In the Methodist common schools a contribution of from \$50 to \$75 per annum is made to the teacher. In the Protestant Episcopal parish schools, the salaries of the teachers range from \$150 to \$300 per annum. The lowest amount received in the latter class of schools is at least twice the greatest amount received in the former. Very much more depends on the salaries paid to teachers in the public schools than is ordinarily supposed. Small salaries have a tendency to injure the service in which they are paid, and at times this tendency is strikingly manifested. They too often attract the incompetent, to whom a salary is a harmful charity. Low salaries repel the proficient teachers, who seek that employment which will sustain a living in accordance with their standards. So that the natural tendency of the superior salaries in the Protestant Episcopal schools has been much in their favor.

The President of the Republic, Arthur Barclay, who is a member of the Protesant Episcopal Church, in his inaugural address, January 1904, speaking of the Methodist Episcopal Church, had this to say:

I am glad to see that the Methodist Episcopal Church has resumed its missionary operations among the heathen tribes. Liberia is its oldest missionary field. The heathen tribes are almost untouched by Christian influences. The progress of the faith of Islam has been, I believe, exaggerated.

## And the following of the Protestant Episcopal church:

The educative and religious work of the Protestant Episcopal mission in the county of Maryland has been of enormous political use to Liberia. I am afraid that our people have appreciated neither its value nor its significance. Its idea of rearing up a native pastorate, which has not been followed up lately, owing possibly to the unfortunate events of 1874, was a grand one. Let us hope that the work in that direction will be resumed and pressed. We were to blame for the troubles of 1875. The Republic has nowhere in the country more loyal and devoted citizens than among the Christian Greboes of the county of Maryland, and we must thank the Episcopal mission for it. It is helping us, too, by its work among the Vey tribe.

## XIII. LIBERIAN PUBLIC EDUCATIONAL SYSTEM.

The Republic of Liberia has a bureau of education, in connection with which it maintains a complete system of public instruction. It is not our present purpose to trace the various evolutionary stages of this system from its birth, as a few salient facts in its history will serve us better. It is based upon the following legislation:

## 1. An act providing for common schools.

It is enacted by the Senate and House of Representatives of the Republic of Liberia in legislature assembled:

1. That there be established in each settlement and township in the several counties of this Republic at least one common school—said schools shall be under the entire control of the several school committees hereinafter ordained to be elected. The said committees shall make rules for the government of the same and are authorized and enjoined to employ a faithful and competent instructor for each school. Each teacher shall furnish the committee at the end of each term a full and detailed report of the state of the school—the studies prosecuted, the number, age, and sex of scholars, the time of entrance, and all such other matters as may be deemed important. All such reports shall be laid before the legislature.

2. That the annual sum of one thousand dollars be, and the same is hereby, appropriated to be drawn out of the treasuries of the several counties. Said sums shall be appointed [apportioned] among the several towns according to their number of inhabitants, to be applied exclusively to the support of the common schools of this Republic.

3. That the several towns and villages in their municipal capacity are authorized to levy an annual tax upon all male inhabitants over the age of twenty-one years—and the amounts so raised shall be applied as directed in the second section of this act. The several school committees are hereby authorized to draw quarterly for the amounts due to the schools of which they may have the supervision: *Provided*, *however*, That in no case shall any one teacher receive more than four hundred dollars a year.

#### 2. An act creating an interior department.

It is enacted by the Senate and House of Representatives of the Republic of Liberia in legislature assembled;

SECTION 1. That from and after the passage of this act there shall be created a new executive department of the Government of the Republic of Liberia to be called the department of the interior, the head of which department shall be called the secretary of the interior, who shall be appointed by the President of the Republic of Liberia, by and with the advice of the Senate, and who shall hold his office by the same tenure, and receive such salary as may be determined by law, and who shall perform all the duties assigned to him by this act, and who shall appoint a clerk of his department.

SEC. 2. And it is further enacted, that the secretary of the interior shall exercise and perform all the acts of supervision and appeal in regard to patents now exercised, according to law, by the secretary of state.

He, the said secretary of interior. shall exercise the authority of supervision and appeal over all land commissioners, over all marshals, clerks, and other officers of the court, over all native commissioners, over all commissioners of public buildings, over all discoveries of metals and minerals or other articles of value on the domain of the Republic of Liberia.

SEC. 3. It is further enacted, that the secretary of the interior shall have committed to him, subject to the direction of the President—

1. The educational interests of this Republic.

2. The extension of the laws of this Government to the aboriginal citizens of the same.

3. All correspondence and negotiating of treaties and alliances with native kings and chiefs beyond the jurisdiction of this Government.

4. The advancement of the operations of agriculturists by contracting, when necessary, for a supply of laborers on such plans as he shall devise and procure them and have them employed with humanly and justly, and fairly paid [sic].

5. The improvement and regulation of cities and towns of this Republic. He, the said secretary of interior, shall also have, subject to the President, authority to assess additional taxes in the cities and towns of this Republic for the maintenance of the schools of the same which additional tax shall be exclusively for the school of the city or town in which the assessment is made.

6. He shall cause this additional tax to be deposited in the treasury or subtreasuries of the Republic, and he shall draw upon the secretary of the treasury for such portions of the school fund as the secretary of the treasury shall be at liberty by the warrant of the Persident, to draw from the treasury or subtreasuries of this Republic.

7. He, the said secretary of the interior, shall cause this provision for an additional tax to extend to the aboriginal citizens of this Government.

8. He shall direct the native commissioners of the counties and require a quarterly report of their doings.

SEC. 4. And it is further enacted, that the said secretary of the interior shall procure and introduce into this Republic the most approved and efficient educational system subject to such mendatories[sic] as the circumstances of the country may require or the progress of the age shall demand.

SEC. 5. It is further enacted, that the educational system of this Republic shall be compulsory upon every parent, guardian, or citizen having in his legitimate control any child or children, apprentice or apprentices, male or female, of the age of eight years and not over sixteen years. And the said parent, guardian, or citizen having a child or children, apprentice or apprentices lawfully in his or her possession, shall be, and is hereby required to send him, her, or them to the public school or some other school, where the subjects of a good English education are taught, three days in a week excepting vacations and Saturdays unless some unavoidable circumstance shall prevent, which shall be made known to the teacher to be regularly recorded in the journal of the school.

SEC. 6. It is further enacted, that any parent or guardian, male or female, possessed of a child or children, apprentice or apprentices as aforesaid, violating the provisions of this act by unnecessarily neglecting to send him, her, or them to school as aforesaid, shall be fined in a sum not less than fifty cents nor more than one dollar for each neglect.

SEC. 7. It is further enacted, that the secretary of the interior shall appoint, with the approval of the President, two school commissioners in each county, whose duty it shall be to examine all applicants to teach in the public schools in their respective counties in the branches of an English education and certify their competency to the secretary of the interior with their recommendation for employment. Said school commissioners shall examine the schools of their respective counties quarterly and make requisitions upon the secretary of the interior for suitable books and facilities for their different operations. They shall also report quarterly to the secretary of the interior the condition and all the particulars of their schools. They shall likewise, without partiality, recommend the discharge of immoral, incompetent, delinquent, or indolent teachers. They shall, upon information given them by the teacher, who, or his school journal, shall be evidence in the case, prosecute before any justice of the peace for every violation or violations of the provisions of this act, and said justice of the peace shall be compelled to hear the said evidence of the defense and to acquit at the expense of the losing party, or to give judgment in favor of the school commissioners in a sum agreeable with the provisions of this act.

SEC. 8. It is further enacted, that all fines imposed by a justice of the peace for infraction of a provision of this act shall be obtained, if not paid, by a writ of execution lawfully granted by said justice of the peace.

SEC. 9. It is further enacted, that all fines for violating a provision of this act and all taxes levied to make up the deficiency of an allowance for a school shall be paid into the treasury or subtreasury by the collectors of the same, who shall obtain from the treasurer or subtreasurer of their respective counties a duplicate receipt, the primary receipt to be remitted to the secretary of the interior immediately by the said collector or collectors to be by him indorsed and turned over to the secretary of the treasury upon his acknowledgment in writing. Every constable or tax collector employed in collecting the fines and taxes of the school fund shall pay into the treasury or subtreasuries the fines or taxes collected by him within three days after they have been collected by him or be held to have forfeited his bond, for which he may be prosecuted by the school commissioner before any court of competent jurisdiction in their respective counties, and the expense or costs of such suits shall be borne by the defense.

SEC. 10. It is further enacted, that it shall be lawful for the secretary of the interior to levy an additional tax upon the citizens and inhabitants of any school district when he finds the school funds inadequate to sustain the educational interest of the same. But no such tax shall be levied but by an assessment by three competent citizens of a rate percentage on the assessed property of the school district sufficient to make up the deficiency. The assessors of this extra tax shall be sworn to do their duty faithfully and to the best of their ability. They shall receive the pay of the regular assessors. SEC. 11. It is further enacted, that school districts shall be marked out by the secretary of the interior amongst the aboriginal citizens living within them and within the school districts of civilized settlements shall be subject to this act without partiality [sic].

SEC. 12. It is further enacted, that the treasurer and subtreasurers shall keep a separate account of the school fund and report the same quarterly to the secretary of the treasury.

SEC. 13. It is further enacted, that the sceretary of the interior shall adopt in the payment of the salaries of the teachers a scale, of which eight dollars shall be the minimum and twelve dollars the maximum for each pupil taught annually. He shall possess authority to determine the number of scholars of each schol.

SEC. 14. It is further enacted, that from and after the passage of this act half of the amount of taxes on real property, half of the amount of the poll or head tax, all the taxes on distilleries and spirits of each city or town shall be credited invariably to the school fund of this Republic. The pay of the secretary of the interior shall be \$600.

SEC. 15. It is further enacted, that the pay of the school commissioners shall be \$300 and they shall be bound for the faithful discharge of their duty.

SEC. 16. It is further enacted, that the secretary of the interior or commissioner of education shall sign all requisitions for the advance or payment of money out of the treasury appropriated by the legislature for account of which they are constituted the supervisor.

SEC. 17. And it is further enacted, that nothing in this act shall be so construed as to affect or impair any powers conferred or duties devolved on the secretary of the treasury in relation to the transfer, safekeeping, or disbursement of the public moneys by the act creating a treasury department except that school funds shall only be drawn by the officers herein named. Nothing in this act shall be so construed as to conflict with an act establishing schools among the aboriginal inhabitants of this country [or] the mode of collecting tax.

SEC. 18. And it is further enacted, that any law or parts of law conflicting with the provisions of this act are hereby repealed.

Approved, January 23, 1869.

# ° A ct 3.

Whereas the condition of the aboriginal inhabitants of this Republic calls loudly for this Government to put forth some effort tending to their civilization; and whereas it should be the special desire of this Government to educate and incorporate them in our midst, so as they may aid in the upbuilding of this negro nationality. And as the collection of an annual tax from the aborigines for the support of common schools among them is obvious: Therefore—

It is resolved by the Senate and House of Representatives of the Republic of Liberia in legislature assembled:

SECTION 1. That there shall be appointed, after the usual way of official appointments by the President, a learned and discreet person in each county to be styled commissioner of education, who shall have the general supervision of all public schools in said county, unto whom quarterly reports shall be made by all teachers of public schools, embracing the condition or wants of said schools, the number of pupils, their branches of study, their names, the time of their entry, their age, and whether they are aborigines or Americo-Liberians; the said commissioner of education shall visit the public schools of the respective counties in person four times during each year, direct and examine all teachers, and give their particular attention to the cause of education in said counties: they may solicit from abroad suitable schoolbooks for the use of said schools, and they shall make a semiannual report of the condition of said schools to the secretary of the interior, who shall make known to the legislature annually the progress of education in this Republic.

SEC. 2 It is further enacted, that the commissioner of education shall see that all school-teachers discharge faithfully their duty as such, and shall institute rules for the government of all public schools, and on failure of any teacher or teachers to discharge his or their duty, or for other sufficient cause, the said commissioner shall discharge such teacher or teachers, subject to the approval of the secretary of the interior, and appoint others.

The secretary of the interior and the commissioner of education may be discharged from office for sufficient cause by the President or legislature of this Republic, which removal may be át any time. But on the commissioner of education failing to report to the secretary of the interior, as herein directed, it will be the duty of the secretary of the interior not to draw orders in his favor in payment for his services unless it be made to appear that circumstances beyond his control prevented him from making said report; the said report shall be made, however, before payment is made. The salary of the commissioner of education shall be three hundred dollars annually until otherwise appropriated, which may be drawn quarterly. And whenever the financial state of this Republic will justify, by consent of the secretary of the interior the commissioner of education may establish high schools in the several counties of this Republic and recommend the appointment of suitable teachers of said high school to the secretary of the interior, who shall appoint the same, subject to the approval of the Senate.

SEC. 3. It is further enacted, that there shall be paid by each native aboriginal inhabitant of this Republic, twenty-one years of age and over, as far back interiorward and coastwise as the President may deem prudent to enforce this act, the sum of one dollar annually, as a tax fee for the educational improvement of the aboriginal population of this Republic. SEC. 4. It is further enacted, that in order to carry out the provisions of this act, the President is hereby directed to appoint each native chief or headman as may be recommended by the commissioner for aborigines as assistant collectors of said taxes, which taxes shall be paid in demand notes, palm oil, camwood, or other available produce at native prices, and commissioners for aborigines in the several counties shall be associated with said native chiefs or headmen, as collector of said taxes, in no case exacting of anyone not probably twenty-one years of age or over. Said commissioner shall give bond and security for the faithful discharge of his duty to the amount of two thousand dollars, and for his services his pay as commissioner shall be regulated by the act creating commissioners for aborigines.

SEC. 5. And it is further enacted, that out of the taxes thus collected the native chief or headman engaged in collecting the same shall be entitled, as soon as the collection is over with his tribe, to onesixth out of all taxes thus collected, which shall, under the commissioner of education, be converted into the best merchandise and given to said chief or headman for his own use and benefit.

SEC. 6. And it is further enacted, that the taxes thus collected shall be placed for safe-keeping in the possession of the treasurer, who may change the same for available money, such as specie, drafts, or greenbacks, or other demand notes styled the currency of this Republic, and the same separately kept from all other moneys in his charge, and in no case shall he pay out any of said money, except by legislative appropriation; he shall, as well as the commissioner, chiefs, or headmen, make quarterly report of all moneys, oil, or camwood thus collected or secured to the secretary of the interior, who shall report the same to the legislature at its ensuing session. In the leeward counties said reports shall be made to the comissioner of education, who shall forward the same to the secretary of the interior.

SEC. 7. It is further enacted, that the moneys thus collected from the natives shall be used for maintaining common schools among them at convenient places and also toward the payment of the commissioner of education. The teachers of public schools shall be appointed by the commissioner of their respective counties.

SEC. 8. And it is further enacted, that the native chiefs or headmen who comply with the provisions of this act shall be commissioned by the President as justices of the peace, who shall be associated with the commissioner for aborigines in the settlement of petty ofienses within the jurisdiction of his or their county; they may impose fines, and in fact may try cases of debt where the amount does not exceed two hundred kroos, and do all that a magistrates' court may do otherwise.

SEC. 9. And it is further enacted, that every chief or headman and his or their tribe [who]comply with the provisions of this act shall have the fullest protection of Government against any tribe in hostility against him or them, and for their relief the President may at any time when the occasion requires enroll a posse of men, uniting them with said chief or headman and tribe, for the purpose of chastising any hostile tribe herein contemplated, and they shall have the same pay and support given to the militia in actual service as provided for otherwise by law.

SEC. 10. And it is further enacted, that said chiefs or headmen may hold meetings of his or their tribe at the close of each year, and may petition the legislature, making known any of their grievances, and the same may be handed to any senator or representative, who shall lay the same before the legislature at the ensuing session.

SEC. 11. And it is further enacted, that the President shall cause to be registered the name of every native living in the towns contiguous to each city or town of the Republic, by the commissioner of aborigines, on his first visit, which shall be during the month of March, 1869, the said register shall be lodged with the secretary of the interior or superintendent of the several counties. The pay of schoolteachers shall be regulated in the annual appropriation bill by the legislature, and the pay of each school-teacher shall not exceed three hundred dollars per annum.

SEC. 12. It is further enacted, that any native chief or headman obstinately and persistently refusing to comply with the provisions of this act shall not be allowed a hearing before the President nor at the superintendent's department, nor shall they in any way be entitled to Government protection except for manifest injustice.

SEC. 13. It is further enacted, that in order to propagate the palm tree in this Republic, it shall be required of every native chief or headman complying with the provisions of this act, as well as Americo-Liberian citizens, to plant, [or] to cause to be planted, in every new farm cultivated by them on the public lands (not abounding in palm trees) palm nuts or palm seeds all over said farms at suitable distances in payment for the use of the public lands, and by so doing they shall have Government protection for the cross cultivated on the same.

SEC. 14. And it is further enacted that no school-teacher among the natives shall be allowed to trade with said native tribe where he is appointed as teacher, except for food for his maintenance, but shall devote his time to their clevation and civilization.

SEC. 15. It is further enacted that all laws or parts of laws conflicting with the provisions of this act be, and the same are hereby, repealed.<sup>a</sup>

Approved January 23rd, 1869.

a Statute laws of Liberia, 1848-1874, pp. 166, 12, and 35.

#### Act 4.

Resolution providing for the appointment of a general superintendent of public instruction and common schools and for other purposes.

It is resolved by the Senate and House of Representatives of the Republic of Liberia in legislature assembled:

SECTION 1. That the President be, and is hereby, directed to appoint, immediately after the passage of this resolution, an officer to be styled general superintendent of public instruction and common schools; said officer shall superintend the operation of public and private schools, and see that the school laws are enforced.

He shall issue to the commissioners of education eircular letters of instructions and suggestions; he shall collect information concerning the condition and operations of common schools in the different counties and districts; and digest and report upon the same, together with suggestions and recommendations, annually to the legislature; and he shall visit all the schools in each of the counties at least twice a year; and he shall require all the school commissioners to visit the schools in each county at least once a quarter and report their visitation in their quarterly reports.

SEC. 2. It is further resolved that the commissioners of education shall make their quarterly reports to the said superintendent, and shall be subject to his instructions and directions.

The superintendent of education shall always prepare and send in writing, with his report, all bills relative to the educational interest of the country, whose passage he may recommend.

His salary shall be seven hundred (\$700) dollars yearly with travelling expenses.

Any law to the contrary notwithstanding.a

Approved January 26, 1900.

The common schools of Liberia were established by the first act and grew up under the second and third. Under the supervision of the commissioner of education and the school committee the schools had so increased from 1869 to 1900 that the fourth act was passed creating a bureau of education with a general superintendent of public instruction. These four acts set forth clearly the duties of the teachers, school committees, commissioners, and superintendent of public instruction, which need not be repeated.

## Rules for teachers.

In 1901 the first superintendent of public instruction, J. C. Stevens, published for the guidance and help of teachers some rules and regulations. A few of them may be of interest:

1. The school is to be taught four days in each week, and five hours each day.

2. The following will be a good form of opening exercises: (1) Singing; (2) reading a chapter, a psalm, or a part of one, from the Bible; (3) the Lord's Prayer; (4) singing; (5) roll call. The exercises may vary, but should never take more than half an hour. Fifteen or twenty minutes might be sufficient time.

3. Sectarianism and politics are not to be taught in school. Therefore, teachers should avoid commenting on the Seriptures, as well as partian polities. Teachers are not employed to preach or make political speeches.

All the people have the right to send their children to the public school without having their religious or political opinions tampered with by the teacher.

4. It is expected that the teacher in his conduct will be a good moral example to his school.

5. The ancient and erroneous practice of keeping beginners spelling a long time before commencing to read is to be abolished and instead the primer, or first reader, and slate are to be used from the start.

6. All teachers employed in public schools shall be annually examined in the branches to be taught in the schools, and receive at each examination a teacher's certificate, which shall be good for one year.

Teachers shall be divided into three grades: Those who pass a satisfactory examination in reading, spelling, writing, arithmetic as far as and including long division, and marking and keeping roll book shall receive a third-grade certificate. Those going further, who shall evince a sufficient knowledge of arithmetic through fractions, primary geography, grammar through parts of speech, shall receive a second-grade certificate; those who still further understand arithmetic through percentage, grammar through syntax, and have a fair knowledge of general history and the history of Liberia and geography, shall receive a first-grade certificate.

The standard of excellence will be gradually raised annually.

a Public school law of Liberia, 1901, by Superintendent J. C. Stevens.

In all grades professional experience shall be counted in the applicant's favor. In grading or making certificates 100 shall be the standard.

7. Applicants of good moral character will be examined and employed as teachers, without regard to religious sect, political affinity, or sex.

8. Teachers of the higher grade shall always be preferred, other things being equal.

9. The annual examination shall be held on the first Tuesday, Wednesday, and Thursday in February, in Montserrado County; the second Tuesday and Wednesday in December, in Grand Bassa; the third Tuesday and Wednesday in November, in Sinoe County; and on the first Tuesday and Wednesday in November in Maryland County. Should the commissioners in the leeward counties find it to be necessary and expedient, three days may be used.

10. The teacher shall each day hear recitations in every study of each class. History and geography may be alternated—or taught twice a week. A lesson in the rudiments of music once a week is desirable where possible.

11. Whenever it is impossible for the general superintendent to be present at the examination of teachers, the commissioner of education will associate with himself one person of the county, male or female, distinguished for educational ability, and of unbiased mind, to assist him in grading the teachers according to merit evinced in the examination, in order to avoid the charge of partiality.

12. The salary of teachers will be fixed according to their grade, the first grade receiving the highest and the third grade the lowest sum. Until otherwise ordered, second-grade teachers shall receive \$30 a year more than third-grade teachers, and first-grade \$30 more than the second-grade teachers.

13. Any teacher examined and graded by the commissioner alone, feeling that he has not received justice in such marking, may appeal to the general superintendent, and appear before him for further examination, at a stated time, at his own expense.

14. While corporal punishment is allowed, yet it should be the last resort. All means of moral suasion must be exhausted before the rod is taken; and then should be used in moderation, according to the principles of the common law. The ablest teachers use the whip the least.

15. Corporal punishment should not be administered for mere failure to know lessons, but for persistent idleness and mischief making it may be given moderately.

16. Vacations shall be from the 30th day of November to the second Monday in February, and from the 15th of July to the 15th of August.

Statistics	of the	public	schools	of Liberia.	

		Puj					
County.	Lib	erian.			Schools.	Teachers.	
	Male.	Female.	Native.	Total.			
Montserrado Bassa Sinoe Maryland	860 229 265 227	422 150 145 120	$302 \\ 111 \\ 195 \\ 195$	${}^{1,584}_{490}_{605}_{542}$	53 13 15 19	$53 \\ 13 \\ 15 \\ 19$	
Total	1, 581	837	803	3,221	100	100	

[From Superintendent's Report, 1903.]

From the superintendent's report to the legislature in 1903 I have been able to secure the few figures here given, which will throw some light upon the common schools maintained by Liberia. For that year there were 100 distinctively Liberian common schools, with 3,221 scholars under 100 teachers. There were 837 Liberian females in school, or 34.6 per cent of all the Americo-Liberians in the strictly Liberian schools. No distinction was made regarding the sex of the native Liberians, of whom there were, male and female, 803, or 24.9 per cent of the public common school pupils.

## XIV. INFLUENCE OF COMMON SCHOOLS IN LIBERIA ON THE AFRICAN.

For the year 1903 in Liberia 50 per cent of the scholars in the Methodist schools were native Africans; 73.5 per cent of those in the Protestant Episcopal schools; 24.9 per cent of those in the public schools; making 42.6 per cent of the entire primary school enrollment in Liberia. Thus a little less than half of the children in school in Liberia in 1903 were native Africans. The Republic of Liberia was educating 337 more native children than the Methodists and 376 less than the Episcopalians.

### EDUCATION IN LIBERIA.

#### Statistics of common schools since 1900.

OCTOBER 1, 1900, TO SEPTEMBER 30, 1901.

County.	School support.	Books.	Totals.
Montserrado Bassa Sinoe Maryland. Cape Mount Total	\$8,000 3,000 3,500 2,500 500 17,500	\$500 200 250 200 	\$8, 500 3, 200 3, 750 2, 700 500 18, 650

OCTOBER 1, 1901, TO SEPTEMBER 20, 1902.

Montserrado Bassa Sinoe Maryland	3,000 3,500 3,200	$200 \\ 250$	3,200 3,750
Cape Mount			900

OCTOBER 1, 1902, TO SEPTEMBER 30, 1903.

Montserrado	 \$9,500	\$500	\$10,000
Bassa	5,000		5,000 3,750 4,400 \$00
Since	 3,500	250	3,750
Maryland	 4,200	200	4,400
Cape Mount	 900	250 200	\$00
1			
Total	 23,100	950	24,050

#### OCTOBER 1, 1903, TO SEPTEMBER 30, 1904.

Montserrado. Bassa Since Maryland Cape Mount	5,000 3,500	\$500 250 200 100	\$9,500 5,000 3,750 4,800 1,000
Total	23,200	1,050	24,250
Grand total	83,900	4,800	88,700

#### XV. SUPPORT OF COMMON SCHOOLS IN THE LIBERIAN SYSTEM.

Although the legislature provided for the support of schools by taxing all males over. 21 years of age, by allowing half of the tax on real estate for the school fund and all the tax on spirits and distilleries, yet the method provided did not work well, and the legislature appropriated the support of the common schools from the general treasury of the Republic. In the previous table I have been able to give, through the courtesy of Hon. Daniel Howard, secretary of the treasury, the appropriations for the common schools of the Liberian system since the organization of the bureau of education in 1900.

It is to the credit of Liberia that for these four years for her common schools she spent \$83,900 for their general support and \$4,800 for books, a total of \$88,700. And taking the enrollment for 1903, exclusive of Liberia College, the Republic spent \$7.17 per child for its education.

### XVI. HIGHER EDUCATION IN LIBERIA-LIBERIA COLLEGE.

The great national institution in Liberia for higher learning is Liberia College. It is the pride of the Liberians and commands the patriotic support of the country. Dr. R. B. Richardson is its honored president. For the year ending December 9,

ED 1905-VOL 1-12

1904, it had in the college department 13 freshmen, 5 male and 8 female; 9 sophomores, all male; 13 juniors, 6 male and 7 females, and 5 seniors. It is managed by two boards of trustees, one in Liberia and one in the United States of America. It has four departments—preparatory, law, industrial, and collegiate. It has 12 professors and instructors, with a total of 120 students. There is a separate building for the female students, so that there is no higher coeducation of the sexes in Liberia College.

Some time in 1848 Rev. John Payne, a missionary of the Protestant Episcopal Church at Cape Palmas, wrote to the Hon. Simon Greenleaf, an eminent jurist of Boston, Mass., for aid in establishing a theological school at Cape Palmas. Believing that Liberia needed an institution for liberal culture, Mr. Greenleaf brought the matter to the attention of the Massachusetts Colonization Society in 1849. The final result was the founding of Liberia College under the control of two boards of trustees, one incorporated in 1850 in Massachusetts under the title "The Trustees of Donation for Education in Liberia," and the other in 1851 at the incorporation of Liberia College by the Liberian legislature.<sup>a</sup>

The college building cost 20,000, which was given by the Boston board. Liberia gave "the 20 acres on which the college stands and 1,000 acres of land in each of the four counties in Liberia."<sup>b</sup> The first act of incorporation designated Clay-Ashland as the proposed site. In the matter of a site several suits were filed, with the result that the college was located at Monrovia.

Liberia College was opened in 1862 with a president, 2 professors, and 8 students, with 8 more in preparation. The sources of its support until about 1890 were mainly the funds raised by the Boston board. The two boards did not work together in perfect harmony, and the college department of Liberia College was suspended several times prior to 1890. In 1881–82 the Liberian legislature provided for the establishment of a preparatory school in each of the four counties. About 1890 the Republic assumed the responsibility of supporting the college principally, and since that time it has only closed once, which was about 1893, on account of the Cape Palmas war.

Dates.	Amount.
October 1, 1901, to September 30, 1902 October 1, 1902, to September 30, 1903	

Support of Liberia College since 1900.

In 1898, when W. D. Coleman was elected president, efforts began for the reopening of Liberia College. He induced the legislature to pass an act providing that one-half of the duty on piassava, one-half of the proceeds of the sales of public lands, and all escheated property be set apart as an endowment fund for the support of Liberia College. Rev. G. W. Gibson, who afterwards became president of the Republic, was elected president of Liberia College in 1900. At Doctor Gibson's inauguration the Rev. E. W. Bylden made an able and scholarly address on "The Liberian Scholar."

Since 1900, exclusive of American aid, Liberia has raised for the support of Liberia College from piassava alone \$97,188.47. The smallest amount from this source was in 1904, \$15,460.33, which is \$128.83 per student.

Scholarships.—One of the best things done by Liberia on the reopening of Liberia College was the establishment of scholarships to perpetuate the names of those rendering distinguished services to the college and the Republic. Among the number

<sup>&</sup>lt;sup>a</sup>African Repository, vols. 39-41, p. 193. Address of Dr. G. W. Gibson in 1900 on the occasion of his Inauguration as President, p. 25.

b African Repository, vols. 39-41, p. 88.

is the "Gordon Memorial Scholarship," in memory of the English lieutenant who in 1822 sacrificed his life for the colony. There is one to the memory of Hon. John Payne, who first formulated the idea resulting in the college; one named after the distinguished jurist Hon. Simon Greenleaf, who led in the consummation of the idea, and still another after Hon. George Briggs, who labored with him. Senator Alfred B. King proposed one to Rev. John B. Pinney, who gave for the settlement of the colony the best years of his long and eventful life. It is impossible to give all the great names associated with Liberia College or to recall all her eminent sons who have distinguished themselves in the highest services of the church and state. It has had among its presidents the Hon. J. J. Roberts, the first President of Liberia; the Rev. E. W. Blyden, the African scholar; the Rev. G. W. Gibson, ex-President of Liberia, and Dr. R. B. Richardson, its present President. Among its distinguished graduates are the Hon. J. E. Moore, ex-secretary of state; Senator A. B. King, the first orator of Liberia; the Hon. T. W. Havnes, ex-attorney-general; Dr. R. B. Richardson, president of Liberia College, and the Hon. Arthur Barclay, President of Liberia. The institution has rendered to the Republic the most valuable services and is destined to render still more in the future.

### XVII. OTHER SCHOOLS IN LIBERIA.

*Presbyterian schools.*—The writer is reliably informed that at one time the Presbyterians maintained in Liberia a class of schools which exercised a very wholesome influence upon the educational life of the Republic. Among their chief schools was the Alexander High School located at Monrovia, and afterwards transferred to Clay-Ashland. At the present time they have no schools in Liberia.

Baptist schools.—At this writing the Baptists in Liberia have only three schools, and Hon. D. E. Howard, secretary of the treasury, states that one of them is now supported by the general public, although the Baptists are in the majority and control its management. They have a parish school at Edina, and Reeves Institute at Fortsville, Bassa County, the latter being partly supported by the public. The work done is similar to that done in the high schools of Liberia. In connection with the institute there is a military department. They also have another school, Rick's Institute, at Kia-Poo, Montserrado County. This institute has not been in operation for the past two or three years, but arrangements were madé for reopening it at the last session of the Liberia Baptist Missionary and Educational Convention.

African Methodist schools.—The African Methodists have no schools at present in Liberia. Through the efforts of the Rev. Dr. L. C. Curtis, an industrial school has been built at Arthington, on the St. Paul River, and will be opened soon.

Lutheran schools.—The Lutheran Church has some schools in Liberia. They are confined to Montserrado County and are in the Muhlenburg Mission work. The writer has been unable to get such a report as he desired, but it is known that they have 6 schools, 11 teachers, and 144 pupils. The work is entirely among the native Africans. The mission is about 45 miles in the interior. The schools are exercising a wholesome influence, as parents still farther in the interior have children there.

### XVIII. INDUSTRIAL EDUCATION IN LIBERIA.

Liberia is joining other nations in the recognition of industrial training. Industrial education was no doubt first introduced in Liberia through the mission schools. In some of the Methodist schools an opportunity is given for industrial training, namely, in the White Plains Industrial School, the Sinoe River Industrial Mission, and the College of West Africa. In the White Plains School, during the time of Superintendent John Seys, there was a sawmill from which lumber was supplied to the colonists; and enough sugar was produced not only to meet the demands of home consumption, but much was exported to the United States during the civil war and later. Now the students are taught building, woodwork, masonry, brickmaking, farming. and the cultivation of cotton, ginger, and rubber. At the Sinoe Industrial Mission training is given in carpentry, building, and farming, very much the same as at White Plains. In connection with the College of West Africa there is a printing department, under the management of Mr. F. M. Allen, in which printing is taught. The success of this department is attested by the excellent job work done, and the work on the "Liberia and West Africa" and other papers printed in the office. Most of the work is done by native Africans. In the college proper the girls are trained also in domestic economy, housekeeping, dressmaking, fancywork, and kindred arts, under the supervision of Mrs. M. A. Camphor. Under Prof. W. F. Hawkins, the acting president of the college, the general work of the school for 1904 has been most satisfactory.

In the Protestant Episcopal schools industrial training is given at the four chief centers of education. At Epiphany Hall education is given in farming, including the cultivation of coffee, cotton, and rubber. During the five years just closed under Prof. P. O. Gray, great progress was made in the industrial department. Students were given an opportunity to learn printing and the carpenter's trade, and by rice cultivation the consumption of foreign-bought rice was reduced from 40 to 45 bags per month to 22 bags, and the coffee farm was made to yield from 3,000 to 4,000 pounds per annum.<sup>a</sup> There is, at St John's School, Cape Mount, an agricultural department, in which rice is raised with success, and efforts are being made to secure facilities for teaching other industrial arts. In connection with the Giri's School at Mount Vaughan, and the one at Clay-Ashland, the students are given "an ordinary education together with those arts essential to good housekeeping." The Right Rev. Bishop S. D. Ferguson, speaking of the former, said: "In this manual labor work, as well as in the art of needlework, there was much to be proud of and which reflected much credit upon the teacher." b

As far as the writer has been able to ascertain there is not as yet much industrial training given in the purely Liberian schools. At Rick's Institute, at Kai-Poo, the work consists chiefly of the cultivation of coffee, which has not been permitted to decline, and the farm yielded 3,000 pounds in 1902, 1,600 in 1903, and 1,400 in 1904. A most excellent printing department has been fitted up at Liberia College, and other industrial work is to be introduced later.

## XIX. LIBERIA A NEW COUNTRY.

In all new countries the paramount question is the development of their natural resources. This can only be done by industrial education for the youth of the country, or by the immigration of those already skilled in the mechanical arts. The phenomenal growth of the United States owes much to the skilled workmen who, having served their apprenticeship in Europe, came to America and entered upon the conquest of a mighty continent. It is a matter of the first concern that the resources of a new country be explored or they can never be utilized for the comfort and happiness of its citizens. It is the industrially trained who discover the wealth of mine and wood, and who compel nature to yield to man the varied treasures of her riches.

Liberia is a new and undeveloped country. Its resources are not only untouched but unknown. It has about 1,475,000 native Africans, divided among the Kroo, Grebo, Bassa, Pessey, Bundie, Balie, Golah, Cossa, Vey, Mandingo, and other tribes. Some of these tribes have men possessed of great knowledge concerning the medicinal qualities of plants, herbs, and roots. The industrial products of the Mandingoes represent a varied use of natural resources and indicate a high order of industrial skill. A slight acquaintance with their capacities creates a strong temptation to enter upon a description of their industrial arts. I have been able to secure many products of them, to add to the collection at the National Museum in Washington, from the simplest article of decoration and dress to the most useful in industrial and domestic

a Retiring address of Prof. P. O. Gray, 1904. b Report for 1904.

work. With industrial training all of these tribes, possessing different degrees of natural capacity, might be led in a successful conquest of Liberian territory, resulting in a financial independence of the Republic which can be secured in no other way.

### XX. THE FUTURE OF LIBERIA.

That progress is most permanent which has the strongest economic root. It is because Dr. Booker Washington understands so well the philosophy of economic equipment and industrial life that he is performing a service to the American negro and the nation that ranks him among the great men of any age. The future of Liberia is indissolubly bound up with the industrial differentiation and development of her native population. The story of the courage, suffering, sacrifice, and death displayed in the planting of Liberia in West Africa is one of the most interesting chapters in the birth and growth of States. The assimilation of native Africans numbering sixty times the population of Americo-Liberians is the greatest problem of Liberian civilization. Every effort is being put forth by the present administration to secure the cooperation of the tribes for the development of the interior and the achievement of a common destiny. The magnitude of the task is great. But with the lapse of years more and more each generation will appreciate the importance of these native peoples. Assimilation is slowly taking place, and if Liberia is left unimpaired by the ambitions of designing States her influence for the civilization of Africans in Africa can not be measured now.



# CHAPTER VIII.

# AN ACCOUNT OF THE PROCEEDINGS OF THE INTERNA-TIONAL CONGRESS FOR THE REPRODUCTION OF MAN-USCRIPTS, LIEGE, AUGUST 21–23, 1905.

By CHARLES MILLS GAYLEY, United States Delegate to the Congress.

### Ι.

In the earlier part of the year 1905 the Belgian Government, through its minister of the interior and of public instruction, M. Jules de Trooz, invited the governments and libraries of the world to participate in a congress for the reproduction of manuscripts, coins, and seals, to meet in Liege August 21 to 23 of that year.

This initiative was taken as a consequence of a series of efforts long making for the preservation of historical, philological, scientific, and artistic monuments against the perils of decay, mutilation, theft, and fires, by reproducing them and manifolding them in facsimile. Not only, it was urged, would such provision avert the further destruction of the materials of scholarship, as by the recent conflagration at Turin, but it would facilitate the pursuit of original research for countries and students far removed from the few great depositaries of these sources of human knowledge. The following account of the congress will deal specially with the reproduction of manuscripts.

The United States of America appointed as its delegates to the congress President Angell, of Michigan; Dr. Herbert Putnam, the Librarian of Congress; Dr. J. S. Billings, director of the New York Public Library; Prof. Morris Hickey Morgan, of Harvard, and Prof. Charles Mills Gayley, of the University of California.

The congress was placed under the patronage of M. de Trooz and of M. Gustave Francotte, the Belgian minister of industry and labor. Its announced aims were two: First, to study all questions of theory and technic bearing upon the reproduction of manuscripts, coins, and seals; second, to effect an international understanding for the practical realization of the resolutions of the congress.

The congress was held in the deliberative chamber of the provincial council of Liege.

The proceedings were opened at 4.30 on August 21 by the report of the secretary of the Belgian committee of organization, the well-known Bollandist, Father van den Gheyn, keeper of manuscripts in the Royal Library of Brussels, on the course of the present movement and its importance for the scholarship of the future. The minister of instruction was represented by a letter, which outlined with no slight tact the courses and ideals open to the congress; and the reading of this was followed by an address of welcome from the genial and beloved president of the organizing committee, Professor Kurth, of the University of Liege.

The roll call disclosed the presence of some 80 delegates, some representing libraries and some governments.

Among the delegates were MM. Van der Haegen (chief librarian of the University of Ghent) and H. Hymans (director of the Bibliothèque Royale of Brussels), honorary presidents; Comte Thierry de Limburg-Stirum, Pirenne, and Gaillard, vice-presidents; Bayot, Stainier, and Tourneur, assistant secretaries of the organizing committee; the delegates of governments—Doctor Brambach for the Grand Duchy of Baden: G. Leidinger for Bavaria; Lange and Thiset for Denmark; Gayley for the United States of America and the American Library Association; Marcel, administratorgeneral of the Bibliothèque Nationale, Paris, and Omont, keeper of manuscripts in the same library, for France; Feyerpataky for Hungary; Gillon for Italy; Carlier for Portugal; Dom U. Berlière for the Vatican; Loriquet for the city of Rouen, and Dognée for the Royal Historical Academy of Madrid; as well as representatives from Germany, Holland, Sweden, Switzerland, Roumania, and Russia. Also present were noticeable Bergmans, of the University of Ghent; Chanoine Cauchie, the distinguished professor of ecclesiastical history at the University of Louvain; Émile Chatelain, member of the French Institute and director of the library of the Sorbonne; Barons J. de Bethune and de Chestret de Haneffe; Viscomte de Ghellinck-Vaernewyck; Mgr. Stan. le Grelle, of the Vatican Library; Fayen, of the Belgian Institute of History in Rome; Longuet, of Paris; Lundstedt, keeper of the Royal Library of Stockholm; Dom Germain Morin, of the Abbey of Maredsous; Prof. Maurice Prou, of the École Nationale de Chartes, Paris; Sury, of the University Library at Brussels; Van de Casteele, keeper of State archives, Liege, and Paul van den Ven, of the French school at Athens. Letters of regret were received from MM. de Trooz, Francotte, Léopold Delisle, Comte Durrieu, S. de Vries, Salomon Reinach, and others.

In the election of its presiding officer the congress was fortunate. M. H. Omont, member of the institute and keeper of manuscripts in the Bibliothèque Nationale of Paris, represents the most liberal of bibliographical methods and ideals, speaks and rules with authority and dignity. As vice-presidents were chosen MM. le Vicomte de Jonghe, Gaillard, Gayley, Hymans (director of the Bibliothèque Royale of Brussels), Kurth, Salomon Reinach, and Von Weech, of Carlsruhe.

M. Omont, having taken the chair, delivered a presidential address, in which he paid the proper tribute to Belgium for her initiative in the congress; he recalled the fact that to this country was due, as much as three centuries ago, the first attempt at manuscript reproduction by engraving, and that this attempt was made by one of the founders of the Society of Bollandists, so worthily represented in the present congress by the devoted secretary-general, the Rev. J. van den Gheyn. M. Omont then presented a brief sketch of previous efforts toward the reproduction of manuscripts, and expressed the hope that this congress might reach some satisfactory solution of the problems involved.

The ordinary sittings were held in two sections, one of studies with Brambach, of Baden, and Prou, of Paris, as chairmen; the other of technique, with Chatelain and Feyerpataky as chairmen; the resolutions adopted by the sections being, of course, subject to the action of the general congress at its closing session. Though most of the papers had already been put into print and were in the hands of the delegates, each writer was given an opportunity to enlarge upon or justify his conclusions, and the discussions were by no means perfunctory.

The scope of deliberations appears from the principal papers presented and discussed in the section of studies. Paul Bergmans, of Ghent, read an account of the previous attempts at an entente internationale for reproducing manuscripts. Maurice Prou discussed the actual condition of facsimile reproduction of maps and other official documents. A paper was presented by M. van den Casteele, of Liege, on the utility of facsimile reproductions from the point of view of official examinations of public records. Father van den Gheyn gave a detailed bibliography of Belgian manuscripts desirable to be reproduced, and Xavier de Cunha, of Lisbon, reviewed the legislation of Portugal with regard to the making of manuscript facsimiles. Bayot, of Brussels, did for manuscripts, principally literary, what Prou had done for rolls, archives, and State papers; and Gayley and Sury (librarian of the University of Brussels) discussed methods for the organization of an international bureau, the former for the reproduction of manuscripts from the American point of view, the latter for a system of exchange of facsimiles.

Of these papers, that of Paul Bergmans was of so great importance for the history of the movement, as well as for its future, that the author of the present article has taken it as the basis of the following outline. Such occasional contributions from other quarters as have come to his knowledge he has, however, incorporated, with reference to their respective sources.

## Π.

The first suggestion of an international agreement for the reproduction of manuscripts of value seems, according to Bergmans,<sup>a</sup> to have been made by the late Doctor Hartwig, director of the University Library at Halle. His project was communicated to the International Congress of Librarians held at Chicago in July, 1893, somewhat as follows:

I propose that you found a society which shall aim to manifold by photographic processes the manuscripts of first rank in the world. As headquarters of the administration of this society I venture, in order to preclude national rivalry, to recommend the University Library of Leyden. The director of that library, Dr. W. N. du Rieu, is a highly and widely esteemed librarian and scholar, and his institution is of ancient standing and centrally situated for international resort. Herr du Rieu has indicated his willingness to accept the management of this enterprise if requested by you to do so. With the director of this society, to whom, of course, the handling of the funds should be instructed, would be associated a board consisting of the heads of the principal libraries of Europe and America. I would to that end suggest the head librarians of Berlin, London, Paris, Vienna, of the Laurentian at Florence, and the Vatican at Rome. If the administration would not be embarrassed by too large a body of advisers, I should suggest also the election of the head librarians of Munich, Oxford, and St. Petersburg. This directorate would be commissioned to make the selection, in accordance with the judgment of its leading members, of the manuscripts to be reproduced, to secure from the libraries affected permission to photograph their manuscripts, and to determine the annual order of publication. As yearly subscription for each member of the society, I should propose the sum of 100 to 150 marks. As soon as 100 members have subscribed, the society would be founded.<sup>b</sup>

For lack of time the congress of 1893 could not discuss this project. It referred it to the Association of American Librarians, but that body took no definite action.

Du Rieu, however, promptly assumed responsibility for the enterprise, and in March, 1894, published an article in the Revue des bibliothèques submitting the question to his European colleagues.

There are [said he] in every library manuscripts so precious that it would be a crime to subject them to any of the perils of travel. Of each of these codices it would be wise to make a definitive photographic copy, which should be preserved carefully in some place other than the library containing the original, and which could be loaned; or, if 100 universities would consent to a subscription of 150 frances per annum, we could make an autotypic reproduction of which each library should receive a contributor's copy.

copy. I have before me a series of responses from several of my honored colleagues, and the moment seems to me to have arrived for opening in Europe a discussion of this novel manner of supplying scholars with those treasures in our depositories which we regard as altogether too precious to allow out of our immediate keeping. It seems that the library of Leyden, because of my announced convictions and its well-known treasures, as well as on account of its geographic position, is the center designated for this international association. Before sending out a mass of circulars to the individuals concerned, I should like to read in this Review the pros and cons of this enterprise. I have no doubt that the discussion will reveal more difficulties than I recognize at the present moment.

a Les tentatives antérieures d'entente internationale pour la reproduction des manuscrits, Brux.: 1905.

<sup>b</sup> Quoted by Bergmans from Centralblatt für Bibliothekswesen, 1893, pp. 415-416.

Du Rieu then proceeds to enumerate a series of questions as a basis for exchange of opinion. The value of photographic reproduction of manuscripts being granted, how large should be the edition of each—one, two, or a hundred copies? Can we be sure that the photographic paper will last? If so, does science demand that each central university shall possess an exemplar of the best manuscript of, say, Demosthenes or of Plato, of Livy or of Cæsar? For palæographical studies the reproduction of the manuscript complete would, of course, be more agreeable and useful than that of a single page, such as furnished of late by the Palæographical Society, by M. Omont for famous Greek manuscripts and M. Chatelain for the best manuscripts of Latin authors, but would not the enterprise be too costly even if limited in each library to a single manuscript each year? Do not the facilities of travel by rail and of photography by independent effort render unnecessary the reproduction in full of a manuscript of 100 pages or more in hundreds of exemplars? Do the repeated editorial collations of manuscripts leave so much yet to be desired as to warrant the expense entailed in the making of 200 or 300 negatives for photographic facsimiles?

Since the enterprise [concludes Du Rieu] must assume an international character, I should like to see all the responsibility for the reproduction of a manuscript confided to the director of the library providing that manuscript for photographic publication; he will readily find in his city a studio capable of the work required; he will charge himself with the binding and the transmission of it, and the expenses will be paid *cn bloc*. I can not contemplate subjecting hundreds of negatives to the dangers of travel. The facsimiles thus produced may present some divergence of execution, but are not the originals themselves divergent? The question of price will also rest with the individual studio, but always under the guaranty of the bureau of the society, consisting of the heads of the great collections at Paris, London, Rome, Vienna, Berlin, Florence, and Brussels.

As to the field, a question still remains: Shall it be merely of the Greek and Latin manuscripts or shall illustrated codices and miniatures of interest in the history of art be included in the scope of the enterprise?

Such is an outline of this summons to collaboration. It failed of success, possibly because it was ahead of its time, probably because it was too timid. The very questions raised by the author leave room for a possibility of doubt as to the fundamental utility and expediency of the undertaking. No scholar, nowadays, would regard the questions as points at issue. It is difficult to imagine any variance of opinion even in 1894. Photographic processes and materials alike had passed already beyond the experimental stage, and had indicated the path of improvement in the future; perfection was conceivable at any moment that might be called the present. The research schools of the New World were already securely established and were daily more and more conscious of the inaccessibility of *originalia*, of the untrustworthiness of reprints though never so frequently or carefully collated, and of the costs and delays of pilgrimage. It was inadvisable, so late as 1894, to admit excuses on account of which Mahomet should continue to visit the mountain. The part was no more the whole then than now, nor a page of a classic the whole classic, nor independent enterprise enterprise by collaboration. And that the cost of reproduction varied inversely with the size of the edition was known to every tyro.

No responses to the appeal of Doctor Du Rieu appeared in the Revue des bibliothèques. The Bollettino delle pubblicazioni italiane, however, issued by the National Library of Florence, printed, in the number of September 15, 1894, an article approving the enterprise and expressing hope of its speedy realization. In 1895 Du Rieu addressed a circular to his colleagues lamenting his inability to secure more than 35 unqualified adhesions, at \$30 a year, to the proposed society. He says that possibly 50 subscriptions might be secured, but that since 100 are not forthcoming, he finds himself obliged to renounce the task which, on the invitation of his many colleagues-and in the interest of learning, he had undertaken. "We cherish," he writes, "the confident hope that some day or other our project will be revived with more fortunate results. Meanwhile we shall console ourselves if the publishers of facsimile reproductions, to whom we already are in debt for work of great utility, may find a way to harmonize their interests with those of librarians whose resources are unfortunately so inadequate.'2 To Du Ricu honor is due, not only for his strenuous though unsuccessful efforts, but for the faith expressed in this, almost his last, contribution to a cause which already in the lifetime of his immediate successor at the Library of Leyden. Dr. Scato G. de Vries, appears to have arrived within measurable reach of fruition. If his withdrawal had been deferred for even a brief period, the discussion of his project would have proceeded more to his taste; for several articles in response to his summons, says M. Bergmans, had already been accepted for publication by the Centralblatt für Bibliothekswesen. During 1896 and 1897 the admirable reproductions of Greek and Latin manuscripts issued by Sijthoff of Leyden at the instigation of Du Rieu (who died in 1896) and by libraries such as the Laurentian, the Vatican, the Nationale of Paris, the British Museum, and the Bodleian, contributed not a little, by their example, to the recognition of the possibilities and advantages of work in facsimile and lent no insignificant' stimulus to the movement toward centralized effort. A complete list of these facsimiles—of the Oxford-Paris Plato, the Heidelberg Plautus, the Venetus A. Iliad, the Laurentian Tacitus, the Ambrosian Terence, etc.—is easily accessible.<sup>a</sup> Since they were the outcome not of international but of private enterprise it is not necessary to dwell upon them here.

In 1897 the admirable reproductions by collotypic processes made in the Bodleian Library and the British Museum attracted the attention of an American professor, Charles Mills Gayley, of the University of California, who, like many another before and after, was spending his sabbatical year of vacation in copying and collating texts for a series of volumes which he proposed to edit after his return to America. He had for some time felt that one of the most serious drawbacks to scholarship in America was the lack of the original manuscripts and the unique folios and quartos necessary to historical, literary, and certain kinds of scientific research. Since these were jealously guarded in the libraries of the Old World, whence they could be removed neither for love nor money, American professors, students, and scholars of all kinds found it necessary to travel thousands of miles and to spend thousands of dollars for the purpose of consulting them, as well as to devote months or years that might be more creatively occupied to the mechanical copying or collating of them. The consideration of these facts led him to inquire of the British Museum and the Bodleian Library whether permission might be obtained by an American institution to reproduce their manuscripts and early printed books in facsimile. Being answered in the affirmative, he drew up at that time and presented to the regents of the University of California a plan for a bureau which should have for its purpose "the systematic and continuous republication in facsimile of such manuscripts and books in European libraries as can not otherwise become the common property of investigators and students; this republication to furnish the world of scholars with facsimiles as nearly as possible at cost price, according to the demand for them, and to supply the institution conducting the enterprise with a copy free of charge of each work reproduced."

In this memorial to the board of regents of his university he said, further:

Such an output of facsimiles would be an advantage to all schools of advanced research. On the one hand, the institution in charge would constitute a central and complete library of facsimiles; on the other, not only American but also foreign investigators and institutions of learning would henceforth be able to obtain at a reasonable price duplicates of whatever originals were in a demand sufficient to warrant their reproduction. Such systematic reproduction of unique manuscripts and rare printed works would materially benefit the civilization of the future, both because it would disseminate what is now confined to one or two centers of learning and because it would obviate, through this multiplication of copies, the possible loss of scientific and literary material by the destruction in part or whole (as formerly at Alexandria) of any one of the famous Old World libraries. The bureau, focusing information con-

<sup>a</sup>A Bayot, L'État actuel des publications de facsimile de manuscrits, Brux.: 1905; Gab. Meier, Centralblatt für Bibliothekswesen, 1900, pp. 1-32, 113-130, 191-198, 255-278; II. Omont, Listes des recueils de facsimiles, etc., in the Revue des bibliothèques, 1903, pp. 111-178, etc. cerning the materials of investigation wherever preserved, would immediately take an unprecedented position as a bureau of literary research—a kind of central bibliographical exchange—to which the scholars and universities of the world might turn for information concerning literary, historical, and scientific monuments, as well as for assistance toward the republication of such as might be required in their investigations.

Concerning the necessity for the reproduction and preservation of the unique and perishable manuscripts and printed materials of research no scholar needs to be convinced. But no plan providing for such labor of preservation and distribution in all lines of study, for the world and in perpetuity, has to my knowledge been attempted or drafted. Yet it seems that the method to be adopted is both simple and obvious.

Individual and diverse firms undertaking republication by facsimiles for purely business profit and within narrow limits will not find the demand great enough to support any one of them. Even a central agency attempting the enterprise will fail if it restrict its efforts to one or two specialized subjects, or its sale to a few libraries. But a bureau working for only such profit as shall insure the continuation of the enterprise (providing materials for all libraries, for all lines of research, for all scholars, and at a lower price than individual effort could effect) will find a sufficient and a steady market, for scholars are always in need of the documents of past generations—not, however, in the inaccurate form of reprints, but in that of exact facsimile. The demand will, moreover, increase with the educational incentive of the supply, as universities come to recognize that satisfactory results can be obtained only from the study of the originals or of facsimiles thereof. So far nothing substantial has been accomplished by the European librarians, and nothing will be accomplished until some self-supporting institution, both central and universal, fills the breach and systematically undertakes the function of republication.

The enterprise must be cautiously begun, and from the first for the benefit of all. We should first ask the more prominent libraries and specialists to furnish lists of works the reproduction of which is at present demanded. We should then, by collating, ascertain those most in demand; we should then give an opportunity to the institutions and persons concerned to indicate which of this second list they will engage to take if republished at a price as near cost as possible. This process of inquiry and subscription might be repeated semiannually. The various great libraries will quickly take steps to put their manuscripts in form to be photographed, or will offer them as they are, to be reproduced by such a bureau of republication. The only condition quid pro quo suggested by the British Museum and the Bodleian, in correspondence with me, is that a free copy of each facsimile be deposited in the library furnishing the original for reproduction. According to my proposition one other copy should be deposited in a central library of facsimiles; the rest of each first edition would then be supplied, according to previous demand, contract, and subscription, to the other libraries, universities, scholars, and collectors of the world at such price as should, as nearly as possible, reimburse the bureau. It would, indeed, not be improbable that subsequent editions would somewhat more than reimburse the bureau, for, since the bureau would preserve all plates, it could somewhat advance prices on editions after the first, and so the steady increase of the fund at its disposal, and therefore of its efficiency, would be assured.

It was proposed by Professor Gayley to establish this bureau and the central library under the supervision of the University of California. In 1898 the regents of the university approved the project and appointed a committee, consisting of the president, the librarian of the university, and one member of the board of regents, with the head of the department of English language and literature (Gayley) as director of the bureau, to collect the funds and set the bureau in operation. It was, however, stipulated that no financial obligation should be incurred in the name of the university. The committee were of the opinion that an endowment of \$30,000 would suffice, if handled as a revolving fund; no pecuniary liability being incurred by the bureau for reproductions save on the guaranty of a sufficient number of subscribers for the output. The efforts of this committee toward securing a proper endowment were from the first handicapped by the not unreasonable hesitancy of men of means to embark in an enterprise of which American scholars themselves had not publicly and forcefully asserted the need and permanent value, and for which the masses did not clamor. It therefore appeared best to defer the pursuit of funds until by personal correspondence and the assistance of the public press the university world had been aroused to a realization of the possibilities in this direction. After some six years of missionary campaign the project was fortunate in winning the sympathy of the New York Evening

Post. It will again occupy our attention under date of November 19, 1904, when that journal brought it before the American people at large.

The next formulation of aim and method of importance in the history of this movement was effected by an international conference for the preservation and restoration of ancient manuscripts, which met on the 30th of September, 1898, at St. Gall. The conference was suggested by Fr. Ehrle, prefect of the Vatican Library.

The more important decisions reached were as follows:

1. That a list be prepared of the most ancient and important manuscripts which in all probability are threatened by decay.

2. That specimen photographs be made of these manuscripts in order to establish their condition at the present time.

3. That a permanent committee be appointed and charged with the following duties:

(a) To prepare the list and the specimens provided for in articles 1 and 2 above.

(b) To examine processes of preserving manuscripts, and to recommend the best.

(c) To make public in printed form as soon as possible the processes communicated to the present conference.

(d) To place themselves in correspondence with librarians and technical experts for the execution of these orders.

(e) To make the attempt to secure from national governments the subsidies necessary to attain these results in the interest of science.

The committee appointed for these purposes was composed of Fr. Ehrle; S. G. de Vries, librarian of the University of Leyden; and Zangemeister, head librarian of the University of Heidelberg.

Beyond indicating the lamentable condition of many of the most valuable monuments in manuscript of the literary, historical, and scientific knowledge of the world and suggesting methods of restoring and preserving them this conference attained no practical result, for, according to M. Bergmans, the committee never met. The moral effect, however, has not been lacking. Nay, in the light of what was purposed, but not accomplished, and of the subsequent conflagration at Turin, a melancholy interest attaches to the timely forebodings of St. Gall.

At the congress of librarians, held at Paris in 1900, the aged and highly respected dean of European librarians, Leopold Delisle, administrator-general of the Bibliothèque Nationale, added his voice to this succession of warning and appeal. As president of the congress he called attention to the dangers that beset the most beautiful and precious manuscripts at the hands of students only too often careless in the extreme.

He called for phototypic reproductions of the more important treasures—not difficult of selection and location—which might be substituted for the originals as material for research. He pointed out that editions de luxe, such as the Sijthoff Horace and Homer and the Vatican Virgil, were too expensive for such an end; that facsimile reproductions in octavo or small quarto, such as those prepared by la maison Berthaud and displayed in the Mazarin gallery, would well serve the purpose. He cited the wisdom of the keepers of the French national archives, who had thus already placed beyond danger of total destruction certain literature written upon crumbling papyrus, and he commended the subject as a whole to the consideration of the Congress.

Once more the consideration of concerns apparently more immediate precluded action upon this, the most pressing and practical of all.

Some catastrophe to the priceless and perishable remnant of a literary first-born, some irremediable loss to the humanitics, such as had been apprehended by successive apostles of systematic reproduction by facsimile, seemed to be the sad and only means of shocking the world into a realization of what should have been averted, of what must yet be precluded from possibility of recurrence. On the 25th and 26th of January, 1904, the Royal University Library at Turin was well nigh reduced to ashes; and the world is still trying to discover how much of its history has gone up in smoke. Of Greek manuscripts alone 401 were destroyed, and much material of information concerning medieval life and letters irreparably lost. The experts are giving thanks whenever the small privilege is accorded them of identifying and cataloguing the titles of "Arabic, Persian, Turkish, and Hebrew parchments as these lie in their own ashes." The united academies of France and Germany mourn the records of the year 1236, which they just too late were planning to reproduce and publish. The world regards with gratitude the few scholars who, like Krumbacher, had had the foresight painfully to copy and collate here and there a treasure which henceforth will be accessible in that copy alone.

In the French Academy of Inscriptions and Belles-Lettres Paul Meyer expressed at once his regret that more of the vanished treasures had not been made current by reproduction, and his satisfaction that even a few, such as the text of the chronicler Haytoun and the beautiful manuscript with miniatures of the Hours of Turin had been saved in facsimile by the efforts of the academy. Salomon Reinach called the attention of his fellow-academicians to the fact that it was the duty of science, of governments, and of academies, to take measures to photograph documents of the first rank. If the catastrophe of Turin could produce this result there would be in it some melancholy consolation for the regrets mingled with remorse which the scholarship of Europe now experienced because of the irremediable disappearance of so many historical sources and works of art. M. Dieulafoy, agreeing with M. Reinach, urged the academy to represent to the minister of public instruction the necessity of coming to an immediate decision favorable to the proposal for national assistance in this matter of reproduction. On the 2d of February, 1904, the Chamber of Deputies was accordingly memorialized upon the subject, and the following resolutions were introduced:

1. A special appropriation of 100,000 francs shall be placed at the disposal of the minister of public instruction for the photographic reproduction of the principal manuscripts preserved in the great libraries and national museums of France.

2. The Academy of Inscriptions and Belles-Lettres is commissioned to effect the execution of these reproductions in such way as shall best subserve the interests of art and science.

Since the day is not far distant when a similar appeal will be made, if not to the Congress of the United States, at any rate to some American capable of endowing an institution of similar scope and aim, the reasons accompanying this proposition are subjoined.<sup>a</sup> The resolution was referred to the commission du budget, and, though nothing has transpired up to the present, it is still to be hoped that a favorable report may result.

We now return to the American project, which in detailed form, and with suggestions on method and cost, and a specimen list of manuscripts and unique printed texts deserving of reproduction, was published by the New York Evening Post on the 19th

a From Bergmans, p. 13: Documents parlementaires de la Chambre des Deputés, 1904, p. 63, annexe No. 1479:

Messieurs, les richesses inestimables conservées dans nos musées, des trésors précieux pour l'histoire

Messieurs, les richesses inestimables conservées dans nos musées, des trésors précieux pour l'histoire et la science, sont cxposés à disparaitre entièrement par suite d'un sinistre toujours possible. L'incendie récent de la Bibliothèque royale de Turin remet une fois de plus en relief la nécessité de prendre toutes les mesures susceptibles de diminuer les risques de destruction définitive qui menacent sans cesse tant de riches monuments de notre gloire nationale. Sans doute, des précautions sont minutieusement prises pour éviter les désastres et des gardiens vigilants sont continuellement en éveil; malgré tout, un incendie peut se déclarer d'un moment à l'autre. Il importe donc que nous mettions à profit les moyens capables de préserver d'une ruine complète les documents, si intéressants pour le présent, que nous ont transmis les générations du passé. La photographie nous perret de créer une réserve de reproductions qui rendrat moins fâcheuse pour nos savants la perte des plus importants manuscrits originaux recueillis dans nos principales bibliothèques.

bibliothèques.

C'est pour assurer ces reproductions, rendues faciles par les progrès de la photographie, que nous vous demandons de voter la proposition de loi suivante.

of November, 1904. As before, the author, Gayley, calls for an endowment for contingent expenses and a revolving fund (to be applied strictly in the supply of such demand as may be guaranteed by a number of subscriptions sufficient, on the one hand, to meet expenses, and, on the other, to furnish each subscriber with facsimiles approximately at cost). He points out that with the cooperation of universities, libraries, and learned associations in Europe, America, and the colonies not only will a steady market be assured, but also the continuous judgment of experts concerning the documents most necessary to be reproduced. He repeats his suggestion of an international bureau of literary research, to be situated, with a central library of facsimiles, at some focus of intellectual activities; but this library (equipped with at least one copy of each facsimile reproduced by the American enterprise, and with copies, obtained by exchange, of whatever is reproduced by European enterprise) appears now not as an affair attached to any single university, but as a cooperative and national institution.

Indicating to what extent expenses may be reduced by cooperation, he says:

A calculation on the basis of a 50-page quarto in the Bodleian library and of the advertised rates of photographic reproduction (collotypic) as now practiced by the Clarendon Press, Oxford, shows that we could secure 100 copies of the quarto at a cost price of \$2 each copy, whereas an individual undertaking to secure one such facsimile would have to order an edition of at least 20, each of which would cost him \$5. To secure his one copy at \$5 he would, in other words, have all the labor of the enterprise and the responsibility of disposing of the 19 superfluous facsimiles. The bureau, however, could sell at a gross profit of 50 per cent or even at 100 per cent and still undersell the individual competitor. This is an example on a small scale. One hundred facsimiles of such a work as Homer's Iliad would cost us at least \$2,000. And so on, upward and downward.

The expenses of the proposed bureau are summed up as follows:

1. The payment in advance of the republishing press employed; for the present the Clarendon Press, Oxford; later an independent equipment of our own capable of undertaking this work in all libraries and museums.

2. The payment of a special agent to administer the details of the business, to report orders to the bureau, and arrange for the transmission of books, and keep the minutes of the board of directors.

3. Office rent, store rent, and ultimately rent of a fireproof storehouse.

4. The expenses of correspondence and such other incidental costs.

5. Expense of clerks for cataloguing, indexing, etc.

6. The expenses of general supervision and such other compensation as may be advisable and necessary, proportionate to the time, effort, and skill demanded by the direction of the enterprise.

These are expenses each of which will grow with the extension of the operations of the bureau; but with that extension there will grow the ability to meet the cost.

To reduce the thing to a practical basis—supposing that it were deemed advisable to commence by republishing 20 important manuscripts or unique prints, \$20,000 would be sufficient on the following calculations:

100 copies of each of 15 old English plays and other literary rarities, at \$200 \$3,000	)
100 copies of each of 5 classical manuscripts, e. g., "Iliad," at \$2,000 10,000	)
100 copies of each of 5 historical manuscripts or prints, at \$1,000	)
100 copies of each of 8 scientific manuscripts, at \$250	)

For contingent expenses an additional 5,000 would be sufficient. A sum of 25,000 would suffice to launch the enterprise and make known its possibilities. This would constitute a revolving fund for the charges of republication. Thereafter it is estimated that the current expenses and the establishment of a reserve to meet necessary payments of cash in advance of the returns from the subscribers for the series would amount to \$10,000 per annum.

That is to say, a cash endowment of \$25,000 is to be desired and a capital fund (say of \$200,000 to \$300,000) so invested as to produce an interest of \$10,000 per annum.

This communication was strongly backed by a leading article in the same issue of the Evening Post, in which Prof. Hammond Lamont commends the project to the consideration of American scholars, and calls for correspondence with a view to practical cooperation on the part of scientific societies, libraries, individual scholars, and bibliophiles. "Cooperation among the institutions and persons most interested is the first step," says he. "Financial backing is the second. The first would, we believe, inevitably lead to the second. \* \* \* Here would be an extraordinary opportunity by a single stroke to confer upon scholars of all races and for all the future a great boon." Numerous letters of comment and approval were received by the Evening Post and printed during the ensuing months. Among the rest, from Herbert Putnam, Librarian of Congress; Dr. James H. Canfield, librarian of Columbia; H. L. Koopman, librarian of Brown; G. W. Harris, librarian of Cornell; Asst. Prof. Charles Upson Clark, of Yale; George Parker Winship, librarian in Providence; E. A. Richardson, librarian of Princeton; Mrs. Z. A. Dixon, librarian of the University of Chicago; Profs. J. C. Rolfe and Felix E. Schelling, of the University of Pennsylvania; Bishop Henry Codman Potter, of New York; Worthington C. Ford, of the Library of Congress; Profs. Arley B. Show, Clyde A. Duniway, E. D. Adams, H. L. Cannon, Max Farrand, and H. R. Fairclough, of Stanford; Profs. C. H. Grandgent and M. H. Morgan, of Harvard; Azariah S. Root, librarian of Oberlin; President James B. Angell, Prof. M. L. D'Ooge, and Prof. Fred Newton Scott, of the University of Michigan; Profs. Alexis F. Lange, W. A. Merrill, and G. R. Noyes, J. C. Rowell, librarian, and Messrs. Alfred Emerson and Walter Morris Hart, of the University of California; David H. Browne, a metallurgist of New York; Prof. A. V. Williams Jackson, of Columbia; Prof. William M. Sloane, of Columbia; Profs. F. I. Carpenter and R. G. Moulton, of Chicago; President Harper, of Chicago; President Schurman and Profs. J. W. Jenks and J. M. Hart, of Cornell; Prof. T. W. Hunt, of Princeton; Profs. Tracy Peck and G. B. Adams, of Yale; and Prof. A. R. Private letters commending the enterprise were received Hohlfeld, of Wisconsin. from Profs. Calvin Thomas, G. R. Carpenter, William Sloane, and A. V. Williams Jackson, of Columbia; Gildersleeve and Bloomfield, of Johns Hopkins; William C. Lane, of Harvard, and a number of other scholars.

In the March-April number of the Revue archaeologique, M. Salomon Reinach, discussing the proposal made in February, 1904, to the French Chamber of Deputies, hails with satisfaction the American plan, saying that he had remarked some five years before that the United States had few ancient manuscripts but much money, and that if he were an American he would propose just such a federation of public libraries for the photographic reproduction of manuscripts of the first importance, as was now advocated in the Evening Post. Commenting further upon Professor Gayley's project, he makes the following valuable suggestions concerning process, format, and price:

1º Pour les mss. intéressants par leur contenu, mais qui ne sont pas des œuvres d'art, et pour les exemplaires uniques de livres analogues, il faudrait des reproductions en simili-gravure, dans le format grand in-8°, c'est-à-dire, généralement, une forte réduction; il est inutile de donner de simples documents dans la grandeur des originaux; 2° Pour les mss. ornés de miniatures, il faut des publications intégrales comme celle que j'ai faite, grâce au fonds Piot, des Grandes Chroniques de Saint-Pétersbourg, dans un format qui doit être généralement l'in-4° et par les procédés plus coûteux de l'héliogravure ou de la phototypie; 3° Suivant que les anciennes cartes ou autres feuilles isolées sont ou ne sont pas des œuvres d'art, il conviendrait d'appliquer l'un des deux procédés dont il vient d'être question; 4° Le prix d'aucun fac-similé ne devrait depasser 2 francs le feuillet; il ne faut pas que ce grand projet devienne, entre les mains d'un "avide éditeur," un prétexte à rançonner le public.

That not Americans alone were interested in this project for systematic reproduction of manuscripts was further shown by the adhesion of Guido Biagi, prefect of the Laurentian and Ricardian libraries in Florence, who, writing in the Evening Post of May 10, says:

Mr. Gayley's plan seems to me worthy of the highest consideration, especially by the scholars of Europe. I think that all institutions of learning and all scholars ought to be

interested in the matter, both for the progress and spread of science and for the preservation of the treasures of ancient culture, so constantly exposed to all kinds of peril. I therefore deem it our duty to put this plan into the most practicable form.

Signor Biagi feels that "founding an international bureau to centralize information for these reproductions is highly commendable," and that "an international bureau would probably command resources and secure privileges which might be granted to the investigators of no one nation."

### III.

We now arrive in this history of the movement at the beginning of 1905, when the Belgian Government, through its minister of the interior and of public instruction, took the initiative in the organization of the recent International Congress at Liége. Continuing with the report of the proceedings of that congress—August 21–23—we note that, in connection with the discussion of M. da Cunha's paper on Portuguese legislation concerning the reproduction of manuscripts, submitted to the section on studies on August 22, a lively interchange of thought was evoked regarding the propriety of appealing to national governments for direct financial assistance. The divergence of opinion was so decided that no appeal was resolved upon. Far otherwise with the proposal to call upon the powers for the exercise of moral suasion in the case of libraries which persistently have refused to open their treasures to the makers of facsimiles. As to the desirability of founding a bureau for the reproduction of manuscripts in America and of finding the money by benefaction, if possible, in that country, naturally no difference of opinion existed; and still it was evident that even if such a bureau were to be dependent upon the patronage of libraries, universities, and individuals, a very considerable part of its support (by purchase or exchange of facsimiles) would come from the learned institutions of Europe. Both before and during the congress the delegate of the United States was assured of the hearty cooperation of the leading libraries—the Bibliothèque Nationale, the British Museum, the Bodleian, the Trinity College, Dublin, the Vatican, etc.—in the matter of permitting the reproduction of manuscripts without restriction and on the most liberal terms.

The reports of M. Bayot and Father van den Gheyn, the former on the history and actual condition of publication by facsimile up to the present time, and the latter on the manuscripts of Belgium most worthy to be reproduced, were of the greatest practical value. So also the report of M. Prou on facsimiles of state papers, with its admirable bibliography of reproductions up to date. Unfortunately the limits of this review do not admit of a detailed transcription of their contents, and a mere summary would be futile; but since they are already in pamphlet form and are incorporated in the Actes du Congrès,<sup>a</sup> they will in the future be at the service of individuals and institutions interested in facsimile reproduction. M. Bayot's bibliographical list is, of course, based upon those of Omont, Gabriel Meier, Pirenne, Bourmont, Grand, Prou, etc., but it is more than an ordinary bibliography in its historical execution and its résumé of successive methods of technique. From Father van den Gheyn's selection of manuscripts necessary to be reproduced from the libraries of one little kingdom scholars may obtain a vivid idea of the enormous possibilities of reproduction on a general scale.

Among the resolutions adopted by the congress those of especial significance to the future of American scholarship in the humanities have been already summarized by the author of this report in an article in the New York Evening Post, as follows:

One favoring the formation in every country of a commission composed of specialists for the purpose of designating the manuscripts most desirable to be reproduced in facsimile; another requesting governments to draw up regulations permitting scholars to obtain, on the most liberal terms possible, the reproduction of manuscripts in which they are interested, and providing for the transmission to the various governments concerned of this resolution, together with a list of the libraries, museums, and other depositaries of which the regulations are at the present time in every way satisfactory; a third expressing a desire to see published (a) a list of the manuscripts reproduced in full by facsimile up to the present day; (b) so far as possible, a detailed bibliography of facsimiles contained in collections of specimens; also a sentiment that facsimiles of manuscripts should preserve the format of the originals, appear as bound volumes, and when feasible be printed on both sides of the sheet; furthermore, that while it is not necessary that facsimiles be accompanied by scientific commentaries, they should always be prefaced by a minute description of the originals reproduced and of the process by which the reproduction has been obtained.

The congress passed a resolution unreservedly indorsing the American project and desiring Professor Gayley to take steps to organize in the United States a bureau for the systematic reproduction of manuscripts and other originals necessary to the promotion of research. It designated also, as requested by Professor Gayley and Prof. Salomon Reinach, a permanent international committee for the prosecution of the various interests determined upon or discussed by the congress, composed of the following representatives of the countries concerned: Brambach, of Carlsruhe; S. de Vries, of Leyden; Ehrle, of the Vatican Library in Rome; Gaillard, of Brussels; Gayley, of California; Karabacek, of Vienna; Lange, of Copenhagen; Nicholson, of the Bodleian Library in Oxford; Omont, of Paris; Putnam, of the Congressional Library in Washington; Salomon Reinach, of Paris; Traub, of Munich; and Van den Gheyn, of Brussels. The committee was authorized to add to itself specialists whose assistance may be desirable. An important part of its function will be to lend the weight of distinguished names and expert authority to all efforts of its American members directed toward the establishment of an American bureau of republication and library of facsimiles, also to assist in designating manuscripts most fitting to be reproduced, and in procuring the permit necessary from the libraries or governments controlling the originals. The committee will take steps to execute the resolutions of the present congress and will call another when and where it may seem proper. Paris, New York, and Washington have already been suggested, and one of these three will probably be selected as the seat of the next international convention.

The congress passed also resolutions aiming at closer uniformity and increased facility in the reproduction of maps, coins, and seals, and indicated its approval of certain technical processes discussed and recommended by the section charged with that aspect of the question. In regard to the project of M. Sury for an international bureau of exchange situated at Brussels, it was of the opinion that the end in view could be best attained by an extension of the existing international system of library exchangeto cover facsimiles of manuscripts, coins, and seals.

On the whole, though apparently of interest only to specialists, the resolutions adopted by the congress are of the greatest concern to the scholarship of the New as of the Old World, and it is a cause of especial gratification that so much that is of immediate and practical significance has been accomplished.

The writer of this report presented the question of the feasibility of forming a cooperative bureau of republication to the Association of American Universities which met in March, 1906, in Berkeley, Cal. He believes that an annual subscription of at least \$100 from each of 50 university or college libraries, for value to be received in facsimiles of manuscripts, together with what may be expected from the great libraries, such as that of Congress, and from individual collectors, will suffice to create a working model of both bureau and central library, capable of enlisting the practical interest of some financial benefactor.

# CHAPTER IX.

# THE NEW YORK SECONDARY SCHOOL SYSTEM.

AN ADDRESS BY ANDREW S. DRAPER, NEW YORK STATE COMMISSIONER OF EDU-CATION, AT THE JOINT MEETING OF THE ASSOCIATED ACADEMIC PRINCIPALS, THE COUNCIL OF GRAMMAR SCHOOL PRINCIPALS, THE SCIENCE TEACHERS' ASSOCIA-TION, THE TRAINING TEACHERS' CONFERENCE, AND THE DRAWING TEACHERS' CLUB OF THE STATE OF NEW YORK, AT SYRACUSE, N. Y., ON DECEMBER 28, 1904.

\* \* \* There have been three fairly well-defined steps in the making of American secondary schools: First there was the Latin grammar school of the colonies; second came the academy, which prevailed and flourished from the Revolutionary war till past the middle of the nineteenth century; and, third, the public high school, which has come into its estate in the last half century.

### THE COLONIAL GRAMMAR SCHOOL.

The colonial grammar school took its name and its character from the early cathedral grammar schools and the monasteries. There were not many of them and they were for the greater part both local and temporary. They were in almost every instance fitting schools for the colleges. They did not scatter their affections. Each one was the instrument and feeder of a particular college. They prepared pupils for the college entrance examinations, but they had to go far to supplement the meager instruction received in the home schools or, perhaps, oftener in the homes where there were no schools at all. Of course they observed and inculcated the religious beliefs of the colleges which they supported.

The character of the New England grammar schools at the middle of the seventeenth century will be seen from the statement that "when scholars had so profited at the grammar schools that they could read any classical author into English and readily make and speak true Latin and write it in verse as well as in prose, and perfectly decline the paradigms of nouns and verbs in the Greek tongues, they were judged capable of admission in Harvard College."

At Princeton, a century later, "candidates must be capable of composing grammatical Latin, translating Virgil, Cicero's Orations, and the four evangelists in Greek, and must understand the principal rules of vulgar arithmetic," and this controlled the work of such grammar schools as there were at that time in the middle colonies.

These schools are commonly called "free schools," but they were not wholly free. They claimed tuition fees, depended upon generous gifts which they often secured, and looked to permanent endowments which some of them realized. Often gifts of lands or some special revenues were made by the town. Certainly they were not public in the sense that they were supported by uniform taxation. The term "free school" seems to have been used to designate schools not restricted to a particular class of pupils.

New England led in the formation of these early classical schools, because New England was *New* England. Institutions in New England naturally enough copied institutional life in Old England. The English peasantry had no schools. The English nobility and aristocracy maintained colleges and fitting schools for their own. The grammar schools, like the colleges of which they were really a part, came from the higher classes and were necessarily exclusive. There was a fine aristocracy—indeed, a gifted and, speaking relatively, a learned aristocracy—in New England, and naturally enough

it followed the ways of the mother country. Often it improved upon those ways. The growing spirit of democracy made this particularly true in education.

The Dutch were the first to set up the really free elementary school in America. They brought more democracy with them than the Puritans did. The Pilgrims had more of it, man for man, than either; but there were not enough of them to bring a very great quantity or propagate it very rapidly. Before the English overthrew the Dutch there were many elementary schools in New Netherland. There were only one or two grammar or classical schools. After the English triumphed all of the Dutch schools disappeared. Education was a bone of contention. The English had no disposition to encourage elementary schools for Dutchmen. It seemed perilous to them. In the more than a century from the English invasion to the Revolution there were two, and only two, schools established by the Dutch with the English official approval. Both were grammar schools. The English crown could tolerate Dutch classical schools rather than Dutch elementary schools. That much seemed reasonably safe when the teachers had to be approved by English bishops. One of these schools was as transitory as classical; the other was splendidly persistent, for it merged into Columbia University.

## RISE OF THE ACADEMIES.

There is nothing more interesting in our history, or in any history, than the relation of the democratic to the educational advance. The growth of sentiment and feeling which forced the Revolution was quickly reflected in innovations upon the character of the schools. The colonial grammar schools were pushed down into unoccupied territory from the exclusive institutions of such aristocracy as there was. They were the instruments of a distinct copartnership between church and state. They were commoner and stronger where that copartnership was the widest and the most exact. They were few and weak where that relation was nonexistent or ineffective. But of course until real democracy began to assert itself there were no schools save the exclusive ones provided by the crown and church. With the approach of the Revolution, and resulting from the same causes, new social, ecclesiastical, and political conditions produced a new order of schools. The tendency toward the independence of governmental and ecclesiastical affairs was developing and the close relation between church and state which so long obtained in the Puritan theocracy was weakening. The effect upon the schools was twofold-to make the lower grades of schools the instruments of the democratic advance and to stimulate private and denominational effort in the interest of the old order. The results were the common elementary school, developed more slowly than we are accustomed to think, and also a new institution of much higher grade under private and denominational control, with more exact legal and corporate organization and powers, and not entirely without state largess. The grammar schools did not wholly disappear, but they rapidly decreased in numbers, and such as lived contracted their curriculums and shed their denominational bent. A very few, notably the Boston Latin School, have been adopted by the public and have come down to the present day retaining a distinct classical curriculum. Wherever this has occurred it has been in close association with other secondary schools with wider courses and freer electives.

Even before the Revolution an academy appeared here and there; but it needed independence to settle matters. And independence did settle matters. \* \* \* The elimination of the influence of English politics from the affairs of government in America, the removal of the oversight of the English church over religious affairs in this country, and particularly the distinct enunciation of the entire separation of state and church in the scheme of government which rose above the fires of the Revolution gave decisive impulse to new educational ideas and distinct form and energy to a new manner of school.

The American academy was not a democratic institution, but it was more democratic than the colleges and Latin schools which antedated it. It was as democratic as the hold-over influences or the uncertain political theories of the time would permit it to be. It had an independent legal organization with an independent though perhaps slender endowment and a self-perpetuating control. If it aimed to prepare pupils for college it undertook even more to prepare pupils for life when they were not going to college. Often its work was wider than that of the college itself. It laid new stress on the study of English, including its grammar, rhetoric, and the art of public speaking. It went more broadly into mathematics, including surveying and navigation, and it made important beginnings in the natural sciences. Chemistry and physics were favorite subjects. History was universally taught. Even architecture and stenography got a start. French was very common, and German appears occasionally. If Latin and Greek continued to be upheld they were paralleled by innumerable courses, which were clearly enough of democratic origin, and must surely change the outlook of communities and propagate the democratic principle in affairs. It was attached to the fortunes of no party in politics, and, although it was devoutly religious in spirit, it of necessity came to serve a constituency which was much broader than the membership of any single church. It exacted fees, but commonly far below the measure of its necessities, and its democratic tendencies disposed it to help all it could. It surely needed the aid which the state was disposed to give, and as the state was a democratic one the fact stimulated the democracy of the academy itself.

### THE NEW YORK ACADEMIES.

By the act of April 13, 1787, the board of regents of the University of the State of New York was given the power to charter academies. At the first subsequent meeting Erasmus Hall Academy, now Erasmus Hall High School of Brooklyn, was chartered. At the next meeting Clinton Academy at East Hampton, in Suffolk County, was chartered. In 1794 there were 12 of these academies, in 1809 there were 30, in 1829, 48, and in 1834, 64.

It has been the policy of New York, practically from the beginning, to give aid and encouragement to secondary education. When the elementary school system was developed the State undertook to assure a primary school education to every citizen. It would not support it, but has always compelled every district to maintain an elementary school and has made the stronger districts aid the weaker ones. It has never gone so far as to assure a secondary school to every community by requiring towns or districts to maintain them, but it has gone far to induce communities to establish them by giving substantial aid to such as were established.

In 1790 the State established what is known as the literature fund by authorizing the regents to take possession of certain State lands and apply the rents and profits to aid colleges and academies. In 1813 and again in 1819 the income of funds received from other State lands were added to the literature fund, and in 1827 securities to the value of \$150,000 belonging to the canal fund were added to it. Subsequent legislation transferred annually \$28,000 from the United States deposit fund to the literature fund.

For convenient reference, and because always interesting, I insert here a table showing the distribution of the literature fund to academies in the years 1820, 1830, 1840, and 1860, which will indicate the number of schools, the whole number of pupils, the number of academic pupils, the sums apportioned, and the average amount to each academy. It is as follows:

	1820.	1830.	1840.	1860.
Schools	636 \$2,500	58 4, 303 2, 222 \$10, 000 \$172	118 10, 881 8, 841 \$40, 000 \$339	$160 \\ 28,941 \\ 16,514 \\ $40,000 \\ $259$

\* \* \* The whole number of students reported in academies in 1834 was 5,330, and the number allowed by regents in the distribution of the literature fund, as having pursued the requisite studies, was 3,741; the value of academy lots and buildings was \$390,825; value of other real estate, \$19,722; the value of philosophical apparatus and library, \$21,795; the value of other personal estate, \$139,130; number of books in libraries, 10,145; tuition money for the year, \$73,472; income from permanent funds, \$9,275; amount received from the State, \$12,000; debts due by academies, \$72,137; number of teachers, 217; compensation of teachers, \$68,924.

A study of the subject makes it clear that the regents were discriminating in granting charters. They required satisfactory proof that the institution had sufficient means to support life and perform its work creditably, and they saw to it that it was not likely to flourish at the expense of a previously incorporated institution. This led to applications to the legislature, which were often granted with less care. Between 1819 and 1830 there were more than 40 academic charters granted by the legislature, mostly without conditions. Upon the whole, however, it may be said that the academies of the State had an excellent and in many instances even an illustrious history.

But in time these splendid institutions were forced to give way to another class of institutions more democratic than themselves. About 375 academies were incorporated between 1787 and 1884. By 1884 very nearly 50 had been merged in union schools or had become separate high schools; four or five had been resolved into State normal schools, three or four had served as college foundations, and about 250 had become extinct. A few, after being chartered, were never organized. There are now about 30 of the old-time private or denominational incorporated academies still in existence. During the last twenty years there have, however, come under the visitation and inspection of the regents a large number of modern denominational schools of academic grade, which more than makes good the number of academies reporting in 1884. But the public high schools have come to far outnumber them.

## THE HIGH SCHOOL MOVEMENT.

The academies were the outcome of the best thinking of almost a century of American progress. They were the embodiment of as fine heroisms as ever found expression in any educational institution, and there have been no finer in the world. They were as democratic as the most aggressive democratic spirit of their day could make them. They did a work entitling them to enduring gratitude, because of wide and permanent value. Then, as a prevailing class, they were forced aside by a new class of institutions, which sprang out of fresh and advancing thought, were more democratic, met a wholesome and imperative demand for a wider range of work, had a much wider and more potential influence, and gained new and very different ends.

The academy was an incorporated and endowed institution, though commonly so slenderly endowed as to be transitory. The public high school is supported by taxation, managed by public officers, and more independent and permanent. The high school is free; the academy was as free as it could be, but it lived largely upon fees. The difference appeared in the pupils, in the instruction, in the outlook, and in the measure of stability. The interest of the mass is the best endowment an institution can have. It is even more steadfast than statutes. The taxing power is not so spasmodic as beneficence.

The work of the academy connected with the colleges and had no organic connections below; that of the high school connects with the public elementary schools below and forces the colleges after long centuries of opposing theories to establish relations with the upper end of their courses or waive the hope of preeminence.

The academy was pushed down into unoccupied territory from above; the high school was pushed up into the same field from below. The business of one was to serve the interests that were above but not quite altogether heavenly; that of the other was to help on the broader and more worldly concerns that were below. In time it transpired that with all this in the same territory there was now and then some abrasion.

The function of the academy was to prepare for college and incidentally for life; that of the high school is to prepare for life and incidentally for college. The one was classical with some practicalities; the other is severely practical, and generally in the best sense, with some classical appurtenances. The academy was essentially an advanced school for boys; the high school is as essentially coeducational.

The courses of the high schools have widened out from the old standbys and gone into about everything that can aid one to earn a living. There is mental discipline in study that informs the mind and applies to life.

It is interesting to study the first decisive manifestations of this high school movement. They came in the West—in what was then the West—where there was nothing in the way, where democracy was freer than in thoroughly settled social conditions, and where the masses were doing things on their own account. The movement advanced on lines of least resistance, but when forced it accepted the gage of battle, and when it did it won or drove a mutually advantageous compromise.

The movement from the beginning and always has been strong in the West—in whatever came to be the West. A western village is ashamed to be without a high school. The building is the finest and the most conspicuous in the settlement. It is so in all of the North Central, the Mountain, and the Pacific States. Of course it results in many struggling high schools, but in many more which are as fine as any in the land. And, moreover, they will abundantly take care of a splendid future.

They will do that not so much because of what they are, but because of their buoyant spirit and their universal popularity, because they are everywhere and grow steadily, and because of the relations in which they stand. There are sixteen grades in the free school system in the great West. The continuity of the system from the beginning of the kindergarten to the graduate school in the State university is perfect and the road is open. Certificates of work done in the school below admit to the school above without examination. The inadequacy of a written examination as a test of the knowledge and the power of pupils when the examination is set by strangers who have had no immediate connection with previous work seems to me obvious. The acceptance of certificates helps pupils to go to the university who would not go. It stimulates and steadies all of the schools below. It articulates the whole educational system and gives each part intelligent interest and pride in all the other parts. It does not lower standards in the universities. The tests of university work are as severe and the degrees as exalted as anywhere in the country. Eastern universities try not to believe it, but they will have to open their minds and modify their opinions.

And a further word might be dropped by way of a not over venturesome prophecy. The old line universities which have come to be great may of course continue indefinitely upon old line policies with only very slight modifications. But unless they go further in accepting, not quietly or stealthily, but openly and avowedly, the credentials of high schools of unquestioned standing, unless everyone who has in himself the reasonable possibilities of doing their work has his free chance, unless they guard against letting snippery and second-hand culture give tone to their character and flavor to their doings there will be free public universities in some of these Eastern States before all of us die.

The demand of our democracy for free education to the very limits of human knowledge is aggressive. It has grown more aggressive through the success of the public high school movement and as a result of the influence of high school graduates upon the sentiment of the country. It is going through the land. It is a demand which will have to be treated politely and negotiated with or there will be another issue, which ought to be avoided, between public and private institutions.

The figures concerning the high school movement are as interesting as any figures

are likely to be. Commissioner Harris tells us that at the turning point of the last century there were but 11 high schools with progressive courses continuing from two to four years and covering advanced studies in foreign languages, mathematics, literature, natural science, and history. In 1860 there were 44 of these schools; in 1870, 160; in 1880, 800; in 1890, 2,526; in 1900, 6,005. This remarkable growth has been decisive in every section of the country—the South by no means excepted—but it has at all times been specially noteworthy in the Mississippi Valley States.

### THE NEW YORK HIGH SCHOOLS.

But the advance of the secondary schools in New York is of chief concern to us to-night. From the very beginning of statehood the bounty of the State has gone liberally to these schools; and the return has approved the policy and justified the investment.

What is known as the literature fund, as already stated, was established in aid of secondary education in 1790. The stream made a fine start, and it has gathered volume in its progress. It is but just to say that no other State has anything like such a record. The State appropriation now for this purpose is \$350,000 annually, which is apportioned on the basis of \$100 to each teacher, not to exceed \$250 for approved books and apparatus provided the school supplies a like amount, and a proportionate share of the balance on the basis of attendance of academic students. \* \* \*

In 1822 the legislature passed an act making the trustees of Farmer's Hall Academy in the village of Goshen, Orange County, trustees of the common school district when a majority of the taxable inhabitants of the district should give their consent thereto. An act similar in all respects was passed in 1823 concerning the academy and the common school district at Oyster Bay in Suffolk County. Here was the nucleus of the union school movement.

The first use, certainly the first legal use, of the term "high school" in this State seems to have grown out of the combined, or larger, or the little more advanced school of the Lancasterian movement. In 1825 an act was passed by the legislature incorporating the "High School Society of the City of New York," and in the next ten years a dozen other similar acts were passed. Governor De Witt Clinton gave that movement and this legislation his warmest support. While the institutions here provided for were far from public high schools as we use the term, they were quite clearly the first fruits of the public high school movement. And the charters of at least two or three of these institutions contained the first distinctly recognizable factors of the public high school, for they consolidated school districts, they associated academies and elementary schools together under public management, and they combined classical instruction with instruction in the useful arts.

The act of 1853 contemplated such schools everywhere and for the election of boards of education for their management. These union schools were authorized when there was an academy in their district to make the same the academic department of the union schools upon the consent of the board of trustees of the academy. Thus the process of elimination and absorption went on, and the union schools with the resulting academic departments, and then the independently organized high schools, came to possess the land.

The present number of academies and high schools is as follows:

Academies (incorporated).	102
Senior academic schools	
Middle academic schools.	12
Junior academic schools.	25
Special academic schools	. 3
Total	145

High schools	407
Senior high schools	56
Middle high schools.	60
Junior high schools.	128
Special high schools.	4

In the State, during the decade 1890–1900, while the growth in enrollment in the common schools was 16 per cent, the number of public secondary schools increased 140 per cent; the number of academics (including denominational schools) 34 per cent; the total net property of secondary schools and the number of secondary students more than 100 per cent. In 1903 secondary schools reported 95,096 students and a total net property of \$33,771,006.27, with expenditures for the year of \$7,106,999.90, as follows: High school property, \$14,400,278.45; high school expenditures, \$5,007,055.02; academic property, \$19,370,727.82; academy expenditures, \$2,099,944.88. \* \*

Beyond this the State has entered upon the policy of making an allotment to the high schools for the tuition of pupils who may come from districts without high schools in order to equalize the State largess for secondary education to all of the people, and particularly to make sure of aiding the more aggressive pupils in the less fortunate districts. The appropriation for this each year equals more than half of the entire sum which the State appropriates annually for the encouragement of secondary education.

From this it is clear that neither the State government nor the people in their local communities have been indifferent or unintelligent in the upbuilding of secondary schools. Taking the whole State together, in spite of the fact that the hindrances to the diffusion of higher education augment with the size and particularly with the congestion of population, New York justifies the splendid commendation of the author of The Making of the Middle Schools. If the special drawbacks which present themselves in the metropolis were to be eliminated the presentation would abundantly show not only the best organized system of secondary education developed on American soil, as Professor Brown puts it, but it would show about as abundant and energetic, and probably more evenly distributed, provision for secondary instruction as will be found anywhere in the land. \* \* \*

But before passing from the city of New York it ought to be distinctly said that the rapidity of growth in the high schools located within the territory embraced by the boundaries of Greater New York since 1897 is altogether unprecedented in the history of education in this country. In 1897 the number of high school students was 2,360, in 1904, 27,824, an increase of 1,079 per cent. Within the same period the number of teachers increased from 111 to 841, or 658 per cent; the annual expenditures from \$161,084 to \$2,922,648, an increase of 1,714 per cent; value of grounds, buildings, and equipment from \$637,245 to \$5,761,004, an increase of 804 per cent. Nor is this all. There are in addition five high school buildings in process of erection, the aggregate contract price of which is above \$3,600,000.

### THE FUTURE.

Now, let us turn our faces to the future. A careful inquiry, with no purpose but the ascertainment of the truth, seems to make it clear that the people of this State have not been remiss in setting up secondary schools; that in the number of schools and of pupils we are above the average; that the advance in numbers in the last decade has been as remarkable as gratifying; that with the exception of New York City these schools are evenly distributed over the territory and are fairly representative of the population of the State, and that in the city the evolution is now going forward as heroically and splendidly as it ever did anywhere. This is not saying that there is not room for more, or that what we have are not to be made stronger. We are to ascertain what will accomplish both of these ends.

We have been speaking of numbers rather than of excellence. There is no reason known to me for imputations upon the character of these schools. I should be surprised to learn, after all that has been said or done, of any proof that the average of buildings, of equipment, of teaching power, and of work accomplished was not high. Yet I have seen enough of school work to know that it often happens that people who have very indifferent schools think that they have the very best because no one does them the service of telling them the truth. It would not be surprising if there are many schools registered for but a part of the high school course which make the serious mistake of being more ambitious for a high-sounding name and for appearing to do a lot of work rather than for occupying a minor place, which is just as honorable, if they will do what they may do just as well as it can be done. A school which is giving a 48 count diploma in less than four years and with indifferent facilities should not be allowed to think that it is doing it as well as it may be done. There is nothing to be said against and there is much to be said for starting schools before they are able to do four full years' work, but there is everything to be said against a 50-cent piece having the effrontery to try to pass itself off for a dollar. \* \* \*

Much would be accomplished if a movement to standardize the work of the secondary schools in all parts of this State, which is now under serious discussion, could be successful. And if that could be identified with the standard for admission to college established by the College Entrance Examination Board of the Middle States and Maryland the need of State universities in the Eastern States will be less urgent and logical than it otherwise will be, while the advantages to the colleges will be very considerable and the placing of more exact values upon the work of all secondary schools will be more stimulating and steadying than we can now foresec. \* \* \*

Massachusetts makes, as she has always made, secondary schools compulsory by statute, though I am unaware how far the statute has been executed against a reluctant community. Not until recent years has the State appropriated State funds for the support of these schools. New York has required an elementary school of at least reasonable character within reach of every home. It has tried to assure the quality of the teaching by keeping in its own hands the certification of teachers while in our excellent sister State to the east that has been left to the same local authority which employed the teachers. After doing as much as that, and it has been very much, our State has left all the rest, including the secondary schools, to community initiative and local pride. We have stirred local initiative by favoring legislation, and we have done what reasonably might be done through the liberal distribution of State moneys to give education in every town and hamlet in the State the advantages which the stronger and wealthier communities owed to it. We have compelled in nothing save that there shall be a suitable building and a qualified teacher for a common elementary school. To that extent we expect to maintain a compulsion which compels. Beyond that we encourage and aid, and then give to every community the satisfaction which must flow from its own accomplishments.

Our plan has prevailed from the beginning of our educational history and it prevails nearly everywhere in the country. Under it we have as excellent schools, both primary and secondary, as we would have had under a more mandatory system of legislation, while we have an educational system which is altogether unique in its flexibility and adaptiveness to all local conditions as well as in the stimulus which gives to the intellectual self-activity of a community and to willing popular support because of free popular proprietorship.

Now and again it has been proposed that we shall adopt some compulsory policies which will assure the universality of the secondary schools. Any step in that direction would be necessarily disturbing in the affairs of a system now grown great and in my judgment would remove from it its finest flavor and the features which make for its best efficiency. It should not be done unless necessary, and the necessity is not apparent. A secondary school is not necessary to safe citizenship. It may or it may not be necessary to the child's best chance in the world. That depends upon conditions. I can conceive of conditions in which compulsory attendance upon a secondary school might be what I would think an interference with the right of the parent and the best interest of the child. Whether or not that is conclusive of the question as one of policy, it is conclusive of it as one of principle. Going on just as we are we shall have secondary schools quite as universal as they can be useful, and wherever they are they will stir the pride and hold the affections of a people.

New York recently began in paying from the State treasury \$20 per year for the tuition of each nonresident pupil attending an established high school, a policy which proves her intelligent interest in a great subject and may easily be the instrument of very great results. But it seems to me that this movement needs some guidance to the end that it may do the most good, indeed that it may do more good than harm. Very possibly the legislation has not yet reached its final form, and it needs generous and unselfish treatment to the end that its enduring state may be free from danger and full of good. I am confident you will agree with me in these propositions.

1. The point of this legislation is not to aid established high schools. That is done otherwise and very amply. If not sufficiently, the remedy is upon application alleging the fact and by legislation which avows the purpose.

2. The State has not intended to change its thoroughly established policy of only encouraging secondary instruction. It has not begun the policy of wholly providing such instruction without cost to pupils in districts without high schools. If it had, the logical result would be absolute State support of all high schools, which would be mistaken, if not absurd.

3. The point of this movement is to aid deserving pupils in nonhigh school districts, through equalizing to them the advantages which State appropriations now give to pupils in high school districts.

4. The State must not make it to the interest of a district without a high school to refrain from establishing one. It must not set up a policy which would develop great secondary schools, really small colleges, at central points by taking away the strength of existing schools in smaller places or at the cost of preventing additional schools.

5. The State ought not to put upon existing schools the burden of instructing nonresident pupils at much less than actual cost, and ought not to encourage boards and principals to do this, in the interest of the mere largeness or prominence of schools.

6. The movement should have in mind, not one interest as against another, but every educational interest of the State. It must aid the weaker district and the specially deserving youth. The new stream of financial support must be made to help the interests of secondary education, not where it needs no help, but where it really needs help, and most where it needs most help, and particularly to help boys and girls who will not get help without it. And it must be done so that the particular help afforded will not injure general or continuing interests.

Without any wholly confident judgment as to next steps in this connection, the foregoing propositions seem sound, and it is not certain that the existing legislation exactly squares with them. But time and discussion will point the way for us. We have never yet been unable to put an appropriation where it would do the most good, and we are not likely to be derelict now.

### THE SECONDARY SCHOOLS AND THE CERTIFICATION OF TEACHERS.

The recent determination to accept the standings gained in the secondary schools for admission to the teaching profession affords an added reason, if any were needed, for universal interest in these schools, for giving the best attention to their affairs and for standardizing their work with the closest exactness. The fact illustrates, if it does not measure, the advantages of the educational unification movement in the State.

### SECONDARY SCHOOLS AND DISTRICT SCHOOLS UNDER SAME SUPERVISION.

Let me add that I have been giving considerable thought to the interests of the country schools, and I am impressed with the belief, which I have heretofore expressed to the State Association of School Commissioners, that those schools would be much benefited if they and the union schools and the town secondary schools could be actually related to each other in the same supervisory district. A like advantage would accrue to the higher schools.

I am not unaware that under the law they are commonly in the same supervisory district now. But it is more a legal fiction than an actual fact. The manner in which school commissioners are chosen and the entire absence of statutory requirements or accepted understanding as to qualifications, results in the election of many commissioners who have aptness for public affairs, but who can not be actually accepted as superintendents of the technical affairs of the larger and higher schools. To say that this is always so would of course be unjust, but that it is widely so will not be denied. I shall be wholly within the limits of truth if I go further and add that in many a whole county taken together there is no actual supervision of the rural schools, and we all know well enough that schools are not likely to get on as well without it as with it.

The fact that it would be impossible of success if there were not an even stronger reason, as there is, is enough to make any movement to abolish the district system uninviting. It is hardly worth while to entertain ourselves with things that can not be done or ought not to be done. But a movement to relate the secondary schools with the elementary schools in a unit of supervision which is small enough to make supervision possible, and under a superintendent who can superintend the largest and the highest as well as the smallest and the weakest to their advantage, is possible of attainment and would be beneficent in its consequences.

Kindly give this matter the benefit of your reflections, as it may quite possibly be a subject of future discussion.

### TRAINING TEACHERS FOR SECONDARY SCHOOLS.

The unprecedented growth of our secondary schools has created a demand for teachers of advanced work which it has been difficult to meet. The graduations from college are more than ever before, but high schools want a large proportion of men teachers, and the number of thoroughly prepared men who want to teach is small. Boys who have been taught by women all through the elementary grades must at least hear a masculine voice and get things from a man's point of view by the time they get into the high school.

But the difficulty is rather deeper than that not many men incline to teaching. The work of the colleges does not incline them. Other callings seem more inviting, and the colleges do but little by way of corrective. The colleges do not take much stock in educational theory about the professional training of teachers. College managements are more worldly wise than they used to be, so they nod to this theory in a polite way rather than lose any practical advantage which might result from ignoring it. But such interest as most of them take in it comes from prudence rather than conviction. And it must be admitted that when a university does establish a separate department upon the theory that education is a science and teaching a profession, unless it makes a separate school with considerable autonomy of its own, it finds difficulty in securing professors who can justify the theory and stir the efforts of ambitious men students. Yet you and I know that one can hardly hope to become a successful teacher without deep study of educational history, theory, and practice.

But if one can not teach without knowing how to teach, he surely can not teach without knowing the subject he is to teach. The courses in the State normal schools (excepting the State Normal College) are not broad enough in subject-matter to prepare for teaching in the secondary schools, and it seems to me can not be made so without an unwarrantable expense and the probability of lessening the attendance and withdrawing their direct and imperative aid to the elementary schools.

Now, I have no doubt about the need of college-bred men and women, with a good proportion of men, who have been prepared to teach, for the work of the secondary schools. We are not getting a sufficient supply. There is a hiatus in the educational system. The academies have rather the better of this because of their independent self-control, because of their somewhat greater exclusiveness, and because of their closer college connections. The high schools are suffering. It is time to do something, and the something might as well be decisive. Why not set a date when no teacher without an approved college degree shall be newly appointed in any secondary school while the school shares in State appropriations?

This would help the high schools most decisively. And it would do much more. It would help the colleges to a really serious appreciation of their responsibility for the plane of work in the secondary schools, and it would accentuate and vitalize the college influence in the educational system and in all the intellectual life of the State.

This State has been splendidly aggressive in uplifting the learned professions. It is no reflection upon any other work of recent years in the regents' office to say that the best things done have been the development of additional secondary schools and the closing of the doors to the learned professions against persons who are not learned. Not one whit of anything accomplished is to be lost. All we have gained we are to hold, and more. There is to be no slacking of the pace. But let us be specific. In view of the high ground gained for all of the other professions it ought not to be difficult to do as much for the teaching profession. It is an absurdity to protect the other professions and neglect the most important teaching positions. The truth is we are, relatively speaking, protecting against incompetency in the elementary schools, even the little ones at the crossroads, more than in the highest and largest schools we have, if I except certain cities where special or local laws apply.

The educational system must balance. The work in the upper schools is the hope of all the schools below them. There must be universal recognition of the worth of scholarship—not merely of its form or its pretensions, but of its juices and its flavor and of its power to apply itself to the real concerns of life. Where shall this be if not in the schools? Surely where, if not in the policies of an ambitious State system of education?

It will be unfair to accept this as a general imputation against the teachers of our middle schools. They have met the demands of their day. They have carried us over a transition period in the evolution of a great system. They are in most cases better prepared to serve us still than other or younger teachers can be. No criticism upon them and nothing but compliment for them is intended. They brought all that they could get into their work and it was much. They have supplemented it with experience and study. Nothing more could be asked of them. Nothing shall be done which could reflect upon them now. But we are facing new conditions and a new outlook. We must provide for an opening era. And we must make that era as great as we can through the sagacity of our plans and the abundance and forehandedness of our provision for it.

### CONCLUSION.

I must thank you for your patience, as I do very warmly, and speak my concluding word. The educational territory between the elementary schools and the colleges has come to be well occupied, and it will be as completely occupied as it is possible for occupancy to serve the ends of a free people. This educational territory is historic as engaging as the middle ground which stretches through the valleys of the Hudson and the Mohawk is enticing in the fascinating story of the Revolution. Upon this ground educational exclusiveness has met the democratic intellectual advance and been overwhelmed by it. Private schools will continue to command endowments of money and zeal and faith, and probably more liberal ones than heretofore; they will continue to serve constituents who prefer some educational exclusiveness, and they shall have our fellowship and support in the doing of it. But by far the greater number, and all supported by taxation, will train for life as well as for college, will express the purposes of the multitude, and be aligned with the people's system of common schools. Upon that point the summing up is finished and the verdict is in. So far as conditions give rise to the demand the doors of the secondary schools will have to swing free to all the children of the State. The common schools are going higher. A universal system of free education is coalescing. The spectacle is inspiring. The readjustments may take time, but when realized they will be potential because voluntary, energizing and uplifting because the natural product of a free people's thinking.

# CHAPTER X.

# ART EDUCATION AN IMPORTANT FACTOR IN INDUS-TRIAL DEVELOPMENT.

By HALSEY COOLEY IVES, LL. D.,

Director of the St. Louis School and Museum of Arts, and Director of the Departments of Art at the Universal Expositions held at Chicago, 1893, and St. Louis, 1904.

SYNOPSIS OF CONTENTS.—The natural method of communicating truth is by pictorial representation—Influence of beautiful surroundings in childhood—Art is for all the people—To elevate them it should be applied to all the products of industry—In turn artistic work ennobles the workman— Extension cf art muscum work the most promising agency for art education—Methods—Popular misconception as to what is implied in the word "art"—Extension work of the St. Louis School and Museum—Courses for public school teachers—Utilization of the library a necessary part of the work—Instruction of workingmen—Types and classes of art educational institutions and agencies— Examples—Development of the St. Louis School of Fine Arts—Difficulties encountered in promoting any extensive art movement—Articles in common use should posses qualities of beauty—Aims and work of William Morris—The epoch-marking lecture of Cardinal Wiseman—Effect of our industrial evolution upon art—Art an essential factor in industrial development—Instances of France, Germany, etc.—What the art movement in Great Britain has accomplished—Educational influences of the Chicago and St. Louis expositions.

The purpose of this article is to set forth an idea of what art in our country may and, as the writer believes, should rightly be, and how far it has already entered into the lives of our people, and to bring together for the consideration of practical men some of the more practical suggestions for the advancement of art education. Without much regard for any literary object, the writer has written down what he has thought might be useful. No doubt the reader may find ideas or even language that he recognizes as old, and possibly put forward in a manner as though original. At the end of nearly forty years of work in art education, however, the writer finds himself using, possibly with new applications, the same old arguments used thirty or more years ago and so often since that they seem as much a part of himself as the hand with which he writes these words. It is gratifying to find these ideas received with more interest than was formerly the case, but even yet they do not seem to have become so generally accepted as to be justly counted among the platitudes.

As one notes the gradual change of view on the part of the public as to the value of art education, one calls to mind lines written by Tourgenieff at the head of one of his famous hunting stories: "I now love those things I once burned; I now burn those things I once loved."

The place of art as a constructive influence in the development of civilization, its value in the general education of the people, the important relation which it is to hold as a broadening factor in our lives, are beginning to be recognized. It is even becoming known that to surround the young from their earliest days with the pictured records of the best inspiration and thought that have come down to us from the golden ages of the world's art is the most certain way to implant in their minds true knowledge as to the grandeur of a commanding people or period or an understanding of the great lessons in the history of the onward struggle of mankind.

155

A reality in liberal education, no less vital in higher study than in the kindergarten. where it has been better recognized, pushing itself upon the attention of educators in every field-though seemingly obvious enough to be axiomatic, is that truth absorbed through unforced natural functions, by unspurred, free operation of the senses, is much more deeply and naturally absorbed than that forced upon the mind through prodded and studious effort to digest fact. In pictures nature talks to the mind of man, in the mind's own language, which she has given it; for pictures within mental impressions, whether developed and formal, or realistic, constitute the natural means of communication between man's inner being and the universe without, and on picture impressions, undoubtedly, the mind relies for all its records of fact; it is so that we are formed. Whether directly conveyed through the senses or laboriously constructed in the brain, all our knowledge is recorded and saved to us in mental pictures. Environment, always teaching, always questioning and answering questions, in an endless chain of pictures, is the preceptor provided by nature for man. Through this instrumentality she cuts short in her teaching the devious methods of logic and rule, presenting the truth in pictures that epitomize results and go straight home. It is now coming to be recognized that we can best supplement nature by developing the natural system rather than by substituting one artificial in character; and in education we depend more and more upon pictorial art. The mind jumps forward to recognize pictured truth. Our greatest orators are those who most effectively suggest pictures to those who listen. It is not without a deep lesson for us as educators that pictorial representations, whether on paper, wood, or stone, hewn with knives or laid on with pigment, are, as they have been since earliest history, the one form of communication universally, immediately, understood by the human mind. The cause of this power of pictorial representation to impress the mind is eloquently suggested in the profound injunction of Emerson: "Teach the children; it is painting in fresco."

Early impressions from beautiful surroundings become as the artist's colors in fresco painting, inherent in the substance. As the fresco color permeates the plaster upon which it is laid so that though the hand of the iconoclast may cover it over crudely, yet after centuries have passed the pure and truthful tints of the master are there awaiting but the sympathetic touch of the restorer to bring forth their rich and varied beauty, just so the surroundings of a child, beautiful and ennobling or the contrary, enter into it and become a part of its nature and remain there all through life, to give the possessor clearer, wider vision, fuller and finer life or the contrary.

The power to perceive beauty is one of the highest endowments of man. Who, then, will deny the wisdom of cultivating that power in all the people? Can there, indeed, be a higher ministry of good than to spread abroad that knowledge by which the eye that sees not the thing of beauty may be made to see it—the knowledge through which refinement of taste, or even the divine power of creating, may be inspired in minds and hearts filled elsewise only with the sordid, material cares of life? Blessed is the man who learns in his youth what art is, for in art is the power of expressing all sentiment and beauty and the divinely gifted genius that interprets wisdom. Fortunate they who in the early, impressionable years of life are surrounded by influences, however simple, that weave into their natures love of the beautiful, for it is a heritage to prove a godsend in later years. If after successful battle with the material world such a one acquire the needed thing to retire on, in this heritage will be something to retire to and to retire for-an estate of the mind and spirit; or if to some fortune bring but a cramping struggle for food and shelter or worldly gain, then this heritage of the love of beauty shall be to them an inner temple, where they may take refuge and worship, apart from the soul-destroying influences of sordid strife, and whence they may come refreshed and enheartened by communing with ideality and truth.

I wish that in providing for the future our school boards might realize what a large influence for good can be attained by surrounding the child with an environment of beautiful things. If in every contract for a school building it were stipulated that a tenth of the cost should be expended for wall decorations and pictures and sculptures in the class rooms, what a wonderfully inspiring and ennobling influence would be created in those study homes of the children, to mold the character of the future citizens who are to control the destinies of our country.

If those in control of our art museums might realize what good would result from such a popularization of their work as would bring the ennobling influences of art into the lives of all the people, how much greater they would be than in their competition for the privilege of storing away old masters.

Evidence of the good influences and the quick appreciation which must follow such action by a governing board is seen, for instance, at the Congressional Library, in a notable illustration of the eagerness of the people to take advantage of the few art opportunities properly placed before them. Much larger numbers of admiring visitors now throng the beautifully decorated Library hall than visit the adjacent building of the National Capitol, so long the chief goal of American tourists, and this, undisputedly, because the Library construction board had a small per cent of the cost set aside for decorative purposes. The numerous panels filled with the work of our mural painters, the impressive examples of American sculpture, draw and retain the interest of many thousands of visitors, who devote instructive hours to studying them. Moreover, the same stroke which so happily creates this splendid popular educational influence for the awakening of a national art appreciation at the same time directly encourages the development of American artists in a most effective way, through the increase of discriminating and instructed demand. Surely no stronger evidence than this result could be asked for. Similar is the lesson given by the Boston Public Library, where the artistic decorations by Sargent, Puvis de Chavannes, and Abbey attract thousands of people, who receive from the interpretations of these great men much stronger and more direct impressions than from the printed records of the library.

There is also this great truth: That even a little study of nature through art opens the eyes to all manner of truths, increasing the power of observation-the habit of seeing. It is interesting that in the greatest governmental secret-service organization of the world very great stress is laid upon ability to draw as essential for the development of that power to observe and remember, upon which in such a calling so much depends. Art is not for the professional worker alone, but for all the people in all their work, in a large and generous way. There is valuable truth in the saying "What we fail to see in the world might as well not exist, for it means nothing to us." In teaching the child to draw, we but show him how to see. Whatever broadens the vision of the child lays the foundation for a broader citizenship. No great art nor literature nor statesmanship can we have until they come from the people. Knowledge and appreciation on the part of the multitude are required to create that universal sentiment that culminates in the individual work of a master hand. The great painter, the great writer, actor, sculptor, statesman, or architect, consummating the instinctive efforts of generations, giving in his life the consensus of feeling of a whole people, and so enriching the world with a triumphant chapter in the story of mankind, may be brought to us through the simple influence of allowing the children to become imbued with the knowledge of beauty, to absorb from their surroundings a natural comprehension of truth in form and word.

To one who has paid the slightest attention to art matters in our country during the past few years it is very apparent that the growth of a love for art among the wealthier classes has been marked and rapid. The man of wealth now looks upon the possession of fine pictures, arranged in the rooms of his house or in a gallery set apart for his collection, as the proper thing to indulge in, and this is doing good.

The greater field of work, that of applying art to the products of industry, has until quite recently received little attention. Much has been said and written of art edu-

ED 1905-VOL 1-14

cation and its influence on the products of industry, but very little has been done toward carrying out the various theories advanced. When we look for results, we find that the institutions doing systematic work in this direction may be numbered upon the fingers of one hand. Yet art education, properly understood, is not alone for the development of talents that shall contribute to harmonize the feelings and enhance the enjoyment of the small class of people possessing inherited wealth with which to indulge in the soothing influence of artistic symphonies. Rather it will give to thousands of future workmen knowledge and aptitude which they will use to increase the value of their work, enabling them to contribute more to the wealth of the world and get larger prices for products of their labor, through the influence of its power to advance individual or local interests wherever it is best appreciated, but more than all it will contribute to the elevating and perfecting of American industries as a whole and to the enrichment of the life and the aspirations of the whole people.

Wherever in the history of the past we have found a people or individuals who have grown great in art, we have found them pursuing their work as if imbued with the spirit of the artist workman as well as the artist designer; that where the one ceases and the other begins we can not decide. As Cardinal Wiseman has expressed it, "Thus we find art and industry hand in hand, stimulating and supporting each other." To bring about this helpful relation between art and industry, through the medium of our schools and museums, to take advantage of every opportunity to spread a knowledge of art in every way that will lead to the national development of artistic feeling, is a necessity to our country. This means that we must look to the applied arts and develop the application of artistic knowledge in industrial callings. We must take carpenters, blacksmiths, plasterers, woodworkers of various kinds, stonecutters, and others, as our work extends, and make each individual a better worker in his legitimate occupation by infusing into him a feeling which will lead him to develop ambition and do better work, by showing him the best that has been done and teaching him to excel by making him master of his calling; in short, by inculcating in him the principles and training so splendidly taught and exemplified in the life and work of the late William Morris, that sturdy Englishman with the courage of his convictions, who, though a man of great wealth, mastered six different trades, that he might the better understand the needs of the working people of his country.

In seeking to enrich the mind of the workman with a knowledge of what can practically be done in his particular art, whether it be the art of the cabinetmaker, machinist, iron worker, printer, or potter, our object should be to increase the man's practical working ability so that he may do better work in his everyday calling. We want him not to paint pictures or model statues, but to be at his legitimate work a better and more ideal workman, therefore a more valuable citizen. We would teach him perfecting of workmanship and improvement of industrial productions, because without the refinement of art all work is crude, because if the workman makes an object not crude nor ugly he does so through knowing something of art, even though only instinctively. In the period long ago when workmen were conscientiously taught and the guilds maintained high standards of journeymanship objects of common usage, made even with the crude tools of their day, were beautiful in form and workmanship, so that we treasure them in our museums and private collections not merely as mementos of ancient times, but as beautiful things possessing a quality which we love, unfound in the things we commonly make and use to-day. We are sure that the workingman of to-day, properly educated and trained, could do better work than was done by the workers in the time of the guilds, because when we have supplied his deficiencies his power will be far greater than theirs. The aim, therefore, of our most advanced art teaching is to see to it that our modern workmen excel. If it be true, as surely it is, without any exception, that every normal person prefers between two articles of household utility, equally suited for their mechanical purpose, the one which is beautiful rather than the one which is ugly, then we all want art, and in spreading the knowledge of how to produce it everywhere in all its varied forms will be fulfilled a desire as universal as it is worthy and aspiring.

Let us all clearly comprehend also that the professional artist who is to do us good and whom we desire to produce is not to be a recluse or a man apart, but that his vocation has been extended as greatly as has that of the scholar in science and that his place is in the activities of life, commercial as well as professional—his sphere coincident with the whole scope of our municipal and national life—while in the proportion in which he touches all sorts and conditions of men and all phases of men's lives will he, if true to the traditions of his calling, elevate the lives and the souls of all men and all communities.

With this broad and true understanding of art as our working ideal and motive in educational effort, how inclusive our work and how, as rapidly as our art institutions are enabled to increase their activities through financial growth, they must occupy a broader and broader field.

In view of this, the extension of art museum work into fields wider than those which have perhaps served the purposes of the past is the branch of art educational development which promises most for the future. To bring to bear upon our people the strongest and most direct influences possible for the advancement of art appreciation we must link the educational possibilities of the art school with those of the museum and amplify and extend their activities so far that not only our art students, but the great mass of people who now seem indifferent, shall be brought within the brightening influence.

It is not so much in the mere production of pictures or statuary or in the beautifying of the homes of the wealthy, but in the direct results that may be obtained for the improvement of the people, that the great value of art educational effort lies. We may hope that there is room enough with us for the movement which in other countries in our time has developed a taste for and knowledge of art among the peoples and wrought such changes as those which accompanied the great revival of art in Italy.

The great art museum must, then, be far more than an architectural pile containing showrooms where curios and masterpieces, real or alleged, are placed upon exhibition, and yet this is not so far from the popular conception based upon what our museums have represented in the minds of the people. The true art museum exists primarily for the double purpose of spreading the knowledge, appreciation, and enjoyment of art and of inspiring its production, first through inculcating popular understanding of artistic truth, then in a more specialized way, through providing bases for comparison, standard of accomplishment, source of inspiration for artists and art students and all manner of workers who can be influenced to apply art in the beautification of their daily productions. With so wide an aim, the art museum is in its nature, even though that nature be not fulfilled, a university—a great center of propulsive education—from which enlightenment concerning art is to be transmitted in all manner of ways to every nook and corner of the territory which it serves, and to every human being who can be reached by its influence. If this, as covering a work broader than our museums have actually engaged upon, seems the definition of an ideal rather than an immediately practicable institution, yet at least I believe it not only suggests the art museum of the future, but also the direction in which our museums are moving to-day.

To carry out the plan upon such broad lines of activity, the museum must work in many ways. Visitors who seek the museum for purposes of study must be effectively assisted to enjoy and understand the works on exhibition, and through lectures delivered in the galleries must be educated in a general understanding of art. Students must be provided with competent teachers who can lead them wisely in efforts to develop their artistic capabilities, and, in conjunction with the exhibition galleries where in permanent and temporary collections exemplifications may be studied, must be class rooms where students and technical workers may consider in detail books of reference, methods of technique, and objects of art work with a degree of intimacy not possible in a public gallery. Intimate relationship must be maintained between library, lécture rooms, and museum collections. Methods for extending the active practical work beyond the walls of the building into the public schools and institutions and the homes of the people must be added. It would seem that it should be unnecessary to dwell upon the fact that the bringing together of rare examples of art and their installation in galleries and the admitting of visitors to them are not all that is required to enlighten the people as to the proper utilization and enjoyment of art and as to how it may be applied to their advantage. The proper installation of well-chosen objects, upon which reliance has chiefly rested for enhancing the influence of our museums, is indeed necessary to successful study, yet adequate provisions for widely extending the educational utilization of the collections are no less important. Indeed, if during the last twenty-five years there had been put forth as great an effort by museum managements in the United States to teach all the people how to utilize museum collections as has been put into the accumulation of endowments and rare works of art, we as a people would be much further advanced in art than we are to-day.

Efforts to extend the usefulness of our art museums and schools have in the past been somewhat handicapped by a narrow misconception on the part of many as to the meaning of the word "art" affixed to the titles of these institutions, the breadth of it having failed to be generally appreciated. Many, even among art workers, have had a narrow idea of the aims and purposes of art education, while among the general public, unfortunately, a lack of understanding of or sympathy with or even an antagonism toward art or anything which goes by that name is a factor, in part as a survival from the days when our people were too busily engaged in breaking the soil and developing the resources of the country to find time for the refinements of life; but more as an outgrowth exemplifying the evil that must justly be charged against the influences that have tended to alienate art from industry and to make it a thing apart from ordinary life. Thinking people are now rapidly coming to understand something of what art in our lives might really be; and as they get to see what art education means and what results it produces all these prejudices disappear and a broader activity, entering into the lives of the people, is demanded from art institutions. Even to-day, too many who hear the phrases "art school" or "art instruction" picture to themselves a place where young men and young women follow, in a dilettante sort of way, a course of study requiring very little thought, in an occupation the knack of which is acquired by some other means than a studious mental process. To such a person, who supposes an art school to be a place where pretty things alone are turned out, it is news to be told that he walks about clad in apparel that has been first subjected to the judgment of an experienced draftsman, sits before a stove or grate that has passed through the hands of a designer, whose experience and skill in drawing and modeling have been perfected by means of study in an art school; that the coal burner—a new design composed of iron and tile—before which he pauses for a moment is the result of an architect's study among old Dutch stoves in a European museum. Perhaps he does see, in a vague sort of way, a certain degree of beauty in a piece of forged, foliated ironwork based on an example of Flemish handicraft of the fifteenth century that is kept in a museum and worth, through great beauty of form, its weight in silver; and perhaps, as he leans back in his arm chair, after his business for the day is over, he wonders why it is that that ornate piece of furniture does not seem so easy as the queer, simplelooking chair that his friend Jones has in his study. Perhaps, too, as he opens his eyes in the morning and lets them rest for a moment on the gorgeous pressed ornaments, made of sawdust, blood, and molasses, that decorate the furniture of his sleeping room, and tries to make out why it is that they have not that indescribable air of refinement that they had when he first purchased them; and if so, our friend is beginning to be conscious of certain subtle differences that exist between things. The influence of the old Dutch stove, the ancient bit of furniture, and the foliated ironwork stored in the European museum he has visited, has begun to be felt by him. Soon will come a time when he will acknowledge that he sees the beauty of these things. Yet the idea that they are in any way connected with art schools or art instruction or art manufacture may not without a deal of trouble be forced upon his mind. Art and all that sort of thing to him mean pictures.

As an incident of our development, art at the present time in this country, it is curious to note, affords a perfect paradise for a certain type of persons, who, by hanging on to the skirts of "æsthetics," secure in its incomprehensibility to the people they come in contact with, obtain for themselves a recognition that would be beyond them in any other sphere of activity. Unlike other businesses or professions, that of art, it seems, may be taken up by those indisposed for other occupation with that confidence born sometimes of innocence. It would seem even that there are those who deem preliminary, to say nothing of thorough, knowledge quite unnecessary to persons who adopt the profession of art teachers.

A few evenings spent in reading, collecting, and storing the mind with such terms as the "principles of harmony," "truth," "beauty," and the "eternal laws of nature," and all this may, by a little skill or ingenuity, be introduced in conversation, and the majority of people having never studied such subjects are not sufficiently educated to see how supremely ludicrous the whole business is.

Is not all this lack of comprehension of art to a great extent the fault of many of our so-called art schools? In a large measure it most certainly seems so to me. Faulty and incomplete courses of training, abetted by a sense of apartness which holds the public aloof and which is fostered by false academic conceptions and ideals, furnish most of the explanation. In the main, our schools have ignored or failed to bring within their sphere the broad and liberal application of art; and in this they have slighted the applied arts, looked down upon the craftsman, neglected design, made technique their god. They have trained a multitude of eager students to only paint pictures that few men want and fewer buy, and have elaborately equipped the great majority of those who flock to them for instruction to lead lives of want and uselessness. It was not so in the days of the Renaissance. It is not so in countries where art is broadly and properly taught, and it ought not to be so here. With the crying need for reform the present conditions can not last and the remedy will be applied.

What is needed is not so much more art schools as more art in our common schools. One of the faults of our art educational work is in not beginning its influence early enough in the training of our people. We can have no real foundation for art appreciation until one generation of school children shall have had a course of art instruction, continued from the day of beginning work in a kindergarten until graduating from the grammar or high school. Such a course of instruction should consist not alone in drawing lessons, and not mainly so, but include study of the artistic treatment of form in various phases. A chief instrumentality in this work must be the art museum, properly organized to that end, which should not merely supplement but inspire the class-room study. It is not necessary that laymen shall be trained as artists should be trained, nor desirable; but it will be a great source of happiness and of prosperity to our people when the education which should be the birthright of all includes the appreciation of beauty and develops in some degree the power to produce it.

An excellent form of museum-extension work was inaugurated by the St. Louis School and Museum twenty-eight years ago in the establishment of a system of circulating collections composed of reproductions of masterpieces, through which the opportunity to study art was placed before thousands who could not very well travel to the museum, as well as before many whose observations in the museum galleries were supplemented in a manner to make them much more valuable and to impress them upon the minds of the people. Next to lectures in the galleries of the art museum itself, illustrated by the exhibits, lectures given in the halls where these traveling collections were hung have seemed to impress the listeners. The stereopticon may be employed to supply further illustration, but its views are necessarily fleeting and seldom more than approximate the beauty of texture or interpretation of color values attained by the splendid reproductions at our service to-day. In the school rooms and halls where these lectures are given the visitors gather around the objects and study them, selecting the ones which most appeal to their interest, to which they may give special and detailed consideration. In 1878 a large collection of several hundred autotype reproductions from the world's masterpieces was obtained from the firm of Adolph Braun & Co., of Dornach, Switzerland. These works were divided into sets of 50 and of 100. To each example was affixed a tablet giving the name of the artist, his school, the title of the picture, the gallery where the original is hung, and reference to the text-books, where information in detail might be found. These collections were freely circulated for years throughout the West in public schools and for the use of art societies. They have also been used extensively in the high and grammar schools of St. Louis.

With such a collection as this it is easy to trace the historical development of pictorial art and make its various periods understood, even to comparatively young scholars. We may begin with illustrations of severe and impressive works in mosaic and fresco, which can not be styled imitations of nature, but are rather conventional diagrams, a phase of work characteristic of the earliest form of Italian art. From this we are by degrees lead to a more perfect art, where we find everything broad, simple, severe, and ideal; where the artist has not stooped to excess of detail, his use of color has not interfered with clearness of form by an obtrusive brilliancy, and the shadows are shown just sufficiently strong in contrast to display the forms and make the lights luminous without interfering with the uniformity of the whole composition—a period to which belongs the work of Raphael, Michel Angelo, and Da Vinci. From these types we naturally pass to others, reaching the Venetians, the illustrations of whose work embody as many of these great qualities of art as they in their different natures found adapted to their feelings. We see how with them the light, which had been in the hands of the Florentines broad, flooding the whole work, became narrowed and more intense, but was not carried to an extent that destroyed the decorative distribution of the parts of the composition, and how, though brilliant, transparent, and gorgeous in color, the art was large. The illustrations here show the work of the Venetian masters, Tintoretto and Veronese, Titian, and others.

And so we may descend through the history of these various periods of art, step by step, in regular succession. Not only in pictorial art, but in architecture, we may descend through the same scale, from simplicity, breadth, and largeness of style to complexity, detail, realism, and finish, and see, in the reproductions, how the architect in too many cases has ceased to be an artist, and worked only as the constructive engineer—leaving the artistic treatment of the surface to subordinates and losing in the process that decorative unity that characterizes the structure created by the architect when he has been actuated by the feeling and inspiration of the true artist designer. Complex as this may seem, it is possible to illustrate to school children the developments outlined above by the use of illustrations easily obtainable. All will recognize the additional charm that such a series of illustrations would give to the study of history and allied subjects.

Perhaps the best illustration of the practicability of an effort to make, in such a manner, a good working reference collection for public high school work is shown as the result of the generous efforts of a committee of ladies of Chicago, who assembled from the publishing houses of the world several hundreds of reproductions showing the architecture, sculpture, and pictorial art of nearly every country where art has been recognized as a factor in the lives of the people. This collection represented a considerable outlay, and served as a memorial to an honored citizen in the high school which bears his name. It comprises not only reproductions of works of art, but has also pictorial representations of the occupations and characteristic scenes from the life of different European peoples for educational comparison. Nearly all of these latter works are color prints, selected with due regard to the artistic value in their execution. Such collections might well be considered necessary to the proper equipment of every public school system in our country. Redividing and interchanging the collections between different schools from time to time will enable even a small investment to do great good.

The many directions in which traveling art collections of various kinds may be utilized to great advantage open up a most promising field of education. This work can not fail to have a pronounced influence upon the future of American art.

Another work that has resulted in great good has been the service which certain art museums and schools have been able to render to the teachers of public schools. The greatest liberality has been shown by some institutions, more particularly in the western cities, in dealing with public school interests. Special Saturday and holiday classes have been arranged for the benefit of teachers and their pupils, special collections installed with a view to their requirements, and appreciation of the possibilities of this branch of museum work shown in several instances. The children's museum of the Brooklyn Institute of Arts and Sciences affords a notable illustration. The St. Louis Museum and School has planned and probably will soon inaugurate extensive work in this direction. For instance, special courses of instruction for teachers will be given to enable them in turn to instruct their pupils, using their own language and suiting it to the children's minds and making full use of the collections.

Free utilization of the library in conjunction with art collections is a necessary part of museum educational work. Quite as important that the artist should cultivate his mind as his hand. The results of a want of education are painfully apparent in many works to be seen any year on the walls of our exhibition galleries, where the educated and intelligent man may be recognized at once by his work, and, for that matter, the ignorant also. An artist of great talent or of genius always produces results that charm us with masterly qualities-handling of color or vigor of style. Even yet, if his mind be not cultivated through a good general education and a knowledge of what others have done before him in his chosen profession, his breadth of vision, his range of subjects, must be limited. No art museum can be said to accomplish its full work until, through its installation of objects and organization of facilities, it shall at the same time command the respect of the educated and refined worker and lead all classes of students, both the expert and the untrained mental worker-mechanic, craftsman, or whatever he or she may be—by natural and direct paths to the acquisition of the knowledge required on those subjects connected with art which may be unfolded in study of either books or objects. In this direction the writer has found it possible to accomplish good results by reversing the order of procedure usual in the use of books and art works. Eighteen years ago he was thrown somewhat intimately with a large number of mechanics—men who represented a score or more of trades, in the pursuit of which a knowledge of drawing, color, and form in historic styles of ornament would prove of practical value. It was observed that these men had great difficulty in using to advantage books of reference to aid them in their work, so that it became necessary that the librarian or assistant should familiarize himself with the subjects and locate book, chapter, and page for the use of the student workmen. It was observed, however, that in nearly every case the workman was familiar with the pictured subject, and this knowledge was built upon to the extent of creating a picture index in the museum, which served admirably as a guide to the information in the books of the adjacent library. The ready convenience of this system made it of the greatest utility and time-saving value to all classes seeking to supplement with the information in the library the lesson conveyed to the eye by the object exhibited in the gallery.

The working value of such a plan, to make the object itself serve as an index to its

literature, was tested in a collection of several hundred illustrations representing a large number of selected famous structures comprising the best examples of Renaissance architecture in northern Italy and southern Germany. The plates were sufficiently large to present the ornamental details of the structures. They were arranged in groups of ten or twelve each, the plate best showing the building as a whole forming the center of the group, and arranged about this other plates showing different parts of the building, juxtaposing either the central or more remote parts in the picture, as seemed suitable. Each plate bore an inscription giving the name of the work, the period and location of its designer, his birthplace, age, and school, together with the designation of the library cases, the volumes, chapters, and pages where information could be found in regard to the building, its parts, period, architect, and artist artisans engaged upon it. The facility with which working people made use of this means of reference was as surprising as it was gratifying. This same idea might be utilized in the installation and labeling of other and various sorts of museum collections.

Special lectures and classes for workingmen constitute another interesting and advantageous sphere of work through which the development of popular art appreciation may be greatly advanced. Class lectures which have been given to mechanics on Sunday mornings in the galleries of the St. Louis Museum, the objects of applied arts being used for illustration, have been well attended and influential in improving local standards of workmanship in certain directions—notably in wrought-iron work.

There is nothing so very new in these lines of art educational activity. They are all suggested by the great English system having a head at South Kensington, in that museum which has so world-wide a reputation. Fifty years ago a few men saw the need of doing something toward general art educational work, and their efforts have grown to an extent that has strongly influenced half the countries of Europe. France turned a listening ear to the teachings of England in this direction, and, with that promptness which denotes a progressive people, established similar work. In Berlin, at the Royal Museum, collections were brought together for the same purpose, and then the Kunstgewerbe museums took up the work throughout Germany. Belgium, Switzerland, and Holland have cultivated this influence with great intensity, and have reaped a splendid reward.

A function of an art museum in any country, second in value only to its part in the universal spreading of art appreciation, is to aid in developing a national artistic conscience, the conscience of a national motive or inspiration in art—an art message for the world. Our American art students must study the Old World schools of expression; but if we are to develop a national art, an American art, they should also see and study what has been conveyed by the American artists who have gone before them, or who are working with them side by side and feel the American influence. This requires American art museums as well as art museums in America. A common criticism by European visitors to American museums is that American art, which more and more attracts the attention of the world, is inadequately shown. Too often have our museums been tempted to expend their substance upon "old masters" that have happened to be obtainable, not always the best examples, while they have neglected an art of growing importance at home. The educational value of carefully chosen examples of the great artists and instructive schools of the world, of course, should be not overlooked by art museums; yet there is much to learn in the struggles and victories of American art, even quite independently of what national message may be found in it.

Two widely separated types of art educational institutions for technical training have grown up in our country during the last hundred years. The first to be developed was the regular academic type, where instruction is based upon the supposition that all students are to select as a life work one of the two distinct art professions, painting or sculpture. Recently architecture has been added to one of these original institutions. Historically preeminent among the stronger of such schools, and I believe the only two of this type which have existed continuously from their foundation, are the Pennsylvania Academy of the Fine Arts and the National Academy of Design of New York. The title of the latter might lead one to suppose it a national institution, though in reality as an art school it has always until the present reorganization been a local institution. Within the last twelve months, however, the School of the National Academy of Design has greatly changed and liberalized its course of instruction and sphere of activity in uniting with the Society of American Artists and organizing its school as a department of Columbia University, absorbing the school of architecture of that institution, and becoming affiliated through it with the Metropolitan Museum of Art, which also takes part in the great merging of art educational work.

The Philadelphia school, the Pennsylvania Academy of the Fine Arts, like the New York Academy of Design, has been almost fully confined in its curriculum to the training of men intended for the two professions of painting and sculpture.

Similar schools have been organized from time to time in different parts of our country, which have led precarious existences for varying periods of activity, and in each case from lack of adequate support have died a natural death.

Of later development, and indeed yet in course of evolution, is the type of art educational institution which seeks to deal with art in its wider applications and broader influences, with wide-spread development of art appreciation and art utilization in view as well as the attainment of high ideals in artistic representation. That this is the type of the future is indicated by many signs, not the least encouraging of which is the recent broadening of the old New York Academic School, which was found necessary to bring it into harmony with the times.

Added to the technical art schools spreading a knowledge among our people are our art museums, and temporary exhibitions, collections, societies, and organizations (including civic, State, and national associations and clubs for the encouragement of art study), and publications engaged in art educational work, as also art classes and departments in schools which include some art training as part of a liberal or technical curriculum—thus the engineering schools and institutes of technology, specializing in branches of drawing and design, and the many public and private schools giving elementary art training. The various art institutions through the influence of which artistic activities of educational value in our country are advanced may be classified under five heads:

1. Museums or galleries of art apart from art schools, i. e., those institutions whose purpose is the acquisition and display of works of art for the benefit of visitors who are privileged to study such works under the ordinary regulations which govern such institutions the world over.

The functions of these museums or galleries consist in the arranging and presentation before visitors of collections of beautiful objects of art in a manner to give them the full value of their artistic worth so far as perfect installation can contribute to such an end. The æsthetic influence of these collections in themselves is considered of sufficient value to justify their maintenance. Under this head should be classed the vast number of private collections, installed in the residences of owners or in specially constructed galleries as a part of such homes; in each case such collections are quasi public property, as the generosity of the owner usually makes it possible for the public to visit the collections, often permitting class lectures and lessons to be conducted using the exhibits for purposes of instruction. Under this head also come the many temporary exhibitions of art works, including those of the great expositions as well as those of the art societies and others.

2. Schools of instruction apart from museums or gallery adjuncts, where technical instruction is given to professional students by trained instructors and professors, by criticism of studies executed by the students in class room or studio.

3. Museums combined with schools of instruction, where the general public and students are not only afforded opportunities for the unguided study of beautiful collections, but are also given technical instruction in the schools and also where the influence of the school of instruction is carried into the work of the public museum or gallery by lectures given by expert instructors before the objects. Such institutions are the Art Museum and Museum School of Boston.

4. A fourth type of educational institution, and the one that is perhaps exerting the broadest and most healthy influence for good is the combined school and museum established as an integral part of a liberal university—such an institution as that proposed by the combining of the National Academy of Design with certain departments of Columbia University and with the Metropolitan Museum of Art, under conditions enabling the students to enjoy the benefits of the university and to have access to and be under the influence of the collections of the museum.

Institutions of this character have been in existence for years. Examples are the Yale Art School, the art department of Syracuse University, the St. Louis School and Museum of Art, a department of Washington<sup>•</sup>University, and more recently organized the art department of Kansas State University, where a school of instruction is maintained and where exhibitions of high-class works of art are held annually. Other institutions which approach these conditions, but which are not directly connected with the universities, are the Chicago Art Institute and Pennsylvania Academy of the Fine Arts, in each of which the plan and scope of the curriculum is such as to cover almost as broad and comprehensive instruction as that of the university.

5. In a fifth group we may include societies, clubs, civic, State, and national associations, and organized influences which work for art education. Included in this group will be, for example, special courses of lectures on art subjects which may supplement the efforts of established art institutions or even lead to the establishment of new ones, perhaps in the manner in which the St. Louis School and museum was established. In many towns where no other organized influences work for art are groups of ladies who devote their leisure to planning and carrying out such lecture courses and building up sentiment in favor of more permanent art work. In such a manner the John Herron Art Institute, of Indianapolis, came about, as through similar influences the bequest of Mr. Herron has been made the most of.

The reorganization of the New York art educational situation now in progress is along a line upon which we may look to see important developments in the future in all those centers of civilization where the educational factors are sufficiently broad. Our most effective way to educate artists is through the cooperation of three factors, which have hitherto generally worked separately, the university, affording the essential opportunities for liberal education; the technical art school, in which master artists convey their art directly to their pupils, and the art museum, in which the student is brought directly into touch with what mankind has achieved.

The splendid work accomplished by the wise management of the parent art institution of the country, the Pennsylvania Academy of Fine Arts, has had a wonderfully stimulating influence upon a large constituency in making it acquainted with the real strength of American art. Its well arranged exhibitions during the last eight or ten years of current productions have commanded the respect and admiration of all honest lovers of national art.

The museum and school of instruction of the Pennsylvania Museum of Industrial Art has been equally successful.

The development of the western institutions has differed from the older ones of the East in establishing closer connection between the educational work conducted for the general public and that for the students, and by combining the interests of the school of instruction with the work of the museum in the most intimate manner possible. In at least two of these institutions, the Chicago and the St. Louis, the school of instruction has utilized the museum collections constantly to afford assistance in the

systematic education of the general public and students alike. Thus carefully planned courses of lectures intended both for interested students and the interested public as well have been given in the lecture halls and in the galleries before the objects.

A similar work has been carried on successfully in the Pratt Institute, of Brooklyn. From personal observations I am led to believe, however, that more successful use has been made of museum collections in the western than in the eastern institutions.

Still broader courses of instruction have been afforded in the St. Louis Museum, made possible by its close connection with the undergraduate department of Washington University, the school and museum forming the art department of that institution. Here professional art students are permitted to enter the classes of the undergraduate department, having the privilege of pursuing studies in the modern languages, history, and literature. This makes it possible for the art student with a common school education to acquire in addition to his technical training a broadening course of instruction, to fit him more fully for the practice of any branch of art work or calling allied to art than otherwise would be possible. These opportunities have, however, been taken advantage of only to a limited extent by art students, either those studying with the view of becoming professional artists or those pursuing the subject of art as a means of culture. This state of affairs is not so much from a lack of disposition on the part of art students to take advantage of the opportunity as it is to prejudice which has existed in the minds of administrative officers or professional teachers not directly connected with art as to the need of such instruction for professional art students.

Perhaps in the history of art schools in our country there has been no institution that has exercised a more pronounced influence upon the feelings and opinion of the people of its home city than has the Chicago Art Institute, to whose wise management may be safely accredited important modifications in the development of the big northern metropolis and the country round about it. In Chicago the work of the museum and school of instruction was backed by men who believed that if they could so conduct the affairs of the institution as to influence all the working people of the city through one generation further effort to raise money would be comparatively easy. This belief has been proven to be well founded. By a farsighted and generous application of business principles to the management of that institution an intimate civilizing influence has been maintained in the city for nearly a generation. Approval and recognition by the people of the city has been freely accorded for this work and is evidenced by a vote of a special tax which gives to its management, in addition to its other resources, an annual income that reached \$58,500 last year and is increasing with the growth of the city. Without the influence of the liberal policy pursued by the management of the institution I doubt if this provision of public money would have been made. Valuable bequests and gifts are due to the same policy, including a bequest of \$1,000,000 made by a leading merchant to establish a fund to be administered by the art institute for the beautification of the city through the erection of monuments and other works of art in its public squares, parks, and places.

Several vigorous institutions of this broad character have grown up in the West and Middle West during the last thirty years besides the St. Louis School and Museum of Fine Arts and the Chicago Art Institute. Among them may be mentioned the Cincinnati Academy and Museum (the school having existed as a working force many years before the museum) in Eden Park, of that city, the Detroit Museum of Art, the Cleveland Art School, and the John Herron Art Institute of Indianapolis.

The establishment of an energetic art institution in Kansas City is now assured. A public-spirited citizen, Colonel Swope, has given \$400,000 to build with, together with the site, and established a maintenance fund also. It is anticipated that with the civic pride and energy so characteristic of that city others will come forward to help in building up the work.

In the South the most substantial progress in the development of an art institution, and a work that has produced a lasting influence upon the territory tributary to it, is that which has grown up as a department of the Tulane University, of New Orleans, known as the Sophie Newcomb School of Art, which has developed a pottery school of strength as an important factor in its work. Efforts to establish art schools have been made also in several other southern cities; but they may perhaps be termed sporadic, though there are earnest workers who hope with reason for better success.

One of the most recently created and splendidly directed artistic activities is that developed through the generosity of Mr. Albright, in Buffalo, N. Y. In this institution, as in Chicago, St. Louis, and Cincinnati, the double work already described is provided for and carried on in a broad and liberal manner.

Exhaustive reference to the work of existing art institutions and lessons derived from their experience is not practicable at this point.

### THE DEVELOPMENT OF AN ART MUSEUM.

The movement for the establishment of art schools and museums in cities where civic pride is well developed has become so strong as to justify the prediction that eventually the citizens of most municipalities will enjoy the possession of public art galleries, where, at least, the so easily procurable and so highly beneficial reproductions of classic art works will be permanently on view, and temporary exhibitions of various kinds will be shown from time to time.

A glance at the development of a typical American art educational institution more in detail may perhaps serve as a useful exemplification.

The St. Louis School of Fine Arts had its inception in classes of drawing and decorative design in Washington University in 1874. A course of class lectures on art was given during the same year. Then instruction in ornamental geometry as applied to surface decoration was given to a class formed at the close of the lectures. The work was found to be popular with the students, the classes were well attended, and a number of generous-minded people became interested and provided funds for extending the scope of the work, adding classes in drawing and painting and from the antique and life models. In 1881 Mr. Wayman Crow presented land and a museum building, with auditorium, class rooms, exhibition galleries, etc., to be the home of these expanded classes, which became established as a department of Washington University under its present name. The museum commenced with a collection of reproductions of classic sculpture for the instruction of the students, and a small number of loaned paintings and objects of applied art work. The school and museum were thus combined and closely dependent one upon the other at the beginning, as they have been ever since. Classes were added from time to time. The course of instruction was further extended to include pottery, ceramic decoration, bookbinding, carving, and wood and metal working. Night classes for working people and others occupied during the day were established. A working library was built up. The courses of lectures were extended, including lectures of popular interest, which were open to the public, and were well attended. Courses of night and Sunday morning lectures, more especially on the application of art to industry, were undertaken. Friends were induced to become annual or life members of the museum, or guarantors of expenses and contributors to its work. The museum collections were gradually extended, by gifts, bequests, special subscriptions, and by the income of a small purchase fund, an endowment created when the building was presented. A small endowment was also created to help meet expenses which had been dependent on fees and on subscriptions from friends, and on the willingness of the university to make up the deficit. Progress, though slow, was certain and substantial, and the work done was based on good, solid principles, so that after a time its influence was inevitably felt in a broadened public opinion and feeling in the city and in good work done by its pupils. In one

way and another it has been a larger influence than the uninitiated would perhaps imagine, acting now through its former pupils who had been instilled with a true appreciation of art, and again through its director or through the members and ex-members of its board of control, business men who at first in many cases became connected with the work simply through a disposition to assist in any good work, but afterwards developed their love of art and often became enthusiastic collectors and exponents of the value of art appreciation. Of recent years gifts and bequests to the museum have been frequent, and some of them large, a bequest of last year by a deceased member of the board comprising an art collection valued at \$250,000, and \$75,000 in cash, while this year a gift from a friend still living (and in his prime, as may be surmised) has established an endowment of something over \$200,000 for the purchase of American art works for the museum. In time the old home was outgrown. Prior to the building of the World's Fair the interest of the citizens permitted a city ordinance to be obtained, which provided that the institution might select a site in Forest Park and erect a building to be forever devoted to the purposes of art instruction. The act provided that the museum collections should be opened to the public free on Sunday afternoons, and that the mayor, comptroller, park commissioner, and president of the board of public improvements should be added to the board of control when possession should be taken of the park building. When the exposition was organized, suitable material for the formation of an art committee was found among the friends of the school and museum. The exposition authorities decided that it would be most fitting that a permanent home of art should grow out of the exposition to continue its work of education and enlightenment in a broad and inspiring manner. Accordingly the central structure of the great Art Palace was built in a permanent form, at an outlay of \$640,000, with the anticipation that if all should go well the art museum and school might in conformity to the ordinance referred to and with the consent of the city acquire this building as its permanent abode. Largely through the exposition also, the museum has acquired a very comprehensive collection of reproductions of American sculpture, which is now installed in the large central nave of the park art building. Taking advantage of the favorable conditions now existing, a renewed and greatly enheartened activity has been inaugurated by the board of control. The museum membership has been greatly augmented. At this writing the holdings of the school and museum have increased from the small beginning in 1880 to a total of over \$2,000,000. Broad plans for the enlargement of the work have been mapped out, providing for a monumental museum of comparative architecture, as a new department, and for other features intended to bring the educational influence of the institution home to the people of the surrounding country as well as of its home city.<sup>a</sup>

With a liberality of purpose rare to find, which has especially endeared his memory to us, Mr. Wayman Crow, when he presented to the art school the home of the museum, contemplated such a possibility as its extension through the generosity of other and perhaps wealthier men, and refused to have his name connected with the institution in any way, saying: "If there is to be a name, let it be the name of St. Louis until some generous-minded citizen shall come forward and shall provide for the whole work that I am in a small way inaugurating—then let it bear his name." No institution in the country in its earlier stage of development had seemingly a more brilliant future in store for it than had this—a promise attributable to the liberal and broad-minded view of the then chancellor of the university, the late Dr. William Greenleaf Eliot. Following, however, there were several years comprised in a period which might be

<sup>a</sup> Since the above was put in type, the museum collections have been moved to the new park building, inherited from the exposition, and the city has established an art museum fund of one-fifth of a mill on the dollar of taxable property, which will add to the museum's income for the next fiscal year about \$102,000, and will increase with the growth of the city.

described as one of arrested development. Fortunately, more recent influences which have dominated the institution have revived the spirit in keeping with the carrying out of the broad and liberal plans formulated in the earlier years of its development.

The work laid out for the accomplishment in planning the development of this institution to fulfill the hopes and ambitions entertained at the time of its dedication was far broader than any visible resources, wider and deeper than the scope of the usual art institution. Free from any restrictions, the aim was to help to broaden the accepted conception as well as the appreciation of art, and to help to broaden the lives of our people through making art a vital, everyday influence in commerce, in industry, and in living—an ennobling and enriching possession of all the people. It was clearly seen that successful efforts to further this ambition would have a far-reaching influence upon American life and upon industry. It was recognized at the beginning of the work, and adopted as a working maxim, that art is simply the expression and the fulfillment of the healthy and natural longing of normal human beings for beauty and for the expression of ideality in design and workmanship, and should therefore be a matter of everyday enjoyment and use to every normally constituted man, woman, and child. With the understanding (that is better understood in France, Germany, Japan, England, and elsewhere than in our own country) that art or good workmanship—call the factor of ideality by what name you will—is the difference between success and failure in industry, it was sought to engender in our own country the appreciation of that beneficent influence in commerce and in life.

In some way similar to this, one after another, art institutions to the number of over a half hundred have sprung up in our country. The influence for good they have already had upon the minds of our people is incalculable. That it is a very practical and useful as well as purifying and æsthetic influence may easily be discovered. The principal of a young ladies' preparatory school attached to a well-known university said to me that the years to which she looked back as the most fruitful and instructive of her life were those spent in an art school. There she had learned to see as she never could have seen without that artistic training. There, too, she had learned to command her hand and make it follow the eye and the brain. She imbibed the principles of composition and good taste as applicable to literature as to art. She says that she constantly looks back to her experiences at that time for the inspiration to meet the practical difficulties that confront her daily life.

When we examine the class of people who pursue the various studies in this St. Louis institution, for example, we find almost every trade and profession in its city represented. No one for a moment supposes that these people are pursuing their work simply as an amusement. Neither will the most careless observer decide that most of them are working with a view to becoming professional "artists"—that is, people who expect to produce original pictures, busts, and statues as a profession. In the evening class four-fifths of those working are engaged in trades or professions that require a knowledge of drawing or modeling to follow them successfully.

In building up a new museum with limited resources a point to be kept in mind is the value of concentrating on some line of collecting in which it can reasonably hope to command the attention and respect of men of intelligence in art matters and at the same time serve as a valuable factor in art education. Thus the St. Louis Museum, for a quarter of a century mainly dependent upon voluntary or solicited contributions, has aimed, and endeavored with all the energy it could command for that purpose, to possess a notable and comprehensive collection of American art, and has made substantial progress toward realizing this aim. And again, devoted as this institution has been to the broadest type of art educational work, it has necessarily found comprehensive collections of applied art work indispensable, and has ceaselessly endeavored to advance in this great field—a field the more suited to a young and not too wealthy museum from the fact that with knowledge and painstaking care very moderate expenditures can be made to produce results of great educational value. Under these conditions the St. Louis Museum, while congratulating itself upon its paintings by old French, Italian, or English masters—by Corot, Dupré, Daubigny, Israels, Cazin, and other great workers and grateful for them and fully recognizing how much its usefulness is extended by the possession of these examples of high attainment, yet feels that it must rely almost entirely upon the direct gifts of such works, or of funds designated for their acquisition, to extend its collections in this direction, and believes such an attitude most reasonable for a young American museum. That the friends of the museum and of American art have the courage of their convictions in this respect is shown in recent gifts, and especially in one already alluded to, which came from a friend of American art in the form of a very substantial recognition of this plan, establishing an endowment of funds invested to yield an annual income of something over \$10,000, with the single condition that every dollar of the income should be used for the acquisition of works by American artists.

If we admit that there may be in the future such a thing as an American art, it seems to me that it must be essentially a creative art, and that for this it must be a response to a national hunger. It must be based on popular appreciation of artistic principles; must have an intimate and vital place in the minds and the lives of all the American people. It must invent as the art of the fifteenth century did. It must study the works of all schools and carefully select their best points as a basis for further building, without servilely copying them. It may in one sense imitate, but must not merely reproduce. Out of well-sustained American effort to realize art as a national possession would grow an art not French, English, or German but American that would approach more nearly a universal style than any now existing, and that would be felt in every American production into which the principles of art can enter as a constructive element.

In building up in a locality any extensive movement, such as a thorough art educational work, the organization of which must be dependent upon monetary contributions of individuals, it will, of course, be found that the interest of people must be appealed to in some way before their aid is sought. In any community may be some man who will give generously toward the establishment of an art museum, but there must be wide interest before giving can become general. This, obviously, in a new field, among a community where the development of civilization has been in large part of the ruder sort, concerned chiefly with the more obvious phases of utilitarianism and materiality, and to not any very great extent including the refinements, will make the growth of an art institution slow at first. In St. Louis, for example, a generation ago, when one man had come forward and erected at a cost of nearly \$150,000 a building dedicated to the uses of the art school, it was thought that it would not be difficult to secure by gift a fund of \$100,000 to be devoted to the purchase of works to be placed in the building. The history of the years next succeeding proved, however, that it was then as difficult to secure gifts amounting to \$30,000 as to secure \$300,000 in a neighboring city where there had been opportunity for art educational truths to attain wider appreciation. A few persons in Cincinnati at an early day saw the wisdom of placing those conducting the practical work of the art school in a position to shape their work so as to reach the homes of the people. Those who know anything of the work of the Cincinnati School of Design know how its influence has reached every class of people in that city. Enter almost any house and you will find an evidence of its teaching expressed in the bit of carving, the decorated panel, or study in form. The support given to the popular phase of the work of that school made it possible to develop and shape an intelligent public opinion, and, as a result, when there came a call for large funds to establish the work upon a broader and more liberal foundation people were ready to give. This was not due to any difference in nature between the people of the two cities, but was simply a matter of wisely directed educational influence creating a popular appreciation. Had it been made possible at the beginning of the work in St. Louis to conduct a similar educational

campaign, similar results would have followed for its school and museum many years ago, and long since an abundance of feeling on the part of the whole community would have grown up in favor of making such an institution a great factor in the higher training of the people not only of the city but also of the country tributary to it.

In the development of an effective art institution, especially in working along the lines of greater practical usefulness (which involves building for the future), obstructions will sometimes be raised in most unexpected quarters, through dismal failure to comprehend the nature of broad constructive measures, or through the tacit opposition to whatever they fail to understand on the part of some whose assistance it would seem should be taken for granted, but generally are to be overcome by the constructive worker, with the proper application of labor and leverage, for the inevitable logic of nature is on his side. The most adverse criticisms of his methods in pursuing the good as he understands it should be always welcomed by him, for whatever their motive they show that those who make them take interest enough to give their attention, and draw the attention of others, at least to the most obvious conditions to be met, with a view to suggesting improvements or correcting errors, and the one great foe of progress—the captain-general of the forces of negation—is apathy.

Art advancement in this country, as a general movement as well as in the detail of method, has still to deal with active opposition. Gratifying to say, however, we find not only that influences formerly antagonistic have been won over, but also that less of the obstructionism comes from the uncivilized lack of ability to comprehend what we are aiming at, than comes from engrossment in other necessary progressive work, accompanied by the fear that devotion to art may detract from possibilities in other desirable directions, a fear which, so far as it is based upon desire for the public good in any direction, melts away as it is learned how universal a factor for advancement art education is.

The whole study of art may be viewed in so many aspects that we need not be surprised to find many opinions on it, or that these opinions are expressed with a confidence in proportion to the narrowness of the view taken. Many, indeed, of the theories and systems advanced are the work of amateurish critics, too often of little practical use, and naturally so, for a larger view alone reveals the difficulties of the subject. It would be next to an impossibility to trace the line of error through the various opinions and theories of the day, and indeed an attempt to do so might serve to increase the very evil we desire to abate. One expending his effort in refuting fallacies or in destroying misconceptions would show lack of wisdom. There is but one way to make large progress, and that is by constructive work.

Those who have had any experience in the actual carrying on of any branch of art work in education are familiar with the arguments brought up against attempting to do anything "just now." It is always the same thing, based upon a feeling of inertia the best antidote to which is simply a persistent pegging away. We are told, for example, when we propose some progressive step for the advancement of a city in art, that the people of our particular municipality are different from the people of other cities-cold toward art, or too much engrossed with innumerable other activities and "can not do everything at once," or anything "at present"—and that the masses of our people are not far enough advanced to warrant our taking up the work with the same spirit displayed elsewhere. These and like remarks are freely offered by those who feel that their peace is being disturbed; yet if we work on indomitably for constructive, permanent results with the true spirit of the builder, we always find evidence that our people are not lacking in appreciation, and that great good can be accomplished to the general advancement of the city, out of all proportion to the cost of the work when the results are impartially compared with what of real value is ac complished through expenditure of time and money in different fields.

There is no justification for a negative attitude on the part of those able to assist in this work; but if people will persist in it we should not allow them to influence us in

any way. The work may be advanced by wise action, and it may be retarded by the unwillingness of passive obstructionists, but opposing influences are doomed to be thrust aside. Civilization will go on irresistably. Indeed, those engaged in advancing general art education are working merely as instrumentalities of an inevitably progressing movement.

In considering modern industrial methods of production and their influence upon art and upon the advancement of mankind and the attitude toward them proper to be held by artists, let us remember that, since art is for all, distribution is nearly as important a factor in art production as it is in industrial production. Were it not for modern productive methods objects of art would, as of old, be almost confined to the few by reason of cost and scarcity. Surely it is better that all the people should have for common use articles possessing qualities of beauty, even though not artistically complete, than that all the art treasures of the world should be mewed up in the houses of the rich and out of the reach of the great mass of the people. It can not be denied that the distribution of colored lithographs of great paintings by newspapers and other agencies has wrought wonders in elevating the taste of millions who had else never seen or heard of such pictures. I do not for a moment pretend that these copies are always well done from a technical standpoint; but I do say that they convey the thought, the sentiment, even in many cases the beauty of execution, which the artist has put into the work, to millions who are thus led to understand and value the beautiful.

It is true that it may be hard in many instances to reconcile the conceptions of art with the conceptions of the mechanical engineer. We are as yet unadjusted to the modern influences which have so multiplied the power of man to modify nature to do work. Perhaps we as little know the artistic possibilities in the full perfection of mechanical applications as our predecessors could know of what has already been accomplished. It is still true that the greatest of the world's artists have had to deal with the humblest implements of industry, and again true that the ruder tool is endowed with a cryptic value as the formal symbol of an art; yet I can not see that the harvesting machine need in itself be a less interesting or beautiful thing than the reaper's sickle, and on the contrary I see that the artist may as well supplement the workman in the use of modern tools as in the use of those of ancient times. Why may not that perfected and highly useful mechanism, the modern printing press, a product of man's brain which seems almost to have acquired human intelligence, be as artistic as the press of Gutenberg, provided always it be so made that it conforms to standards of grace as well as of utility? Considered in view of its functions and the purposes of its creation each, an agent for the distribution of thought and knowledge, has a dignified part in the advancement of civilization and the development of art.

How largely industry and commerce may be served by art may be seen in the fact that artistic workmanship is one of the qualities most universally appreciated and sought for throughout the world. When we look at the history of countries that have grown great in commerce or manufactures, we find that their industries have been under the influence if not the absolute control of that which we may style "art." When we inquire as to those countries which draw to themselves the homage of travelers and students from over the world in the largest degree, and so prove themselves the most powerful centers of human interest in this world, we find that they are supreme in art.

If beauty were to become a thing apart from the life of man—if the things to which art applies its mystic halo of ideality and sentiment were to be locked up in muscums, to be looked at with scant understanding and never made use of practically, while mere obvious utility, obvious at the cost of ugliness, ignorant of ideality, were to be the standard for the things of daily life—then indeed art were dead and industry without its soul.

This thought was dominant with William Morris and his collaborators when they introduced in England an industrial revolution that has affected this country as well

ED 1905-VOL 1-15

and was expressed by Mossis but a few years since, in picturing existing conditions, when he voiced the belief that "art was sick unto death," and that the cause of her undoing was that "the artist came out from the handicraftsmen and left them without hope of elevation," with the result that "both have suffered, the artists no less than the workmen."

In a measure, the direction taken by the industrial progress of the world in the last century of marvelous mechanical achievement, with its feverish activity in the production of material things to meet great and growing demands, has, through the almost absolute devotion of the powers of the modern world to primary mechanical needs, for a time militated against the growth of some of the finer and higher sentiments; yet this has come about by reason of a temporary displacement of the older ideals, rather than by any inherent antagonism.

No mere theorizer, but a practical man, and withal a most earnest, honest, noblehearted one, Morris made himself proficient in six different trades-weaver, blacksmith, wood carver, painter, dyer, printer. He also composed good music, wrote good poetry, was an accomplished linguist, good speaker, and master of the art of bookmaking in the old style of those who made books for the love of it. The creative power of art in industry is seen in the fact that the aims and work of this man and his associates at Kelmscott House have, at least in the realm of the decorative arts, revolutionized the houses of nearly all the English-speaking people of the earth. Had they done nothing more than "to lure us away from the thralldom of the haircloth sofa" and other such monstrous products of that mania for mere elementary utility which shouted aloud the love of ugliness, these true arts and crafts workers would be entitled to the lasting gratitude of mankind. They have done much more than this. They breathed into their work the spirit of loving interest which made the product a part of themselves. They gave the best of their minds, the highest flights of their imagination, the honest, careful work of their own hands, to the simplest things they made. Through this they accomplished two great ends: First, the creation of things both useful for our common needs and beautiful, maintaining what has been well called "the balance of the useful and ornamental;" second, the demonstration again that there is still the demand for beauty even for the most commonplace thing, if that beauty make the thing not too costly for common usage and be of a kind fitted to the use-qualifications as essential from a true artistic standpoint as beauty of form. In thus living the old doctrine that a useful thing is more useful if beautiful, and that there is a beauty of fitness as essential as lines of grace; in thus showing us how it is the mission of the artist to bestow ideality upon things and thus to impress conceptions and sentiments of beauty upon men, this school of art workers sounded the keynote of an art revival and a higher industrial development.

An epoch-marking lecture was delivered by Cardinal Wiseman about fifty years ago under the title "Relation of the Arts of Design to the Arts of Production," in which he endeavored to bring home to his audience that these arts are intimately connected by their nature and should be so in their application. He held that a decay in art had come because of the fact that to a great extent this connection had been severed, and used a very striking illustration to show how this change had come about. He pictured the establishment of an art museum in England, one department of which should be filled with a complete collection of objects of purely classical Roman art of about the first century, including fine marble statues, a richly colored pavement, Etruscan vases, bronze household utensils, engraved gems, and gold and silver coins of rare workmanship. He then assumed that some Roman gentleman of that period should appear upon the scene and should have the right to make such use of these things as his taste and the habits of his time would have dictated. With these in mind the Cardinal tells us these objects, valued by us purely as works of art, would have been disposed of by the Roman thus: The statues, unless they happened to be those of his ancestors (in which case they would go into niches of his home), would have gone to his garden, .

or elsewhere, merely as pieces of household furniture; the pictured mosaic floor would be used as we now use our floors, not to show as a picture, but to walk upon; of the Etruscan vases he sends one, a water jar, to the scullery; another, an oil holder, to the kitchen, and a third, which is a basin, to his dressing room; the bronzes go, some to the kitchen, some to other apartments-all are articles of common usage; the gems he wears as ornaments, and the coins he naturally puts in his purse, since to him they are the money in daily use. Thus the Cardinal showed how these articles, from our point of view far too rarely beautiful and sacred for any other use than as models of artistic taste, were to their former owners ordinary utensils adapted to every-day rough service, because at that period of Roman history a perfect understanding of the uses and benefits of the applied arts prevailed, so that almost every valuable thing that was made was by a certain necessity made beautiful. No distinction obtained between the arts of design and the arts of production, and because of this every artist was an artisan, every capable artisan an artist. To show further how vital is the influence of this union, the lecturer instanced from history the instructive examples of men who produced the greatest art works of their day—in some instances of all time. Thus the great Benvenuto Cellini, Lucca della Robbia, Brunelleschi, and others have shown to the world how the highest artistic genius has felt itself not demeaned by the roughest work of the forge, hammer, or chisel. From this we have those rare gates to the chapel of Henry VII in Westminster Abbey, worked by Torgianio, a contemporary of M. Angelo. From such instances, as from the work of Hoffman, of Nuremberg, creator of "The Beautiful Fountain," at once artist and a craftsman, or Matsys, of Antwerp, the artist-blacksmith, or Kraft, the artist-mason, maker of the wonderful stone stair in the church of St. Lawrence at Nuremberg, we learn that the union of these qualities of designer and workman in the same individual man is historically coincident with the greatest art production. Most conspicuously was this true with the greatest of all artists, the incomparable Michael Angelo; but, indeed, not confined to any branch of art, this truth pervades the whole realm of it and characterizes nearly all its greatest examples. The walls of houses in ancient Rhodes, Pompeii, and Herculaneum were decorated by the greatest artists of the day. Raphael himself thought it not beneath his dignity to decorate a gallery.

The reasoning to be drawn from these historical illustrations seems to establish conclusively that if the union of the art of execution with the art of design—of the artisan with the artist in the same individual—can no longer be maintained as of old, there must then, unless there is to be an end of art in the broadest and best sense, be the most harmonious cooperation between designer and producer, with high ideality on the part of each.

If there exists any seeming antagonism between the artist and the engineer, it is reconcilable, for the business of both is to express human ideals; and it will have to be reconciled, for they must work together. This is essential, because art is to be for all, and there are not enough artist-artisans in all the world to-day to produce, working as did William Morris, one-thousandth part of the art objects needed.

The severance of the artist from the artisan lamented by Cardinal Wiseman, and perhaps reaching the climax of its ill effect in England at about the time of his utterance, fifty years ago, is not to be charged to the industrial requirements or tendencies of our own time, having had its origin long ago, as a social movement incident to an outgrowth of mistaken ideas as to the indignity of labor. If it may have been emphasized by the introduction of modern machinery with the consequent partial elimination of certain forms of hand work which were vehicles of artistic expression, I believe that this effect is temporary and belonging only to the elementary stages of the utilization of machines, and that modern conditions offer means of reuniting the old spirit • of the designer with the spirit of the producer, and so, indeed, favor the development of art in ways far beyond the vision of the artists of long ago. Morris disclaimed any prejudice against machinery, though I think he with all his school have been in fear lest craftsmen might become as mere parts of machines. To some the thing which is made is not beautiful unless there are upon it "the loving mark of the tool," and this must be the hand tool, not the machine. Morris we know used machinery just as little as he could, reversing the custom of some manufacturers of never using a man where they can make shift with a machine. The widespread application of such extreme—may I say, narrow?—practice is, however, prohibited by modern economic conditions. On the one hand, starvation would follow fast in any country whose artisans eschewed the use of all machinery or insisted that each product should be in all its parts the work of but a single handicraftsman. On the other hand, the use of machinery inadequate to its task and the unskillful inartistic management of machines have been a stigma upon the greatest modern contribution to human progress.

A broader view satisfies me that the modern workman need not lose his individuality, power of design, or love for the beautiful, even though his part is manipulating some machine that makes only the head of a pin. While such narrowly mechanical work does not of course conduce to efforts of imagination, yet the machine is but a tool expressing the imagination of the designer, more complicated than the tools of the past, still, after all, a tool, as the hammer, the chisel, the pencil, the brush. Those simpler instruments are more under the control of the heart and mind of the workman, it is true, than, say, the modern machinery for weaving and printing decorative designs upon fabrics or wall papers; yet with skillful workmanship the machine may afford the designer far greater power, may be far more under control, than ever could the ancient tool: We have in Japanese block prints examples of the artistic possibilities of color printing.

Right, then, in the conclusion that our industrial evolution is not inimical to art, may we not proceed a step farther, and find that art is indeed an essential factor in industrial development—that industry is indebted to art for a share of the great results it has wrought? Shall I be regarded as very ignorant or mistaken when I say that a mechanical drawing may be and should be artistic—that if it is so, the machine to be made from it will be better? Surely, drawing as an art-the delineation of formis and always has been at the very foundation of all the productive agencies connected with the decorative arts. This, as has been pointed out frequently, is strikingly illustrated in the wonderful industrial development of France, and the even more startling industrial advance of Germany following in the footsteps of this. "Drawing and industrial schools form the true basis of the wealth of France," the Prussian minister of commerce stated officially in 1873. It was his belief that the art instruction given in the French trade and other schools, and applied by their students in industrial production, added so greatly to the value of French articles of commerce that they were the prime cause of the amazing national prosperity; and he recommended the introduction of the system into Germany. How diligent the Germans have been in carrying out the spirit of this recommendation, and with what splendid results for German progress, should be matter of general knowledge to our people, and has already been pointed out in this paper. Kunstgewerbe schools and museums have been established all through Germany; enormous appropriations made by the German Government, as also princely gifts by individuals; and great efforts carried on to extend these institutions and bring their influence to bear directly upon the working people of the whole country. A recent American authority to testify of this is Mr. Charles M. Schwab, who in an interview following his return from Germany, dwelt upon the fact as having been forced upon him that the Germans are now excelling in quality and Americans merely in quantity of production. Mr. Schwab sees in this the result of superior German education, of the development of the German mind through institutions which teach the students to analyze, compare, and perfect, and

which provide opportunities for them to do so. He makes the significant suggestion that in quality, not in quantity, lies the victory of the future. Certainly, no one will deny that in all industrial countries where it has been encouraged the application of artistic skill to the designing, for instance, of carpets and wall paper patterns, of furniture, of all sorts of domestic utensils, has enormously stimulated manufactures.

So impressed were our people with the beauty of Japanese workmanship, as shown at the World's Fair in St. Louis, that they purchased more than fifteen million dollars' worth of Japanese artistic industrial productions.

The art movement in Great Britain has done wonders in dignifying labor and in improving the condition of her people. Innumerable examples might be cited to show the workings and the results of this movement. The directory of the Bank of England caused designs to be made for chairs for their meeting room some years ago; a number of artists competed; the result was the production of a chair at once comfortable, strong, and graceful in its lines, which as "the Bank of England chair" is now a wellrecognized article of commerce. Again, the Morris patterns for fabrics of all kinds are so well known and have exercised such an enormous influence upon industrial production as to need only mention to illustrate my point. It has indeed become a perfectly well-established rule of commerce that new and beautiful designs must be constantly forthcoming in jewelry, in fabrics, and in all industries affected by the decorative arts, or trade will languish. Recognizing this, the principal jewelry houses of New York contribute liberally to the local schools of design and offer employment at once to all finished students of such institutions who possess merit. That this commercial demand for designs is hurtful to art through any tendency to select inferior work and handicap the better, I believe is not true. While it may seem so in certain localities and for a limited time, yet, remember, it can not be generally true unless it negative the common experience of mankind. A design, it should not be forgotten, is truly artistic only if it be both beautiful and true—and by true I mean true to nature—the alphabet of all art—and therefore fitted for the purpose for which it is designed. I do not fear contradiction when I say that any design possessing liberally these elements of truth and beauty will not only sell, but will endure, and that the artist producing it need not despair of our commercial age. Illustrations of the value of art to a nation may be multiplied until an overwhelming preponderance of evidence is placed before those who doubt. In a recent paper on "Art education the true industrial education," read before the department of art education, National Educational Association, Nashville, Tenn., Dr. W. T. Harris gave illustrations of this, from which I may be permitted to quote one or two paragraphs. The doctor said:

In 1851, at the World's Exposition in London, it became evident that English industries were not of such a character as to compete with those of France and Belgium. Prince Albert, wise and thoughtful as he was, set about a deep-reaching system of education that should correct the national defect and recover the prestige of British arts and manufactures. The South Kensington Museum was established and day and evening art schools set up in all manufacturing centers. The museum placed at its foundation a collection of works of art showing the history of art. its beginnings, its highwater marks, and its fluctuations. On this basis instruction was given in those forms of ornamentation that the world has pronounced beautiful. There began from this time a gradual rise in the taste of the English workman; from being an artisan pure and simple he began to be an artist. England has gone forward rapidly in the direction of producing works of taste, and her useful manufactures, heretofore made without reference to beauty, have improved in tastefulness of design and execution.

### and again:

The establishment of a great national art gallery, the Louvre, and the studies of French savants in the canons of good taste had long before revolutionized French manufactures and given France the supremacy in the world market for goods that command high prices and ready sale.

There is also the other side, as pointed out by Doctor Harris in the same paper:

On another occasion I have called attention to the backward state of Swedish education in æsthetic art. Sweden is the leader in the manual-training movement, but her educators have not yet seen the importance of developing correct taste among the laborers as a condition of industrial success. Accordingly, we find that ingenuity is increasing to some extent in that country, but that there is no improvement in the artistic finish and ornamentation of their goods. Clumsy shapes and incongruous ornament are the characteristics of Swedish goods. Other nations do not want such ugly shapes in sight and do not buy them.

Thus is indicated what is meant by advancing industry through art. It is a matter that will affect the condition of every class of society—people of wealth as well as men and women who earn their living by work; it appeals to all classes alike.

The educational influence of expositions in extending the understanding of art is immeasurable. Many thousands of Americans, indeed, saw an art collection for the first time when they visited St. Louis in 1904. There are comparatively few art exhibitions or collections of art works in the West and Southwest. The value placed upon the opportunity is indicated by the fact that the art galleries were always well filled, and were crowded badly at times when other buildings were only moderately full, 111,000 visitors having been counted on one day in the American section alone.

# EDUCATIONAL INFLUENCES OF EXPOSITIONS—CHICAGO AND ST. LOUIS.

At the Columbian Exposition at Chicago we were convinced that the classification ought to be arranged on so broad and liberal a plan and so expressed as to make it possible to bring together the finished products of every branch of artistic activity. To carry out this principle, we thought it wise to include what had been called the ''industrial arts'' and to obliterate the line which up to that time had separated the ''fine arts,'' so called, from other original expressions of art workmanship by adding to the usual classification scope a group of exhibits under the title ''applied art.'' Under the classification so broadened, all art works, whether on canvas, marble, plaster, wood, metal, glass, porcelain, textile, or other material would be recognized as equally deserving of respect in proportion as they should be worthy from the standpoints of inspiration and technique. Art craftsmen were to be given full advantage of this broader classification, which would comprehend all forms of artistic representation in which individual artists or groups of artists working cooperatively express their thoughts in whatever media they may select. The last ten years has seen a great development of interest and activity in the revival of the handicrafts.

At that time the applied art workers of our country were not far enough advanced to avail themselves very fully of such opportunities as this breadth of classification presented to exhibit the possibilities of American art. The influence of the effort that was made, however, exceeded the hopes of those who had inaugurated it, and at the time of the St. Louis Exposition the application of art to objects of workmanship had made such progress that entirely new conditions existed.

The art department at St. Louis felt justified in still further broadening the work, with the result that no thinking person who spent much time in the St. Louis Exposition art galleries could fail to be convinced of the importance of including the applied art work in the art exhibit—importance for its good influence in the development of our manufacturing industries as well as for its value in disclosing to hundreds of thousands of studious visitors some of the possibilities of art for them and developing their appreciation of form and beauty of color; and importance also for its effect as a feature of an exposition in exciting the interest and applause of visitors. The following classification, while not attempting to be a perfect grouping of the branches of art work, is yet believed to be very inclusive, and is reprinted here as marking a point from which there should be no retrogression in future exhibition work:

### LOUISIANA PURCHASE EXPOSITION-DEPARTMENT OF ART.

#### CLASSIFICATION.

The department of art of the Louisiana Purchase Exposition will be open to such works of American (United States) and foreign artists, whether previously exhibited or not, as may be classed under the head of art, in accordance with the following general classification:

daintings, CARTOONS, DRAWINGS, ARCHITECTURE, SCULPTURE, DECORATION, AND ORIGINAL OBJECTS OF ART WORKMANSHIP.

#### GROUP 9.-Paintings and drawings.

Class 27.—Paintings on canvas, wood, metal, enamel, porcelain, faïence, and on various preparations; by all direct methods in oil, wax, tempera, and other media; mural paintings; fresco painting on walls. Class 28.—Drawings and cartoons in water color, pastei, chalk, charcoal, pencil, and other media, on

any material. Pyrographic designs. Miniatures on ivory.

### GROUP 10.- Engravings and lithographs.

Class 29.—Etchings and engravings in one or more colors. Autolithographs with pencil, crayon, or brush.

#### GROUP 11.-Sculpture.

*Class 30.*—Sculpture and bas-reliefs of figures and groups in marble, bronze, or other metal, terra cotta, plaster, wood, ivory, or other material.

Class 31.-Models in plaster and terra cotta.

Class 32.-Medals, engravings on gems, cameos, and intaglios.

Class 33.---Carvings in stone, wood, ivory, or other materials.

### GROUP 12 .- Architecture.

Class 34.-Drawings, models, and photographs of completed buildings.

*Class 35.*—Designs and projects of buildings. (Designs other than of architectural or constructive engineering.)

Class 36.—Drawings, models, and photographs of artistic architectural details.

Class 37 .- Mosaics, leaded and mosaic glass.

#### GROUP 13.-Loan collection.

Selections of especially interesting art works of various kinds from institutions and private collections. (Representing the various classes defined in the department of art.)

#### GROUP 14.—Original objects of art workmanship.

Class 38.-Art work in glass (other than that which is included in group 12, class 37).

Class 39.—Art work in earthenware. (Pottery or porcelain.)

Class 40.-Art work in metal (other than that included in group 11, class 30).

Class 41.-Art work in leather.

Class 42.-Art work in wood (other than that included in group 11, classes 30 and 33).

Class 43.-Art work in textiles.

Class 44.-Artistic bookbinding.

*Class 45.*—Art work worthy of representation which is not covered by any of the preceding classes of this group or other groups of the department of art.

This art classification comprises five main divisions or "groups," correlated to the more distinct branches of art work, and nineteen subdivisions or "classes," each in turn comprising certain closely allied phases of expression. Each "group" is characterized by aims, standards, and techniques strongly divergent from those of other "groups" and calling for a certain peculiar appreciation and knowledge in the just appraisal of its exemplifications. It was the plan that the selection and judgment of exhibits in these various "groups" should be intrusted to juries and committees of special as well as general artistic training, so far as practicable, although it was desired to characterize the exhibit of the art department as a whole by a breadth of view and harmony of standard not perhaps compatible with too minute specialization of view-point. It was deemed that the subdivisions of the "groups" into "classes" would bring into juxtaposition works sufficiently similar in character to be judged in committees, that no class of work should lack sympathetic and comprehending representation.

To these five exhibit groups covering the range of art work and including all competitive exhibits was added to complete the St. Louis Exposition Art Classification, for its educational value in such an art exhibition, a special noncompetitive "loan collection group," to comprise a comparative and retrospective collection of works selected for their etiological and educational value from the whole field of art, but to consist in the main of such masterpieces of various schools and times as would afford visitors the opportunity of seeing the best art that has been produced, while especially indicating the rôles, sequential influences and reactions of contemporary schools and illustrating the world's artistic development.

In order that the art of each country of the world might be adequately represented and justly recognized, it was essential that a high and catholic standard of judgment, comprehending the national points of view and phases of artistic aspiration, should be observed in the selection of exhibits for each national section and again in the distribution of awards. It was essential to give to all people who could produce art work worthy of serious consideration the fullest opportunity for recognition, without regard to country, position, or race, or the media employed in effecting artistic expres-To this end the official representatives for each country were urged in the first sion. place to base their selections in making up their representations upon the standard of their own most enlightened national art appreciation, not upon a supposition as to what phases of their art would appeal most strongly to our people, nor, above all, upon any fictitious taste created by commercial management. With such a basis of selection it was of course clear that academic restraints would be held in check and that the various national sections must evidence points of view as wide apart as to what is best in art as are the art workers of China and Japan from those of the South American Republics, in geographical location or historical development.

Of the influence for good upon the people of our country very much may reasonably be hoped. The art impulse traceable to the Columbian Exposition, already referred to and evidenced again for another example in the increased demand for a better and more dignified character in architecture, enriched by the work of mural painter and decorative sculptor, indicates the measure of good born from the influence of a great exposition. In another manner was shown an earlier stage of our artistic development under the impulse of the Centennial Exposition (1876), which may be said to have crystallized the artistic consciousness of our nation. In a greater degree than was possible following either of the previous expositions, may it be predicted, our people, particularly of the Middle West and South, will profit from the artistic influence of this exposition. The multitude of visitors who thronged the sections of the art department have had awakened within them a realizing sense of the value of art and have carried to their homes new impressions and broader views of the possibilities of enriching their lives by making art an everyday reality.

While in the progress of the work intrusted to me certain departures from the plans as first organized and in details of operation from time to time were required, yet in essentials. notably where our plans differed from those of previous expositions, we were able, fortunately, to attain in good measure the hoped-for results. The aim of this world effort to bring into review for comparison and enlightenment the artistic achievement of mankind was to help produce a fuller recognition 'throughout the world of the value of art as a vital factor in the life work of a people.

A gratifying development was the pronounced recognition by certain of the older countries of the important position now held in art by the United States—a recognition exemplified at the beginning of our work in the increased willingness to respond to our efforts in the interest of their representation at this latest of American expositions, and subsequently, as a result of the display of our own American art in the exposition, emphatically expressed in the most graceful and pleasant manner by foreign members of the international jury of awards. In this recognition Great Britain and Japan were leaders, expressing their appreciation at the outset by adhering rigidly to the exhibit classification of the department, making throughout all groups very complete and dignified exhibits of their national arts—the most complete ever made at an exposition by any visiting countries.

Comparing American art as it appeared at the St. Louis exposition with art as shown at previous expositions, we see that a striking development has taken place in the broadening of artistic aim accompanying the maintenance of high endeavor. The influence of the Columbian Exposition (Chicago, 1893) upon the artistic development of America has been evidenced notably in a growth of appreciation for architecture, mural painting, and the applied arts during the past decade, which in the latter field made possible the impressive collection of objects of art workmanship in the American section at St. Louis, notable, indeed, as a record of artistic advancement and great in its promise for the future of most important phases of art expression, comparatively young in our country, and in the field of decorative painting made possible at St. Louis—the first comprehensive exposition exhibit of mural work. If the chief of the art departments of these two expositions might hope to look with satisfaction upon any endeavor of his in connection with art, it would be for his effort, consistently maintained for many years, finding its first great opportunity in the Chicago exposition and reaching toward fruition at St. Louis, to assist in broadening the scope of recognized art and doing away with narrowing lines, to bring under one universal test of artistic endeavor all phases of art expression, so that, alike for the product of the academically trained painter and for the most recent effort of the advanced applied art worker, or any other artistic production, whether of architect, painter, potter, glass, or metal worker, bookbinder, or sculptor, or artistic worker in another branch, the sole measure of the artist's achievement may be his comparative success in conveying inspirations and impressions of high artistic character.

The popular interest excited by the American sculptural display at St. Louis and the recognition accorded it by the international jury must work to the encouragement of our plastic art, while in this, as in every branch of art work, the unexampled opportunity to compare methods and results must prove to have been invaluable to the progressive worker, of whatever nationality, who made use of the opportunity. Very impressive was found the advance made by American sculpture since the period of the Chicago Exposition, in part traceable to the direct influence of the work created and displayed at that time, which offered to our sculptors opportunities before undreamed of for the utilization of their abilities besides providing for them the first opportunity to command the attention of the country by a display of their achievements. At the time of the Philadelphia Centennial Exposition American sculptural art was not yet in a position to avail itself of such opportunities. On the other hand, at the inception of the Louisiana Purchase Exposition it was felt that the sculptors of the country could render invaluable aid and upon an unprecedented scale, and their assistance was early sought and very fully secured, with the result. in the first place, of adding beauty and dignity to the exposition, and again, of great importance, that the influence for good of the exposition upon this art has already been plainly manifested. Among the best sculptures existing in the country to-day are direct products of its demands, executed for its embellishment, and now in the permanent collection of the St. Louis Museum of Fine Arts. The attention of the art world has been drawn to our national attainment in this field and a new estimate established of our artistic capabilities as a result of our work in sculpture at the exposition.

Almost equally apparent was the general advance of American art workers in all branches in command of technical methods and in truthfulness of artistic inspiration.

The organization of the forces available for effective participation in the work of perfecting a truly representative exposition of the art of so immense and productive a country as our own—a country, too, so abounding in differentiated circles of production—may well afford an interesting subject of study.

For the St. Louis Exposition a plan of committee and jury of selection organization for the United States art section was adopted, as follows:

First. A national advisory committee to be appointed, of representative individuals throughout the United States whose influence would be valuable in popularizing the department, who would give the executive the benefit of their advice and assistance, and through whose influence masterpieces might be obtained for the loan collection which had been planned as a part of the United States exhibit.

Second. Local advisory committees of technical men, to be appointed in important art centers in this country and abroad, to represent for the exposition the artists and art interests centered in their localities, to aid in the organization of the work and in the selection and care of exhibits to form the United States section, to enlist the interest and assistance of the local authorities, State commissions, etc., in the work where practicable, and generally to represent and further the interests of art representation, these advisory committees to be divided into groups or organized executive committees to deal with the different groups of the exhibit classification, as painting or sculpture, as conditions might warrant.

Third. Local juries of selection to be at the proper time made up in various centers where advisory committees should have been established, each such local jury to be constituted from the members of the local advisory committees, with the addition of delegated representatives from other centers to conserve uniformity in the standard of selection and put the stamp of national approval on the works chosen. These local juries should together constitute the national jury of selection and should act in conformity with the uniform rules to be prescribed.

Perhaps for the first time in the history of the work of juries of award at international expositions the number of jurors representing foreign sections was largely in excess of the number of jurors representing the home country—the United States—a condition of affairs which was a matter of surprise to experienced American jurors and of some anxiety lest prejudices might influence the results. Such, however, was happily not the case. With little exception the work of the jury was harmonious.

In recommending to the president of the exposition the appointment of jurors of awards to represent the United States section, as in every action of the department officials which bore upon the selection or judgment of exhibits, the fullest weight was given to the importance of an adequate expression of each phase of thought and effort, and this, I believe, was well appreciated by art workers. Certainly the completeness of the United States art representation indicated the general satisfaction of our artists with the manner of dealing with such problems. The experience of the department, both as to the United States and other sections, emphasized the value of the very complete consideration given the constitution and conduct of the international jury of awards.

In the St. Louis as in the Chicago Exposition the hope of the writer and of those with whom he was fortunately associated was to advance the cause of art. Through the clear-visioned policy of the art committee and others in control, it was possible to reach and consult all interests involved in the work of the department and to contribute to the furtherance of a friendly feeling on the part of art workers generally. We consistently sought this end by endeavoring to advance the plans and interests of all artists wherever possible, and numerous evidences of appreciation have been received from our coworkers and exhibitors at home and in various foreign national sections with keen pleasure.

Worthy of being placed upon record for its value in art work was the broad, liberal, outlook of the president and other officials of the St. Louis Exposition, the keen appreciation of large and permanent interests bound up with the development of art, which made it possible to better serve that cause in many ways. It may be proper to instance the expression by Mr. Francis, upon the occasion of an address to the groups of the international jury of awards for art, of the hope that we might have in the permanent structure of the Art Palace a permanent home for the St. Louis Museum of Art as the most fitting memorial of the exposition. To recall his saying that such a result, dreamed of by the builders of the exposition from its early days, would in itself be worthy of all the effort expended to perfect the great enterprise. I believe that this recognition of the value and of the interests of American art came to be appreciated by artists and art lovers, and that through its helpful and harmonizing influence and its possibilities in furthering artistic interests not alone have been furthered the more immediate interests of the Louisiana Purchase Exposition, but also the advantage of expositions of the future and the general cause of American art education.

The need of European exhibitions adequately representative of American art was testified to by foreign commissioners at the St. Louis Exposition. Mr. Willy Martens, commissioner for Holland, said, comparing American art as he saw it then with the idea of it which he could obtain in Europe:

I should say that there has never been a display of American art as complete as we have seen here. This display has been quite a revelation to us foreigners.

Professor Doctor von Petersen, juror for Germany, spoke at length on one occasion to the international jury of awards for art of the desire of European lovers of art to learn what art message America has for the world. Lamenting the existing conditions, Professor von Petersen said:

I have been at the head of the international exhibitions at Munich upon several occasions, and at each of these times American art has been represented by excellent American painters working in Europe; but, although we have desired it very much, we have never been able to get a representation of the artists working here, nor even has there been any collective representation of American work, since the work even of the American artists who have appeared has been scattered among the productions of the other nations.

Provision should be made from public funds for national participation in such annual international exhibitions in European art centers. Representative national collections should be made up by selecting among the various types of artistic expression works representative of all groups of art workers both at home and abroad. This would result in a complete representation of what is being done at the present time in art by all workers of this country and would unquestionably enhance our prestige abroad.

This work might be accomplished under the supervision, as already suggested, of a bureau of expositions—experts in conjunction with a regularly established congressional committee—such as that already in existence known as the Congressional Committee on Industrial Arts and Expositions. ø

# CHAPTER XI.

# CURRENT TOPICS.

# CONTENTS.

	1 (18. )
COMPULSORY-ATTENDANCE AND CHILD-LABOR LAWS	185
CONSOLIDATION OF SCHOOLS AND TRANSPORTATION OF PUPILS	193
FREE TEXT-BOOKS AND SUPPLIES	194
TEMPERANCE INSTRUCTION IN THE PUBLIC SCHOOLS.	195
SUNDAY SCHOOL STATISTICS OF NORTH AMERICA	196
LIST OF EDUCATIONAL PERIODICALS	202
Religious exercises in public schools	204
Corporal punishment in city public schools	205
REQUIREMENTS AS TO VACCINATION OF SCHOOL CHILDREN	207
LENGTH OF SERVICE OF CITY TEACHERS	208
Teachers' pensions in Germany	209
Higher commercial education in Europe	216
SALARIES OF CITY SUPERINTENDENTS AND TEACHERS.	217
STATISTICS OF EDUCATION IN FOREIGN COUNTRIES	229

### COMPULSORY-ATTENDANCE AND CHILD-LABOR LAWS.

The following table has been revised by including the legislation of 1906. This legislation covers the following points:

In the District of Columbia the annual period of required attendance has been extended to include the full school term.

Georgia now forbids children under 10 to be employed in factory work under any circumstances; or (after January 1, 1907) under 12 unless necessary in certain circumstances for their own or their parents' support. After January 1, 1908, a specified degree of education or amount of school attendance will be exacted up to the age of 18 as a condition of employment.

A child-labor law has been passed in Iowa prohibiting the employment of children under 14 years of age in various specified occupations.

Kentucky, which previously prohibited the employment of children under 14 in factories, mines, etc., now broadens the prohibition so as to include several other kinds of employment, except in vacation time.

The Louisiana law now prohibits the employment of boys under 12 and girls under 14 in factories, etc., in cities and towns of 10,000 inhabitants or more.

In Massachusetts a standard is prescribed for those to come up to who are required to be able to read and write as a condition of employment.

In New York the minimum age for labor in or about mines has been fixed at 16 years. Females are not allowed to work in mines under any circumstances.

In Vermont the list of forbidden employments is extended to include railroad and quarry work, and no child under 16 is permitted to engage in any forbidden employment in school hours unless he has completed the 9-year elementary school course prepared by the State superintendent.

No attempt has been made in the table to note the provisions regulating the hours of labor of minors. Such regulations are now very general

Many States, in general terms, forbid, or permit only under restrictions, occupations dangerous to the life, limb, morals, or health of children. In some States the employment of children in begging, theatrical and circus exhibitions, on dangerous machinery, in occupations requiring the handling of intoxicating liquors, nightwork, etc., is specifically forbidden. Where the employments forbidden are not specifically enumerated the enforcement of such provisions of law is difficult, from lack of judicial interpretation as to what constitutes an employment dangerous to life, etc.

ap
1
child l
and a
attendance
ompulsory
toc
relating
provisions
Statutory

or.

Age.	COMPULSORY EDUCATION. Annual period.	Penalty on parents for neglect.	mp	CHILD LABOR.ª loy- Educational restrictions on child labor.
	4	0	ments are forbladen. 10 years, in factories in all cases; 12, unless orphans, or children of the	
12 weeks; 6	12 weeks; 6 consecutive	\$5 to \$25.	widowed or disabled, 12, in mines. 10 years, in all cases in manufacturing establishments; 12, unless to sup-	No child under 14 may be employed in a manufacturing establishment unless
Full term		First, not over \$10 or 5 days' imprisonment; subsequent, \$10 to \$50, or 5 to 25 days, or	porta aptento read, iamiles spectaed by law; 14, in mines; females not at all in mines. 14 years, in any mercantel or manu- facturing establishment, workshop, hotel, or as messenger, etc. Chil-	ne artents school 12 weeks each year and can read and write English. No minor under 16 may work for gain in school hours unless he can read and write English or attends night school.
do		рорл. \$5 to \$25	dren 12 to 14, upon permut, may work if parents incapacitated or during vacation. 14 years, in any underground works, mine, smelter, mil, or factory. No female may be employed in a coal	Unlawful to employ children under 14 during school hours unless they have compiled with the school-attendance form mode 16 mode 20
do		Not exceeding \$5 each week of absence.	mme. 14 years, in any mechanical, mercan- tile, or manufacturing establish- ment.	write, under 10, unappe of read and write, unless attending day or night school. Children under 14 may not be employed while school is nession. Children 14 to 16 can not leave school to be em- ployed unless their education is as aits.
			14 years, in any factory, workshop, or manufacturing establishment, except in canning industry, etc., or to support widowed mother.	interpry to the local or State school board. Nochild 14 to 16 may be so employed un- less he has attended day or night school 12 weeks the preceding year.
Full term.		Not exceeding \$20.	Children under 15 may not be em- ployed more than 60 days without consent of leeal guardian.	

(BROUGHT DOWN TO CLOSE OF 1906.)

a See remarks introductory to the table. a Children 14 to 16 whose labor is necessary to their own or parents' support are excused. a Children 14 to 16 whose labor is necessary to their own or parents' support are excused.

State.Age.Annual period.Georgia	COMPULSORY EDUCATION.		CHILD	CHILD LABOR.
8-14 Fu 8-14 Fu 7-14 Fu a 7-14 Fu a 7-14 Iô 8 16 7-14 Iô	Annual period.	Penalty on parents for neglect.	Age under which specified employ- ments are forbidden.	Educational restrictions on child labor.
8-14     12       7-14     Fu       7     7-14       8     7-14       8     7-14       16     7-14       8     7-14			10 years, in or about any manufactur- ing establishment: 12 years, after Jan. 1, 1907, except for support of self or parents in specified cases.	After Jan. 1, 1908, no child under 14 may be employed as in preceding column (with the exception there noted) un- less able to write and has attended school 12 weeks the preceding year.
a 7-14         F           a 7-14         F           a 7-14         I           a 8-15         F           7-14         8	weeks; 8 consecutive Il term, to be not less than 10 days of actual teaching.	First, not less than \$5; subse- quent, \$10 to \$50, with costs. \$51 o \$20 and costs; stand com- mitted until paid. Penalty for false statements as to age or attendance, \$3 to \$20.	14 years, in mines (constitution of State). 14 years, in any mercantile institu- tion, factory, office, theater, eleva- tor, etc., or as messenger or driver. 16, nor about any mine. No fe- mole mer work is no about.	under 18, unless so atfended school. No child 14 to 16 unable to read and write may be employed unless attend- ing an evening school, if there is one. No child under 14 may be employed at
a 7-14 1		\$5 to \$25, and, in discretion of eourt, imprisonment 2 to 90 days.	14 years in any work in or about a mutte. 14 years in any manufacturing or mereardile establishment, mine, quarry, laundry, renovating works,	any work for ways during the sensor form. Children under 16, unable to read and write English, may not be employed in forgeoing employments except in
a 8-15 F	e weeks	\$3 to \$20	<ul> <li>bakery, or printing office. No fe- male may work in a mine.</li> <li>14 years in any mine, factory, mill, shop, laundry, packing house, ele-</li> </ul>	vacation of public schools.
7-14 8		\$5 to \$25.	vator, or store where more than 8 persons are employed. 14 years, in any factory or packing house or in or about any mine; 16,	No minor under 16, may work in a coal mine unless he can read and write and
in cities of first, sec and fourth classes.	consecutive weeks; full term in eities of first, second, third, and fourth classes.	First, \$5 to \$20; subsequent, \$10 to \$50.	III any uangerous, euc., empoyment. 14 Years, in any workshop, factory, mill or mine, unless the child has no other means of support.	use internet senool a montais in the year. No child under 14 to be employed in any moreantile, laundry, or printing estab- lishment, or as messenger, except
Louisiana			12 years (boys), 14 (girls), in any fac- tory, mill, warehouse, or workshop in cities of 10,000 or more.	during vacation. Children under 14 may not be employed in foregoing employments, nor in elothing, dressmaking, or millinery establishments, unless they have ottended school A months in proceeding
Maine		Not exceeding \$25, or imprison- ment not exceeding 30 days.	12 years, in any manufacturing or neehanical establishment.	year. Vear. Children under 15 shall not be employed in any manufacturing or mechanical establishment, except during vaca- tion, unless they have attended school 16 weeks during recording to year.

188

EDUCATION REPORT, 1905.

<pre>\$10 to \$25, or imprisonment 2 to 14 years, in mines, manufacturing or 10 days, or both.</pre>

b 8 weeks for children over 14 who can read and write English and are at work to support themselves or others. The provisions tabulated for Maryland (except in fith column) are those of the act of 1902, whose operation is limited to Baltimore City and Allegany County. a To b muess regularly englarly enabler at home or clsewhere. For 06 if wandering about public places without lawful occupation, or if mable to read and write. A Must be able to so read and write as is required to enter the second grade in 1906, third in 1907, and fourth in 1908 and after. I of 16 if uncaptoped.

Statutory provisions relating to compulsory attendance and child labor-Continued.

190

EDUCATION REPORT, 1905.

Foregoing employments forbidden to any child 14 to 16 unless attended school 160 days preceding year and can read Bnglish. No child under 14 maybe employed in any work for com-	persation during school hours. No child 14to 16 may beemployed unless he can read and write English and has complied with the school laws.	Children under 13 may not be employed except during school vacations. Obildren more work in teetila setabilieb.	ments in June, July, and August if ments in June, July, and August if they have attended school 4 months during the year and can read and write.	No child 8 to 14 to be employed during school hours unless he has attended school 12 weeks during the year.	Unlawful to employ children 12 to 14 who can not read and write English, in mills, factories, etc., certain self-de- pendent children excepted.	No child under 16 who has not com- pleted the 9-year school course may be employed in any railroad factory, mine, or quarry work, or in deliver- ing messages, except out of school	nours.
14 years, in any factory, store, work- shop, in or about any mine, or in the telegraph, telephone, or public messenger service.	14 years, in any employment, except domestic, coal mining, or farm la- bor; 16 years in coal mines; 14 years in or about the outside work- ings of coal mines. (dirls may not	WORK IN OF MOUNT COMMING. 13 Years before, 14 after Dec. 31, 1906, in any factory, manufacturing or Dustiness establishment, to worse often Mon 1 1002, 11 ofter	May 1, 1904; 12 after May 1, 1905, in May 1, 1904; 12 after May 1, 1905, in any factory, mine, or textile estab- lishment, except that certain self- dependent children may work in the latter	14 years, in mines. 14 years, in workshops, factories, or	12 years, in mills, factories, manufac- turing or other establishments using machinery; 16 years in mines, distilleries, or breweries. 14 years, in mines (constitution of State).	12 years, for any railroad company or in any mill, factory, quarry, or workshop, or carrying messages.	12 years, "in any manufacturing, me- chanteal, or mining operation."
\$5 to \$25.	First, not exceeding \$2; subsc- quent, not exceeding \$5; on default, imprisonment; first, not over 2 days; subsequent, not over 5 days; subsequent,	Not exceeding \$20		\$10 to \$20 and costs; stand com- mitted till paid.	First, not exceeding \$10; subse- quent, not exceeding \$30,	\$5 to \$25.	a To 16 if unable to read and write English.
Full term.	Full term: but the school board of each district has power to reduce this to not less than 70 per cent of the term,	Full term		12 weeks, 8 consecutive	20 weeks, 10 consecutive; in cities of the 1st and 2d class 30	weaks, 10 consecutive. Full term	a To 16 if unable to read and write English.
c 8-14	d 8-16	e 7-15		8-14 (5)	8-16	g 815	
Oregon	Pennsylvania d 8-16	Rhode Island	South Carolina	South Dakota Tennessee	Texas	Vermont	Virginia

<sup>b</sup> Four counties and the city of Washington are under special compulsory attendance laws. <sup>c</sup> To 16 if unemployed. <sup>d</sup> Not applicable to children over 13 who can read and write English and are regularly employed in useful service. <sup>e</sup> Not applicable to children over 13 who are lawfully employed. <sup>f</sup> In 1906 a compulsory attendance act was passed applying to Claiborne and Union counties. <sup>f</sup> Children over 15 or under 8, when once any loss attend the full term they are enrolled for.

0
Ę
1
.H
<u></u>
E
-8
Q
5
0
abo
2
77
2
2
0
77
and
G
0.
ų S
2
0
2
es
Š
ц
y at
3
6
S
3
à.
à
33
3
to co
ť,
1 t
So
.2
Ζĺ
1
re
ŝ
e
õ
52.
3
20
a
-
P.
0
27
53
o
in
57

		COMPULSORY EDUCATION.		CHIL	CHILD LABOR.
State.	Age.	Annual period.	Penalty on parents for neglect.	Age under which specified employ- ments are forbidden.	Educational restrictions on child labor.
Washington	8-15	Full term.	Not over \$25	11 years, in mines (boys); 12 (boys), in the outside workings of a col- liery; 13, in any factory, mill, work- shop, or store, except (12 to 14) in specified cases of need.	Children under 15 may not be employed in manufacturing, mechanical, or mer- cantile estabilishments, or by any cor- portion, while the schools are in ses- sion, unless excused by the school
West Virginia	8-14	20 weeks	First, \$2; subsequent, \$5	12 years, in mines, factories, work- shops, mercantile or manufactur-	superintendent. No child under 14 shall be so employed during school term if it hinders regu-
Wisconsin	a 7-14		Full term; in cities, not less \$5 to \$50, or imprisonment not than \$; elsewhere not less over 3 months.	Ing establiantents. 12 years, in any occupation; 14, in factories, workshops, bowling alleys, barrooms, beer gardens, mines; 14 to 16, in any occupation without specified written permit; 18, as messengers (females).	Lar strendance. Children 12 to 14 may not be employed in any occupation, except during school vacations, by specified written permit, in stores, offices, hotels, mer- cantile establishments, laundries, tele- graph, telephone, or public messenger
Wyoming b 6-21 United States laws (for Territories).	b 6–21	3 months		<ul> <li>14 years, in mines; females may not work in mines. (Constitution.)</li> <li>12 years, in the underground work-ings of any mine.</li> </ul>	service, where they reside.
		a To 16. if not regularl	# To 16, if not regularly and usefully employed at home or elsewhere.	or elsewhere.	

 $\alpha$  To 16, if not regularly and usefully employed at home or elsewhere. b Penalty only for child 7 to 16, or one living idly and loitering about public places.

# CONSOLIDATION OF SCHOOLS AND TRANSPORTATION OF PUPILS.

[For further information on this subject see the Annual Report of this Office for 1894-95, Vol. II, pp.1469-1482; 1895-96, II, 1353-1358; 1898-99, I, 526-529; 1899-1900, II, 2581-2584; 1901, I, 161-213, and II, 2396-2402; 1902, II, 2353-2369.]

Per cent of total common school expenditure used for transportation.

	Main	е.	Vermo	nt.	Massachu	setts.	Connect	icut.	New Jer	scy.
School year.	Expended for trans- portation.	cent of	Expended for trans- portation	cent of		cent of		cent of	Expended for trans- portation.	cent of
1890-91 1891-92		· · · · · · · · · · · · · · · · · · ·		1. 41 1. 73 2. 04 1. 96 2. 14 2. 47 2. 90 3. 34 3. 41 3. 71	$\begin{array}{c} \$22, 118\\ 24, 145\\ 30, 649\\ 38, 726\\ 50, 590\\ 63, 618\\ 76, 608\\ 91, 136\\ 105, 317\\ 122, 032\\ 127, 409\\ 141, 754\\ 151, 773\\ 165, 597\\ 178, 298\\ 194, 967\\ 213, 221\\ \end{array}$	$\begin{array}{c} 0.\ 29\\ .\ 29\\ .\ 36\\ .\ 42\\ .\ 52\\ .\ 64\\ .\ 72\\ .\ 77\\ .\ 85\\ .\ 92\\ 1.\ 03\\ 1.\ 07\\ 1.\ 09\\ 1.\ 18\\ 1.\ 19\\ 1.\ 18\end{array}$		$0.38 \\ .34 \\ .31 \\ .38 \\ .45 \\ .50$		

# Annual expenditure per pupil transported.

	Vern	iont.	Conne	cticut.
School year.	Number of pupils trans- ported.	Average cost.	Number of pupils trans- ported.	Average cost.
1804-95.         1805-96.         1896-97.         1897-98.         1898-99.         1898-91.         1899-1900.         1900-1901.         1900-1901.         1901-2.         1903-2.         1903-2.	$\begin{array}{c} 921\\ 1, 347\\ 1, 309\\ 1, 574\\ 1, 652\\ 2, 062\\ 2, 540\\ 2, 517\\ 2, 636\\ 2, 669\end{array}$	$\begin{array}{c} \$14.05\\ 13.68\\ 14.15\\ 11.63\\ 12.64\\ 12.85\\ 12.61\\ 14.53\\ 14.17\\ 16.37\\ \end{array}$	849 773 639 780 946 1,148	\$13.45 13.91 15.36 16.46 17.03 15,43

# FREE TEXT-BOOKS AND SUPPLIES.

The following table gives certain particulars of the laws relating to free text-books and supplies in those States which have statutory provision upon the subject:

State.	Law manda- tory or optional?	What shall or may be loaned free?	Limited to what pupils, grades, branches, or expenditure?
Maine	Mandatory	Schoolbooks, apparatus, and appliances.	Not limited.
New Hampshire	do	Text-books and other supplies	Do.
New Hampshire Vermont		Appliances, supplies, and text-books.	To certain specified elemen- tary branches.
Massachusetts		Text-books and other school supplies.a	Not limited.
Rhode Island	do	Text-books and other school supplies.	Do.
Connecticut <sup>b</sup>	Optional	dô	Do.
New York	do	Text-books	To pupils of schools in union free school districts.
New Jersey	Mandatory	Text-books and school sup- plies.	Not limited.
Pennsylvania	do	Books and school supplies	Do.
Delaware	do	Text-books	To pupils (including colored) of public schools outside of Wilmington.
Maryland	do	do	Introduced into the grades successively, beginning with the first. Annual expendi- ture limited to \$150,000, ap-
West Virginia	do	Text-books and supplies Text-books	propriated by the State. To grades below high school. Not limited.
Ohio			To the elementary branches specified in the compulsory- attendance law.
		Text-books	To certain specified elemen- tary branches.
Wisconsin	do	do	Not limited.
		do	Do. Do.
North Dakota	do	Books and supplies	Do.
South Dakota	do	Schoolbooks.	Do.
Nebraska	Mandatory	Text-books and school sup-	Do.
Kansas Wyoming		Text-books Text-books and school sup- plies.	Do. Do.
Colorado Utah	Mandatory	Text-books Text-books and supplies	high school.
Idaho. Washington	Optional do	Text-booksdo	Not limited. Do.

a Including tools, implements, and materials used for instruction in the use of tools and cooking. bAn act of 1905 requires every town that has not hitherto voted on the question of free text-books to take such vote. cNo law upon the subject. Congress makes annually the necessary appropriation upon the estimate of the Board of Education.

### TEMPERANCE INSTRUCTION IN THE PUBLIC SCHOOLS.

The following table shows the leading provisions of the statutes of the several States and Territories relating to temperance instruction in the public schools:

EXPLANATION OF CHARACTERS.

M-The study of physiology and hygiene, with special reference to the effects of alcoholic drinks and narcotics upon the human system, is Mandatory in the public schools.

TT-It must be Taught in the same manner and as Thoroughly as other required branches.

TE-Teachers must pass a satisfactory Examination in this subject as a condition of employment,

A-The study must be taught in All schools supported in whole or in part by public funds.

AA-It is required of All pupils in All schools.

PRB-Pupils able to Read must be taught by means of text Books on the subject.

1/5-20 (or 1/4-20)-The text-books on physiology for primary and intermediate schools must give one-fifth (or one-fourth) their space to this subject, and those for high schools at least 20 pages. SA-Text-books must give Space Adequate to the subject.

PE-Pupils must be Examined and tested in their knowledge of this subject before being promoted to higher grades.

SR-County or city Superintendent must Report to State superintendent to what extent this law has been complied with.

TC-Teacher must Certify in school register before returning same at the end of the term, whether this law has been complied with in his school or grade.

TN-The subject must be Taught in Normal schools, teachers' training classes, and institutes.

P-The statute specifies a Penalty for violation. In other States it is punishable under some general penal statute.

n-A minimum Number of lessons per week and year is specified.

\*Above primary.

<sup>o</sup>All pupils whose capacity will admit.

SAbove the fourth grade.

Wyoming.....

State or Territory. Statutory provisions. Alabama..... M TΤ TE A A Alaska M ΤT AA PPR TE Arizona..... Μ TT TE AA PRB M M M AA AA AA Arkansas..... TE California..... ΤT PRB Colorado..... Connecticut..... TE\* TN M AA PRB Delaware. M TE Delaware..... District of Columbia..... TT Μ TE AA PRB M M M Florida TE TT A A SR Georgia ..... TE TE\* Idaho Illinois TTn1/5-20 AA M TE M M M ΤĒ Indiana. Indian Territory..... AA TT PRB TE AA SR TT Iowa..... TE A A ŤĒ AA Kansas ΤT Kentucky..... ñ ΤE Louisiana..... A AA A° AA Maine... M M TE ΤT PRB Maryland ... Massachusetts..... M M ΤŤ 1/4-20 PRB ΤÎ Michigan..... AA ΤE Minnesota M ŜŘ Mississippi..... M TE Ā M ΤĒ Missouri Montana..... Μ ΤE Nebraska..... M M M M А Nevada..... New Hampshire..... A\* AA ΤŤ New Jersey New Mexico New York ΤЕ SA  $\hat{T}\hat{T}$ PRB M TT TE AA 1/5-20 PE TN М TTnTE PRB A North Carolina..... М TT TT TE TE North Dakota..... M M AA AA Ohio. PRB ñ  $\hat{T}\hat{T}$ TE Oklahoma..... TC Oregon М TT AA PRBn p-ΤE Pennsylvania..... TT AA Rhode Island .. M M А P ТΊ ΤĒ 1/4-20 SR AA AA Tennessee..... ŤŤ ΤĒ Texas..... ΤĒ А Utah ... M M M M Vermont..... ΤŤ PRB Virginia... P Washington..... West Virginia..... ΤT ΤE P M AA AA A\* Wisconsin TE P

TE

### SUNDAY SCHOOL STATISTICS OF NORTH AMERICA.

[From the report of Marion Lawrence, general secretary for the Eleventh International Sunday School Convention, Toronto, Canada, June 23-27, 1905.]

Statistics	presented	to the	several	international	Sunday	school	conventions.
------------	-----------	--------	---------	---------------	--------	--------	--------------

$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		Sunday schools.	Teachers.	Scholars.	Total.
United States64, 871753, 0605, 790, 6836, 543, 407Atlanta (Apr. 17-19, 1878):4, 40135, 745271, 331407United States78, 046853, 1006, 504, 0547, 357Cgmada5, 39541, 663330, 943381Toronto (June 22-24, 1881):932, 2836, 820, 8357, 753United States84, 730932, 2836, 820, 8357, 753British America5, 64042, 912356, 330399United States98, 3031, 043, 7187, 668, 8338, 712United States98, 3031, 043, 7187, 668, 8338, 712United States99, 8601, 108, 2658, 048, 4629, 156British America6, 44852, 938440, 983493United States108, 9391, 151, 3408, 649, 1319, 800British America7, 02058, 086407, 113555United States108, 9391, 151, 3408, 649, 1319, 800British America9, 45079, 861660, 714746United States132, 6391, 396, 50810, 890, 09212, 286British America132, 6391, 396, 50810, 890, 09212, 286British America137, 2931, 399, 7111, 327, 85812, 727British America137, 2931, 399, 7111, 327, 85812, 727British America139, 5011, 417, 5411, 51, 55999United States137, 293 <td>Baltimore (May 11-13, 1875):</td> <td></td> <td></td> <td></td> <td></td>	Baltimore (May 11-13, 1875):				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		64.871	753 060	5 790 683	6, 543, 743
Atlanta (Apr. 17-19, 1878):       78, 046       853, 100       6, 504, 054       7, 357         United States.       78, 046       853, 100       6, 504, 054       339, 943       381         Toronto (June 22-24, 1881):       91       932, 283       6, 820, 835       7, 753         United States.       98, 303       1, 043, 718       7, 668, 833       8, 712         United States.       98, 303       1, 043, 718       7, 668, 833       8, 712         United States.       99, 860       1, 108, 265       8, 048, 462       9, 156         British America.       99, 860       1, 108, 265       8, 048, 462       9, 156         British America.       7, 020       58, 086       440, 983       493         United States.       7, 020       58, 086       407, 113       555         St. Louis (Aug. 31-Sept. 2, 1893):       123, 173       1, 305, 939       9, 718, 432       11, 024         United States.       132, 639       1, 396, 508       10, 890, 092       12, 286         British America.       9, 450       79, 861       660, 714       746         Valted States.       132, 639       1, 396, 508       10, 890, 092       12, 286         British America.       10, 527       8	Canada				407,126
United states78,949853,100 $6,504,054$ 74,337Canada5,39541,693339,943331Toronto (June 22-24, 1881):5,34042,912356,330339United States84,730932,2836,820,8357,753British America5,64042,912356,330399Louisville (June 11-13, 1884):98,3031,043,7187,668,8338,712United States5,21345,511387,966433British America5,21345,511387,966433United States99,8601,108,2658,048,4629,156British America99,8601,108,2658,048,4629,156British America7,02058,066407,113555United States7,02058,066407,113555St. Louis (Aug, 31-Sept. 2, 1893):123,1731,305,9399,718,43211,024British America8,74571,796599,040670Boston (J une 23-26, 1896):132,6391,396,50810,890,09212,286United States132,6391,396,50810,890,09212,286British America137,2931,396,50810,890,09212,286United States139,5011,417,58011,474,44113,151Canada23,276259,2599Denver (June 26-30, 1902):103532,37422,766United States139,5011,417,58011,474,44113,151Canada<	Atlanta (Apr. 17-19, 1878):	1, 101	00,1.0	211,001	101,120
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	United States	78.046	853 100	6 504 054	7,357,154
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					381,636
United States.       84,730       932,283       6,820,835       7,753         British America.       5,640       42,912       356,330       339         Louisville (June 11-13, 1884):       98,303       1,043,718       7,668,833       8,712         British America.       5,213       455,511       357,966       433         Chicago (June 1-3, 1887):       99,860       1,108,265       8,048,462       9,156         British America.       6,448       52,938       440,983       443         Pittsburg (June 24-27, 1890):       108,939       1,151,340       8,649,131       9,800         British America.       7,020       58,086       407,113       555         St. Louis (Aug. 31-Sept. 2, 1893):       101ited States.       123,173       1,305,939       9,718,432       11,024         British America.       8,745       71,796       599,040       660,714       746         Ounited States.       132,639       1,386,508       10,890,092       12,286         British America.       137,293       1,399,711       11,327,858       12,727         British America.       139,501       1,417,580       11,474,441       13,151         United States.       139,501       1,417,580 <td>Toronto (June 22-24, 1881):</td> <td>0,000</td> <td>11,000</td> <td>000,010</td> <td>001,000</td>	Toronto (June 22-24, 1881):	0,000	11,000	000,010	001,000
British America.       5,640 $42$ ,912 $356$ ,330 $399$ Louisville (June 11-13, 1884):       98,303       1,043,718       7,668,833       8,712         British America.       5,213 $45$ ,511 $387$ ,966 $433$ British America.       99,860       1,108,265       8,048,462       9,156         British America.       99,860       1,08,265       8,048,462       9,156         British America.       99,860       1,151,340       8,649,131       9,800         British America.       7,020       58,066 $407$ ,113       555         United States.       108,939       1,151,340       8,649,131       9,800         British America.       7,020       58,066 $407$ ,113       555         United States.       123,173       1,305,939       9,718,432       11,024         British America.       9,450       79,861       666,714       746         United States.       132,639       1,396,508       10,890,092       12,286         British America.       10,527       81,874       680,208       732         United States.       137,293       1,396,508       10,890,092       12,286         Maxico.	United States	84 730	932 283	6 820 835	7,753,118
Louisville (June 11-13, 1884): United States.98, 303 (June 11-3, 1887): United States.1, 043, 718 					399,242
United States       98,303 $1,043,718$ $7,668,833$ $8,712$ Chicago (June 1-3,1887): $5,213$ $45,511$ $387,966$ $433$ United States       99,860 $1,108,265$ $8,048,462$ $9,156$ British America       99,860 $6,448$ $52,938$ $440,983$ $493$ Pittsburg (June 24-27,1890): $6,448$ $52,938$ $440,983$ $493$ United States $108,939$ $1,151,340$ $8,649,131$ $9,800$ British America $7,020$ $58,086$ $407,113$ $9,800$ Doston (June 22-60,1896): $123,173$ $1,305,939$ $9,718,432$ $11,024,600,902$ British America $8,745$ $71,796$ $599,040$ $670$ Boston (June 22-60,1896): $132,639$ $1,396,508$ $10,890,092$ $12,286,900,92$ United States $137,293$ $1,396,508$ $10,890,092$ $12,286,900,920$ $12,286,900,920$ $12,286,900,920,920,920,920,920,920,920,920,920$	Louisville (June 11-13, 1884).	0,010	1 10,010	000,000	000,242
British America5,213 $45,511$ $387,966$ $433$ Chicago (June 1-3, 1887): United States.99,8601,108,2658,048,4629,156British America6,44852,938440,983493United States.108,9397,02058,086407,113British America7,02058,086407,113555Louis (Aug, 31-Sept. 2, 1893): United States.123,1731,305,9399,718,432United States.8,74571,796559,040670Boston (June 23-26, 1896): United States.132,6391,396,50810,890,09212,286British America9,45079,861666,714746Atlanta (Apr. 26-30, 1899): United States.137,2031,309,71111,327,85812,727British America10,52781,874680,208732Matico3197239,25999Denver (June 26-30, 1902): United States.139,5011,417,58011,474,44113,151Canada23,36610,709111,33512276625Mexico a23157757,741676075766Vest Indies a10,75085,63213,209111,335122760Vest Indies a10,75085,63213,2097913,76715Wextoo3191,26613,74715764760United States10,75085,63213,20976075766Vest Indies a		08 303	1 042 719	7 669 999	0 710 051
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	British America	5 213			433, 477
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Chicago (June 1-3, 1887).	0,210	10,011	001,000	400,411
British America       6,448 $52,938$ $440,983$ $9393$ Pittsburg (June 24-27, 1890):       108,939       1,151,340       8,649,131       9,800         British America       7,020       58,086       407,113       555         St Louis (Aug. 31–Sept. 2, 1893):       7,020       58,086       407,113       555         United States       123,173       1,305,939       9,718,432       11,024         British America       8,745       71,796       599,040       670         Boston (June 23-26, 1896):       8,745       71,796       599,040       670         United States       132,639       1,396,508       10,890,092       12,286         British America       9,450       78,861       660,714       746         Atlanta (Apr. 26-30, 1899):       137,293       1,399,711       11,327,858       12,727         British America       10,527       81,874       680,208       732         Mexico       319       723       9,259       9         United States       139,501       1,417,580       11,474,441       13,151         Canada       10,220       \$2,156       685,870       786         Mexico a       2319       <		00 860	1 109 965	0 040 469	0 156 707
Pittsburg (June 24-27, 1890): United States.108, 939 55, 0861, 151, 340 56, 0868, 649, 131 407, 1139, 800 555, 555, 086St. Louis (Aug. 31-Sept. 2, 1893): United States.123, 173 1, 305, 9391, 305, 939 71, 7969, 718, 432 599, 04011, 024, 670Boston (June 23-26, 1896): United States.132, 639 9, 748, 1321, 305, 939 71, 7969, 718, 432 599, 04011, 024, 670Boston (June 23-26, 1896): United States.132, 639 9, 78611, 396, 508 79, 86110, 890, 092 79, 86112, 286, 660, 714Matianta (Apr. 26-30, 1899): United States.137, 293 81, 8741, 327, 858 680, 20812, 286, 79, 861United States. British America.10, 527 81, 87481, 874 680, 208 79, 861660, 714 746, 746, 723United States. British America.10, 527 81, 87481, 874 680, 208 7239, 259 9, 259Denver (June 26-30, 1902): United States.139, 501 3191, 417, 580 72311, 474, 441 735 9, 25913, 151 756United States. Newfoundland and Labrador a. United States.231 3577 57, 741577 625 7700577 75, 741577 625 7786United States. Canada.140, 519 8, 56, 6321, 329, 253 684, 23513, 209, 700 709111, 335 700 709113, 335 700West Indies a. Canada.231 8577577 74157, 741 676 75, 74176 75, 741Vest Indies a. Central America a.231 77057					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		0, 440	02,900	440,900	495, 921
British America       7,020 $58,086$ $407,113$ $555,$ St. Louis (Aug. 31–Sept. 2, 1893):       123,173       1,305,939       9,718,432       11,024,         British America       8,745       71,796 $599,040$ $670,$ Doston (June 23–26, 1896):       132,639       1,396,508       10,890,092       12,286         United States       9,450       79,861 $660,714$ 746         Atlanta (Apr. 26–30, 1899):       1,37,293       1,399,711       11,327,858       12,727         British America       10,527       81,874       (80, 206       732         Mexico       319       723       9,259       9         Denver (June 26–30, 1902):       139,501       1,417,580       11,474,441       13,151,         Canada       353       2,374       22,766       255       126         Mexico a       319       723       9,259       9       9         West Indice a       231       577       57,441       66       255         Mexico a       231       577       57,441       66       255         Mexico a       231       577       57,441       66       255         Me	United States	100 020	1 151 240	0 640 121	0 000 471
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	British Amorico				
United States.       123,173       1,305,939       9,718,432       11,024         British America       8,745       71,796       599,040       670         Boston (June 23-26, 1896):       132,639       1,396,508       10,890,092       12,286         British America       9,450       79,861       666,714       746         Atlanta (Apr. 26-30, 1899):       9,450       79,861       666,714       746         United States.       137,203       1,399,711       11,327,858       12,727         British America.       10,527       81,874       680,208       732         Moxico.       319       723       9,259       9         United States.       139,501       1,417,580       11,474,441       13,151         Canada.       10,220       9,2156       685,870       786         Newfoundland and Labrador a       353       2,374       22,766       25         Mexico a       231       577       5,741       6         Toronto (June 23-27, 1905):       140,519       1,451,855       11,329,253       13,209         Canada.       10,550       85,632       684,235       790         Newfoundland and Labrador a       353       2,374	St Louis (Aug 21 Sept 2 1902).	1,020	30,000	407,115	555, 199
British America $8,745$ $71,796$ $599,040$ $7670$ Boston (June 23-26, 1896):       132,639       1,396,508       10,890,092       12,286         British America       9,450       79,861       660,714       746         United States       9,450       79,861       660,714       746         United States       137,293       1,399,711       11,327,858       12,286         British America       19,527       81,874       680,208       79,259       9         United States       137,293       1,399,711       11,327,858       12,727         British America       10,527       81,874       680,208       792.59       9         Denver (June 26-30, 1902):       10,417,580       11,417,441       13,151         Canada       139,501       1,417,580       11,474,441       13,151         Canada       233       2,374       22,766       255         Mexico a       319       723       9,259       100         West Indies a       231       577       5,741       66         Central America a       231       577       5,741       66         Outited States       140,519       1,451,855 <t< td=""><td>United States</td><td>100 170</td><td>1 205 020</td><td>0 710 490</td><td>11 004 071</td></t<>	United States	100 170	1 205 020	0 710 490	11 004 071
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Dritich Amorico				
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Poston (June 22 26, 1906):	0,740	11,190	599,040	670,837
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Duston (June 25-20, 1890).	120 020	1 900 500	10,000,000	10,000,000
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Atlanta (Apr. 96 20 1900):	9,400	19,801	000,714	746, 575
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		127 002	1 200 711	11 007 070	10 707 700
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $					
$\begin{array}{c c c c c c c c c c c c c c c c c c c $					732,082
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	MCXICO	319	123	9,259	9,982
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Denver (June 20-30, 1902):	100 501	1 417 500	11. 17.1.1.1	10 151 001
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		139,501			
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	Vanaga Newfoundland and Labradana		\$2,150		786,654
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $			2,374		25,140
Central America a.         231         577         5,741         6           Toronto (J une 23-27, 1905):         140,519         1,451,855         11,329,253         13,209,           United States.         10,750         85,632         684,235         790,           Newfoundland and Labrador a.         353         2,374         22,766         255           Mexico.         319         1,266         13,747         15           West Indies a.         231         577         5,741         6					10,082
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $		2,300			122,104
United States.         140,519         1,451,855         11,329,253         13,209           Canada.         10,750         85,632         684,235         790           Newfoundland and Labradora.         353         2,374         22,766         255           Mexico.         319         1,266         13,747         15           West Indiesa.         2,306         10,769         111,335         122           Central Americaa.         231         577         5,741         6		231	577	5,741	6,218
Canada.         10,750         85,632         684/235         790           Newfoundland and Labrador a         353         2,374         22,766         25           Mexico.         319         1,266         13,747         15           West Indies a         2,306         10,769         111,335         122           Central America a         231         577         5,741         6	Toronto (June 23–27, 1905):	140 510	1 451 055	11 000 070	10 000 11
Newfoundland and Labrador a         353         2, 374         22, 766         25           Mexico         319         1, 266         13, 747         15           West Indies a         2, 306         10, 769         111, 335         122           Central America a         231         577         5, 744         6					13, 209, 114
Mexico.         319         1,266         13,747         15           West Indies a.         2,306         10,769         111,335         122           Central America a.         231         577         5,741         6	Canada.				790, 566
West Indies a         2,306         10,769         111,335         122           Central America a         231         577         5,741         6					25,140
Central America a	Mexico				15,063
	west indies a				122,104
	Central America a				6, 318
Total North America	Total North America	154, 593	1,552,473	12, 167, 127	14, 168, 305

a 1898 statistics.

Triennial Statistical Report made to the Eleventh International Sunday School Convention, Toronto, Canada, June 23–27, 1905.

[It is not claimed that these statistics are complete or accurate. They are the sum of such statistics as have been sent in from the States, Provinces, and Territories. They may safely be regarded as conservative. All reports made to the international convention include the Sunday schools of the colored people.]

		Membership.			Gain	Loss	Date		
United States.	Sunday schools.		Scholars.	Total enroll- ment.a	since last report.	since last report.	of this re- port.	Remarks.	
Alabama Alaska Arizona.	4, 316 39 97	18,685 157 780	$168,172 \\ 2,047 \\ 6,943$	271,390 2,204 7,983	29,140		$1905 \\ 1902 \\ 1905$	Partly estimated. Fairly accurate.	
Arkansas California:	2,750	31,600	240, 840	281, 105	116, 143		1905	Ďo.	
North South	1, 181 497	$11,862 \\ 5,687$	93,396 65,899	110,340 76,403	28,977 17,066		$1905 \\ 1905$	Do. Do.	
Colorado Connecticut	921 1,059	9,535 16,620	$73,183 \\ 113,527$	92, 286 139, 877	14,977	16,123	$1905 \\ 1905$	Do. Do.	
Delaware	400	5,405	42,937	49,969	4,637		1905	Complete.	

<sup>a</sup>Where the total enrollment column exceeds the sum of the two preceding columns, the home department membership is included.

## SUNDAY SCHOOLS.

			Membershi	p.	Gain	Loss	Date	
United States.	Sunday schools.	Officers and teachers.	Scholars.	Total enroll- ment.	last report.	since last	of this re- port.	Remarks.
District of Colum-	252	5,825	46,667	55,313			1902	
District of Colum- bia. Florida	$\begin{array}{c} 2,400\\ 4,616\\ 205\\ 205\\ 205\\ 7,878\\ 1,200\\ 5,277\\ 4,58\\ 4,305\\ 2,025\\ 6,768\\ 3,181\\ 2,025\\ 6,768\\ 2,025\\ 6,768\\ 2,025\\ 6,768\\ 2,025\\ 6,768\\ 2,025\\ 6,768\\ 3,181\\ 2,025\\ 6,768\\ 3,025\\ 6,768\\ 3,025\\ 6,768\\ 3,025\\ 6,768\\ 3,025\\ 6,768\\ 3,025\\ 6,768\\ 3,025\\ 6,768\\ 3,025\\ 6,768\\ 3,025\\ 6,768\\ 3,025\\ 6,768\\ 3,025\\ 6,768\\ 3,025\\ 6,768\\ 3,025\\ 6,768\\ 3,025\\ 6,768\\ 3,025\\ 6,768\\ 3,025\\ 6,000\\ 1,015\\ 1,015\\ 1,$	$\begin{array}{c} 5,825\\ 12,119\\ 35,778\\ 1,445\\ 94,112\\ 7,200\\ 8,591\\ 45,867\\ 41,359\\ 24,591\\ 4,602\\ 837,131\\ 4,600\\ 26,628\\ 37,131\\ 49,011\\ 19,272\\ 11,444\\ 64,520\\ 2,247\\ 30,764\\ 4,302\\ 2,247\\ 30,764\\ 4,520\\ 2,247\\ 30,764\\ 4,520\\ 2,247\\ 30,764\\ 4,520\\ 2,247\\ 30,764\\ 4,500\\ 12,500\\ 14,300\\ 158,772\\ 6,150\\ 6,150\\ 6,150\\ 6,150\\ 6,150\\ 6,150\\ 6,150\\ 6,150\\ 6,150\\ 6,150\\ 6,25,600\\ 12,516\\ 25,600\\ 12,516\\ 25,600\\ 12,516\\ 14,13\\ 25,601\\ 25,600$	46, 667 94, 870 253, 410 11, 527 697, 650 60, 000 517, 146 317, 401 296, 273 205, 969 55, 000 59, 516 203, 997 259, 727 370, 777 370, 777	$\begin{array}{c} 55,313\\ 106,989\\ 289,188\\ 13,254\\ 824,371\\ 67,200\\ 599,525\\ 379,643\\ 349,874\\ 236,573\\ 349,874\\ 236,573\\ 349,874\\ 236,573\\ 234,108\\ 323,817\\ 234,108\\ 323,817\\ 234,108\\ 323,817\\ 234,108\\ 323,817\\ 234,108\\ 323,817\\ 234,108\\ 323,817\\ 234,108\\ 323,817\\ 234,108\\ 324,517\\ 324,108\\ 325,543\\ 10,57\\ 368,332\\ 206,388\\ 2,544\\ 340,000\\ 71,417\\ 993,347\\ 106,010\\ 71,417\\ 993,347\\ 106,010\\ 71,417\\ 993,347\\ 106,010\\ 71,417\\ 993,347\\ 106,010\\ 71,417\\ 993,347\\ 106,010\\ 71,417\\ 993,347\\ 106,010\\ 71,417\\ 993,347\\ 106,010\\ 71,417\\ 993,347\\ 106,010\\ 7,832\\ 10,330\\ 421,060\\ 7,832\\ 17,253\\ 17,253\\ 17,253\\ 10,330\\ 421,060\\ 10,330\\ 10,3$	12,217 47,865 38,357 42,020 1,833 	48, 894 6, 852 12, 308 97, 096 1,666 2, 113 177, 206 3, 436	1898 1899 1902 1905	Estimate, Accurate, Estimate, Fairly accurate, Do, Do, Estimate, Fairly accurate, Fairly accurate, Estimate, Fairly accurate, Estimate, Fairly accurate, Estimate, Fairly accurate, Do, Accurate, Fairly accurate, Do, Estimate, Fairly accurate, Estimate, Accurate, Estimate, Accurate, Do, Fairly accurate, Estimate, Fairly accurate, Estimate, Fairly accurate, Do, Estimate, Fairly accurate, Estimate, Fairly accurate, Do, Estimate, Fairly accurate, Do, Estimate, Fairly accurate, Do, Estimate, Fairly accurate, Do, Estimate, Fairly accurate, Do, Estimate, Fairly accurate, Do, Estimate, Fairly accurate, Do,
Total	140,519	1,451,855	11,329,253	13, 209, 114	618,871	485,708		
CANADA.							,	
Alberta. Assiniboia. British Columbia Manitoba. New Brunswick. Nova Scotia. Ontario. Prince E d w a r d Island.	$\begin{array}{r} 200 \\ 500 \\ 150 \\ 710 \\ 1,073 \\ 1,261 \\ 6,089 \\ 202 \end{array}$	$\begin{array}{c} 1,500\\ 1,400\\ 2,000\\ 5,509\\ 6,613\\ 8,513\\ 54,011\\ 1,202 \end{array}$	$\begin{array}{c} 15,000\\ 12,000\\ 15,000\\ 39,812\\ 51,055\\ 67,767\\ 437,087\\ 9,325\end{array}$	$\begin{array}{c} 16,540\\ 13,400\\ 17,100\\ 47,333\\ 60,358\\ 79,197\\ 501,088\\ 11,246\end{array}$	9,800 4,459 7,545	1,472 10,768 940	$     1902 \\     1905 \\     1905 \\     1905 \\     1905 \\     1905 \\     1905    $	Estimate. Do. Do. Fairly accurate. Do. Partly estimated. Fairly accurate. Do.
Saskatchewan Quebec	$20 \\ 545$	$\substack{100\\4,784}$	$1,000 \\ 36,189$	$1,100 \\ 43,224$		5,812	$     1905 \\     1905     $	Estimate. Fairly accurate.
Total	10,750	85,632	684, 235	790,566	21,804	38,992		
Newfoundland and Labrador. Mexico. West Indies. Central America	434	$2,374 \\1,266 \\10,769 \\577$	$22,766 \\13,797 \\111,335 \\5,741$	$25,140 \\ 15,063 \\ 122,104 \\ 6,318$			1898 1905 1898 1898	Accurate. Fairly accurate. Estimate. Do.
Total	3,324	14,986	153,639	168,625	4,981			
Grand total	154, 593	1, 552, 473	12, 167, 127	14, 168, 305	645,656	524,700		

# Triennial Statistical Report made to the Eleventh International Sunday School Convention, Toronto, Canada, June 23-27, 1905-Continued.

a Protestant evange fical schools only reported—this accounts largely for decrease.  $\flat$  Included in the West Indics.

# EDUCATION REPORT, 1905.

## Sunday school statistics of all nations.

[The following statistics were compiled for the Centennial of the Sunday School Union of London, 1903. They were revised for the World's Sunday School Convention, held at Jerusalem in 1904. The statistics from North America are revised to date.]

Country.	Sunday schools.	Teachers.	Scholars.	Total.
Europe:				
Great Britain and Ireland	53, 590	674,123	7,300,340	7,974,463
Austria-Hungary	239	643	10,572	11,215
Belgium	83	403	4,616	5,019
Bulgaria	35	140	1,576	1,716
Denmark.	990 7,611	4,610 12,928	72,800	77,410
Finland. France	1,475	3,876	$     \begin{array}{r}       165,140 \\       61,200     \end{array} $	$178,068 \\ 65,076$
Germany.	7,742	39,872	826,341	866,213
Greece	4	7	180	187
Holland.	2,020	2,092	206,000	211,092
Italy	261	823	12,160	12,983
Norway	1,000	3,600	,75,000	78,600
Portugal	18	70	1,419	1,489
Russia	83	785	15,679	16,464
Spain	90	181	5,419	5,600
Sweden	6,000	20,300	300,000	320,300
Switzerland. Turkey in Europe.	1,762	7,490 170	122,567 1,420	130,057 1,590
Asia:	30	170	1,420	1,090
India, including Ceylon	8,719	14,952	333,776	348,728
Persia.	107	440	4,876	5,316
Siam.	16	64	809	873
China	105	1,053	5,264	6,317
Japan	1,074	7,505	44,035	51,540
Turkey in Asia	516	4,250	25,833	30,083
Africa	4,246	8,455	161,394	169,849
North America: United States	140 510	1 451 055	11 990 959	12 200 114
Canada	140,519 10,750	1,451,855 85,632	11,329,253 684,235	13,209,114 790,566
Newfoundland and Labrador	353	2,374	22,766	25,140
West Indies	2,306	10,769	111,335	122,104
Central America.	231	577.	5,741	6, 318
Mexico	434	1.266	13,797	15,063
South America	350	3,000	150,000	153,000
Oceania:				,
Australasia	7,458	54,670	595,031	649,701
Fiji Islands	1,474	2,700	42,909	45,609
Hawaiian Islands	230 210	1,413	15,840	17,253
Other islands	210	800	10,000	10,800
Total	262,131	2,426,888	22,739,323	25,614,916
1.0000000000000000000000000000000000000	202,101	2, 120,000	22,100,020	20,014, 510

Triennial report on condition of organization made to the Eleventh International Sunday School Convertion, Toronto, Canada, June 23-27, 1905.

[It is not claimed that these statistics are complete or accurate. They are the sum of such statistics as have been sent in from the States, Provinces, and Territories. They may safely be regarded as conservative. Quite a number of States have done more or less house visitation, but the reports were too incomplete to justify printing. Eighty-eight cities, however, have been canvassed.]

Sun	Бећојата јон Сећогаћ,		$^{303}_{1,500}$	2,997 1,564 2,337 2,337		22, 129	$\begin{array}{c} 13,666\\12,706\\11,585\\11,585\end{array}$	2,500	6,524 1,384	2,252	2,167	
.s3n	теаснет тееті		$^{14}_{26}$	382 48 148	288 288	1,066	533 485 393	51 51 51 51	355 550	98		
3180	Paid workers prime.		: : :			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		N		3		
IIII	Paid workers time.	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	: :-	-00		6	co 4 ci c	20 I C	00014	2	3	ly.
-mə	I. B. R. A. m bership.			9	672 31		78 244			231	94	annual
Sai7	vrsedo sloods2 үяр поігізэр		9 20	94 139	95		341 481	30 46	277 141			entions
-819	Membership. dle rolls.		$^{86}_{1,250}$	$ \begin{array}{c} 4,607\\ 3,292\\ 5,500\\ 6,260 \end{array} $		17,873	9,376 12,252 8,950 8,950	2,527 2,059 1,490 4,201	7,809 1,896		2, 384	ng conv
	.zilot sibsrO	152	5 90	275 221	76	981	309 629 489	137 84 156 278	368		186	id holdi
297.6	Normal gradua Past year.	14	1.02	13 20	18	553	$   \begin{array}{c}     28 \\     28 \\     175 \\     115   \end{array} $	103	109	-	30	nized ar
-100	t qidərədməM mail olasi		91 21	686 374 487	166		1,000 2,471 3,200	485 150	590 134		006	nty orga
• 5	səszafə İsmtoV		3.6	34 37 80	18	63	64 262 253	15	125 11	122	70	ery cour
	Membership he departments	4,829	$^{260}_{8,665}$	$ \begin{array}{c} 5,082 \\ 4,817 \\ 4,922 \\ 6,222 \\ 1,222 $	$     \begin{array}{c}             34, 627 \\             1, 627 \\             2, 821 \\                                    $	32,629		0,013 6,455 483 483		5,103	1,460	at is, ev
-j 1	в q э b этоН .stnэm	82	9 75	199 101 129	40 53 40	976	444 505 484	$^{100}_{-100}$	682 170 44	111	178	tion; th
.sms. t h -j's		169	23 25	148 199 220	119	31	1,100	214 50 300	$500 \\ 1,001$	230	1, 328	Complete organization; that is, every county organized and holding conventions annually.
•s1	Primary union	58		01100		21	412.0	- 10 00	1022	14	-10	plete (
	Conventi o n s held past year.	200	5 117	120 120	2002	$100 \\ 1,670 $	2005 715 720	306 19 150 73	100 550 102	44 75 c	200	b Com
on.	-Cities organ- ized.		2	1 00 0			5 13	: : :-		1	:	
izati	Banner coun- ties.	13	6	5 19 19	0 01	40	46 26 38	201	13 13 13		9	
Organization	Counties or- ganized.	51	3 43	33 33 33	32 1 3 0	$126 \\ 2 \\ 102 \\ $	88 99 104	100 16 21	82 S	84 84	20	
	.esitano)	67	13 75	48 59	0 60 - 1 73	$^{137}_{21}$	92 99 105	16 23 23	52 SS 13	115	18	ed.
	State and country.	UNITED STATES. Alabama.	Alaska Tegritory <i>a.</i> Arizona Territory. Arkansas	California: North South Colorado	Delaware b. District of Columbia b. Florida.	Georgia. Idaho. Illinois.	Indiana. Indiana. Iowa b. Kansas b.	Achtucky Louisiana. Maine b. Maryland	Massachusetts. Michigan Minnesota	Mississippi. Missouri Montena	Nebraska	a Not organized

SUNDAY SCHOOLS.

Triennial report on condition of organization made to the Eleventh International Sunday School Convention, Toronto, Canada, June 23-27 1905-Continued.

	Zuņ	ioi zialodož church.	45 45 45 45 45 45 45 47 47 47 47 47 47 47 47 47 47	204, 459	1,108
		итээт тэлэвэТ	47 47 895 28 50 50 50 50 50 88 88 88 88 88 88 88 88 88 88 88 88 88	7,544 2	
	1.180	Paid workers p time.	332 29 4 1 1	53 2	
		Paid workers time.	811 <b>7</b> 7 7 99 12177 81	83	2
		n. B. R. A. m bership.	756 80 500 500 1146 500 125 403 129	3,404	
		vresdo sloodes Vsb noisiesb	1 413 619 619 619 1,008 1,008 1,008 12 12 12 12 13 12 13 12 12 12 12 12 12 12 12 12 12	4,093	69
		Membership dle rolls.	2, 955 13, 913 13, 913 205 1, 144 1, 108 1, 108 1, 108 1, 108 1, 147 1, 108 1, 447 1, 108 1, 447 1, 600 2, 900 2,	207, 131	1,303
		.stiot slbsrO	$\begin{array}{c} & & & & \\ & & & & & \\ & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & \\$	10,432	66
1	səte	Normal gradus. past year.	17 17 176 1,047 474 49 89	2,975	4
		ı qirlərədməM səsəslə lam	$\begin{array}{c} 15\\ 1,433\\ 1,17\\ 6,048\\ 6,048\\ 3,554\\ 473\\ 43\\ 336\\ 100\\ 100\\ 100\\ 100\\ 278\\ 2399\\ 278\\ 278\\ 278\\ 278\\ 278\\ 278\\ 278\\ 278$	26,788	417
	•	Normal classes	15 15 15 15 15 15 15 15 15 15	3, 652	15 42
	auc	Membership he Membrants	$\begin{array}{c} 5.5, 5.5, 5.0, 5.0, 5.0, 5.0, 5.0, 5.0,$	373, 868	$40 \\ 2,012 \\ 2,012 \\ 3012 \\ $
	-1 1	я q э b этоН .etnэт	$\begin{array}{c} 197\\ 544\\ 544\\ 1, 097\\ 1, 097\\ 1, 176\\ 1, 286\\ 1, 286\\ 1, 114\\ 265\\ 26\\ 135\\ 135\\ 135\\ 51\\ 96\\ 135\\ 51\\ 96\\ 135\\ 51\\ 96\\ 135\\ 51\\ 96\\ 135\\ 51\\ 96\\ 135\\ 51\\ 96\\ 135\\ 51\\ 96\\ 135\\ 51\\ 96\\ 135\\ 51\\ 96\\ 135\\ 51\\ 96\\ 135\\ 51\\ 96\\ 135\\ 51\\ 96\\ 135\\ 51\\ 135\\ 51\\ 135\\ 51\\ 135\\ 51\\ 135\\ 51\\ 135\\ 51\\ 135\\ 51\\ 135\\ 51\\ 135\\ 51\\ 135\\ 51\\ 135\\ 51\\ 135\\ 51\\ 135\\ 51\\ 51\\ 135\\ 51\\ 51\\ 135\\ 51\\ 51\\ 51\\ 51\\ 51\\ 51\\ 51\\ 51\\ 51\\ 5$	10,089	5.5
	<b>q'</b> 1	Primary dep: iw sinsm separate roo	12 1, 255 1, 210 2, 013 2, 013 2, 013 1, 559 1, 559	17,513	11 291
	·s	aoian yasairt	104403408400 104461	288	101
		Conventions held past year.	, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	13, 237	110
1	on.	Cities organ- ized.	m = 15 m = 4m m 0 0 m =	79	4
1	izati	Danner coun- ties.	<b>* * * * * * * * * *</b>	440	<b>6</b> 2
	Organization	Counties or- ganized.	011-15%%889955588% <b>4</b> 2775%	1,929	27 27
		counties	1222362346623888455662 12223623466238888455662	2, 840	30
		State and country	UNITED STATES-continued. Nevada New Hampshire a. New Jorka New Yorka North Carolina. North Dakota North Dakota North Dakota North Dakota North Dakota North Dakota North Carolina. South Dakota Finder Islanda Pennsylvania Virginia Virginia Vermoni Washington. West Virginia. Washington. Washington. Washington. Washington. Washington. Washington. Washington. Washington. Washington. Washington. Washington. Washington. Washington. Washington. Washington. Washington.	Total.	CANADA. Alberta. Assinibola <sup>b</sup> . British Columbia. Manitoba.

200

EDUCATION REPORT, 1905.

$1,633 \\10,305 \\176$	1,172	15,244					219,703	
25 66 10 10	45	443					7,987	speaking.
		-		-			54	
101001		10					93	nglis
							3,404	c Only 15 of these are English
97 320 5	30	521					4,614	5 of the
$1,445\\301$	762	4,701					211, 832	: Only 18
42 63 13	33	217					10, 649	
$     \begin{array}{c}       48 \\       171 \\       4 \\       20 \\       20     \end{array} $	10	257					3, 232	rganize
500 832 100 100	174	2,408					29, 256	b Not organized.
30 50	20	254					2,906	ly.
2,670 2,917 9,990 719	1,489	19,937	40			40	393, 845	annual
92 117 22	49	339	T			1	10,429	ventions
150 206 19	139	816					18,329	ding con
- 10 00 00	1	13	-	•			302	i hol
178 222 200 27	55	797					14,034	that is, every county organized and holding conventions annually.
10	3	18					97	orgai
24 24 25 24 25 24 25 25 25 25 25 25 25 25 25 25 25 25 25	12	63					503	unty
32 32 32 32 32 32 32 32 32 32 32 32 32 3	15	154					2,083	very cou
51 51 28 co	c 65	219					3,059	iat is, e
New Brunswick a. Nova Scotia a. Ontario. Prince Edward Island a. Saskatchewan b.	Quebec	Total	Newfoundland and Labrador	West Indies b	Central America <sup>b</sup>	Total.	Grand total	a Complete organization; th

SUNDAY SCHOOLS.

### STATISTICS FROM COLORED SUNDAY SCHOOLS.

In our present condition of organization it is quite impossible to secure accurate statistics of the colored Sunday schools. They are included in the statistics for the white schools in the preceding tables. We have now fairly good organization in North and South Carolina, likewise in Georgia and Alabama, and a partial organization in Virginia, all under the general direction of our negro field workers.

#### WHAT OUR STATISTICS SHOW.

1. A very slight gain in the number of Sunday schools and in the total enrollment.

2. Much inaccuracy in the reports, as shown by the fact that no less than 12 States report a gain or loss of about 40,000 each as compared with the last statistics presented, while one State shows a gain of 117,000, and another shows a loss of 237,000. These figures simply mean great inaccuracy somewhere, either with present or former reports.

3. An increase in the number of States organized.

4. That we have held about 14,000 Sunday school conventions during the past year, or probably 40,000 conventions during the triennium.

5. A considerable falling off in the number of primary unions.

6. Nearly 12,000 primary departments reporting separate rooms.

7. A gain of about 25 per cent in the home department.

Alabama

8. A gain of about 100 per cent in the membership of the teacher training classes.

9. A gain of 120 per cent in the number of teacher training graduates.

10. Nine thousand seven hundred and ninety-three cradle rolls reporting, with 198,223 members.

11. Three thousand five hundred and sixty-four schools observing decision day.

12. Nineteen States and Provinces reporting temperance departments. The Dominion of Canada leads in this department.

<sup>6</sup> 13. Eighteen States report 3,337 International Bible Reading Association members.

14. Eighty-nine workers are employed by our associations on full time and 59 on part time.

15. There is a gain of 30 per cent in the number of teachers' meetings.

16. The additions to the churches from the Sunday schools show up better than before, even with many States not reported.

## LIST OF EDUCATIONAL PERIODICALS IN THE UNITED STATES ON FILE IN THE BUREAU OF EDUCATION.

Illinois

Birmingham, Educational Exchange, M., 1905, vol. 20.	Bloomington, School and Home Education, M., 1905, vol. 25.
Arkansas.	Chicago, Board of Education Bulletin, M., 1905, series 1.
Little Rock, Arkansas School Journal, M., 1905, vol. 10.	Chicago, Elementary School Teacher, M., 1905, vol. 6.
California.	Chicago, Home Education, M., 1905, vol 2.
San Francisco, Sierra Educational News, M., 1905, vol. 1.	Chicago, Kindergarten Magazine, M., 1905, vol. 18. Chicago, School Review, M., 1905, vol. 13.
San Francisco, Western Journal of Education, M., 1905, vol. 10.	Chicago, Teachers' Federation Bulletin, W., 1905, vol. 5.
Colorado.	Oak Park, School Century, M., 1905, vol. 1. Taylorville, School News and Practical Educator,
Denver, Colorado School Journal, M., 1905, vol. 21.	M., 1905, vol. 19. Indiana.
Denver, Rocky Mountain Educator, M., 1905, vol. 12.	Indianapolis, Educator-Journal, M., 1905, vol. 6.
Florida.	Iowa.
Gainesville, Florida School Exponent, M., 1905, vol. 13.	Charles City, Iowa Teacher, M., 1905, vol. 19. Des Moines, Midland Schools, M., 1905, vol. 20.

Hutchinson, Kansas Educator, M., 1905, vol. 3. Topeka, Western School Journal, M., 1905, vol. 22.

Kentucky.

Lexington, Southern School Journal, M., 1905, vol. 16.

#### Louisiana.

New Orleans, Teachers' Outlook, M., 1905, vol. 6. New Orleans, Louisiana School Review, M., 1905, vol. 13.

#### Maryland.

Baltimore, Maryland Educational Journal, M., 1905, vol. 1.

Massachusetts.

- Boston, American Primary Teacher, M., 1905, vol. 24.
- Boston, Education, M., 1905, vol. 26.
- Boston, Journal of Education, W., 1905, vol. 62.

Boston, Popular Educator, M., 1905, vol. 23.

Boston, Primary Education, M., 1905, vol. 13.

- Springfield, Kindergarten Review, M., 1905, vol. 16.
- Worcester, Pedagogical Seminary, Qu., 1905, vol. 12.

#### Michigan.

Lansing, Moderator Topics, W., 1905, vol. 26.

#### Minnesota.

Minneapolis, Minnesota School Journal, M., 1905, vol. 5.

Minneapolis, School Education, M., 1905, vol. 24.

#### Missouri.

- Jefferson City, Missouri School Journal, M., 1905, vol. 22.
- St. Louis, Evangelish-Lutherisches Schulblatt, M., 1905, vol. 40.

#### Nebraska,

Lincoln, Nebraska Teacher, M., 1905, vol. 8.

#### New York.

- Albany, American Education from Kindergarten to College, M., 1905, vol. 9.
- Dansville, Normal Instructor and Teachers' World, M., 1905, vol. 15.

New York, American School Board Journal, M., 1905, vol. 31.

New York, Educational Foundations, M., 1905, vol. 17.

New York, Educational Review, M., 1905, vol. 30.

New York, New Education, M., 1905, vol. 18.

New York, School, M., 1905, vol. 17.

New York, School Journal, M., 1905, vol. 71.

New York, Teachers' Magazine, M., 1905, vol. 28.

Syracuse, School Bulletin, M., 1905, vol. 32.

Syracuse, Journal of Pedagogy, M., 1905, vol. 18.

#### Ohio.

Athens, Ohio Teacher, M., 1905, vol. 26.

Cincinnati, Public School Journal, Semimo., 1905, vol. 45.

Cleveland, School Topics, M., 1905, vol. 1.

Columbus, Ohio Educational Monthly, M., 1905, vol. 54.

Oklahoma.

Oklahoma city, School Herald, M., 1905, vol. 13.

#### Oregon.

Salem, Oregon Teachers' Monthly, M., 1905, vol.10.

#### Pennsylvania.

Lancaster, Pennsylvania School Journal, M., 1905, vol. 54.

Philadelphia, The Teacher, M., 1905, vol. 9.

#### South Dakota.

Madison, Journal of Education, M., 1905, vol. 7. Mitchell, South Dakota Educator, M., 1905, vol.19.

#### Tennessee.

Chattanooga, Southern Educational Review, M., 1905, vol. 2.

Nashville, Progressive Teacher, M., 1905, vol. 11.

Texas.

Dallas, Texas School Journal, M., 1905, vol. 23. Dallas, Texas School Magazine, M., 1905, vol. 8.

#### Virginia.

Richmond, Virginia School Journal, M., 1905, vol. 14.

#### Washington.

Seattle, Northwest Journal of Education, M., 1905, vol. 17.

#### West Virginia,

Charleston, West Virginia School Journal, M., 1905, vol. 34.

#### Wisconsin.

Madison, Wisconsin Journal of Education, M., 1905, vol. 37.

Milwaukee, Catholic School Journal, M., 1905, vol. 5.

- Milwaukee, Lutherische Schulzeitung, Bimo., 1905, vol. 31.
- Milwaukee, Paedagogische Monatshefte, M., 1905, vol. 6.
- Milwaukee, Western Tcacher (The), M., 1905, vol. 14.

#### Wyoning.

Sheridan, Wyoming School Journal, M., 1905, vol. 2.

# RELIGIOUS EXERCISES IN PUBLIC SCHOOLS.

Statistics relating to religious exercises in the public schools in 1904 of 1,098 cities of more than 4,000 population.

	of cities report- ing.	Relig 0	gious penir	exerci g of s	ises a choo	t the l.		Bil	ole re	ad.		ex	her er- es.a
States and Territories.	cities ing.	Co duc	on- ted.	Pro ite	hib- d.	read-		ient.	ent.	selec-	rbid-	acher	acred
	Number of in	Yes.	No.	Yes.	No.	Limited to rea ing of Bible.	Yes.	New Testament.	Old Testament	Book of tions.	Comment forbid- den.	Prayer by teacher or class.	Hymns or sacred songs.
United States	1,098	830	268	162	936	4	818	800	794	50	530	827	915
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	449 79 103 401 66	$     \begin{array}{r}       404 \\       74 \\       63 \\       280 \\       9     \end{array} $	$45 \\ 5 \\ 40 \\ 121 \\ 57$	$26 \\ 1 \\ 12 \\ 74 \\ 49$	423 78 91 327 17	0 0 2 2 0	$402 \\ 73 \\ 60 \\ 275 \\ 8$	$392 \\ 72 \\ 60 \\ 268 \\ 8$	393 70 56 267 8	$     \begin{array}{r}       28 \\       2 \\       2 \\       17 \\       1     \end{array} $	$253 \\ 25 \\ 44 \\ 158 \\ 50$	$391 \\ 75 \\ 62 \\ 286 \\ 13$	400 70 81 338 26
North Atlantic Division: Maine. New Hampshire. Vermont. Massachusetts. Rhode Island. Connecticut. New York. New Jersey. Pennsylvania. South Atlantic Division:	$25 \\ 15 \\ 9 \\ 103 \\ 17 \\ 40 \\ 81 \\ 48 \\ 111$	$25 \\ 15 \\ 8 \\ 103 \\ 16 \\ 36 \\ 59 \\ 46 \\ 96$	$0 \\ 0 \\ 1 \\ 0 \\ 1 \\ 4 \\ 22 \\ 2 \\ 15$	$0 \\ 0 \\ 1 \\ 0 \\ 0 \\ 2 \\ 17 \\ 1 \\ 5$	$25 \\ 15 \\ 8 \\ 103 \\ 17 \\ 38 \\ 64 \\ 47 \\ 106$	0 0 0 0 0 0 0 0 0 0	$25 \\ 15 \\ 8 \\ 103 \\ 16 \\ 36 \\ 59 \\ 44 \\ 96$	$24 \\ 14 \\ 8 \\ 103 \\ 15 \\ 36 \\ 54 \\ 42 \\ 96$	$24 \\ 14 \\ 8 \\ 103 \\ 15 \\ 36 \\ 54 \\ 43 \\ 96$	$2 \\ 1 \\ 5 \\ 7 \\ 3 \\ 11 \\ 2 \\ 6$	$ \begin{array}{r}     4 \\     8 \\     1 \\     94 \\     2 \\     10 \\     48 \\     46 \\     40 \\   \end{array} $	$25 \\ 15 \\ 7 \\ 96 \\ 16 \\ 36 \\ 55 \\ 47 \\ 94$	$ \begin{array}{c} 20 \\ 13 \\ 7 \\ 91 \\ 16 \\ 34 \\ 70 \\ 46 \\ 103 \end{array} $
Delaware. Maryland District of Columbia Virginia. West Virginia. North Carolina. South Carolina. Georgia. Florida. South Central Division:	$egin{array}{c} 1 \\ 7 \\ 1 \\ 11 \\ 11 \\ 11 \\ 15 \\ 17 \\ 5 \end{array}$	$     \begin{array}{c}       1 \\       6 \\       11 \\       10 \\       11 \\       11 \\       15 \\       15 \\       4     \end{array} $	$     \begin{array}{c}       0 \\       1 \\       0 \\       0 \\       0 \\       2 \\       1     \end{array} $	0 0 0 0 0 0 0 1 0	$     \begin{array}{c}       1 \\       7 \\       11 \\       11 \\       11 \\       15 \\       16 \\       5     \end{array} $	0 0 0 0 0 0 0 0 0	$     \begin{array}{c}       1 \\       6 \\       1 \\       10 \\       11 \\       11 \\       15 \\       14 \\       4     \end{array} $	$1 \\ 6 \\ 1 \\ 10 \\ 11 \\ 11 \\ 15 \\ 13 \\ 4$	$     \begin{array}{c}       1 \\       6 \\       0 \\       10 \\       11 \\       11 \\       14 \\       13 \\       4     \end{array} $	0 0 0 1 0 0 1 0	$     \begin{array}{c}       1 \\       2 \\       1 \\       7 \\       4 \\       0 \\       3 \\       4 \\       3 \end{array} $	$     \begin{array}{c}       1 \\       6 \\       1 \\       10 \\       11 \\       11 \\       15 \\       16 \\       4     \end{array} $	$     \begin{array}{c}       1 \\       5 \\       10 \\       11 \\       11 \\       15 \\       11 \\       5     \end{array} $
Kentucky. Tennessee Alabama Mississippi Louisiana Texas Arkansas Oklahoma Indian Territory.	$     \begin{array}{r}       18 \\       10 \\       15 \\       9 \\       7 \\       35 \\       7 \\       1 \\       1     \end{array} $	$16 \\ 9 \\ 14 \\ 6 \\ 1 \\ 11 \\ 4 \\ 1 \\ 1 \\ 1$	$2 \\ 1 \\ 3 \\ 1 \\ 24 \\ 3 \\ 0 \\ 0 \\ 0$	$ \begin{array}{c} 1\\ 1\\ 0\\ 2\\ 2\\ 6\\ 0\\ 0\\ 0\\ 0 \end{array} $	$17 \\ 9 \\ 15 \\ 7 \\ 5 \\ 29 \\ 7 \\ 1 \\ 1$	1 0 0 1 0 0 0 0	$16 \\ 9 \\ 14 \\ 5 \\ 1 \\ 9 \\ 4 \\ 1 \\ 1 \\ 1$	$     \begin{array}{r}       16 \\       9 \\       14 \\       5 \\       1 \\       9 \\       4 \\       1 \\       1     \end{array} $	$16 \\ 9 \\ 11 \\ 5 \\ 1 \\ 8 \\ 4 \\ 1 \\ 1 \\ 1$	0 0 1 0 0 1 0 0	$7 \\ 5 \\ 4 \\ 3 \\ 5 \\ 17 \\ 1 \\ 1 \\ 1$	$     \begin{array}{r}       15 \\       9 \\       13 \\       6 \\       0 \\       12 \\       5 \\       1 \\       1 \\       1     \end{array} $	$     \begin{array}{r}       16 \\       9 \\       13 \\       8 \\       5 \\       22 \\       6 \\       1 \\       1     \end{array} $
North Central Division: Ohio Indiana Illinois Michigan Wisconsin Minnesota Iowa Missouri North Dakota South Dakota South Dakota Kansas	$79 \\ 49 \\ 61 \\ 51 \\ 35 \\ 36 \\ 32 \\ 2 \\ 4 \\ 11 \\ 23$	$\begin{array}{c} 70 \\ 44 \\ 49 \\ 33 \\ 0 \\ 7 \\ 28 \\ 19 \\ 1 \\ 3 \\ 6 \\ 20 \end{array}$	$ \begin{array}{c} 9 \\ 5 \\ 12 \\ 18 \\ 35 \\ 11 \\ 8 \\ 13 \\ 1 \\ 5 \\ 3 \end{array} $	$2 \\ 0 \\ 4 \\ 111 \\ 355 \\ 10 \\ 2 \\ 10 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ $	$\begin{array}{c} 77 \\ 49 \\ 57 \\ 40 \\ 0 \\ 8 \\ 34 \\ 22 \\ 2 \\ 4 \\ 11 \\ 23 \end{array}$	0 2 0 0 0 0 0 0 0 0	$\begin{array}{c} 70 \\ 44 \\ 47 \\ 32 \\ 0 \\ 8 \\ 27 \\ 17 \\ 1 \\ 3 \\ 6 \\ 20 \end{array}$	$ \begin{array}{c} 70 \\ 43 \\ 45 \\ 32 \\ 0 \\ 7 \\ 25 \\ 17 \\ 1 \\ 3 \\ 6 \\ 19 \end{array} $	$\begin{array}{c} 70 \\ 43 \\ 45 \\ 32 \\ 0 \\ 7 \\ 25 \\ 16 \\ 1 \\ 3 \\ 6 \\ 19 \end{array}$	4 3 5 0 1 3 0 0 0 0 1	$ \begin{array}{c c} 19 \\ 15 \\ 21 \\ 9 \\ 35 \\ 14 \\ 17 \\ 14 \\ 0 \\ 2 \\ 1 \\ 11 \\ \end{array} $	$\begin{array}{c} 71 \\ 44 \\ 51 \\ 35 \\ 1 \\ 7 \\ 30 \\ 18 \\ 1 \\ 3 \\ 7 \\ 18 \end{array}$	73 47 53 44 16 8 34 27 2 4 9 21
Western Division: Montana. Wyoming. Colorado. New Mexico. Arizona. Utah Now de	$5 \\ 2 \\ 10 \\ 2 \\ 2 \\ 5$	0 0 5 0 0 1	5 2 5 2 2 2 4	5 2 4 0 2 4	0 6 2 0 1	0 0 0 0 0 0	0 0 4 0 0 1	0 0 4 0 0 1	0 0 4 0 0 1	0 0 0 0 0 0	5 2 6 0 2 3	0 1 5 0 0 3	2 2 7 1 0 3
Nevada Idaho. Washington. Oregon. California.	$\begin{array}{c}2\\7\\5\\25\end{array}$	0 0 0 3	$2 \\ 7 \\ 5 \\ 22$	$\begin{array}{c}2\\7\\0\\22\end{array}$	$     \begin{array}{c}       0 \\       0 \\       5 \\       3     \end{array}   $	0 0 0 0 0	0 0 0 3	0 0 0 3	0 0 0 3	0 0 0 1	$\begin{array}{c}2\\6\\4\\19\end{array}$	0 0 0 3	2 3 0 6
Alaska Hawaii	1	0	i	····:	0	0	0	0	0	0	1	1	<u>0</u>

a Including prayers chanted and hymns sung as musical exercises.

### CORPORAL PUNISHMENT.

## CORPORAL PUNISHMENT.

# Regulations concerning corporal punishment in public schools in cities of 100,000 or more inhabitants.

City.	Regulation.	Authority.
Allegheny, Pa	To be avoided when obedience and good order can be preserved by milder measures. Full and ac- curate record required to be kept, which at all times must be subject to inspection of any mem- ber of the board or a parent of a pupil in attend	Rules, Art. III, sec. 7, and Art. IV, sec. 3, contained in Annual Report, 1904, pp. 151 and 152.
Atlanta, Ga	ance. Restricted to pupils below high school Only al- lowed when ordered by principal. The latter is required to keep an accurate record and to re- port each case to board of education through the	Rules (Annual Report, 1903, pp. 82–104), sees. 58, 59.
Baltimore, Md Boston, Mass	superintendent. Forbidden Forbidden in high schools and kindergartens and as to girls in any school. In any case, restricted to blows upon the hand with a rattan. Each case must be reported through the principal to the superintendent.	Rules, 1901, p. 17, art. 181. Rules and Regulations, 1904, secs. 195 and 218.
Buffalo, N. Y	The schools must be governed, as far as possible, without corporal punishment; special permis- sion of the superintendent necessary for any other than a principal or an assistant principal to administer punishment.	Charter and Ordinances, 1896, Chap. XIV, p. 218, sec. 39.
Chicago, Ill	Forbidden	Rules and Regulations, 1898,
Cincinnati, Ohio	May not be inflicted for failures in lessons or recitations. Blows on head or violent shaking of pupils prohibited.	p. 38, sec. 62. Annual Report, 1896, p. 199, sec. 84.
Cleveland, Ohio	Forbidden, except in unclassified schools, where it is permitted when principal and superintendent consent.	Handbook, 1904, pp. 92 and 94, secs. 22, 23.
Columbus, Ohio	Allowed when all other means have failed To be inflicted in schoolroom by pupil's teacher, the principal being the judge of special cases.	Report, 1891, p. 136, secs. 27, 28.
Denver, Colo	Teachers are required to consult with and to get the approval of the principal before administer- ing corporal punishment. The child's parent and the superintendent must be promptly in- formed by letter.	Rules, 1903, Rule XV, secs. 14 and 16.
Detroit, Mich	Must be avoided if possible. Must not be inflicted	Manual, 1905, p. 109, rules 90
Fall River, Mass	without full knowledge and consent of principal. May be inflicted when milder measures fail. Must not ordinarily be administered in presence of school. Record of each punishment and offense must be sent to superintendent for inspection of the board.	and 92c. Rules and Regulations, 1894, p. 13, sec. 46.
Indianapolis, Ind	Must be avoided as far as possible. May be in- flicted only in presence of principal, and must be immediately reported by him to superintend-	Manual, 1901, p. 51, sec. 11.
Jersey City, N. J	ent. Forbidden	New Jersey School Laws, 1902, p. 46, sec. 106.
Kansas City, Mo		1902, p. 46, sec. 106. Rules and Regulations, 1896, p. 24, sec. 88.
Los Angeles, Cal	Must be avoided if possible; switch or strap to be	Report, 1904, p. 174, sec. 87.
Louisville, Ky Memphis, Tenn	used; blows upon face or head forbidden. Forbidden. Must be avoided when good order can be preserved by milder measures.	Manual, 1905, p. 33, rule 3. Manual, 1898, p. 53, sec. 48.
Milwaukee, Wis	Permitted as last resort by principal only. Ex- cessive punishment and lonely confinement prohibited. Must not be inflicted in presence of class. All cases must be reported monthly to superintendent.	Rules and Regulations, 1001, p. 49, Art. XIV, secs. 7, 8.
Minneapolis, Minn	Permitted only when all other means fail. Prin- cipal only may inflict corporal punishment; then only when parents give written consent. Each case must be reported by principal to su- perintendent.	Report, 1904, p. 155, sec. 6.
Newark, N. J	Forbidden	New Jersey School Laws, 1902, p. 46, sec. 106.

ED 1905-vol 1-17

# Regulations concerning corporal punishment in public schools in cities of 100,000 or more inhabitants—Continued.

City.	Regulation.	Authority.
New Haven, Conn	May be administered, with consent of principal, in extreme cases only, but never at same session of school at which the offense was committed.	Manual, 1891, p. 56, art. 12 sec. 476.
New Orleans, La	Cases to be reported monthly to superintendent. Restricted to male pupils below high school, and to be administered only after all other means have failed. Only principal or assistant prin- cipal, by authority of the former, have right to inflict. Restricted to the hands and must not be inflicted in presence of class or at time of offense. Monthly report to superintendent required.	Report, 1902, p. 187, Art VII, secs. 5-8.
New York, N. Y Omaha, Nebr	Forbidden. Teachers are required to govern their pupils by kindness and appeals to their nobler affections and sentiments.	By-laws, 1902, p. 41, sec. 451 Rules and Regulations, 1900 p. 55, sec. 105.
Paterson, N. J	Forbidden	New Jersey School Laws 1902, p. 46, sec. 106.
Philadelphia, Pa Pittsburg, Pa	There is no rule, but corporal punishment is said to have been abandoned by common consent. Not forbidden, but is inflicted only in extreme	Report, 1900, p. 11.
Providence, R. I	cases. No pupil above primary liable, and in the latter only with written consent of parent or guardian. Each case must be reported to superintendent immediately, who causes an investigation to be	By-laws, 1903, p. 26, Art XIV.
Rochester, N. Y	made. May be inflicted in extreme cases by the principal or, with his consent, by an assistant.	By-laws and Rules, 1898 p. 38, sec. 5.
St. Joseph, Mo	Must be avoided as far as possible. Each case to be reported to principal and by him monthly to superintendent.	Report, 1890, p. 170, sec. 13.
St. Louis, Mo	Inflicted only with consent of principal, by either teacher or principal, presence of both being re- quired. Authorized but not encouraged by the board, being left largely to the discretion and judgment of principals. In some schools the latter dispense with it altogether, while in others it is permitted in extreme cases.	Report, 1903, p. 231.
St. Paul, Minn		Report, 1904, p. 219, sec. 131
San Francisco, Cal	May not be inflicted in the high schools or upon girls in any schools. It is permitted only in extreme cases and may be inflicted only by prin- cipals or by vice-principals with the consent of principals. Excessive punishment is prohibited, only a strap or a rattan being allowed.	Rules, 1900, p. 25, sec. 64.
Scranton, Pa	Forbidden except in flagrant cases of disobedience and disorder. Not to be administered in pres- ence of school, but some other teacher or the su- perintendent required to be present.	Rules and Regulations, 1887 p. 14, sec. 6.
Syracuse, N. Y	Forbidden	Rules and Regulations, 1898 p. 30, sec. 20.
Toledo, Ohio Washington, D. C	Forbidden. Must be avoided if possible. All cases must be reported monthly to principal and through him and supervising principal to superintendent.	By-laws, 1885, p. 53, sec. 3. Rules, 1903, p. 22, sec. 48.
Worcester, Mass	Permitted only in extreme cases, then only when approved by principal or superintendent. Must not be inflicted in presence of school. Teachers are required to make and keep com- plete records of all cases.	Rules, 1905, p. 24, sec. 13.

# REQUIREMENTS BY THE SCHOOL BOARDS OF CERTAIN CITIES AS TO VACCINATION OF SCHOOL CHILDREN.

City.	Regulation.	Authority.
Atlanta, Ga	No pupil admitted except upon satisfactory evi-	Rules (Annual Report, 1903
Baltimore, Md	dence of vaccination. Vaccination or other protection against smallpox required.	pp. 82–104), sec. 84. Rules, 1901, Art. XIX, sec. 1
Boston, Mass	Physician's certificate of successful vaccination or certificate showing that the health of child would be endangered by vaccination required.	Rules (School Doc. No. ( 1904), Chap. XVI, sec. 230
Cambridge, Mass	Record must be kept. Physician's certificate of successful vaccination or that child is unfit subject for same.	Rules, 1901, Chap. IX, sec 87.
Chicago, Ill		Rules and Regulations, 1898 p. 30.
Detroit, Mich	Certificate of successful vaccination required	Manual, 1904 (revised to Jan. 1, 1905), rule 76 (a).
Haverhill, Mass	Physician's certificate of successful vaccination or that child is unfit subject for same.	Regulations, 1905, Chap. XI sec. 1.
Jersey City, N. J	Successful vaccination required of both pupils and teachers.	Rules and Regulations (re vision of January, 1904) Rule LXI.
	Satisfactory evidence of vaccination or other protection against smallpox required.	Manual, 1905, sec. 2, rule 11
Newark, N. J	Physician's certificate of successful vaccination required unless pupil has had smallpox. Where insusceptibility to virus is claimed or demonstrated the matter is referred to com-	Rules, 1904, Art. V, sec. 1(a)
New Bedford, Mass	unless physician's certificate shows that he is	Rules and Regulations, 1902 chap. 44, sec. 6.
New Orleans, La	not a fit subject for vaccination. Physician's certificate of vaccination within seven years required of both pupils and teachers.	Rules, 1905, Art. V, sec. 1 (a) and (b).
Newton, Mass	Physician's certificate or other satisfactory evi- dence of vaccination unless child is unfit for same.	Rules, 1902, Chap. V, sec. 10
New York, N. Y	Physician's certificate of successful vaccination required of teachers, pupils, and janitors. The latter are also required to file semiannually certificates of vaccination of helpers and as- sistants and members of their families residing in school buildings. Principals must cooperate with agents of the board of health authorized to visit schools for the purpose of vaccinating	By-laws (amended to Jan 27, 1904), sec. 46, Arts. and 2, and sec. 122, art. 2
Paterson, N. J	pupils and teachers. Successful vaccination may be required by su- perintendent as a condition of admission (pre- sumably when the danger of an epidemic war- rants such a step).	Manual, 1901, page 40.
Philadelphia, Pa	Physician's certificate of successful vaccination, or that pupil has had smallpox, required. Principals required to report number of non-	Rules, 1903, Art. XXIII sec. 1.
Providence, R. I	vaccinated pupils applying for admission. Physician's certificate of vaccination or other evi-	Rules, 1903, Art. XI, sec. 4
Reading, Pa	dence of protection against smallpox required. Physician's certificate of successful vaccination required.	Manual, 1903, Sec. XIX rule 2.
<mark>St. Louis</mark> , Mo <b></b>	No child admitted unless vaccinated and suf- ficient evidence thereof presented to principal.	Rules, 1902, rule 49, Sec. VI
San Francisco, Cal Springfield, Ohio	Satisfactory evidence of vaccination required Satisfactory evidence of vaccination must be given when required by board.	Rules, 1900, Sec. III. Rules and Regulations, 1903 rule 39.
Washington, D. C	Successful vaccination or other protection against smallpox required.	Rules, 1903, sec. 3.
Worcester, Mass	Physician's certificate of vaccination, or that child is an unfit subject for the same, required.	Rules, 1905, Chap. IX, sec. 8

### EDUCATION REPORT, 1905.

## LENGTH OF SERVICE OF TEACHERS EMPLOYED IN CITIES IN THE UNITED STATES.

The following table gives, for several classes (or groups) of teachers, the percentage of the total number in each class (or group) who have served any given number of years up to forty, on two different bases, namely: (A), including all service, regardless of where performed, and (B), including only service performed in the city where employed at the time of the inquiry regarding it ("in present location").

This inquiry was made by the Bureau in 1904, and the results were published in considerable detail in its Annual Report of that year, chapter 23, pages 1277–1301.

	A.—Tot	al service, perfo	regardles rmed.	s of where	B.—Service in present location.				
Years.		in cities o tants and		Teach- ers in cities of		in cities of tants and		Teach- ers in	
	Males.	Females.	Both sexes.	100,000 in- habi- tants and over.	Males.	Femaies.	Both sexes.	cities of 100,000 in- habi- tants and over.	
Under 1 1	$\begin{array}{c} Per \ cent.\\ 1 \ 160\\ 3 \ 200\\ 3 \ 780\\ 4 \ 553\\ 4 \ 42.\\ 1 \ 50\\ 4 \ 553\\ 4 \ 42.\\ 1 \ 50\\ 4 \ 50\\ 1 \ 50\ 1 \ 1 \ 50\$	$\begin{array}{c} Per \ cent. \\ 1, \ 887 \\ 4, \ 808 \\ 5, \ 928 \\ 6, \ 558 \\ 6, \ 146 \\ 5, \ 705 \\ 5, \ 724 \\ 5, \ 705 \\ 5, \ 724 \\ 5, \ 797 \\ 3, \ 977 \\ 3, \ 977 \\ 3, \ 977 \\ 3, \ 977 \\ 3, \ 977 \\ 3, \ 371 \\ 5, \ 2, \ 919 \\ 2, \ 484 \\ 2, \ 352 \\ 2, \ 058 \\ 1, \ 908 \\ 2, \ 137 \\ 1, \ 598 \\ 1, \ 414 \\ 1, \ 208 \\ 1, \ 099 \\ 1, \ 071 \\ 1, \ 002 \\ 833 \\ 679 \\ 681 \\ . \ 771 \end{array}$	$\begin{array}{c} Per \ cent.\\ 1.\ 821\\ 4.\ 662\\ 5.\ 736\\ 6.\ 862\\ 5.\ 977\\ 5.\ 632\\ 5.\ 977\\ 5.\ 632\\ 5.\ 977\\ 5.\ 632\\ 5.\ 977\\ 5.\ 632\\ 5.\ 977\\ 5.\ 632\\ 5.\ 977\\ 5.\ 632\\ 2.\ 977\\ 3.\ 336\\ 3.\ 322\\ 2.\ 929\\ 2.\ 304\\ 7.\ 3.\ 336\\ 3.\ 322\\ 2.\ 929\\ 2.\ 366\\ 1.\ 981\\ 2.\ 265\\ 1.\ 981\\ 1.\ 981\\ 2.\ 265\\ 1.\ 981\\ 1.\ 1.\ 1.\ 1.\ 1.\ 1.\ 1.\ 1.\ 1.\ 1.\$	$\begin{array}{c} Per \ cent.\\ 2.\ 068\\ 4.\ 389\\ 5.\ 488\\ 5.\ 588\\ 5.\ 588\\ 5.\ 588\\ 5$	$\begin{array}{c} Per \ cent.\\ 4 \ 286\\ 11. 280\\ 10. 575\\ 8. 647\\ 5. 807\\ 5. 195\\ 4. 100\\ 3. 915\\ 3. 284\\ 3. 024\\ 4. 3. 024\\ 2. 690\\ 2. 559\\ 2. 356\\ 1. 560\\ 2. 559\\ 2. 356\\ 1. 575\\ 1. 466\\ 1. 577\\ 1. 132\\ 1. 596\\ 1. 243\\ 1. 150\\ 798\\ 1. 002\\ 948\\ 631\\ 816\\ 8$	$\begin{array}{c} Per \ cent.\\ 3.\ 409\\ 9.\ 592\\ 9.\ 588\\ 9.\ 582\\ 8.\ 084\\ 7.\ 331\\ 7.\ 331\\ 5.\ 041\\ 5.\ 045\\ 4.\ 061\\ 3.\ 295\\ 3.\ 295\\ 2.\ 811\\ 2.\ 681\\ 2.\ 297\\ 1.\ 829\\ 1.\ 565\\ 1.\ 412\\ 1.\ 565\\ 1.\ 412\\ 1.\ 565\\ 1.\ 412\\ 1.\ 567\\ 1.\ 529\\ 1.\ 587\\ 1.\ 529\\ 1.\ 587\\ 1$	$\begin{array}{c} Per \ cent.\\ 3, 491\\ 9, 750\\ 9, 681\\ 8, 136\\ 7, 246\\ 6, 345\\ 5, 337\\ 4, 460\\ 4, 046\\ 3, 656\\ 3, 216\\ 4, 046\\ 3, 656\\ 3, 216\\ 3, 238\\ 2, 790\\ 2, 633\\ 2, 333\\ 2,$	$\begin{array}{c} Per \ cent.\\ 3, 2t5\\ 7, 3c7\\ 8, 227\\ 7, 409\\ 6, 984\\ 5, 733\\ 5, 358\\ 5, 202\\ 4, 680\\ 4, 372\\ 3, 745\\ 3, 547\\ 3, 361\\ 2, 800\\ 2, 426\\ 2, 026\\ 1, 938\\ 1, 643\\ 1, 630\\ 1, 719\\ 1, 394\\ 1, 280\\ 1, 028\\ 9, 939\\ 9, 939\\ 9, 939\\ 885\\ 1, 074\\ 3, 866\\ 708\\ 855\\ 6, 687\\ \end{array}$	
31. 32. 33. 34. 35. 36. 37. 38. 39. 40 and over	$\begin{array}{c} .902\\ .601\\ .816\\ .666\\ .773\\ .795\\ .515\\ .365\\ .301\\ 3.458\end{array}$	$\begin{array}{c} .587\\ .501\\ .473\\ .420\\ .332\\ .259\\ .225\\ .191\\ .180\\ .606\end{array}$	$\begin{array}{r} . \ 615 \\ . \ 510 \\ . \ 504 \\ . \ 442 \\ . \ 372 \\ . \ 308 \\ . \ 251 \\ . \ 206 \\ . \ 191 \\ . \ 865 \end{array}$	$\begin{array}{c} \cdot .747\\ . 667\\ . 671\\ . 618\\ . 445\\ . 436\\ . 382\\ . 271\\ . 267\\ 1. 223\\ \end{array}$	$\begin{array}{c} .538\\ .408\\ .445\\ .408\\ .371\\ .427\\ .241\\ .297\\ .204\\ .798\end{array}$	$\begin{array}{r} .\ 466\\ .\ 438\\ .\ 378\\ .\ 342\\ .\ 252\\ .\ 185\\ .\ 172\\ .\ 132\\ .\ 136\\ .\ 419\end{array}$	$ \begin{array}{r} .473\\.435\\.385\\.348\\.263\\.208\\.178\\.147\\.142\\.453\end{array} $	$\begin{array}{c} . 636\\ . 602\\ . 514\\ . 489\\ . 350\\ . 316\\ . 270\\ . 189\\ . 215\\ . 657\end{array}$	

pensions.	
of	1
I.—Amount	
TABLE	

PENSIONS PAID IN GERMANY TO TEACHERS AND THEIR WIDOWS AND ORPHANS.

[From Paedagogische Zeitung, Berlin, April, 1906.]

		Full orphans.	33 <sup>1</sup> per cent of widow's pension for each of hild. 40 per cent of widow's pension, and \$37.50 from State till eight-	eenth year of life. per cent of father's salary.	25 per cent of widow's pension.	40 per cent of widow's pension; 30 percent for every additional child	e widow's pen- together must	ent of widow's 1.	Full pension of mother up to 15 years of age.	10 per cent of father's salary. 10 per cent of father's salary; at least \$16.60 per child.
ruhane	. smano.	Full		4			per cent of the	x's   40 per ce	Full pens up to 15	
Pansions to widows and omhans		Half orphans.	20 per cent of widow's pension for each child. 20 per cent of widow's pension, and \$25 from State till eighteenth	year of life. 4 per cent of father's salary.	20 per cent of widow's pension.	20 per cent of widow's pension.	Children receive 20 per cent of the widow's pen- sion till 18; but both pensions together must not exceed \$300.	20 per cent of widow's 40 per cent of widow's pension.	None	<ul> <li>4 per cent of father's salary.</li> <li>6 per cent of father's salary; at least \$10 per child.</li> </ul>
Pan	TAT	'To widows.	40 per cent of husband's pension; at least \$54. \$50 from local treasury; \$75 from State treas- ury.	20 per cent of husband's salary.	331 per cent of hus- band's pension.	30 per cent of husband's salary.	3.112.50, first to tenth year of teacher's serv- ice, \$125, eleventh to twen tieth year; \$137.30, twenty-first to thirtieth year; and \$200 from thirty-first	year of service. 25 per cent of husband's salary.	20 per cent of husband's pension; \$76.20 mimi-	mum. 20 per cent of husband's salary. 30 per cent of husband's salary; maximum, \$228,50.
		Annual increase.	13 per cent	From 1 to 3 per cent be- tween fifteenth and fortieth year of serv-	12 per cent if salary is \$600 or less; 13 per cent if salary is high-	$1\frac{\mathrm{er}}{2}$ per cent.	do	Varies between 1 and 4 per cent.	1 per cent.	13 per cent
Donsions to togohous	relisions to reachers.	Maximum.	75 per cent of salary \$218 for assistant; \$348 for teachers; \$435 for principal.	80	92½ per cent of salary up to \$600; 85 per cent if salary is higher.	75 per cent of salary	100 per cent of salary after 50 years of serv- ice.	90 per cent in most cit- ies; \$202.50 from land- owners.	80 per cent of salary	833 per cent of salary 13 per cent 90 per cent of salary 1 per cent.
		Minimum.	25 per cent of salary \$175 for assistant; \$180 for teachers; \$225 for principal.	30	40 per cent of salary	30 per cent of salary	40 per cent of salary	25 per cent in most cit- ies; \$112.50 in schools maintained by land-	owners. 40 per cent of salary	25 per cent of salary 50 per cent of salary
	Ctoto	Diate.	Prussia Bavaria	Saxony	Wurttemberg	Baden	Hesso	Mecklenburg- Schwerin.	Saxe-Weimar	M e c k l e n b u r g - Strclitz. Oldenburg

# TEACHERS' PENSIONS IN GERMANY.

State.		Pensions to teachers.			Pensions to widows and orphans.	
	Minimum.	Maximum.	Annual increase.	To widows.	Half orphans.	Full orphans.
Brunswick	334 per cent of salary	80 per cent of salary	1 <sup>1</sup> / <sub>2</sub> per cent, beginning in sixth year.	24 per cent of husband's salary.	None	50 per cent of widow's pension for 1 child; 663 per cent for 2 children; 100 per cent for 3 or
Saxe-Meiningen	40 per cent of salary	75 per cent of salary	1 per cent	20 per cent of husband's salary; at least \$77.50.	20 per cent of widow's pension, but together not more than three- fifths of widow's pen-	more churdren 533 per cent of widow's pension; 1 orphan one- fifth, altogether not more than eight-fifths of widow's remeion
Saxe-Altenburg	25 per cent of salary	80 per cent of salary	1 per cent from first to fourteenth year; 13, per cent from fir- teenth to twenty- courch year; 2 per cent from twenty- fifth to thirty-ninth-	25 per cent of husband's salary.	None.	
Saxe-Coburg	40 per cent of salary	100 per cent of salary	year.	do	30 per cent of widow's	Full pension of mother
Saxe-Gotha	do	do do	do	25 per cent of husband's	pension. None. do	for 1 or more children. Full pension of mother. Full nension of mother.
Schwarzburg-Son-	40 per cent of salary	80 per cent of salary	do.	salary; minimum, \$75, maximum, \$206. 20 per cent of husband's	33 <sup>3</sup> per cent of widow's	up to 18 years of age. 50 per cent of mother's
dersnausen. Schwarz b ur g-R u- dolstadt.	do	do	do	salary. do	pension for each child. None.	Pension for each child. Full pension of mother fill of ace
Waldeck	50 per cent from tenth to twenty-fifth year of service	663 per cent after twenty-five years of service	None .	25 per cent of husband's salary.	do	Full pension of mother to each of 3 orphans
Reuss (senior line)	40 per cent of salary	80 per cent of salary.	1 <sup>1</sup> / <sub>2</sub> per cent, beginning thirty-fifth year of	20 per cent of husband's salary.	do	Full pension of mother.
Reuss (junior line).	do	dodo	1§ per cent.	20 per cent of husband's salary; at least \$75.	Between \$20 and \$30 for each child up to 18	Full pension of mother; at least \$75 up to 21
Schaumburg-Lippe.	30 per cent of salary	do	1 per cent from 10 to 30 years; 2 per cent from	The State pays \$112.50 to every widow of	None.	years. None.
	40 per cent of salary, be- ginning with twelfth year.	do	11 per cent.	cent of hus- dary.	do	\$15 for each child.

TABLE I.—Amount of pensions—Continued.

40 per cent of husband's   20 per cent of widow's   333 per cent of widow's pension; maximum, pension for each child. pension for each child.	50 per cent of widow's pension; 2 or more children full mother's	20 to 25 per cent of 5 per cent of father's 10 per cent of father's husband's salary.	234 per cent of mother's pension for each child.
20 per cent of widow's pension for each child.	None	5 per cent of father's salary.	0 per cent of husband's 20 per cent of mother's 333 per cent of mother's pension.
40 per cent of husband's pension; maximum,	Between 16 and 32 per cent of husband's sal- ary.	20 to 25 per cent of husband's salary.	40 per cent of husband's pension.
13 per cent	2 per cent		
Lübeck	Bremen	Hamburg	Alsace-Lorraine 25 per cent of salary 75 per cent of salary 13 per cent.
333 per cent of salary	40 per cent of salary	40 per cent of salary up to 10 years of service.	25 per cent of salary
Lübeck	Bremen	Hamburg	Alsace-Lorraine

# TEACHERS' PENSIONS IN GERMANY. 211

....

		Pensions	Pensions to teachers.		
State.	Number of years after which pensions are au- thorized.	Is provision made for ear- lier payment of pension, or by act of grace?	May pension be claimed without proof of disabil- ity? At what year of service?	In what year does time of service begin?	After what year of hus- band's service may widow claim pension?
Prussia Bavaria.	10 years after first appoint- ment. From first day of appoint- ment.	In case of disability at any time.	At completed sixty-fifth year of age. Proof of disability always required, but is mere form	From day of first appoint- ment. October 1 after graduation from normal school.	After the tenth year of hus- band' service. From first day of husband's service.
Saxony.	10 years after definite appointment.	Extra provision by act of grace.	at high age. No	From day of last examina- tion; at least from twenty-five years of life.	From first year of hus- band's service.
Wurttemberg	10 years after 25 years of age.	do	No; but school authorities can require it after his six- ty-fifth year of age	From twenty-fifth year of age.	At husband's definite appointment.
Raden	10 years after first appoint- ment.	If disability is caused by service.	No.	From day of first appoint- ment.	After the tenth year of hus- band's service; if he dies earlier she is entitled to 80 per cent of minimum pen-
1	From day of definite ap- pointment.	After 5 years of service in one place.	At 70 years of age	From day of last State ex- amination.	From first year of husband's service.
Mecklenburg-Schwerin	In cities, after 10 years; in rural-districts, after 20 years	Extra provision by act of grace.	No	From day of first appoint- ment.	At husband's definite appointment.
Oldenburg	ears after ointment.		At 70 years of age, or after . 50 years of service.	dodo	After the fourth year of hus- band's service.
Saxe-Weimar	From day of definite appointment.		Law is silent on this point	From July 1 of year in which last examination	From first year of husband'r service.
Mecklenburg-Strelitz	10 years after definite ap- nointment	Yes; if disability is caused by service	No	From day of definite ap-	Do.
Brunswick	From day of definite appointment. 10 years after definite ap-	Extra provision by act of	At 70 years of age	do	From day of definite ap pointment. Do.
Saxe-Coburg.	From day of definite ap-	grace. No.	After 40 years of service, at	do	Do.
Saxe-Gotha	From day of provisional		ob years of age.	From day of last State ex-	One year after wedding.
	From day of definite appointment.		After 50 years of service, at 70 years of age.	From first day of service	From day of definite appointment.
Schwarzburg-Sonders- hauszn.	After the first year of serv- ice.		After 40 years of service	From twenty-first year of age.	After the first year of hus- band's service.

TABLE II.—Terms according to which pensions are computed.

212

# EDUCATION REPORT, 1905.

-

Schwarzburg-Rudolstadt.	Schwarzburg-Rudolstadt.   From day of definite ap-		At 65 years of age	At 65 years of age From day of definite ap-   From day of definite ap-	From day of definite ap-
)	pointment.			pointment.	pointment.
Waldeck	do	At once, at appointment, Law is silent on this point From day of first or pro-	Law is silent on this point	From day of first or pro-	- Do.
		333 per cent of salary		visional appointment.	
Reuss (senior line)	do	No At 65 years of age	At 65 years of age	From twenty-fifth year of From day of wedding.	From day of wedding.
				age.	
Reuss (junior line)	do	Special provision by act of At 70 years of age	At 70 years of age	From twenty-first year of Every widow has claim up-	Every widow has claim up-
Cohoundhine T inno	After 10 wears of service	from 10 moore of seminos No level morrision do	20	Hrom dev of first annoint. From dev of envolutment	On pension. From der of enneintment
	TOTA TOR TO GTRO & OT TOATT	TRAINIA ATA TORA AT	****	ment.	T TOW and AT appointments
Lippe	After 4 years of service No	No	rice, or	-do	After the fourth year of hus-
	•		at 65 years of age.		band's service.
Lübeck	10 years after first appoint-	) years after first appoint- If disabled in service, 333	No	From day of definite ap- After the tenth year of hus-	After the tenth year of hus-
	ment.	per cent of salary; if dis-		pointment.	band's service.
		grace is necessary.			
Bremen.	10 years after definite ap-	years after definite ap- By act of grace up to 40 per Yes.		do	D0.
	pointment.	cent of salary.			-
Hamburg	do	By act of grace	No	From day of definite ap- From day of definite ap-	From day of definite ap-
		•		pointment; at latest from	pointment, minimum \$125.
Alsace-Lorraine	do	If disability occurs	At 65 vears of age	twenty-mun year of lite. From day of first appoint - After the tenth year of hus-	After the tenth year of hus-
				ment.	band's service.

.9півтго.Г.95вгіА	8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
.grudmsH	444 444 55 55 55 55 55 55 55 55 55 55 55
Bremen.	6444448055555555555555555555555555555555
Lübeck.	888.989.919.444.448.919.919 88.938.919.944.448.919 88.938 388 388 388 388 388 388 388 388 388
.9qqi.I	247337288582828585858595944844848484848484848484848484
Schaumburg. Lippe.	858545666666666666666666666666666666666
roinui) szu 9.A (9nil).	94949494949494949494949494949494949494
Reuss (senior). (9nil	23255555555555555555555555555555555555
. Язідеск.	<mark>\$\$\$\$\$\$\$\$\$\$\$</mark> \$\$ <b>\$</b> \$
Schwarz b u rg- Rudolstadt.	8844444444 883373555555555555555555555555555555555
Schwarzburg- Sondershausen.	44444444444444444444444444444444444444
.tlada A	xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx
- Saxe-C о b u гg- Gotha.	46666666666666666666666666666666666666
.gandaətlA-9xs2	22222222222222222222222222222222222222
.n93nini9M-9xs2	64444444466555555555555555555555555555
Brunswick.	<mark>32856565568555555555656464646565555555555</mark>
Oldenburg.	22222222222222222222222222222222222222
.1smi9W-9xs2	64464466665555555555555555555555555555
.9259H	24231208555555555555555555555555555555555555
Baden.	20 20 20 20 20 20 20 20 20 20
Wurttemberg.	848484885888888888888444 848148888888888
.Ynoxe2	88888855888888888888888888888888888888
.sissur1	%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%
Years of service.	

TABLE III.—Comparative summary of pensions paid.

[Percentage of salaries]

· · · · · · · · ·

	71.66	3.33	ũ													
				;	:	- :		•				;			-	_
20 E	88	83.5	85	86.5	88	89.5	16.	92.5	94	95.5	67	98.5	100			
-			:			:	;					Ĩ				-
70 71 66	3.33	5														
			:	:		:				:	:			:	_	_
77.5							-									_
64	88	- 20	- 72	- 74		- 78	- 80						:		-	
80																
74.5 76	77.5	62	80													
66.66   66.66	99	. 66	:						;							-
-99 		- 66					-									_
8																_
81.33 82 83		. 83	. 33	. 83	.33	. 83	.33	. 83	.33	. 83	.33		;	-	-	-
28	32	85.	87	80	6	91	93	94	96	26	66	100				
76 77 5	2.62	80.5	82	83.5	85	86.5	88	89.5	91	92.5	94	95.5	67	98.5	100	
78	200															
64 65			68 .	. 69	- 20	71	72 .	73 .	74 .	75 .					-	
73.83				:	1	:										
133	5.00		~		- 1	:	1			ł	-				-	
	12	78.	26.8													
	62	80	81					-								
74	76 79	77 80	78 81	62	80	1		1		:	;	;				
77.5 74 77 78 78 78	76 79	77 80	78 81	62	80	1		1		:	;	;		100		
77.5 74	80.5 76 79	82 77 80	83.5 78 81	. 85 79	80	1		1		:	;	;		100		
69 77.5 74 75 74 75	72 80.5 76 79	73.5 82 77 80	75 83.5 78 81	85 79	86.5 80	88	89.5	1		:	;	;		100		
69 77.5 74 75 74 75	72 80.5 76 79	73.5 82 77 80	75 83.5 78 81	85 79	86.5 80	88	89.5	1		:	;	;		100		
72 78.50 69 77.5 74 74 80 95 70 5 79 79	76 82 72 80.5 76 79	77 83.75 73.5 82 77 80	85.50 75 83.5 78 81	87.25 85 79	89 86.5 80	90.75 88	89.5	1		:	;	;		100		
72 78.50 69 77.5 74 74 80 95 70 5 79 79	76 82 72 80.5 76 79	77 83.75 73.5 82 77 80	78 85.50 75 83.5 78 81	87.25 85 79	89 86.5 80	90.75 88	89.5	1		:	;	;		100		
72 78.50 69 77.5 74 74 80 95 70 5 79 79	76 82 72 80.5 76 79	3 77 83.75 73.5 82 77 80	75 78 85.50 75 83.5 78 81	79 87.25 85 79	89 86.5 80	90.75 88	92.50 89.5	1		94	;	;		100		
20 25 70 5 70 5 72 75 75 75 75 75	76 82 72 80.5 76 79	77 83.75 73.5 82 77 80	75 78 85.50 75 83.5 78 81	79 87.25 85 79	89 86.5 80	90.75 88	92.50 89.5	1	92.5	94	;	;		100		
72 78.50 69 77.5 74 74 80 95 70 5 79 79	76 82 72 80.5 76 79	77 83.75 73.5 82 77 80	75 78 85.50 75 83.5 78 81	79 87.25 85 79	89 86.5 80	90.75 88	92.50 89.5	1	92.5	94	;	;		100		
72 78.50 69 77.5 74 74 80 95 70 5 79 79	76 82 72 80.5 76 79	77 83.75 73.5 82 77 80	75 78 85.50 75 83.5 78 81	79 87.25 85 79	89 86.5 80	90.75 88	92.50 89.5	1	92.5	94	;	;		100		
72 78.50 69 77.5 74 74 80 95 70 5 79 79	76 82 72 80.5 76 79	77 83.75 73.5 82 77 80	75 78 85.50 75 83.5 78 81	79 87.25 85 79	89 86.5 80	90.75 88	92.50 89.5	1	92.5	94	;	;		100		
72 78.50 69 77.5 74 74 80 95 70 5 79 79	76 82 72 80.5 76 79	77 83.75 73.5 82 77 80	78 85.50 75 83.5 78 81	79 87.25 85 79	89 86.5 80	90.75 88	89.5	1		94	;	;		100		

## HIGHER COMMERCIAL EDUCATION IN EUROPE.

In Europe the importance of higher commercial education has been recognized by the establishment of commercial academies or university faculties of commerce in Leipzig, Frankfort-on-the-Main, Cologne, and Aix-la-Chapelle (Aachen), Germany; in Vienna, Trieste, and Prague, Austria; in Zurich, Switzerland; in Paris and Lyon, France; in Antwerp, Belgium; in London and Birmingham, England, and in Edinburgh, Scotland. The four institutions in Germany already, five years after their establishment, have nearly 3,000 students, 358 of whom are foreigners, chiefly from countries where no provision is made for higher commercial studies. These institutions have no uniform curriculum, such as universities or polytechnica have, nor is their organization the same. Two of the four institutions (Frankfort and Cologne) are independent schools, maintained by means of tuition fees, city subsidies, and endowments; one is connected with the University of Leipzig, one with the Polytechnicum at Aix-la-Chapelle. The Leipzig institution is the oldest of the four and has the greatest number of matriculated students; that of Cologne has the largest number of hearers (or nonmatriculated students), most of whom attend evening courses. The institution at Frankfort is modeled somewhat after the French social science schools and bears the title "Academy of Social and Commercial Sciences." The other three have purely commercial curricula, in which the subject of "merchandise," or commercial technology, takes up much time. All of them teach from four to six modern languages, two or three of which are optional studies. A fifth institution, intended to aid the higher education of merchants, is planned for Hamburg, where the officials of the great steamship companies and the heads of exporting houses are agitating the establishment of a commercial university. In Berlin the Chamber of Commerce will open a new institution for higher commercial studies in October, 1906. The course of study for the year 1906–7 is designed to include 72 series of lectures by 35 professors. The subjects are: Commercial science, political economy, commercial law, pure and applied natural science, geography, counting-house theory and practice, study of merchandise, technology, insurance, and others. A seminary for foreign languages will be connected with this new school, where in addition to Russian, Spanish, Italian, English, and French, other languages, such as Danish, Swedish, Portuguese, Japanese, Chinese, Arabic, and Suaheli will be taught as special or optional studies. The institution is to be governed by a faculty—that is, it is to have a collegiate organization, with a rector at its head. Professor Jastrow has been chosen for the first rectorial period of three years. Though this university will not grant academic degrees, its graduates will be admitted to State examinations, the passing of which entitles them to high positions in the State's service. The institution will be opened in its own home erected for the purpose. It is independent of the old established university. There seems to be prevalent among the founders and supporters of higher commercial institutions in continental Europe a dislike to submit the professional education of merchants to the old established rules and methods of universities.

SALARIES OF SCHOOL TEACHERS AND OFFICIALS.

Salaries of school officers and teachers in cities of 25,000 inhabitants and upward, 1905.a

I.-SALARIES OF OFFICERS AND SUPERVISORS AND TEACHERS OF SPECIAL SUBJECTS.

.guidoos to	Supervisor o	21	\$\$50 900 (d)
t kindergar- ns.	o rosiviequ <sup>2</sup> et	20	\$900 
.guiwes fo	Supervisor	1 B	\$5255 \$5255 9000 5255 525 11, June
leunem to .3nin	tosiv19qu <sup>2</sup> is11	18	\$5, 100 - 5 \$5, 100 - 1 1, 350 - 1 1, 000 - 1 1, 1000 - 1 1, 400 - 1 1, 400 - 1 1, 400 - 1 1, 1000 -
.nsm19D fc	Supervisor	17	stor 190 City, and altendary
.zaitirw fc	Supervisor of	16	(e)
ning.	to seirslaß. etnateises	15	bio
al tra	o rədmuN stastsissa	14	1     1     \$\$       1     \$\$     \$\$     \$\$       1     \$\$<
Physical training	Supervisor.	13	81,000 1,540 1,200 1,500 450 450 450
	to seitalaB etastaisea	12	3 n \$900
Music.	Number of stratsisse.	11	3
A	Josivi9qu <sup>2</sup> .	10	$\begin{array}{c} {}^{11}_{11}, {}^{600}_{11}, {}^{600}_{12}, {}^{700}_{12}, $
δό	5alaries of strataissa.	6	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$
Drawing.	Number of stantsizes.	90	10 10 10 10 10
D	Tozivisqu <sup>R</sup>	2	$\begin{array}{c} \textbf{81,000}\\ \textbf{1,500}\\ \textbf{1,500}\\ \textbf{240}\\ \textbf{240}\\ \textbf{240}\\ \textbf{240}\\ \textbf{260}\\ \textbf{250}\\ \textbf{1,200}\\ \textbf{1,200}\\ \textbf{1,200}\\ \textbf{1,200}\\ \textbf{1,200}\\ \textbf{1,200}\\ \textbf{31a tree}\\ \textbf{21a tree}\\ \textbf{21a tree}\\ \textbf{21a tree}\\ \textbf{12a tree}\\ \textbf{21a tree}\\ $
Assistant superin- tendents and gen- eral su- pervisors.	.səirslaB	9	\$1,800 2,500 2,400 (d) (d) achtro: ated, di
Ass sul ter ano er per	Number.	ю	$\begin{bmatrix} & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & $
.sloodss to tus	bnətnirəquZ	4	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
.noitsluc	Rank in pol	ŝ	90 27 113 96 40 113 113 113 113 113 1112 1112 1112 111
-fO susus) .ste, 1905).	noitsluqo¶ mits9 95ft	5	
Citte		1	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$
			1 Althorn and a second a seco

of cooking.	rosivisquB	21	\$1,500				1, 125	1.200
of kindergar- ns.		20	\$2,880	1,000				
.zniwes lo	losivisquB	19	\$936	1,000	700	(c)		
lsunsm fo .3nin	tosivi9quS isij	18	\$2, 508	2,000	1,200		3,000	000 6
of German.	losivisquB	17						e9 100
.gnititw fo	losivisquB	16		\$1,600	(g)	618		0000
ning.	fo seitslaß. etneteises	15	$\begin{array}{c} \$2,280\\ 1,200\\ 1,200\\ 936\\ 750 \end{array}$	825 9	850	008	to 1,300	050
il trai	Number of stratsissa.	14	1 1 0 0 0 0 1 4 4 1 2 7 4 1				21	¢
Physical training	Supervisor.	13		1,400	1,000 $1,713$	540	3,000	000 6
	to seitslaß. 2. stustsissa	12	$\begin{array}{c} \$2, 652\\ 2, 292\\ 1, 140\\ 1, 044 \end{array}$	1,550 1,200	850		1,400	600
Music.	Number of strataises.	11		 			4	c
W	.102iv19qu2	10	\$3,000	(c)	$\begin{smallmatrix} 1,000\\1,050\\2,000\\1,300\end{smallmatrix}$	( c) 570		0 100
	to zoitala2. estantes.	6	22,508 2,500 1,500 1,200	750	800	(c)	1,400	OED
Drawing	Number of assistants.	00		3		: - :	4	r
Dr	Supervisor.	2	\$3,600	$^{1,200}_{1,600}$	$g \ 700 \\ 2, 000 \\ 1, 300 \\ 950 \\ 900 \\ 900 \\ 000 $	$540 \\ 850$	2,400	000 6
Assistant superin- tendents and gen- eral su- pervisors.	Salaries.	9	\$3, 780	$^{(c)}_{2,000}$	1, 300		2,500	
Ass suj ten era per	Number.	NO.	9	e 2	÷.1		91-	- C
.sloodos to tue	bnətnir squ <sup>2</sup>	4		3,900 5,000 5,000	$\begin{array}{c} 72\\ 33,500\\ 3,500\\ 3,500\\ 3,500\\ 3,000\\ 3,000\\ \end{array}$		10,000	2000
.noitsluq	Rank in po	33	10	$^{54}_{8}$	181     108     108     122     122     160     160     122     160	$128 \\ 129 \\ 128 $	61	F
-10 susus) (Census 01- (5001, 9180).	roitsfugoT mites esti	64	595, 380	$\begin{array}{c} 82,061\\ 47,794\\ 376,945 \end{array}$	$\begin{array}{c} 25,318\\ 41,757\\ 97,434\\ 83,363\\ 37,907\\ 28,759\end{array}$	56, 232 34, 179 37, 289 37, 333	, 990, 750	343 337
City.	- Cont	1	Boston, Mass. a	Bridgeport, Conn Brocton, Mass Buffalo, N. Y. <sup>d</sup>	Burlington, Iowa Butte, Mont Cambridge, Mass. h Camden, N. J. h Coanden, N. Dho.		Chicago, Ill	29 Cincinnati Ohio h
		1	17					

Salarics of school officers and teachers in cities of 25,000 inhabitants and upward, 1905-Continued.

EDUCATION REPORT, 1905.

:	800 800 850 855	700	665 900		
1,400	500 1,100	$^{(c)}_{700}$	1,400	900	
	700 1, $392$ 1, $200$	700	750 450 (c)		ining.
2, 500	$\begin{array}{c} 900\\ 1,200\\ 1,200\\ 1,425\\ 1,500\\ 1,500 \end{array}$	1,700	900 1,216 800 (r)	1,500	ual tra
	$m = 600 \\ 1,045 \\ 760$		$q_{1}^{2}, 200_{(c)}$		of man
2,200	$^{(g)}_{1,282}$	1,500 675			schools ervisor
k1         1,300           k3         1,200           12         1,100           13         1,000           k1         1,050           k3         1,000           k1         1,050           k1         1,050           k1         1,050           k1         1,050           k1         1,050           k1         850	<u> </u>				* Special teachers in high schools. Includes 1 special teacher in high schools. # Half-time. # Also of elocution. e Salary schedule for 1906. # Also teacher in high school. # Also teacher in high school. * Supervisor of drawing is also supervisor of manual training. s Singing, 4 days per week.
3,000	$\begin{array}{c} 1,250\\ 1,100\\ 1,750\\ 1,750\\ \end{array}$	1,500 900	$\begin{pmatrix} 900\\500\\650\\650\\1,200 \end{pmatrix}$	1,000	ers in hig ecial teac tion. ile for 19 ule for 19 in high s in high s i drawing ys per we
1,200			213	475	* Special teachers in high sel 1 fuctudes 1 special teacher i m Halt-time. Also of elecution. e Salary schedule for 1905. P Salary schedule for 1905. A lao teacher in high school of Also teacher in high school r Supervisor of drawing is al s Singing, 4 days per week.
-					Sala Sala Sala Sala Sala Sala Sala Sala
1,600	$(c) \\ 1,500 \\ 1,550 \\ 1,250 \\ 1,250 \\ 1,750 $	$\overset{(c)}{1,500}$	${ \begin{smallmatrix} 1,000\\(f)\\(f)\\731\\1,200\\1,400\\1,200\\s600 \end{smallmatrix} }$	$\begin{array}{c} 1,100\\950\\1,200\\1,1000\\1,140\\1,800\end{array}$	~~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
	1,500		456 1,200 1,275	200 950 700	
			- 2		
2, 200	$\begin{smallmatrix} 1,200\\ 1,500\\ (cg)\\ 700\\ 1,282\\ 2,000\\ 2,000 \end{smallmatrix}$	${(c) \\ 1,000 \\ 1,050 }$	${f r}^{1,200}_{1,200}$ 1,200 1,200 703 1,200 1,200 1,200 1,500	$1,100\\1,188\\800\\1,300\\950$	
$3,000\\2,750\\1,800\\1,600\\1,$	3,000	2, 500		1,600	ding.
		- I-			l rea es. riting
5,000	$\begin{array}{c} \begin{array}{c} & (c) \\ & $	(2000000000000000000000000000000000000	10,000,000,000,000,000,000,000,000,000,	, 2000000000000000000000000000000000000	ning and ar grad tor of w
N	$ \begin{array}{c} 161\\ 28\\ 28\\ 114\\ 26\\ 26\\ 26\\ 26\\ 26\\ 26\\ 26\\ 26\\ 26\\ 26$	57 107 67 163	$\begin{array}{c} 1185\\ 1116\\ 73\\ 76\\ 156\\ 38\\ 38\\ 38\\ 141\\ 141\\ \end{array}$	88 1167 1175 44 82 82 82	006. 1 trai amm 2ervis
437, 114	$\begin{array}{c} 28, 186\\ 142, 105\\ 25, 231\\ 45, 877\\ 52, 248\\ 39, 797\\ 98, 350\\ 98, 350\\ 150, 317\\ \end{array}$		$\begin{array}{c} \begin{array}{c} \begin{array}{c} & 25, 175\\ & 39, 385\\ & 39, 509\\ & 58, 729\\ & 58,$	$\begin{array}{c} 49,975\\ 27,028\\ 33,484\\ 26,011\\ 97,756\\ 54,807\\ 54,807\end{array}$	ument No. 1, 1906. alary, physical training and reading alary, and of grammar grades. mary and of grammar grades. wing is also supervisor of writing. port for 1905. mary grades. or 1907.
		1se	Bast Orange, N. J Bast Orange, N. J Bast St. Louis, III. Elimita, N. Y Erie, Pa. <i>p</i> Evansville, Ind Eventle, Mass. <i>p</i> Fall River, Mass. <i>p</i> .	Port Wayne, Ind. Fort Worth, Tex. Galveston, Tex. Glouesetr, Mass. Grand Rapids, Mich. <i>p</i> Hamilton, Ohio.	<ul> <li>From School Document No. 1, 1906.</li> <li>Teachers of vocal music, physical training and read c Noatum as to salary.</li> <li>From salary schedule for 1905.</li> <li>From salary schedule for 1905.</li> <li>From 1907.</li> <li>Supervisor of drawing is also supervisor of writing.</li> <li>A From Annual Report for 1905.</li> <li>Supervisor of primary grades.</li> <li>Supervisor of primary grades.</li> </ul>
33	33 33 40 33 33 40 33 40 33 40 34 40 35 40 34 40 35 40 35 40 35 40 35 40 35 40 35 40 35 40 35 40 35 40 35 40 35 40 35 40 35 55 55 55 55 55 55 55 55 55 55 55 55	4 84 43 45 64 43 45 7	552	56 57 60 53 53 53 53 53 53 53 53 55 53 55 55 55	

TEACHERS' SALARIES.

of cooking.	Tosiv19qu2	21	\$500 500 1,300 1,500
of kindergar- ns.		20	(a) \$625 900 1,500
.guiwes to	rosivisquB	19	\$700 \$700 1,300
of manual ning.	rosivrequZ isrt	18	(a) (a) 1,000
of German.	rosivisquB	12	(a) 1,720 (a) 625 625
.gnitirw fo	rosivisquZ	16	$\binom{e}{a}$ (a) (a) 1, 200
aining.	fo səirsiss sinsisisse.	15	\$450 350
al tra	Number of astrates.	14	
Physical training	.108iv19quB	13	\$1,800 1,050 1,300
	to seitalaS estantes.	12	\$500 650 1,400
Music.	Number of stantsisse.	1	
W	.102119quB	10	(a) \$950 \$950 \$950 \$950 \$00 \$00 \$00 \$00 \$00 \$00 \$00 \$
مف	Salaries of strataissa.	6	\$550 720 720 720 720 7700 7550
Drawing	Number of a stants.	<b>%</b>	
Dr	.102iv19quB	2	$ \begin{array}{c} (a) \\ \$8350 \\ \$850 \\ 2, \$900 \\ 2, \$900 \\ 2, \$900 \\ 2, \$900 \\ 600 \\ 600 \\ 1, 7000 \\ 1, 7000 \\ 1, 5000 \\ 8000 \\ 8000 \\ 1, 5000 \\ 1$
Assistant superin- tendents and gen- eral su- pervisors.	Salaries.	9	32,500 1,300 1,300 1,300 1,65 1,65 1,200 2,400 2,400 2,750
Ass sul ten anc ere ere per	Number.	10	2
ent of schools.	bnətnitəquR	4	<sup>2</sup> <sup>2</sup> <sup>2</sup> <sup>2</sup> <sup>2</sup> <sup>2</sup> <sup>2</sup> <sup>2</sup>
.noitsluc	Поц пі мивЯ	ŝ	1244 1245 1258 1258 1258 1258 1258 1258 1258 125
-fO susus) ate, 1905).		5	88.21 1997 1997 1998
Gite	. (10)	I	Hartford, Conn. Haverhill, Mass. b Holoken, N.J. Holoken, N.J. Holyoke, Mass. b Holison, Tex. c. Holison, Tex. c. Jackson, Mich. Jackson, Mich. Jackson, Mich. Jamestown, N. J. c. Jamestown, N. J. c. Johnstown, Pa Johnstown, Pa Johnstown, Pa Johnstown, Pa Johnstown, Pa Johnstown, Pa Kalamazoo, Mich. Kalamazoo, Mich. Kalamazoo, Mich. Kalamazoo, Mich. Larence, Mass. Lewrnee, Mass.
			\$

EDUCATION REPORT, 1905.

TEACHERS' SALARIES.

600 720 700 900	1,000 750	009	$\begin{array}{c} 2,500\\ 750\\ 1,100\\ (a)\\ 850\\ 900 \end{array}$	
		1,000 (a)	2,533 1,235 1,500	1901.
	h1,300 700 600	750 625	$\begin{array}{c} 2,500\\ 500\\ 1,100\\ 450\\ 700 \end{array}$	Also bookkeeping. Salary schcdule for 1901. Half time.
(a) (a)	::::oo o o :	$ \begin{array}{c} 2,000\\ 360\\ (a) \end{array} $	$\begin{array}{c} 4,000\\ 1,500\\ 1,000\\ (a)\\ (a)\\ (a)\\ \end{array}$	bookke y schce time.
(a)				<i>i</i> Also <i>j</i> Salar <i>k</i> Half
(a) (a)	(e) ( $(e)$ ) $(e)$ $(h2,000)$ $(h2,000)$ $(h2,000)$ $(h2,000)$ $(h2,000)$ $(h2,000)$ $(h2,00)$	( <i>e</i> ) ( <i>a</i> )	1,050 1,500 (a)	
			$\left\{ \begin{array}{c} 900\\ 1,400\\ k756\\ \end{array} \right\}$	
			12 2 1	
000 000	450 000 750	850		
$(a) \\ 900 \\ 1,000 \\ 1,000 $	$\frac{450}{\hbar 2,000}$	850	$\begin{cases} 4,000 \\ 1,200 \\ (a) \\ (a) \\ (750 \end{cases}$	Dig
	h 1, 200	585 to 675	1,000 to 2,160	f writi
	1 h	2.Q	22	sor of
$\begin{array}{c} 1,800\\ 1,000\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ \end{array}$	$\begin{array}{c} 720\\ 1,080\\ 1,100\\ 1,100\\ 1,900\\ 1,250\\ 810\\ 810\\ \end{array}$	2,300 750 1,000 1,800 1,800	$\begin{array}{c} 4, \\ 2, 000 \\ 1, 200 \\ $	ipervi
				lso su des. a des.
006	h1,200	540 540 540 800 300	900 to 700	drawing is also s primary grades. grammar grades
		11	24	awin imar amm
$\begin{array}{c} 1,250\\ 1,500\\ 700\\ 2,000 \end{array}$	$\left( \begin{array}{c} \epsilon \\ 1, 080 \\ h \\ 1, 500 \\ 1, 500 \\ 1, 500 \\ 1, 500 \\ 850 \\ 630 \end{array} \right)$	$\begin{array}{c} 1,700\\ 850\\ {}^{e}750\\ 1,000\\ 2,000\end{array}$	$\begin{array}{c} 4,000\\ 800\\ 1,500\\ 1,500\\ 1,400\\ 1,400\\ 1,500 \end{array}$	Supervisor of drawing is also supervisor of writing Supervisor of primary grades. Supervisor of grammar grades. Maximum.
2,2,2,500 2,2,400 2,200		2,100 1,500	$\begin{array}{c} 46,500\\ 5,000\\ 1,235\\ 1,235\\ \end{array}$	Supervisor of Supervisor of Supervisor of Maximum.
	<b>1</b>	2 1, 2 1,		Sup Sup
000000000000000000000000000000000000000			26 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 - 0 4
4, 6,2,9,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,	1,2,2,3,000 8000 8000 8000 8000 8000 8000 800	3,800 2,500 3,710 3,000 1,500 3,500	$ \begin{array}{c} {}^{d}10,\\ {}^{\phi}10,\\ {}^{\phi}9,$	
$\begin{array}{c} 125\\ 121\\ 122\\ 122\\ 123\\ 30\\ 13\\ 13\\ 13\\ 13\\ 12\\ 12\\ 12\\ 12\\ 12\\ 12\\ 12\\ 12\\ 12\\ 12$	$\begin{array}{c} 104\\ 115\\ 173\\ 50\\ 50\\ 158\\ 153\\ 170\\ 170\\ 134\\ 134\\ 134\\ 134\\ 134\\ 134\\ 134\\ 134$	$\begin{array}{c} 33\\ 14\\ 154\\ 187\\ 164\\ 130\\ 130\end{array}$	168 173 174 174 173 123 123 123 174 174 174 179 179 168 179 179 179 179 179 179 179 179 179 179	
042 024 037 037 037 037 037 037 037 037 037 037	$\begin{array}{c} 100 \\$	119, 027 309, 639 25, 039 25, 039 36, 827 36, 827	$\begin{array}{c} 000,925\\ 26,431\\ 72,670\\ 1120,565\\ 31,575\\ 33,577\\ 33,577\\ 43,381\\ 65,026\\ 65,026 \end{array}$	
261, 5	3,8,9,4 3,8,9,4 3,8,9,4 3,9,9,4 3,9,9,4 3,9,9,4 3,9,9,4 3,9,9,4 3,9,9,4 3,9,9,4 3,9,9,4 3,9,9,4 3,9,9,4 3,9,9,4 4,9,9,4 4,9,9,4 4,9,44,4 4,4,4,4 4,4,4,4,4,4,4,4,4,4,4,4,4	$\begin{array}{c} 119, \\ 309, \\ 25, \\ 36, \\ 36, \\ 36, \\ \end{array}$	$\begin{array}{c} 4, 000, \\ 26, \\ 53, \\ 30, \\ 33, \\ 33, \\ 65, \\ 65, \\ \end{array}$	
Lynn, Mass McKesport, Pa. Macon, Ga. b. Malden, Mass. Mandbester, N. H Memphis, Tenn. Meriden, Com. Milwaukee, Wis. c	Mobile, Ala. Montgomery, Ala Muncke, Jnd. Nashvile, Tem Newark, N. J. b Newark, N. J. b New Bedfor, Mass. b New Britain, Conn. New Britain, Conn. Newenstle, Pa.	New Haven, Conn New Orleans, La Newport, Ky <i>i</i> Newport, R. I.¢ Newport News, Va Newton, Mass.	New York, N. Y. Niagara Falls, N. Y. e. Norfolk, Valls, N. Y. e. Norfolk, Valls, N. Y. e. Onaha, Nohr Orange, N. J. Pastaco, N. J. Pastaco, N. J. Paturucket, R. I. Pavtucket, R. I. Portia, III.	a No datum as to salary. <sup>b</sup> Salary schedule for 1906. <sup>c</sup> Salary schedule for 1905. d For 1907.
Lynn, Mass. MacKessport, Pa Macdon, Ga, b. Malden, Mass. Mauchester, N. H. Memphis, Tenn. Meriden, Conn Milwaukee, Wis. e. Minneapolis, Minn.	Mobile, Ala. Montégomery, Ala. Muncie, Jud. Nashua, N. H. Nashville, Tenn. Nashville, Tenn. Nashville, Alas. Newark, N. J. b. Newarke, N. Y. Neworstele, N. Y. Neworstele, N. Y.	New Haven, Conn New Orleans, La Newport, Ky. j Newport, R.I.e Newport News, Va. Newton, Mass	New York, N. Y. Niagara Falls, N. Y. Nortouk, Va. Oukland, Cal. Oukland, Ach. Ornapa, N. J. Ornarge, N. J. Passale, N. J. Passale, N. J. Pastucket, R. I. Powtucket, R. I. Powtucket, R. I. Powtucket, R. I.	atum ry sch ry sch 1907.
Lynn, Mass McKeesport, P Malden, Mass. Malden, Mass. Manchester, N. Menphis, Tenn Meriden, Com. Milwaukee, Wi Minwaukee, Wi	le, A le, J le, J	Have Orles port, port l	New York, N. Naigara Falls, Norfork, Va Dakland, Cal Danae, N. J. Dange, N. J. Dange, N. J. Passaic, N. J. Passaic, N. J. Pawtucket, R.	a No datui <sup>b</sup> Salary sc c Salary sc d For 1907.
Lyn. McK Marck Mand Merid Milw	Mobil Munn Munn Nash Newi Newi Newi Newi Newi	New New New New New	New Niag Norti Oakl Oran Osh Pass Pate Pate Pate	0 0 0 0
90 90 90 90 90 90 90 90 90 90 90 90 90 9	$\begin{array}{c} 100\\ 101\\ 102\\ 105\\ 105\\ 106\\ 106\\ 107\\ 109\\ 109\\ 109\\ 109\\ 109\\ 109\\ 109\\ 109$	110 111 112 113 113 114	$\begin{array}{c} 116 \\ 117 \\ 118 \\ 121 \\ 122 \\ 122 \\ 123 \\ 124 \\ 125 \\ 126 \\ 126 \end{array}$	
ED 1905	VOL 1			

d, 1905—Continued.	I SUBJECTS-Continued.
upwan p	SPECIA
s an	OF
00 inhabıtant	) TEACHERS
25,0	INA
Salaries of school officers and teachers in cities of 25,000 inhabitants and upward, 1905-Cont	L-SALARIES OF OFFICERS AND SUPERVISORS AND TEACHERS OF SPECIAL SUBJECTS-Continued
Salaries of schoc	-SALARIES OF
	1

of cooking.	tosivisquZ	21	\$770 900 800		(e)			i 896		1,500
of kindergar- ms.		20	\$1,800	1,200		(c)		<i>i</i> 2,048		
.zniwsz ło	tosivi9quZ	19	\$770		950 600	750	550	i 632	800	$^{800}_{1,200}$
lsunsm fo .3ning.	tosivi9quZ isit	18	<i>d</i> \$360 1,500	$_{(h)}^{1,400}$	$_{(c)}^{1,200}$	(c)		<i>i</i> 1,200	1,000	$^{1,500}_{1,200}$
of German.	rosivisquZ	17								11, 170
of writing.	losivisquZ	16	ŝ	\$600 1,200			<i>d</i> 500 (c)			
ining.	fo seitalaS .etnateises	15						a \$640 to 724	750	1,200
l trai	Number of assistants.	14							1	-
Physical training	.108iv19qu2	13		\$1,200 1,600			675	d 896	1,400	1,800
	fo esitstal etrateizes.	12	\$1,000	1,000	550			$\left. \substack{\substack{d \ 480\\ \text{to}} \\ 1,320 \end{array} \right\}$		006
Music.	e recharded a series	11	116	2				2		
W	.Tosivisqu2	10	$\begin{array}{c} \$3,000\\ 1,500\\ 1,000\\ 1,800 \end{array}$	(c) (c) (1,200 (2,000	00 00 00 00 00 00 00 00 00 00 00 00 00	1,300	1,000	<i>i</i> 1,968	1,600 -	1,500
bù	fo sistaries assistants.	6	\$1,000	800 1,000		1,000		1,320		006
Drawing	Number of strateises.	x	1 1 1 1	101 01		F		10		-
Dra	.102iv19qu2	•	33,000 1,500 1,000 71,400	$^{1,000}_{c700}$	$^{(c)}_{(c)}$	1,200	$1,000 \\ 1,125 \\ 1,125$	i 2,048	1,500	,675 1,620
Assistant superin- tendents and gen- eral su- pervisors.	.z9i1sIsZ	9	\$3,000 (c)	$^{(c)}_{2,000}$	1,700	2,000	1,800	4,000	1,800	1,702
Assis supe tende and eral pervit	Number.	10	b 1	<i>9</i> 1 1	-		-	2012	101	- 4,
aloodos to tas.	bnətnirəqu2	4	\$2,500 5,000 2,300 (c)	$\begin{array}{c} 4,000\\ 2,500\\ a \ 5,000\end{array}$	2,500	2,000 2,000	2,200 2,000 2,0000	5,500	4,000	k 4,000 4,000
.noitsluo	loq ni AnsA	m	177 3 1288 1888 833 833	$^{39}_{21}$	152 118 162 144 48			ŝ	22 196	12 22
(Census Of- ate, 1905).	noitaluqoT mites soft	ત્ર	$\begin{array}{c} 25,895\\ ,417,062\\ 364,161\\ 25,001\\ 54,330\end{array}$	$\substack{104,141\\25,146\\198,635}$	$\begin{array}{c} 30,457\\ 38,632\\ 28,076\\ 32,290\\ 32,290\\ 89,111\end{array}$	86,880 182,028	30,732 30,732 47,676 115,479	636, 973	197,023 37,697	58,914 58,914 61,146 364,677
		I	Perth Amboy, N. J. Philadelphia, Fa. Pittsburg, Pa. Pittsburg, Ma.s.	Portland, Oreg. e Poughkeepsie, N. Y Providence, R. I.e	Pueblo, Colo Quincy, III. Quincy Mass. e Racine, Wis. Reading, Pa.	Richmond, Va. Rochester, N. Y.	Sacramento, Cal. Sagramento, Cal. Sagraw, Mich. (East Side). St. Joseph, Mo	St. Louis, Mo. 1	St. Paul, Minn. k	Salt Lake City, U tah e San Antonio, Tex. e San Francisco, Cal. e
			128 128 130 131	132 133 134	135 135 137 138 138	140	143 143 145	146	147	151

EDUCATION REPORT, 1905.

1,000 800 900 300 550 800	
$\begin{array}{c c} (n) \\ (n)$	
(c) (c) (c) (c) (c) (c) (c) (c) (c) (c)	school.
$\begin{array}{c c} m_1, 700 \\ \hline m_1, 700 \\ \hline 1, 400 \\ \hline 1, 500 \\ \hline 1, 500 \\ \hline 1, 540 \\ \hline (e) \\ (e) \\ \hline (1, 850 \\ 1, 100 \\ \hline 1, 200 \\ \hline 1, 200 \\ \hline \end{array}$	in high ning.
1,000	tment i ns. cal trai \$2,200.
1,500           810           810           700           1,000           1,000           1,000           1,000           1,000           1,000           1,000           1,000           1,000           1,000           1,000           1,000           1,000           1,200	ig depart lergarto of physi imum, imum,
<sup>250</sup> <sup>1, to 0</sup> <sup>250</sup> <sup>1, to 0</sup> <sup>250</sup>	trainin nd kind tryisor ( ce; min De; min
- · · · · · · · · · · · · · · · · · · ·	ool. unual des a supe servi servi
$\begin{array}{c} 650 \\ (e) \\ (e) \\ (1,500 \\ (0) \\ (0) \\ (1,100 \\ (1$	r 1905. r 1907. iigh schn ge of ma ary gra ary gra ars gra ars e years e years
$\left \begin{array}{c} 500\\ 900\\ 1,000\\ 1,000\\ 1,500\\ 200\\ 200\\ 200\\ 200\\ 200\\ 200\\ 200\\ $	J Salary schedule for 1905. A Salary schedule for 1907. I Special teacher in high school. m Supervisor of primary grades and kindergartens. e Supervisor of music is also supervisor of physical training. e Maximum after five years service; minimum, \$1,500. r No data.
	y schoor
$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} $	j Salary s k Salary s l Special t m Submass n Supervis o Supervis p Maximu r No data
$\begin{array}{c} & 750\\ & & 800\\ & 1,000\\ & & 1,000\\ & & & 200\\ & & & & & \\ & & & & & \\ & & & & & & $	
$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \end{array}\\ \end{array}\\ \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \end{array}\\ \end{array}\\ \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \end{array}\\ $	ining.
$\begin{array}{c} 2,000\\ \hline 2,000\\ \hline (e)\\ \hline (e)\\ \hline (e)\\ \hline (e)\\ \hline (e)\\ \hline \end{array}$	iting. 1ual tra
	of wri
$ \begin{array}{c} & & & & & & & & & & & & & & & & & & &$	stvisor c
73         73           1111         111           111         111           111         113           111         113           111         113           112         113           113         113           114         113           115         115           116         116           117         117           116         116           116         116           116         116           116         116           116         116           116         116           116         116           116         116           116         116           116         116           116         116           116         116           116         116           116         116           117         117           118         116           116         116           117         117           118         116           118         116           118         116           118	supe
85,165         10,165           111,010         111,010           111,010 <td< td=""><td>th schools. to salary. le for 1906. drawing is also supervisor of manual training drawing is also supervisor of manual training</td></td<>	th schools. to salary. le for 1906. drawing is also supervisor of manual training drawing is also supervisor of manual training
Schenectady, N. Y. Scratto, Pa. Scratto, Pa. Scanton, Pa. Scanto, Pa. South Bend, Ind. South Bend, Ind. South Omaha, Nebr. Springfield, Mass. Springfield, Mass. Trenton, N. Y. Wathnagton, D. C. k. Wathnagton, D. C. k. Waterbury, Comm. Waterbowk, N. Y. Waterbury, Comm. Waterbowk, N. J. Worester, Mass. e. Yonkers, N. Y. J. Yonkers, N. Y. J. Yonkers, N. Y. J.	<ul> <li>a For 1907.</li> <li>b Director of high schools.</li> <li>c No datum as to salary.</li> <li>d Half time.</li> <li>d Stalary school of or 1906.</li> <li>f Supervisor of drawing is g Supervisor of drawing is a Maximum.</li> </ul>
153 155 155 155 155 155 155 155 155 155	t

TEACHERS' SALARIES.

223

•

1905.
upward,
and
inhabitants
f 25,000
s in citics o
in
teachers
and
officers
school
of
Salaries of sch

.

II.-SALARIES OF PRINCIPALS AND TEACHERS.

ć	Norm	Normal or training school.	High	High school.	Elei	Elementary schools.		Kinder	Kindergartens.
CILY.	Princi- pal.	Teachers.	Principals.	Teachers.	Supervising principals.	Principals.	Teachers.	Directors or principals.	Teachers.
1	લ્ય	eo	4	10	9	7	x	6	10
Akron, Ohio Albany, N. Y. a	\$2.500	\$400 to \$900	\$1,800 3.000	\$750		\$700 to \$1,200	\$300 to \$625 400 to \$625		\$300 to \$625
Allegheny, Pa. a. Allentown, Pa.		:	2,500	750 to		$^{1,200}_{850}$ to $^{1,000}_{1,100}$			400 to 550 to
Altoona, Pa			1,200	675 to			333 to 675		(q)
Atlantic City, N. J.			2,000	700 to 650 to		$650  ext{ to } 1,200  ext{ } 625  ext{ to } 750  ext{ }$	250 to 650 447 to 550		
Auburn, N. Y			2,500	550 to			22		(q)
Aurora, Ill. (east side)			1,800 1.800	6/9 609		863 to 1,200 550 to 1,000	[289 to 675 325 to 725		360 to
Aurora, Ill. (west side)			(c)	(q)		२.२	350 to 800		
Baltimore, Md	2,400	1,000 to 1,200	2,400	504 to 2,200	\$1,800 to \$1,800	ó 1,	Ļ,		200 to
Bayonne, N. J.			1,000			- 0	300 to 600 400 to 850		500 to
Binghamton, N. Y.				2		і-і 2.2	22		360 to
Birmingham, Ala.a.			\$630 and 2,000	2.		0 1,	3		
Boston, Mass. d	3.780	1.140 to 3.204	3.780 to 4.200	450 TO 1, 100 900 to 3 060		۳ و و	360 to 585 559 to 1 219	6694 to 6709	0+ 66V
Bridgeport, Conn			0	22		20	22 22		01 705
Brockton, Mass. Buffelo N V "	1 000	775 + 775	2,100	2		8	2		
Burlington, Iowa	1, ouu		1-1	500 to 1,000		700 to 2,000 855 to 1 100	400 to 800 285 to 570	475 to 570	300 to
utte, Mont.			2,200	22		2.2	22		0.0 0.7
Cambridge, Mass. a	- 2,800	250 to 1,000	3,000	500 to 2,000		2	to 1,	700 to 700	450 to
anton Ohio			1,400	2 2	1,000 to 1,450	3	440 to 725		440 to
Cedar Rapids, Iowa			1,550	55 -		- 0			428 TO
Charleston, S. C.			1,900	22		23 23			00 017
Chattanooga, Tenn			1,200	2		8			
Chester. Pa. a.	570	(9)	2,800	300 to 1,800		700 to 1,800	200 to 650		(q)
Chicago, Ill	5,000	1,000 to $2,500$		2,2		10,10	_		550 to
Cincinnati, Ohioa			2,100 to 2,600	2		i ei S S	2		100 to
Colorado Springs, Colo	3,000	1,000 to 2,000	2,500 to 3,500	1,000 to 2,200 780 to 1 150		-î-	500 to 900	675 to 800	500  to
Columbus, Ohio.	1,500	750 to 1,000	1,615 to $1,900$	22		855 to 1,250			(n)
Conneil Bluffs. Iowa.			1,700	CT +					

TEACHERS' SALARIES.

	320 to 460 500 to 600 (b)
$\begin{array}{c} \begin{array}{c} 330 \ to \\ 325 \ to \\ 320 \ to \\ 500 \ to \\ 500 \ to \\ 500 \ to \\ 330 \ to \\ 300 \ to \ to \\ 100 \ to \ to \\ 100 \ to \ $	320 to 500 to (b) ary of \$1,20
725 to 725 330 to 450 380 to 380 380 to 350	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
652 725 725 725 725 725 725 725 7	473 513 513 513 513 513 513 525 513 525 525
$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} $	270 to 340 to 500 to 500 to 400 to 350 to 350 to 350 to 350 to
21 11200 21 112	1, 080 1, 080 1, 950 1, 900 1, 300 1, 300 1, 300 1, 300 1, 300 1, 300
$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} $	540 to 540 to 600 to 540 to 800 to 380 to 380 to 430 to 430 to unusual p
525 to 1,000 1,200 to 1,500	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
1,000 1,1,100 1,1,100 1,1,100 1,1,100 1,1,100 1,1,000 1,0000 1,0000 1,0000 1,00000000	$\begin{array}{c} 630 \\ 1,125 \\ 1,100 \\ 1,100 \\ 1,100 \\ 1,100 \\ 1,000 \\ 1,000 \\ 1,000 \\ g\mathrm{Sal} \end{array}$
720         to           990         10           990         10           990         10           750         10           1000         10           1000         10           1000         10           1000         10           1000         10           1000         10           1000         10           1000         10 </td <td></td>	
720 720 720 720 720 720 720 720	540 3500 3500 3500 525 525 525
1 <sup>1</sup>	
1 1 1 1 1 1 1 1 1 1 1 1 1 1	$\begin{array}{c} 1,080\\ 1,300\\ 2,500\\ 1,200\\ 1,$
1 1 1 1 1 1 1 1 1 1 1 1 1 1	$\begin{array}{c} 1,080\\ 1,300\\ 2,500\\ 1,200\\ 1,$
S55 and 1, 500 1, 500 to 530 to 530 to 5, 500 to 1, 560 and 2, 500 1, 5000 1, 500 1, 500 1, 500 1, 500 1, 500 1, 500 1, 500 1,	$\begin{array}{c} 1,080\\ 1,300\\ 2,500\\ 1,200\\ 1,$
S55 and 1, 300 1, 800 to 2, 900 to 3, 900 2, 900 to 3, 900 2, 900 to 3, 900 2, 900 to 3, 900 2, 900 to 2, 900 1, 500 to 2, 900 1, 500 to 2, 900 1, 500 to 2, 900 1, 300           1, 500 2, 900 to 2, 900 1, 500 to 2, 900 1, 500 to 2, 900 1, 800	2, 200 to 1, 200 600 to 1, 200 600 to 1, 200
S55 and 1, 500 1, 500 to 530 to 530 to 5, 500 to 1, 560 and 2, 500 1, 5000 1, 500 1, 500 1, 500 1, 500 1, 500 1, 500 1, 500 1,	2, 200 to 1, 200 600 to 1, 200 600 to 1, 200
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	Joptin, M.         Joptin, M.         1,080           Joptin, M.         Joptin, M.         1,080           Kalamazoo, Mich.         1,300         1,300           Kalamazoo, Mich.         2,200 to 3,300         1,300           Kingston, N. Y. a.         700         (i)         2,500           Kingston, N. Y. a.         700         (i)         2,500           Kingston, N. Y. a.         700         1,700         2,500           Kingston, N. Y. a.         700         1,700         2,500           La Crosse, Wis.         600 to 1,200         1,700           Lancastor, Pas.         600 to 1,200         600 to 1,200           e No data as to salaries.         e No data as to salaries.         e No data as to salaries.

5
eq
<u> </u>
4
on
0
Ň
Ý
-iÓ-
05
6
1:
q
5
8
5
nd
<u>e</u>
~
ſ
~
and
an
a
~
3
2
3
ø
.2
18
2
9
1
3.
-
0
0
25,000
~
10
S.
65
4
ి
ŝ
6
3
iti
citi
citi
n citi
in citi
i in citi
s in citi
ers in citi
iers in cities (
thers in citi
uchers in citi
cachers in citi
teachers in citi
teachers in citi
d teachers in citi
id teachers in citi
und teachers in citi
and teachers in citi
s and teach
s and teach
s and teach
cers and teach
ficers and teach
s and teach
ficers and teach
ficers and teach
ficers and teach
ficers and teach
ficers and teach
ficers and teach
ficers and teach
ficers and teach
school officers and teach
school officers and teach
school officers and teach
s of school officers and teach
es of school officers and teach
es of school officers and teach
es of school officers and teach
es of school officers and teach
es of school officers and teach
es of school officers and teach
s of school officers and teach

II.-SALARIES OF PRINCIPALS AND TEACHERS-Continued.

I I I I I I I I I I I I I I I I I I I	-								1
· · · · · · · · · · · · · · · · · · ·	Princi- pal.	Teachers.	Principals.	Teachers.	Supervising principals.	Principals.	Teachers.	Directors or principals.	Teachers.
	લ	en	4	70	9	E .	œ	6	10
	\$1,100	\$600 to \$750	\$2.800	\$500 to \$1.600		\$500 to \$2,000	\$400 to \$600		
		1	\$1,200 and 2,000	650 to 650		600 to 1,200	400 to 600	\$500 to \$500	\$250 to \$400
			1,500	475 to 760		570  to 808	285 to 523		
			2,000			(q)			01 460
	(q)		3,000	1.050 to 1.750		850 to 2.150		560 to 640	460 to 540
	2,250	850 to 1,100	1,800 to 2,500			750 to 1,750			350 to
	2,000					600 to 2,000		500 to 500	450 to
Lynn, Mass.			2,500	700 to 1,800			450 to 625		
Mean Do	(4)		1,400			T,000 TO T, 500			
Maldan Mass c	(n)	(0)	1, 1/0 9, 400			-			
Manchestar N H			5, 400	000 to 1, 000		000 L0 1,000			(F)
Mamphic Tonn			2,000			÷-			(n)
Maridan Conn			1,000 1,000	34		-î-			(4)
Milwankee, Wis. c			i o			- î -		400 400 600	400 + 0
Minneapolis, Minn. c			2.300 to 2.700	600 to 1.500		800 to 1.575		01 004	300 to
Mobile, Ala			<u> </u>			î, i			320 to
Montgomery, Ala			<u> </u>						
Muncie, Ind			<u> </u>						
Nashua, N. H.			2,000			ŀ,		425 to 425	(q)
			1,100 and 2,250			Ļ,			
Newark, N. J. c.	3,300	900  to  1,800	4,000			C1 ·		520 to 900	520 to
	1,900	675 to 1,200	3,000			-î	475 to 750		500 to
New Britain, Conn.			2, 700			-î-			380 to
Newpurgn, N. Y			1, 500			900 to 1,300	450 to 900		
Nour Horron Conn			1, 400		01 000 + 0 00 000	120 10 900		000 000	000
	080	765 40 000	0,200 1 960 to 1 800		\$T, 200 LO \$2, 300	~ ~		000 01 000	00 LO
	1,200		1,200 10 1,000 1,000	730 to 1, 330			350 to 617		01 616
Newport, R. La			3,000*			520 to 1.500	400 to 800		
Newbort News, Va			006			î	360 to 450		
Newton, Mass.			3.250			2.	350 to 750		300 to
	5,000	1,000 to $3,000$	1,900 to 5,000			1,440 to 3,500	600 to 2, 400		600 to 1,240
Niagara Falls, N. Y.a.			1,800	500 to 1,100		600 to 1,450	300 to 500		400 to
Nortolk, Va			2,000			750 to 1,400	320 to 650		

226

EDUCATION REPORT, 1905.

TEACHERS' SALARIES.

380 to         475           150 to         400           425 to         575           400 to         560           470 to         770	315 to 428 350 to 400 100 to 650 500 to 700 300 to 450	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	ŵ
665	550		ncipals. I as teacher
760 475 to 650 650 600 600 725 600 600 600 1, 250	n 1m	660         550           660         550           600         550           600         550           600         500           725         600           600         500           600         500           725         600           600         500           600         500           725         600           600         550           600         550           600         550           600         550           600         550           750         600           750         500           750         500           750         500           750         500           750         500           750         500           750         500           750         500           750         500           750         500           750         500           750         500           750         500           750         500           750         500           750	regular prin d be entitled
380 to 375 to 375 to 425 to 410 to 350 to 350 to 420 to 350 to 375 to 376 to 37		350         10           207         10           207         10           207         10           207         10           207         10           207         10           207         10           207         10           207         10           207         10           207         10           207         10           208         10           209         10           200         10           201         10           201         10           201         10           201         10           201         10           201         10           201         10           201         10           201         10           201         10           201         10           201         10           201         10           201         10           201         10           201         10           201         10           201         10	ntitled as hey woul
to 1, 200 1,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	$\begin{array}{c} (1) \\ (2) \\$	ould be er o which t
1, 200 1,	2000 1, 400 1, 000 1, 000	1,123 450 450 450 450 450 450 450 450	ch they w salary to
(6)	(q)		oove sum to whic om in addition to
$\begin{array}{c} 1,200\\ 1,$	- L	1,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0	5 \$600 al
665 to 665 to 700 to 700 to 700 to 600 to 600 to 600 to 600 to 550 to 500 to 50		$\begin{array}{c} \begin{array}{c} & & & & \\ & & & & \\ & & & & \\ & & & & $	high school rom \$200 to promotions month for
(j) (j) (j) (j) (j) (j) (j) (j) (j) (j)	$\begin{array}{c} 1,800 \ \text{and} \ 2,000\\ 1,800 \ \text{and} \ 2,000\\ 2,400\\ 2,400\\ 2,500\\ 2,500\\ (a)\\ 2,500\\ 1,800$	$\begin{array}{c} 1,400\ {\rm and}\ 1,800\\ 1,500\ {\rm and}\ 1,800\\ 2,000\\ 2,000\\ 2,000\ {\rm and}\ 1,800\\ 2,000\ {\rm to}\ 3,800\\ 2,000\ {\rm to}\ 3,900\\ 1,565\ {\rm and}\ 2,500\\ 1,565\ {\rm and}\ 2,500\\ 2,160\ {\rm to}\ 3,900\\ 2,100\ {\rm to}\ 3,000\\ 1,280\\ 1,285\ {\rm and}\ 3,000\\ 1,280\\ 1,285\ {\rm and}\ 3,000\\ 1,280\\ 1,280\\ 1,280\\ 1,280\\ 1,300\\ 2,500\ {\rm and}\ 3,000\\ 2,500\ {\rm and}\ 3,000\\ 1,280\\ 1$	f Superintendent is principal of high school. 8 Supervising principals receive from \$200 to \$600 above sum to which they would be entitled as regular principals. h Salary schedule for 1907. i Aliminum after five successive promotions. f Principals receive 25 cents per month for each room in addition to salary to which they would be entitled as teachers.
450 to 1, 500 500 to 3, 000	475 to 525 900 to 1, 100	$\begin{array}{c} 1,000 \text{ to } 1,500\\ 1,000 \text{ to } 1,000\\ 700 \text{ (b) } 1,200\\ (b) 1,200\\ 1,100 \text{ to } 1,100\end{array}$	f Superintendent is princ Supervising principals & Salary schedule for 1900 i Minimum after five suc f Principals receive 25 ce
2,000 4,000	1,250 ( <i>d</i> )	2,000 2,000 1,(a) (a) (a) 2,000	
Omaha, Nebr.a Orange, N. J.a. Orange, N. J.a. Passate, N. J. Paterson, N. J. Paterson, N. J. Perth Amboy, N. J Prittshure, Pa.	Pittsfield, Mass Portland, Mass Portland, Mas, C. Portland, Me, C. Poughkeepsie, N. Y. Proughkeepsie, R. I. C. Pueblo, Colo, (district No. 1)h Quincy, Mass Redind, Wiss	Reading, Pa. Reichmond, Va. Richmond, Va. Richmond, Va. Roctester, N. Y Arockord, III. Sagimaw, Mich. Sagimaw, Mich. Sagimaw, Mo. « Sagima, Mo. « Saliem, Mas. « Saliem, Mas. « Saliem, Mas. « Saliem, Mas. « San Antonio, Tex. « Saterna, Wash. « Springfield, Mas. « Spr	a Salary schedule for 1905. b No data as to salaries. c Salary schedule for 1906. d No datum as to salary. e Salary schedule for 1900.

City.	Normé	Normal or training school.	High school.	school.	Elei	Elementary schools.		Kinder	Kindergartens.
	Princi- pal.	Teachers.	Principals.	Teachers.	Supervising principals.	Principals.	Teachers.	Directors or principals.	Teachers.
1	8	~	4	2	9	7	œ	6	10
Taunton, Mass.a Terre Haute, Ind Toledo, Ohio	\$1,500	\$600 to \$1,500	\$1,500 and 2,000 $$1,700$	$3700  ext{ to } \$1,400  ext{ 650 to } 1,000  ext{ 650 to } 1,000  ext{ 600 to } 1,500  ext{ 600 to } 1,500  ext{ 700 to } 1,500  ext{$		5575 to \$1,600 600 to 1,100 700 to 1,100	\$300 to \$600 410 to 650 350 to 750		(b) \$350 to \$600
Trenton, N.J. d. Trenton, N. J. d. Utica, N. Y. d	$\stackrel{(c)}{1,000}$	$\begin{array}{ccc} 600 \ \mathrm{to} & 650 \\ (b) & \end{array}$		750 to 1,100750 to 1,600650 to 1,500		1,500 1,200 1,800		\$650 to \$650 400 to 525	$\begin{array}{c} (b) \\ 400 \ to \\ 300 \ to \\ 350 \end{array}$
	$\left  \begin{array}{c} f 2,500 \\ (c) \\ (c) \end{array} \right $	$\begin{array}{c} 1,000 \text{ to } 1,800 \\ (b) \end{array}$	$\begin{array}{c} 2,000 \text{ to } \begin{array}{c} 2,000 \\ 2,500 \\ 2,300 \\ 2,000 \end{array} \\ (c) \end{array}$		\$2,230 to \$2,700		$\begin{array}{c} 500 \ \text{to} \ 700 \\ 600 \ \text{to} \ 1,350 \\ 400 \ \text{to} \ 7700 \\ 320 \ \text{to} \ 600 \\ 315 \ \text{to} \ 945 \\ 315 \ \text{to} \ 570 \\ 570 \\ 315 \ \text{to} \ 570 \\ $	650 to 900	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Wneeling, W. Va.a. Wichita, Kanas. Wilkes-Barre, Pa.			(c) $(c) $ $1,000$ $1,700$ $1,700$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$					500 to 500
Wilmington, Del. Woonsocket, R. I. Worester, Mass.a Yonkers, N. Y.d	(c)	(6)	1,200 and 1,900 1,500 3,000 3,000	$\begin{array}{c} 500 \ {\rm to} \ 1,000\\ 350 \ {\rm to} \ 1,000\\ 700 \ {\rm to} \ 2,400\\ 700 \ {\rm to} \ 1,700\\ 700 \ {\rm to} \ 1,700\ {\rm to} \ 1,700\\ 700 \ {\rm to} \ 1,700\ {\rm $	2,100 to 2,300	$\begin{array}{c} 400 \text{ to } 850 \\ 525 \text{ to } 1,300 \\ 600 \text{ to } 1,900 \\ 800 \text{ to } 2,000 \\ 750 \text{ to } 2,000 \end{array}$	÷.		$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Youngstown, Ohio			2,200	1,		600 to 1,200	300 to 650		400 to 750

EDUCATION REPORT, 1905.

228

6

Salaries of school officers and teachers in cities of 25,000 inhabitants and upward, 1905-Continued.

		Enrollm	Enrollment in elementary schools.	nentary	Per-	E	Teachers.	zi	Expen	Expenditure.				
Country.	Date of re- port.	Boys.	Girls.	Total.	age age tal pop- ula- tion.	Men.	Wo- men.	Total.	Total.	Per cap- ita roll- ment.	Per cap- ita of pop- ula- tion.	Popula- tion.	Date of cen- sus.	Chief officer of education.
	63	eo	4	2	9	r	œ	6	10	11	12	13	14	15
EUROPE.														
Austria-Hungary	$1903-4 \\ 1903$	3, 571, 019 1, 890, 040	$\begin{array}{c} 3,571,019 \\ 1,890,040 \\ 1,872,046 \end{array}$	$\begin{array}{c} 7,087,241\\ 3,762,086\\ 14.4\end{array}$	16.0 14.4	$^{88,301}_{63,770}$	${}^{31,874}_{24,385}$		120, 175 88, 155 \$20, 309, 101 \$5. 63 \$0. 77	\$5.63		${45,405,267 \atop 26,150,708}$	$1900 \\ 1900$	No imperial or federal officer. Dr. R. Baron von Bienerth, mitter of working and
Hungary (including Croatia	1904	1,680,979	1,680,979 $1,644,176$	3, 325, 155	17.2	24, 531	7,489	32,020	a 2,604,000	. 80	.14	19,254,559	1900	public instruction. Dr. G. Lucas, minister of wor-
and Slavonia). Belgium	1904	437, 925	421, 511	859,436	12.14	8,425		9,424 b 18,397	c6,852,081	7.97	.96	7,074,910	1904	ship and public instruction. M. de Trooz, minister of inte-
Bulgaria	1903-4	187,778	92,079	279,857	7.5			6,040				3, 744, 283	1900	rior and instruction. Dr. J. Schichmanow, minister
Denmark	1903			326, 268	13.2							2,464,770	1901	of public instruction. Enevold Sörensen, minister of
Prance	1905	9. 794. 198	2.760.080	ν.	14.95	67.516		d156.184	88.668.d156.184 e 33.042.540	e 1 04	e 84	30 959 967	1905	public instruction and ec- clesiastical affairs. M A Briand, minister of pub-
German Empire	1901				16.5		22, 339	144,484	99, 743, 896		1.77	56, 367, 178		lic instruction. No imperial officer.
······	TORT			a, u/U, a/U	11.3	(0, 042	19,000	30, 200	04, 240, 240	11. 60	1. 50	64, 412, 909	nnat	C. Studt, muster of ec- clesiastical, educational, and
Bavaria (Kingdom)	1901			873, 399	14.2	12, 184		$2.715 \cdot 14,899$	9,464,308	10.83	1.53	6, 176, 057	1900	Dr. A. von Wehner, minister
Suxony (Kingdom)	1899			688,057	16.4	10,003	401	10,404	8, 168, 874	11.87	1.94	4,202,216	1900	Dr. P. von Seydewitz, minis- ter of worship and educa-
Wurttemberg (Kingdom)	1901		8 9 9 9 9 9 9 9 9 9 9 9 9	295, 325 13. 7	13.7	4,615	494	5,109	2,919,070	9.90	1.34	2,169,480 1900	1900	tion. Dr. von Weizsäcker, minister of worship and education.
<ul> <li><sup>a</sup> From State only.</li> <li><sup>b</sup> Includes 548 not classified by sex.</li> <li><sup>c</sup> The total expenditure on primary education, including administration, normal schools. classes for adults, and school gardens. was \$8,773,400.</li> <li><sup>c</sup> The total expenditure on primary education, including administration, normal schools. classes for adults, and school gardens. was \$8,773,400.</li> <li><sup>d</sup> 1903.</li> </ul>	imary ed	ucation, in	ieluding ad	ministrat	b Includion, no ion, no r 1903, l	des 548 r rmal se of the S	not class hools. c tate onl	b Includes 548 not classified by sex. ion, normal schools, classes for ad \$1903, by the State only, for public	sex. r adults, and blic primary	l schoo v educ:	l garde ution, i	ns, was \$8," neluding in	773,490 fant se	<sup>b</sup> Includes 548 not classified by sex. tion, normal schools. classes for adults, and school gardens, was \$8,773,460. <ul> <li>9003, by the State only, for public primary education, including infant schools and normal schools.</li> </ul>

EDUCATION IN FOREIGN COUNTRIES.

Statistics of elementary education in foreign countries.

FOREIGN SCHOOL STATISTICS.

		Enrollm	Enrollment in elementary schools.	lentary	Per-	Ţ	Teachers.		Expenditure	diture.		i.		
Country.	Date of re- port.	Boys.	Girls.	Total.	cent age of to- tal pop- ula- tion.	Men.	Wo- men.	Total.	Total.	Per cap- ita ofen- roll- ment.	Per cap- ita of ula- tion.	Popula- tion.	Date of cen- sus.	Chief officer of education.
I	લ	3	4	5	9		æ	6	10	11	12	13	14	15
EUROPE-continued.														
Baden (Grand Duchy)	1900			273, 149	14.5	3, 631	418	4,049	\$2,618,000 \$9.84		\$1.40	1, 867, 944 1900	1900	Baron von Dusch, minister of justice, worship, and educa-
Hesse (Grand Duchy)	1901	-		165, 707	15.0	2,525	222	2,747	1, 874, 250	11.31	1.68	1, 119, 893	1900	Dr. H. Eisenhuth, president department of public ir-
Mecklenburg-S c h w e r i n	1903			94,755	15.0	1,912	145	2,057	910, 826	9.06	1.51	607,770	1900	Br. Lan feld, minister of wor-
(Grand Ducny). Saxe-Weimar(Grand Duchy)	1901			59, 528	16.5	626	15	994	610, 946	10.25	1.70	362, 873	1900	Dr. C. Rothe, chief of depart- ment of worship and educa-
Mecklenburg-Strelitz(Grand	1903			16,057	15.6	348	34	382	127,568	8.00	1.24	102, 602	1900	tion. Dr. Piper, president of consist-
Oldenburg (Grand Duchy)	1061			66,721	16.4	1,101	120	1,221	698, 530	10.47	1.73	399, 180	1900	Mr. F. P. Ruhstrat, chief of department of justice, wor-
Brunswick (Duchy)	1902			81,396	17.3	1, 142	151	1, 293	861, 898	10.59	1.84	464, 333	1900	ship, and education. Dr. A. Trieps, president school
Saxe-Meiningen (Duchy)	1901		•	44,011	17.5	656	54	710	467,191	10.61	1.86	250, 731	1900	Mr. Fr. Trinks, chief of section of justice, worship, and ed-
Saxe-Altenburg (Duchy)	1901			34,448	17.2	495	23	518	333, 774	9.68	1.71	194,914	1900	ucation. Mr. Besser, director-general of
Saxe-Coburg-Gotha (Duchy)	1902			39,442	17.2	625	62	704	420,070	10.61	1.83	229, 550	1900	scnools. Dr. Bachof, chief of depart- ment of justice, worship, and
Anhalt (Duchy)	1902			52,684	16.7	814	154	968	564,298	10.73	1.78	316,085	1900	education. Mr. Rümelin, president of de- partment of public instruc-
Schwarzburg - Sondershau- sen (Principality).	1901			13,918 17.2	17.2	211	2	218	137,802	9.90	1.60	80,898	1900	tion. Mr. H. Petersen, chief of de- partment of justice and ed- ucation.

Statistics of elementary education in foreign countries-Continued.

230

# EDUCATION REPORT, 1905.

# FOREIGN SCHOOL STATISTICS.

		Enrollm	Enrollment in elementary schools.	nentary	Per-	T	Teachers.	, m	Expenditure.	liture.				
Country.	Date of re- port.	Boys.	Girls.	Total.	cent- age of to- tal pop- ula- tion.	Men.	Wo- men.	Total.	Total.	Per cap- ita of en- roll- ment.	Per cap- ita of ula- tion.	Popula- tion.	Date of cen- sus.	Chief officer of education.
1	સ	e	4	.c	9	2	x	6	10	11	12	13	14	15
EUROPE-continued.							•							
Servia	1900	82,636	19,772	102, 408	4.2			1,940.				2,492,882 a1900	z1900	L. j. Stoyanowitch, minister
Spain	1901			1,617,314	8.7				\$8, 322, 595	\$5.15	\$0.45	18, 618, 086	1900	of public instruction and ecclesiastical affairs. Santo Maria Paredes, minis-
Sweden.	1963			752,899	14.3			17,994	6, 655, 724	8.84	1, 26	5,260,811 a1904	z1904	ter of education. Fridtjuv Berg, minister of ec-
Switzerland	1904	341,222	301,863	643, 085	19.3	8,602	5, 540		9,118,517 14.19	14.19	2.70	3, 325, 023 1900	1900	clesiastical affairs and pub- lic instruction. No federal officer.
ASIA.														
British India: Assam. Bengal.	1901-2 1901-2	$^{83,000}_{1,212,000}$	$^{8,007}_{100,322}$	$^{91,007}_{1,312,322}$	$   \begin{array}{c}     1.49 \\     1.75   \end{array} $	3,113 $48,538$	$^{240}_{2,000}$	3, 353 50, 538	$\begin{array}{c} 92,340\\ 1,231,524\end{array}$	1.01 .93	.015	$\substack{6,126,343\\74,744,866}$	1061	Mr. A. C. Martin, director of
Berar Bombay	1901-2 1904-5			48,878 533,282	$1.77 \\ 2.87$	1,312		1,312	$^{90,720}_{1,272,646}$	1.85 2.38	.03	$\begin{array}{c} 2,754,016\\ 18,559,561 \end{array}$	1901 1901	public instruction. Mr. E. Giles, director of pub-
Burma (upper and lower)	1904-5	108, 998	35,461	144, 459	1.37				283,608	1.96	. 027	10, 490, 624	1901	lic instruction. Mr.JohnVansomeren Pope,di-
Central provinces. Coorg. Madras.	$1901-2 \\ 1901-2 \\ 1904-5$	665, 943	46,020	$117, 161 \\ 4, 898 \\ 711, 963$	$   \begin{array}{c}     1.18 \\     2.71 \\     1.86 \\     1.86   \end{array} $			1,800 27.051	$142,884 \\ 6,156 \\ 755,654$	$   \begin{array}{c}     1.21 \\     1.25 \\     1.06 \\   \end{array} $	014	$\begin{array}{c} 9,876,646\\ 180,607\\ 38,209,436\end{array}$	1901 1901 1901	rector of public instruction. Mr. A. J. Bourne, director of
Myzore	1903-4			59, 511	1.09							5, 448, 923	1901	public instruction. Mr. H. J. Bhabba, inspector-
Northwest provinces and	1901-2			381, 663	.76			9,000	408, 200	1.06	.008	49, 817, 262	1901	general of education. Mr. T. C. Lewis, director of
	1901-2			114,836	. 56			3,800	196, 344	1.70	600.	. 009 20, 330, 339 1901	1901	public instruction. Mr. W. A. Bell officiating di- rector of public instruction.

Statistics of elementary education in foreign countries-Continued.

232

# EDUCATION REPORT, 1905.

Ceylon.	1904	140, 502	65,403	205, 905	5.39				262,768	1.27	.07	b3, 812, 931	1904	Mr. J. Kubota, assistant di-
Japan	1903-4			5,084,099	10.9			108, 360	15, 816, 711	3.11	.34	46, 732, 138	1903	Kubola Yuzuru, minister of
AFRICA.								-						state for cducation.
Cape of Good Hope	1905			169, 278	7.02				1,748,465	10.28	. 73	2,409,804	1904	Mr. Thomas Muir, superinten-
Transvaal.	1905			28, 540	9.60			626	747,550	26.19	2.51	297, 277	1904	dent-general of education. Mr. J. E. Adamson, director
Orange River Colony	1905			15,577	4.02			271	504,860	32.41	1.30	387, 315	1904	or cducation. Mr. Hugh Gunn, director of
Egypt.	1901	*		211, 378	2.2							9, 734, 405	1897	education. Hussein Pacha Fakhry, min-
Natal Mauritius	$\left\{\begin{array}{c} 1899\\ 1900\\ 1902\end{array}\right.$	}	6, 423	24, 523 18, 843	4.50 5.02			343	286, 315	11.67	. 52	543,913 $375,381$	1891 1901	ister of public works and public instruction. [Mr. Robert Russell, superin- tending inspector of schools. Mr. W. T. A. Emusetor of mublic instruction.
NORTH AMERICA.														or branch turset action of to
British Columbia	1904-5			27, 534	15.41			663	433,005	15.82	2.42	178, 657	1901	Hon. Fredk. J. Fulton, minis-
Manitoba	1904			58, 547	22.93	682	1, 536	2,218	1,786,311	30. 51	7.00	255, 211	1901	Mr. Colin H. Campbell, chief of
New Brunswick	1903			65, 278	19.71			1,816	631, 817	9.67	1.90	331, 120	1901	department of education. Mr. James R. Inch, chief su-
Northwest Territories	1903			33, 191	15.09			743	213, 746	6, 44	. 97	220,000	1901	Hon. D. J. Goggin, minister of
Nova Scotia	1904			96, 886	21.08	388	2,053	2,441	985, 031	10.16	2.14	459, 574	1901	Mr. A. H. Mackay, superin-
Ontario	1904			444, 621	20.06			9,554	5, 459, 493	12.27	2.46	b2,215,854	1904	Hon. R. A. Pyne, minister of
Quebee	1904-5	162,982	172, 786	335,768	20.36	302	6, 593	6, 895	2, 372, 371	7.06	1.43	1, 648, 898	1001	Education. Hon. Boucher de la Bruère,
Prince Edward Island	1905	10, 427	8,845	19, 272	18, 66			570	168, 592	8.74	1.63	103, 259	1901	Hon. Alexander Anderson, LL. D., chief superintend-
Newfoundland	1904			34,208	15.36				220, 979	6.45	. 99	222, 643	1901	ent of cducation.
Mexico	1905			c739,600	5.4			18,600	4, 210, 256	5.69	. 31	13, 605, 919	1900	ot education. Just. Sierra, minister of public
Bermuda	1904			1,707	9.73				6,780	3.97	. 38	17, 535	1901	INSUTUCION AND MAC ALLS.
WEST INDIES.	0 2001			100	1						ç	000	1	-
J 2811124/C36	0-006T			81,857	10.14				260, 405	3.16	.32	p806, 690	1905	Mr. Thomas Capper, superin- tending inspector of schools
Trinidad	1902	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		32, 858	12.87				197, 790	6.01	11.	255, 148	1899	Mr. Gervase Bushe, inspector of schools.
a December 31	er 31.		<i>q</i>	<sup>b</sup> Estimated.	-			c In s	e In schools supported by the Federation and States.	orted	by the	Federatio	n und	States.

### FOREIGN SCHOOL STATISTICS.

233

		Enrollm	Enrollment in elementary schools.	lentary	Per-	E.	Teachers.		Expenditure.	iture.				
Country.	Date of re- port.	Boys.	Girls.	Total.	cent- age of to- tal pop- ula- tion.	, Men.	- M . om	Total.	Total.	Per cap- ita of en- roll- ment.	Per cap- ita of ula- tion.	Popula- tion.	Date of cen- sus.	Chief officer of education.
I	સ	e	4	5	9	-	æ	6	10	11	12	13	14	15
CENTRAL AMERICA. Costa Rica	1904	12,138	10,688	22,826	6.9	332	511	843				331, 340 a1904	1904	J. Astua Aguilar, minister of
Guatemala	1903			36, 477	2.0							1,842,134 1903	1903	foreign affairs, ecclesiastical affairs, public instruction, charities and justice, etc. J. A. Mandujano, minister of
Honduras	1902			30,025	4.0				\$61,021	\$2.03\$0.80	§0. 80	744, 901	1901	public instruction. Dr. A. L. B. Membreño, min-
Nicaragua.	1900			17,803	3.6				125,090	7.08	.25	500,000	1900	istruction. Instruction. Dr. Adolfo Altamirano, minis- ter of interior, justice, for-
Salvador	1893	16, 663	12,764	29, 427	2.9	453	340	793				1,006,848 01901	10614	eign affairs, public instruc- tion, police, and ecclesiasti- tical affairs. Dr. José Rosa Pacas, minister of interior, miblic works.
sourh america. Argentina	1902			472, 425	. 8			12.409	e12. 665. 085	26.81	2.34	5.410.028 a1904	1904	and public instruction.
Bolivia.	1901			33, 312					109,120	3.28	.06	1,816,271 d1900	, 1900	justice and public instruc- tion. Dr. J. Savacho, minister of
Brazil.	1889			300,000	2.1							14, 333, 915 1890	1890	justice and public instruc- tion. Dr. J. J. Seabra, minister of interior and instice land
Chile.	1903	81, 655	85,273	166, 928	5.2	1, 176	2,432	3,608	1, 298, 522	7.78	. 41	3, 206, 042 a 1903	z1903	public instruction]. B. Fernandez, minister of jus-
Colombia	1897			143, 076	3.7				844,886	5.91	.22	3, 917, 000 (e)	(e)	uce and public instruction Carlos Cuervo Mãrquez, minis- ter of public instruction.

Statistics of elementary education in foreign countries-Continued.

234

EDUCATION REPORT, 1905.

A. Espinosa, minister of eccle- siastical affairs and public	instruction and justice. C. Carreras, minister of eccle- siastical affairs and public	instruction. J. Polar, minister of justice, ecclesiastical affairs, and		uinister 1.		Hon. John Perry, minister of	Mr. A. H. Barlow, secretary	Hon. Thomas Price, minister	Hon. A. O. Sachse, minister of	Hon. Walter Kingsmill, min-	Ister of education. Rt. Hon. R. J. Seddon, minis-	ter of education. Hon. J. W. Evans, minister of education.	i Includes \$13,000 for building, repairs, and furmiture.
(e)	1899	1896	/1902	1904		1902	1001	1901	1904	1904	1904	1901	for h
1,205,600	530, 103	4, 609, 999	978,072 /1902	2, 590, 981		1, 392, 572 1902	496, 596	362, 604	$h_1, 209, 860 $ $\{ 1904 \\ 1905 \}$	184, 124	h857, 539	172, 475	1 1des \$13,000 total expend
		.08	- 82	. 19		3.09	2.99	2.06	2.26	3.26	2.72	1.76	i Inch
		3.36	14.17	4.83		17.68		12.64	12.98	21.48	16.94	16.33	-
		352, 285	799,655 14.17	483, 232		<i>9</i> 4, 307, 720 17.68 3.09	1,485,340 15.47	745,915 12.64	2,728,240	i600,745	j 2, 332, 030	303,860 16.33 1.76	-
1,666	200	2,165	1,172			5, 540	2, 383	1,420	4,682	888	3,069	592	
			950				1, 240	968			1,797	366	
			222				1, 143	422			1,272	226	ion.
6.4	4.7	2.3	5.8	3.9		17.48	19.33	16.28	17.37	15.18	16.04	10.78	stimat
76, 878	25,000	104, 970	56, 417	100,026	•	243, 516 17. 48	95, 995 19. 33	59,026 16.28	210,200 17.37	27,966 15.18	137, 623	18, 596 10. 78	e Recent estimation.
			26, 193		,						65, 673	8,713	
			30, 224		-						71,950	9, 883	-
1894	1897	1903	1902	1891		1903	1905	1905	1904-5	1905	1905	1903	
Ecuador.	Paraguay	Peru	Uruguay	Venezuela	AUSTKALASIA.	New South Wales	Queensland.	South Australia	Victoria.	West Australia	New Zealand	Tasmania.	a December 31. b March 1.

c Contributed to education in 1900. d September 1.

g Includes \$504,775 for sites and buildings. h Estimated.

schools, sites, buildings, etc., was \$3,421,120.

# FOREIGN SCHOOL STATISTICS.

235



# CHAPTER XII.

## MISCELLANEOUS EDUCATIONAL TOPICS.

CONTENTS.—Instruction in forestry—The American system of agricultural education and research—The progress of educational reform in China.

#### INSTRUCTION IN FORESTRY.

The establishment of large forest reserves by the national and some of the State governments has created a demand for men well trained in the science of forestry to undertake the care, management, and development of such reserves; such specially trained men are likewise needed to take charge of large timber tracts owned by railroad and other corporations for the purpose of supplying timber for their needs.

For a long time the only instruction in forestry offered in this country was that in connection with the courses of study in agriculture in the land-grant colleges. This consisted, then as now, in the large majority of cases, of instruction in forestry of a very general nature, given, as a rule, about three times a week in one term of ten to twelve weeks, in either the junior or senior year of the course.

At the present time instruction in forestry is given by 44 institutions of high grade. Of this number, 37 are land-grant colleges established under the act of Congress approved July 2, 1862. In 36 of the 44 institutions the instruction forms a part of or may be elected in the regular agricultural or horticultural courses; 6 institutions offer regular four-year undergraduate courses in forestry, while in 2 institutions the instruction in forestry is intended only for students who have already completed an undergraduate college course of study.

The 6 institutions offering four-year undergraduate courses are the State universities of Iowa, Maine, Minnesota, Nebraska, and Ohio and the Michigan Agricultural College. These courses include a considerable amount of instruction in liberal studies, especially in modern languages, mathematics, and natural science. The technical study of forestry is generally limited to the last two years of the course.

The institutions whose work is limited to graduate students are Yale University and the University of Michigan.

The Yale Forest School of Yale University was founded in 1900 by a gift of \$150,000 from Mr. and Mrs. James W. Pinchot and their sons. The endowment was increased by \$50,000 in 1903 by Mr. and Mrs. James W. Pinchot and their son, Gifford Pinchot. The gift also provides for a summer school of forestry in Milford, Pa., where extensive facilities for field work are available. The work of the summer term of the junior year and of the spring term of the

senior year is done at Milford, Pa., where buildings for lecture and laboratory purposes have been erected.

The scope of the instruction in forestry offered by the several institutions and the amount of time given thereto are as follows:

Alabama Polytechnic Institute.—Under the department of botany seniors may select for research and thesis work a course in forestry or plant culture. Instruction is given by Edwin M. Wilcox, Ph. D., professor of botany.

Agricultural and Mechanical College for Negroes (Alabama).—Instruction in forestry is given during the winter term (twelve weeks) of the senior year in the agricultural course.

University of Arkansas.—Instruction in forestry (two hours per week, half year) is offered to third and fourth year students in the department of horticulture. The instruction is given by Ernest Walker, B. S. Agr., professor of horticulture.

Colorado Agricultural College.—The elements of forestry (five hours, thirteen weeks, senior year) is elective for agricultural students. Burton O. Longyear, B. S., is instructor in botany and forestry.

Yale University (Connecticut).—The regular course of study in the Yale Forest School extends through two years. The work is of an advanced and technical character and is designed for college graduates who already have had a thorough collegiate training in mathematics and natural science, and leads to the degree of master of forestry. The course of study is as follows:

Junior year.—Summer term: Surveying, two and one-half days per week; forest mensuration, two and one-half days per week. Fall term: Silviculture, two hours per week and field work; forest botany—general morphology of plants, six hours; physiography, two hours, with additional field work; mapping and office work, six hours; mechanical drawing, three hours. Winter term: Silviculture, two hours and field 'work; forest botany—general morphology of plants, six hours; forest physiography, two hours; mapping and office work, three hours; forest entomology, two hours; forest reserves, twelve lectures; forest hydrography, six lectures; State forest law, two hours. Spring term: Forest botany—plant physiology, six hours; silviculture, two hours lectures, eight hours field work; physiography, two hours and field work; diseases of trees, six hours.

Senior year.—Fall term: Forest technology, two hours lectures, six hours laboratory; forest management, four hours; forest administration and law, two hours; lumbering, four to five hours. Winter term: Forest technology, two hours lectures, six hours laboratory; forest management, four hours; lumbering, four to five hours; lumber trade and transportation, six to eight lectures; road construction, one hour; preservation of timber, six lectures; history of forestry, two hours; forest policy, six lectures; methods of Government field work, four lectures; forest fires and grazing, lectures. Spring term: Field work in topographic surveying and forest management at Milford, Pa. Special lecture courses: Fish culture, twelve lectures; game preservation, four to six lectures; packing and pack transportation, two weeks; forest entomology, four to six lectures; forestry in the Philippine Islands, twelve lectures; scope of forest planting, six lectures.

The entire work of the spring term of the senior year is transferred to Milford, Pa., where also is conducted the summer school in forestry, which is intended for those who do not wish to take or who are not ready for the more advanced technical courses at regular forest schools. The course covers a period of seven weeks and includes instruction in forest botany, silviculture, forest mensuration, introduction to forestry, forest protection, forest regions of the United States. The instruction in forestry is given by Henry S. Graves, A. M., director of the Yale Forest School and Pinchot professor of forestry; Gifford Pinchot, A. M., and James W. Toumey, M. S., professors of forestry; Roy L. Marston, M. F., assistant professor of forestry; Arthur H. Graves, A. B., instructor in forest botany; Alexander W. Evans, Ph. D., assistant professor of botany; Arthur L. Dean, Ph. D., instructor in plant physiology; George E. Nichols, A. B., assistant in botany; Harry D. Tiemann, M. F., assistant in forest technology; and a number of lecturers drawn largely from the Forest Service of the United States Department of Agriculture.

*Connecticut Agricultural College.*—Study of practical forest management; reproduction, growth, and maturity of forest trees; destructive agencies in the forests; care of farm forests; study of native forest trees. (Fourth year, twelve weeks, three hours.)

A two-year course in forestry has been arranged for fifth and sixth year students. Lectures are given on silviculture, fundamental principles of forestry, propagation of forest trees, forest planting, timber measurements, timber physics, treatment of farm forests, United States and State reservations, and kindred subjects. The instruction is given by Edward A. White, B. S., professor of botany, forestry, and landscape architecture.

University of Florida.—A course of lectures on the principles of forestry, influences of forestry on climate, fruit growing; forest cropping, protection, use of Florida woods, etc., are taken up. (Senior year, first semester, four hours, elective for natural history and agricultural students.) Instruction is given by F. M. Rolfs, M. S., professor of botany and horticulture.

Georgia State College of Agriculture and Mechanic Arts.—During the second term (half year) of the junior year two hours per week are given to instruction in forestry, entomology, apiculture, fungous diseases of plants, and vegetation.

North Georgia Agricultural College.—Lectures on forest influences and methods of forest management, timbers, and forest products in senior year of agricultural course.

University of Idaho.—A practical and scientific acquaintance with all of the common forest trees in the State, their uses, preservation, and abundance. (One semester, four hours per week.) Instruction is given by Louis F. Henderson, Ph. B., professor of botany.

University of Illinois.—Forest trees and their natural uses, their distribution, and their artificial production; relations of forest and climate; forestry legislation and economy. (One semester, two hours per week.) Instruction is given by Thomas J. Burrill, LL. D., professor of botany.

*Purdue University* (*Indiana*).—Effects of forests upon climate; reasons for forest tree planting; influence of forests on the evaporation of moisture from the soil; effects of forests on the water supply of springs, creeks, and rivers; methods of propagating forest trees; comparison of the growth of different species under cultivation. (Elective for seniors in agricultural course.) Instruction given by Stanley Coulter, Ph. D., professor of biology.

*Iowa College of Agriculture and Mechanic Arts.*—Undergraduate work in forestry is offered as follows: Elementary forestry (sophomore year, second semester, three hours); silviculture (junior year, second semester, three hours); forest management and policy (senior year, second semester, three hours); wood technology (senior year, second semester, three hours). Graduate work is offered in problem of tree planting, studies of the native timber growth, prevention of erosion and reclamation of flood-damaged lands by tree planting, studies in the artificial preservation of timber. Instruction is given by Hugh P. Baker, M. F., assistant professor of forestry. University of Iowa.—The four-year course in forestry leads to the B. S. degree. The technical courses in forestry included are: Silviculture (senior year, three hours); forest products (junior year, first semester, two hours); forest mensuration (junior year, first semester, two and one-half hours); lumbering (senior year, first semester, three hours); forestry in the United States (senior year, first semester, five hours); forest management (senior year, first semester, two hours); history of forestry (senior year, first semester, one hour). Instruction is given by Bohumil Shimek, M. S., professor of physiological botany.

Kansas State Agricultural College.—Instruction in forestry is offered as an elective in the winter term of the fourth year. It presents the general principles and methods of forestry dealing with the relations of forests to public welfare, and the means of regulating and preserving forests.

Graduate instruction is offered in dendrology, forest technology, silviculture, and forest management. The instruction is provided in the department of horticulture, Albert Dickens, M. S., professor of horticulture.

Berea College (Kentucky).—Instruction is offered throughout the senior year as follows: Forest botany (fall term, five hours); forest influences and forest utility (winter term, lectures, three hours, library and field, two hours); forest management (spring term, five hours). The forestry department has acquired 2,000 acres of mountain land for field study. Silas C. Mason, M. S., is professor of horticulture and forestry.

University of Maine.—The undergraduate course in forestry extends through four years and leads to the B. S. degree. The instruction in forestry included in the course is as follows:

Freshman year: General forestry (half year, three hours).

Sophomore year: Forest botany (two hours; field and laboratory work, four hours).

Junior and senior years: Silviculture (two hours through one year; field work equivalent to eight hours through a half year); forest measurements (half year, two hours; field work, half year, four hours); lumbering (half year, one hour; two weeks in lumber camp); forest management (quarter year, two hours); thesis work in forest management (half year, ten hours).

The woodland belonging to the university, together with adjacent land covered by a young forest, furnishes a field for the study of forest problems. Instruction is given by Samuel N. Spring, M. F., professor of forestry, and M. B. Cummings, M. S., instructor in botany.

Maryland Agricultural College.—Instruction in forestry is provided in the senior year, twelve weeks, three periods per week. The text-books are Roth's First Book of Forestry and Pinchot's Primer of Forestry. Instruction is given by W. N. Hutt, B. S. A., professor of horticulture.

Harvard University (Massachusetts).—Instruction is offered as follows: Elements of silviculture (half year, twice a week, with additional hours for field work); practical silviculture (half year, twice a week, with additional hours for field work); forest measurements (half year, twice a week, with additional hours for field and laboratory work); forest botany (twice a week through the year, with additional hours for field work); forest protection (half year, twice a week); forest history (half year, twice a week); lumbering (twice a week through the year); forest management (twice a week through the year, with additional hours for field work). The staff consists of Richard T. Fisher, M. F., and Austin Cary, A. M., assistant professors of forestry; Ralph C. Hawley, M. F., instructor in forestry; Daniel A. Clarke, B. A. S., and John G. Jack, instructors in forest botany. *Michigan Agricultural College.*—The forestry course extends through four years, the freshman and sophomore years being the same as for agricultural students. In the junior and senior years the technical work in forestry requires from five to ten hours per week. The instruction in forestry is as follows:

Sophomore year: Elements of forestry (twelve weeks, two hours).

Junior year: Principles of forestry (twenty-four weeks, three hours); forest botany (through the year, two hours of class work, four hours of field work); wood technology (twelve weeks, eight hours of laboratory work); silviculture (twelve weeks, three hours of class work, four hours of field work).

Senior year: Forest mensuration (twelve weeks, eight hours of field work); economics of forestry (twelve weeks, two hours); forest protection and regulation (six weeks, two hours); diseases of trees (six weeks, two hours); investigation (twelve weeks, four hours, and twelve weeks, six hours); forest valuation (twelve weeks, three hours). The professor of forestry is Ernest E. Bogue, M. S., A. M.

University of Michigan.—With the exception of the course entitled "Introduction to Forestry," the instruction in forestry is not open to undergraduate students, but is intended only for graduate students, aiming to make forestry a profession. The instruction is as follows: Introduction to forestry (one semester, three hours); silviculture (three semesters, three hours); forest mensuration and description (one semester, four hours); forest utilization (one semester, four hours); forest management (one year, five hours); dendrology (one semester, three hours); timber physics (one semester, three hours); seminary (one year). The teachers are Filibert Roth, B. S., professor of forestry, and C. A. Davis, A. M., instructor in forestry.

University of Minnesota.—The forestry course extends through four years and leads to the B. S. degree. The freshman year is the same as that for the other students of the college of agriculture. The instruction in forestry is as follows: Sophomore year: Forest entomology (one semester, three hours).

Junior year: Forest influence and utility (one semester, two hours); forest by-products (one semester, two hours); lumbering (one semester, two hours); wood technology and diseases of wood (one semester, three hours); forest mensuration and valuation (one semester, three hours); silviculture (one semester, two hours).

Senior year: Silviculture (one semester, three hours); forest economics (one semester, three hours); European forestry (one semester, one hour); forest administration (one semester, two hours); forest protection (one semester, two hours); fish culture, game protection (one semester, one hour); thesis, seminary in reading forestry literature (one semester, two hours).

Four practicums are required in the course, viz: In forest exploitation, forest working plans, forest mensuration, nursery practice. A thesis must be presented in each of the four subjects, giving the results of personal observation. Instruction is given by Samuel B. Green, B. S., professor of horticulture and forestry, and W. T. Cox, assistant instructor in forest valuation and lumbering.

Mississippi Agricultural and Mechanical College.—Instruction in forestry is given in the senior year of the course in horticulture, and research work in forestry is afforded to graduate students. The instruction is given by the department of horticulture, Alexander B. McKay, B. S., professor of horticulture.

University of Missouri.—An elective lecture course in forestry is offered in which are considered the influence of forests on climate, soil, and the flow of streams; management of forests; forest geography; forest mensuration; characteristics and uses of typical wood; specific characters of our principal forest trees in their winter condition; brief review of principal diseases and insects affecting forests. Instruction is given by Walter L. Howard, M. S., assistant professor of horticulture, and Ernest H. Favor, A. B., assistant in horticulture.

Montana College of Agriculture and Mechanic Arts.—Instruction in forestry is offered as an elective in the agricultural course, senior year, second semester, three hours per week. It includes the influence of forests on climate, soil, and flow of streams; characteristics and uses of typical woods; management and preservation of forests; special study of forest trees native to Montana. Instruction is given by Roy W. Fisher, B. S., assistant professor of horticulture.

University of Nebraska.—The undergraduate course in forestry extends through four years and leads to the B. S. degree. During the course opportunity is given to spend one or more summers in some of the Government forest reserves. The instruction in forestry is as follows:

First year: Introduction to forestry (one semester, two hours).

Second year: Study of woods (one semester, two hours).

Third year: Silviculture (three hours, and six hours' field work); timber physics (two hours); forest zoology (two hours).

Fourth year: Forest measurements and management (two hours, and four hours' field work); forest utilization (one semester, two hours); forest entomology (one semester, two hours); forest history and policy (one semester, two hours).

There are offered also a course in forestry for teachers of nature study (one semester, one hour, and field or laboratory work), and a course in farm forestry for students of agriculture (one semester, one hour, and field work). Instruction is given by Francis G. Miller, M. F., professor of forestry.

Nevada State University.—A course on elementary forestry may be elected by seniors in the agricultural course (one semester, four hours; one semester, three hours). Instruction is given by Patrick B. Kennedy, Ph. D., professor of botany and horticulture.

New Hampshire College of Agriculture and Mechanic Arts.—The instruction in forestry is as follows:

Arboriculture and forestry: Use of trees for shelter, shade, and ornament, and their propagation; value of trees for timber; improvement of existing woodlands; influence of forests upon soils, crops, and climate; establishment and management of plantations of forest trees. (For agricultural juniors, ten weeks, three exercises per week.)

Forest technology: Establishing, improving, and managing woodlands; estimating and measuring standing timber and harvesting forest products; physical properties of woods, forest botany, and entomology. (Elective for agricultural seniors, twelve weeks, three exercises per week.)

Forest economics: Climatic influences; soil and crop production; forest administration; forest laws; forest policies; forest distribution; forest utilization. (Elective for agricultural seniors, ten weeks, three exercises per week.) Instruction is given by Frank W. Rane, M. S., professor of horticulture and forestry.

New Mexico College of Agriculture and Mechanic Arts.—The study of windbreaks, home planting, utility of forest plantations, influence of forests on climate and water courses, forest reserves, and forest-tree planting. (Required of agricultural sophomores, twelve weeks, two hours.) Instruction is given by the department of agriculture and horticulture.

North Carolina College of Agriculture and Mechanic Arts.—Lectures on forest influences and methods of forest management, timbers, and forest products. (Elective for seniors in agriculture, ten weeks, three periods.)

North Dakota Agricultural College.—Lectures on the care and cultivation of groves and timber belts, study of the different species in North Dakota, influence

of forests upon atmospheric conditions and soil fertility. (Junior year of agricultural course, six weeks, five hours.) Instruction is given by C. B. Waldron, B. S., professor of horticulture and forestry.

*Ohio State University.*—The undergraduate course in horticulture and forestry extends through four years and leads to the B. S. degree. The instruction in forestry includes:

Third year: Forest botany (thirteen weeks, two hours; laboratory and field work, four hours); histology of wood (twelve weeks, two hours; laboratory, four hours); forest ecology and pathology (eleven weeks, two hours; laboratory, four hours).

Fourth year: Elements of forestry (thirteen weeks, two hours; laboratory or practicum, six hours); forest technology and timber physics (twelve weeks, two hours; laboratory or practicum, six hours); forest economics (eleven weeks, two hours; laboratory or practicum, six hours); thesis work (two hours per week through the year).

Instruction in dendrology is offered as follows: Lectures and field work (thirteen weeks, four hours); laboratory work and special investigation (twelve weeks, four hours). Instruction is given by William R. Lazenby, M. Agr., professor of horticulture and botany, and Vernon H. Davis, M. S. A., assistant professor of horticulture and forestry.

Oklahoma Agricultural and Mechanical College.—During ten weeks of the senior year of the agricultural course instruction is given (five hours per week) on conditions of forest growth, methods of reproduction, preservation, and harvesting, economics of forestry, forest belts, forest reserves, and national parks of the United States. Instruction is given by Oscar M. Morris, B. S., professor of horticulture.

*Oregon Agricultural College.*—Instruction in forestry is offered as an elective for seniors in the agricultural course as follows:

First term: Lectures, laboratory exercises, and field work on Pacific coast forests; forest areas, type trees, and products; forest trees, chief characteristics, uses, and identification. (Five hours a week.)

Second term: Lectures on forest culture, forest management, forest protection, forest laws. (Five hours a week.)

Third term: Lectures, laboratory exercises, and field work on plant diseases, especially those affecting forest trees; fungous foes of timber; timber preservation. (Seven hours a week.)

Fourth term: Construction of woods and metals. (Seven hours a week.) Instruction is given by Edward R. Lake, M. S., professor of botany and horticulture.

*Pennsylvania State College.*—Forestry is elective in the agricultural course and required in the course in biology during the second semester of the junior year, two hours per week. The instruction consists of lectures on the value of forests from climatic and economic considerations, with the best available methods for the conservation and replacement of them.

Rhode Island College of Agriculture and Mechanic Arts.—Lectures and supplementary reading on general importance of forests, their influence on climate and water supply, methods of regeneration, and systems of forest management. (Elective in junior year, ten weeks, three exercises per week.) Instruction is given by Fred W. Card, M. S., professor of agriculture.

South Dakota Agricultural College.—Principles of forestry, influence of forests on climate, timber planting on the prairies, European forestry methods as modified by prairie conditions, shelter belts, propagation, cultivation, characteristics, and uses of forest trees. (Eleven weeks, three hours a week.) Forestry literature (thirteen weeks, five hours a week). Instruction is given by Niels E. Hansen, M. S., professor of horticulture and forestry.

University of Tennessee.—General principles of forest growth, identification of trees, estimating the forest crop, forest management, with special attention to hardwood growths. (Lectures, with practice in senior year of agricultural course, ten weeks, one period and three hours per week.) Instruction is given by Charles A. Keffer, professor of horticulture and forestry.

Agricultural and Mechanical College of Texas.—A brief study of the history of forestry, means of propagation and development, and of the effects of forests on climate. (Elective, junior year, eleven weeks, two hours a week.)

Agricultural College of Utah.—Study of trees under forest conditions; trees in relation to altitude, humidity, temperature, and winds; forest distribution in relation to soil and environment; methods of forestry propagation and management; wind-breaks, shelter belts, and forestry plantations; forest products; study of the trees and shrubs of Utah. (Elective in senior year, sixteen weeks, two hours a week.)

Virginia Agricultural and Mechanical College and Polytechnic Institute.— Preserving and improving original forests; classification and study of native trees, with notes on their economic importance; harvesting, etc.; starting forest plantations. (Required in agricultural and horticultural courses, junior year, seventeen weeks, three times a week.) Instruction given by M. Ferguson, Ph. D., adjunct professor of agricultural bacteriology and microscopy.

State College of Washington.—Planting and care of young forests and preservation of natural forests. (Elective, one semester, daily.) Instruction given by Walter S. Thornber, M. S., professor of horticulture.

University of Washington.—History and progress of forestry as a science. (Lectures, collateral reading, and field work, one semester, twice a week.) Edmond S. Meany, M. L., professor of history.

*West Virginia University.*—Protection of growing crops, reforestation, forest management, equable climate, future timber supply, etc. (Elective.) Thomas C. Johnson, A. M., instructor in botany.

In addition to the institutions mentioned above, instruction and practice in forestry have been given for some years at Biltmore, N. C., under the direction of the forester of the Vanderbilt estate at that place. There is not at hand any information as to the scope of the work or the amount of time required.

# THE AMERICAN SYSTEM OF AGRICULTURAL EDUCATION AND RESEARCH.

#### By A. C. TRUE,

Director Office of Experiment Stations, U. S. Department of Agriculture.

#### AGRICULTURAL EDUCATION.

#### INTRODUCTION.

The American system of agricultural education includes a number of different classes of institutions which, taken together, provide all grades of instruction in agriculture, from graduate courses leading to the doctor's degree to nature study courses in the primary schools and kindergartens. These institutions may be grouped under five general heads: (1) Departments of original research and graduate study in agriculture of university grade, including the National Department of Agriculture and the State agricultural experiment stations; (2) colleges and schools giving general and special courses in agriculture; (3) secondary schools of agriculture (agricultural high schools); (4) primary schools incidentally giving elementary instruction in agriculture, and (5) agencies for university extension (farmers' institutes, correspondence courses, etc.). Secondary and primary instruction in agriculture is of comparatively recent development in the United States, but graduate and collegiate courses are well established and take rank with the best agricultural courses in the much older universities and colleges of Europe.

The American institutions for instruction and research in agriculture are brought together to constitute a national system through the Association of American Agricultural Colleges and Experiment Stations (organized in 1887), the Office of Experiment Stations of the United States Department of Agriculture, and the Bureau of Education of the Department of the Interior. The association has been very active and efficient in its efforts to promote agricultural education through committees especially appointed to consider the subject.<sup>4</sup> One of these committees has recommended, with the approval of the association, as a standard of entrance requirements for college courses, (1) physical geography; (2) United States history; (3) arithmetic, including the metric system; (4) algebra to quadratics; (5) English grammar and composition, together with the English requirements of the New \*England Association of Colleges and Preparatory Schools; and (6) ancient, general, or English history; and the committee has suggested that all colleges unite in requiring the first five subjects as a minimum for admission to their lowest collegiate classes.

The committee has also recommended that the following subjects be included in a four years' college course in agriculture leading to the bachelor's degree: Algebra, geometry, trigonometry, drawing, English, other modern languages, psychology, ethics or logic, political economy, general history, constitutional law, physics, chemistry (general and agricultural), meteorology, geology, botany (including vegetable physiology and pathology), zoology (including entomology), physiology, veterinary science, horticulture, forestry, and agriculture (in the narrow technical sense). The committee has divided technical agriculture into (1) agronomy (plant production); (2) zootechny (animal industry); (3) agrotechny (agricultural technology); (4) rural engineering (farm mechanics); and (5) rural economics (farm management).

#### HISTORICAL.

Organized efforts in behalf of agricultural education and research may be said to have had their beginnings in the United States in the agricultural societies which began to be formed near the end of the eighteenth century. These societies not only began the publication of information relating to agriculture themselves, but stimulated the publication of books and agricultural periodicals on the subject and encouraged the holding of agricultural fairs, which exerted a considerable educational influence. Even at this early period some effort was made to introduce agricultural instruction into the school system of the country, but without much success. In 1792, under the influence of the New York Agricultural Society, the trustees of Columbia College in New York City, established "a professorship for natural history, chemistry, and agriculture," and

<sup>&</sup>lt;sup>a</sup> Since 1895 this association has had a standing committee on methods of teaching agriculture, of which the Director of the Office of Experiment Stations of the Department of Agriculture, Dr. A. C. True, is chairman. This committee has made nine reports on different phases of agricultural education, which have been published as Circulars Nos. 32, 37, 39, 41, 45, 49, 55, and 60, of the Office of Experiment Stations.

elected Dr. Samuel L. Mitchill, an active member of the society, to fill the chair. In 1801 the Massachusetts society started a subscription which resulted in the establishment of a professorship of natural history in Harvard College in 1804, and later in the establishment of a botanic garden. Among the first strictly agricultural schools to be established was what was known as the Gardiner Lyceum, established at Gardiner, Me., in 1821, and successfully maintained for several years. This school received an annual grant of \$1,000 from the State legislature, and its object was to give mechanics and farmers "such a scientific education as would enable them to become skilled in their professions," In 1826 an agricultural school was established at Derby, Conn., and proved immediately successful. A number of other schools in which agriculture was taught were established, mainly by private enterprise, in Connecticut and New York, between 1825 and 1850. In 1846 John P. Norton was appointed professor of agricultural chemistry and vegetable and animal physiology at Yale College, his pupil and successor being Samuel W. Johnson, the well-known author and a leader in the movement for agricultural education and research. Associated with him as professor of agriculture has been William H. Brewer, also a pupil of Professor Norton, and identified with agricultural schools established in New York prior to 1860. In 1853 the New York legislature passed acts establishing a State agricultural college and an industrial school, to be known as the "People's College." These institutions, however, did not become firmly established, although Amos Brown, the president of the latter, was largely instrumental in securing national legislation favoring industrial education. Agricultural colleges which have grown to be permanent and strong institutions were opened in Michigan in 1857 and in Pennsylvania and Maryland in 1859.

The National Department of Agriculture, which has grown to be such an important factor in agricultural education and research, began as a division of the Patent Office, its chief function being the collection and distribution of valuable seeds and plants. Congressional aid for this purpose began with an annual appropriation of \$1,000 in 1838. This was increased to \$35,000 in 1855, and in 1862 the Department of Agriculture was formally organized, its duties being defined to be "to acquire and diffuse among the people of the United States useful information on subjects connected with agriculture in the most general and comprehensive sense of that word, and to procure, propagate, and distribute among the people new and valuable seeds and plants." Since its organization, however, the functions of the Department have been constantly. enlarged by succeeding acts of Congress, until they now include almost every phase of agricultural research, and a wide range of educational work. The year in which the National Department of Agriculture was established also marks the passage of the first Morrill Act "donating public lands to the several States and Territories which may provide colleges for the benefit of agriculture and the mechanic arts." This act provided for "the endowment, support, and maintenance of at least one college [in each State] where the leading object shall be, without excluding other scientific and classical studies, and including military tactics, to teach such branches of learning as are related to agriculture and mechanic arts \* \* \* in order to promote the liberal and practical education of the industrial classes in the several pursuits and professions in life." For these purposes there were granted to the several States 30,000 acres of land for each Member of Congress, the entire proceeds of the sale of which was to constitute a perpetual fund yielding not less than 5 per cent interest. The total fund received by the colleges established under this act is over \$10,000,000.

While meetings of farmers, similar in character to the modern farmers' institute had been held prior to that time, the institutes began to take distinc-

tive form as efficient educational agencies and to receive State aid about the time of the organization of the agricultural colleges under the Morrill Act of 1862.

In 1887 a new impetus was given to the development of instruction in agriculture in the land-grant colleges by the act of Congress known as the Hatch Act, giving each State and Territory \$15,000 for the establishment and maintenance of an agricultural experiment station. In 1890 Congress further aided these institutions by the passage of what is known as the second Morrill Act for "the more complete endowment and maintenance of colleges for the benefit of agriculture and the mechanic arts." This act provided an immediate appropriation of \$15,000 to each State and Territory, an increase of \$1,000 each year for ten years, and thereafter \$25,000 annually "to be applied only to instruction in agriculture, the mechanic arts, the English language, and the various branches of mathematical, physical, natural, and economic science." Provision is made for separate institutions for white and colored students in States which may desire to make such an arrangement. Fifteen States have taken advantage of this provision. These supplementary acts, as well as the aid given by State legislatures, furnish an income of over \$10,000,000 annually, and have been of great advantage to agricultural education in the country. Educational institutions receiving the benefits of the acts of Congress of July 2, 1862, and August 30, 1890, are now in operation in all the States and Territories except Alaska, Hawaii, and Porto Rico. The total number of these institutions is 66, of which 63 maintain courses in agriculture (see p. 248). Agricultural experiment stations are now in operation in every State and Territory of the United States, including Alaska, Hawaii, Porto Rico, and the Philippine Islands.

#### DEPARTMENTS OF ORIGINAL RESEARCH AND GRADUATE STUDY IN AGRICULTURE.

The Department of Agriculture and the experiment stations.—At the head of the system of agricultural education, as well as of research, stand the United States Department of Agriculture and the agricultural experiment stations in the different States and Territories (see p. 254), the latter organized chiefly as departments of the land-grant colleges. These constitute very largely the university or graduate branch of agricultural education in this country, having for their chief functions the discovery and dissemination of new truths regarding the theory and practice of agriculture. Organized primarily with reference to research, both the Department and the stations to a considerable extent directly promote agricultural education, in the technical sense, by giving instruction to students. This is done by opening their laboratories to assistants who participate in research work while continuing their studies.

While the other bureaus of the Department do valuable educational work along the lines of research in which they are engaged, the Office of Experiment Stations is the general agency of the Department for the promotion of agricultural education throughout the United States, and is steadily enlarging the scope and extent of this branch of its work. Special attention is being given to the better organization of the American system of agricultural education, so that it may include properly graded courses of instruction, reaching from the graduate school and the college to the common school, and may embrace all the branches of agriculture considered as both a science and an art. Part of this work is being done, as already explained, in cooperation with the Association of American Agricultural Colleges and Experiment Stations.

The Office of Experiment Stations has published a number of documents describing the history and present development of the American system of agricultural education and research, lists of text-books, and works of reference on agricultural subjects, etc. It also gives a résumé of the progress of agricultural education in its annual report from year to year. These publications, as well as numerous others issued by the United States Department of Agriculture, are freely sent on application to teachers and school officers.

Several of the colleges of agriculture maintain regularly constituted graduate schools, and not a few others make arrangements whereby graduate students are enabled to pursue advanced courses leading to degrees. There are now 40 colleges which thus provide agricultural work-leading to the master's degree and 9 which offer courses in agriculture leading to the doctor's degree.

• In the summer of 1902 a graduate school of agriculture was successfully conducted at the Ohio State University. The plan for this school was originated by Prof. Thomas F. Hunt, dean of the College of Agriculture and Domestic Science of the Ohio State University, the purpose being to establish a course for advanced students in agriculture at which the leading teachers and investigators of the leading colleges and experiment stations and this Department should present summaries of the recent progress in agricultural science, illustrate improved methods of teaching agricultural subjects, and afford a somewhat extended opportunity for the discussion of live topics drawn from the rapidly advancing science of agriculture. The board of trustees of the university made provision for its financial support. The dean of the school was the author of this paper, and the faculty included 35 men, of whom 26 were professors in agricultural colleges, 7 were leading officers of the Department of Agriculture, and 2 were officers of the New York State Experiment Station. Seventy-five students were in attendance, representing 28 States and Territories. The courses of study included agronomy, zootechny, dairying, and breeding of plants and animals. Up to this time (1904) no single college has found it practicable to assume the financial responsibility of conducting such an enterprise, but the Association of American Agricultural Colleges and Experiment Stations has taken up the matter and appointed a committee to devise means for reopening the school and making it a permanent feature of our system of agricultural education.

#### THE AGRICULTURAL COLLEGES.

The colleges of agriculture may be divided into three classes, determined by differences in their organization: (1) Colleges offering only agricultural courses; (2) colleges offering additional courses, especially those in mechanic arts; and (3) colleges of agriculture connected with universities.

The only purely agricultural college in the United States is that in Massachusetts. Agricultural and mechanical colleges are maintained in Alabama, Colorado, Connecticut, Delaware, Iowa, Kansas, Kentucky, Maryland, Michigan, Mississippi, Montana, New Hampshire, New Jersey, New Mexico, North Carolina, North Dakota, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Texas, Utah, Virginia, and Washington. Separate institutions of this class for colored students (including departments of universities located apart from the other colleges of those universities) are maintained in Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Texas, Virginia, and West Virginia. In all of these institutions except that in Arkansas courses in agriculture are conducted, but for the most part the instruction is confined to courses below the college grade. Similar institutions, maintained by State and private funds, are the well-known Hampton Normal and Agricultural Institute, in Virginia, and the Tuskegee Normal and Industrial Institute, in Alabama.

Colleges of agriculture (or equivalent schools or departments) in universities, are maintained, with the aid of national funds, in Arizona, Arkansas, California, Florida, Georgia, Idaho, Illinois, Indiana, Louisiana, Maine, Minnesota, Missouri, Nebraska, Nevada, New York, Ohio, Tennessee, Vermont, West Virginia, Wisconsin, and Wyoming. In Massachusetts, Harvard University has a school of agriculture called the Bussey Institution.

The aggregate value of the permanent funds and equipment of the landgrant colleges and of the universities having departments of agriculture in 1903 is estimated to be as follows: Land-grant fund of 1862, \$11,140,890.51; other land-grant funds, \$2,849,293.49; other permanent funds, \$14,926,747.49; land grant of 1862 still unsold, \$4,292,460.26; farms and grounds owned by the institutions, \$5,610,441.03; buildings, \$21,246,159.88; apparatus, \$2,379,742.28; machinery, \$1,112,805.28; libraries, \$2,114,802.60; live stock, \$252,490.66; miscellaneous equipment, \$3,852,629.77; total, \$69,778,463.25. The income of these institutions in 1903, exclusive of the funds received from the United States for agricultural experiment stations (\$719,999.50), was as follows: Interest on land grant of 1862, \$674,174.77; interest on other land grants, \$84,903.31; United States appropriation under act of 1890, \$1,200,000; interest on endowment or regular appropriation, \$278,409.25; State appropriation for current expenses, \$2,469,848,44; State appropriation for buildings or other special purposes, \$1,577,927.40; endowment, other than Federal or State grants, \$602,802.41; tuition fees, \$944,826.07; incidental fees, \$294,492.95; miscellaneous, \$1,120,993.80; total, \$9,248,378.40. The value of the additions to the permanent endowment and equipment of these institutions in 1903 is estimated as follows: Permanent endowment, \$626,916.56; buildings, \$1,426,330.31; libraries, \$135,312.46; apparatus, \$104,247.94; machinery, \$169,182.24; live stock, \$51,140.96; miscellaneous, \$230,552.91; total, \$2,743,683.38.

The number of persons in the faculties of the colleges of agriculture and mechanic arts was as follows: For preparatory classes, 445; for collegiate and special classes, 2,024; total (deducting 8 counted twice), 2,461. In the other departments the faculties aggregated 1,141, making a grand total of 3,602 persons in the faculties of the land-grant institutions. The students in 1903 were as follows: (1) By classes—preparatory, 8,801; collegiate, 19,161; short course or special, 7,999; post-graduate, 607; other departments, 16,760; total (counting none twice), 52,489. (2) By courses: Four-year-agriculture, 3,146; horticulture, 539; household economy, 873; mechanical engineering, 4,475; civil engineering, 2,587; electrical engineering, 2,116; mining engineering, 955; chemical engineering, 188; architecture, 182. Shorter-agriculture, 5,505; dairying, 867; horticulture, 367; veterinary science, 811; military tactics, 16,316. The graduates in 1903 were 4,524, and since the organization of these institutions, 53,252. The average age of graduates in 1903 was 21 years and 10 months. The total number of volumes in the libraries was 1,837,461. The total number of acres of land granted to the States under the act of 1862 was 10,170,851, of which 1,007,994 are still unsold.

College courses in agriculture.—In nearly all of these institutions the college course in agriculture extends over four or more years. In cases where more than four years are required an additional year or two years have been added to prepare students for admission to the regular course. The course varies considerably in different institutions as regards the requirements both for admission and for graduation. In some cases students are admitted directly from the common schools, while in others the entrance requirements are on a level with those for admission to other college courses in high-grade colleges. Gradually, however, a number of the institutions which formerly admitted students from the common schools are raising their entrance requirements to correspond more nearly with the recommendations of the committee on entrance requirements of the Association of American Agricultural Colleges and Experiment Stations.

The course at the Massachusetts Agricultural College may be considered typical of relatively high-grade college courses in agriculture as given in American colleges. Candidates for admission must be at least 16 years old, and are required to pass examinations in English, general history, physiology, physical geography, algebra (through quadratics), plane geometry, and civil government. The student is required to follow a definitely prescribed curriculum during two years, after which he is allowed to elect one of the following courses: Agriculture, horticulture, biology, chemistry, mathematics, and landscape gardening. In freshman year the following subjects are included in the course: Agriculture, botany, chemistry, algebra, geometry, trigonometry, English, French, military tactics, and history; in sophomore year, agriculture, horticulture, zoology, chemistry, English, and German; in junior year the student follows one of the prescribed courses mentioned above; and in senior year, together with the required military science, bacteriology, and Constitution of the United States, he must take at least three elective studies closely correlated with his junior-year course, which may be selected from the following: Agriculture, botany, horticulture, landscape gardening, chemistry, physics, entomology, veterinary science, engineering, English, French, German, Latin.

A similar arrangement prevails at the Michigan Agricultural College, where the agricultural students, after pursuing the prescribed course for two years, are allowed to elect between agriculture, horticulture, and forestry.

Iowa State College now offers four full-year courses in agriculture, in which the student is allowed to specialize in agronomy, dairying, animal husbandry, or horticulture.

The elective system prevails in several of the agricultural colleges, especially in those connected with universities. The college of agriculture of the University of Illinois, for example, offers about sixty electives in the different branches of the subject of agriculture, and Cornell University has 8 groups of electives from which students may choose during the last two years in the regular college course. Another notable tendency of these larger institutions is the growing disposition to divide the subject of agriculture into specialties, such as plant industry (including agronomy, horticulture, and forestry), animal industry, agrotechny (dairying, sugar making, etc.), rural engineering, and rural economy. This specialization has resulted in the organization of agricultural faculties with professors of agronomy, horticulture, animal industry, etc., instead of, as in former years, one professor charged with teaching the whole subject of agriculture, and also, not infrequently, such related subjects as agricultural chemistry, botany, and veterinary science.

In the effort to meet the needs of the various classes of students, especially of those who are unable to complete a full college course, the agricultural colleges have been unusually active in recent years in organizing short and special courses of different kinds. Forty-four of these institutions have organized such courses, which are planned to meet the needs of young people who may be classified somewhat roughly as follows: (1) Those preparing to enter a fouryear agricultural course; (2) those desiring instruction in agricultural subjects, but having insufficient scholastic attainments to take the full collegiate course; (3) those unable to leave home for an extended course, who desire instruction in some particular phase of agricultural science or wish to become proficient in some branch of agricultural practice, and (4) teachers desiring to prepare themselves to give instruction in nature study and elementary agriculture. For the first two classes courses from one to three years in length are provided; for the third, from a week or ten days to ten or twelve weeks in length; and for the fourth, summer schools and one-year to two-year normal courses. At least 6 of the agricultural colleges—viz, those of Maine, Minnesota, Nebraska, Oklahoma, Rhode Island, and Washington—maintain, in addition to their regular courses, agricultural courses of high-school grade.

Much greater attention than formerly is being given to the improvement of methods of teaching agricultural subjects. This is evidenced by the employment of more thoroughly trained teachers, by individual and associated efforts to define and arrange the topics of instruction in accordance with pedagogical principles, by the general adoption of the laboratory system as applied to the field, the plant house, and the barn, as well as to the buildings constructed with special reference to the peculiar needs of instruction in agricultural subjects.

The collection and devising of apparatus and illustrative material are being pushed with much enthusiasm and success, and the general housing and equipment of the agricultural departments are being greatly extended and improved.

#### AGRICULTURAL INSTRUCTION IN SECONDARY AND PRIMARY SCHOOLS.

Besides the high school agricultural courses and schools of agriculture mentioned above as maintained in connection with colleges of agriculture, there are a considerable number of secondary agricultural schools, some of which are supported by State or local funds and some by private funds.

Alabama has nine agricultural schools, one in each Congressional district, supported by State and local funds. These are located at Abbeville, Albertville, Athens, Blountsville, Evergreen, Hamilton, Jackson, Sylacauga, and Wetumpka. Usually these schools are connected with local public schools and resident pupils predominate, but there are also quite a number of pupils enrolled from the towns adjoining each school.

The California Polytechnic School, located at San Luis Obispo, and opened October 1, 1903, is a State institution established "to furnish to young people of both sexes mental and manual training in the arts and sciences, including agriculture, mechanics, engineering, business methods, domestic economy, and such other branches as will fit the students for the nonprofessional walks of life."

An agricultural school of secondary grade has recently been opened at Rutherford, Napa County, Cal., under the auspices of the Youths' Directory of San Francisco, a Roman Catholic organization.

In Connecticut there is a school of horticulture located just outside the city limits of Hartford and supported by private funds. The school is maintained primarily for the purpose of affording instruction in horticulture and gardening to the pupils of the public schools of Hartford.

The Winona Agricultural and Technical Institute, at Winona Lake, Ind., founded in 1902, is a secondary school, having a two-year preparatory department corresponding to the seventh and eighth grades of the public schools, and a four-year academic department providing four groups of studies entitled agriculture, trades, elementary technology, and academic.

In Massachusetts an agricultural department has been established in connection with the Mount Hermon School, near Northfield, founded by the late D. L. Moody. This State also includes a number of institutions offering courses in horticulture for women. At Groton there is the School of Horticulture and Landscape Gardening for women, conducted under private auspices. Simmons College, Boston, now provides a course in theoretical and practical horticulture for women. Wellesley College also announces a course in elementary horticulture and landscape gardening, to include lectures on the preparation of soils, the propagation, cultivation, and pruning of plants, school gardens, and planting designs.

In Missouri the three State normal schools, located at Cape Girardeau, Kirksville, and Warrensburg, give instruction in agriculture for the purpose of preparing teachers to introduce this subject into the public schools of the State.

The Baron de Hirsch Agricultural and Industrial School, at Woodbine, N. J., regularly opened for students in 1894, provides general and agricultural education of the secondary grade, combined with a large amount of practical farming and horticulture, for a limited number of boys and girls.

In Elyria, Ohio, a city of about 10,000 inhabitants, an agricultural college graduate is employed to teach agriculture and chemistry in the public high school, and an elective course has been arranged in which agriculture is taught n the third and fourth years.

A four-year course in agriculture is offered at Union Academy, Belleville, N. Y.

The National Farm School, located at Doylestown, Pa., was established in 1896, and provides secondary instruction in agriculture, with practical farm work for about 40 boys. The school is supported by a small State appropriation, private donations, fees, and sales of farm products.

Wisconsin has two county agricultural schools established under the provisions of a State law granting aid not to exceed \$2,500 per annum to the two counties which first erect buildings and provide other necessary equipment for such schools. These are the Marathon County School of Agriculture and Domestic Economy, located at Wausau, and opened October 6, 1902, and the Dunn County School of Agriculture and Domestic Science, located at Menomonie, opened October 20, 1902.

In the Girls' Industrial College at Denton, Tex., opened to students in September, 1903, considerable attention is given to the teaching of horticulture and ornamental gardening, floriculture, dairying, bee keeping, and poultry keeping.

A few schools of primary and grammar grades have attempted, with apparent success, to give instruction in the elements of agriculture. The Watkinson Farm School, near Hartford, Conn., and the Thompsons Island Farm School, in Boston Harbor, are examples of such institutions. Near Knoxville, Tenn., plans have been made and land purchased for the establishment of a central rural school in which the pupils will receive instruction not only in the usual subjects taught in such a school, but also in agricultural subjects, such as planting and cultivating fruits and flowers, raising poultry, and operating dairies. In Missouri and portions of Illinois numerous successful experiments along these lines have been made in the rural schools, while in other States the public schools of both urban and rural districts have made encouraging progress in the introduction of nature study and school-garden work. These subjects now constitute a part of the regular instruction and practice work in many of the normal schools in all parts of the Union.

A number of the State legislatures have passed laws recently whereby the public schools are permitted or encouraged to provide instruction in agriculture. Such laws now exist in Alabama, Georgia, Illinois, Louisiana, Maryland, Michigan, Missouri, North Carolina, and Wisconsin. The State superintendents of public instruction are beginning to take an active interest in this subject, and at the last meeting of the National Educational Association in Boston a committee was appointed to consider, among other things, the teaching of agricultural subjects in the public schools. The agricultural work which is now being attempted in the public schools in different parts of the country includes the following: (1) Nature study with plants, farm crops, domestic animals, soils, etc.; (2) school-garden work, including the growing of flowers, vines, and shrubbery for the improvement of school and home grounds and vegetables in gardens at the schools or at home; (3) the organization of clubs among rural school children for making simple experiments with fertilizers and field crops, and (4) lecture courses and institutes for rural school children.

#### UNIVERSITY EXTENSION IN AGRICULTURE.

Probably no university-extension movement in this country has actually been so widespread as that on behalf of agriculture. Excluding the dissemination of agricultural information through the publications of the experiment stations and the Department of Agriculture, which might, however, be very properly included, we find many of the colleges now extending their educational influences over wide areas and among many hundreds of people not enrolled in their regular courses through the agency of farmers' institutes, reading courses for farmers and farmers' wives, correspondence courses, agricultural experimental unions, and the introduction of nature study and school-garden work with children. The farmers' institutes, which are now held in 46 States and Territories, are attended by over 900,000 people. To aid in making these institutes more effective for the dissemination of the results of agricultural investigation and of improved methods of agricultural practice, the National Department of Agriculture has, under Congressional authority, appointed in the Office of Experiment Stations a farmers' institute specialist and authorized him to investigate and report on the organization and progress of farmers' institutes in the several States and Territories.

A number of the colleges maintain reading courses for farmers, in which certain lines of reading are regularly taken up, review questions are sent out, and the answers received are criticised. Some of the colleges modify this procedure by preparing special publications for the members of its reading courses to study. Reading courses are now conducted under the auspices of the agricultural colleges in Michigan, New York, South Dakota, and West Virginia. Closely related to the reading courses are the correspondence courses conducted by the Pennsylvania State College, which enrolls several hundred correspondents who regularly receive mimeograph copies of lessons prepared under the direction of the professor of agriculture in the college, and similar courses in agriculture and horticulture now offered by the University of Wyoming. The success of extension work of this kind has led to the establishment recently of three quite strong correspondence schools under private auspices, two of which offer courses in agriculture, and the other courses in poultry culture.

Experimental unions, which are organizations of college graduates and nongraduate students for the purpose of extending the influence of the colleges and experiment stations by means of cooperative experiments with field crops, methods of culture, fertilizers, etc., are now organized in Illinois, Iowa, Nebraska, New York, Ohio, Wisconsin, and possibly one or two other States.

Several of the agricultural colleges are further extending their influence through the preparation of nature-study leaflets and school-garden leaflets, and through lectures and correspondence on the part of their officers to promote a better understanding of the elements which make up the environment of children in rural sections, the aim being, first, to put children into better sympathy with their surroundings, and, secondly, to prepare the way for instruction in the elements of agriculture in the rural schools.

ED 1905-VOL 1-20

#### AGRICULTURAL RESEARCH.

The United States has in its National Department of Agriculture and the State agricultural experiment stations a very complete system of agricultural research, and the results obtained through these agencies are having a powerful influence in improving the agriculture of the country.

#### THE UNITED STATES DEPARTMENT OF AGRICULTURE.

The largest single agency for agricultural research in the United States is the National Department of Agriculture. This Department, as already stated, began its existence as a division of the Patent Office, the chief function of which was the collection and distribution of valuable seeds and plants and the collection and compilation of agricultural statistics of various kinds. At present (1904) it employs over 4,000 persons and expends nearly \$6,000,000 annually in the promotion of agriculture. This it seeks to do largely through scientific investigation and the widest possible dissemination of the results of its work. From the very beginning of its existence the Department has been engaged in the investigation of scientific questions related to agriculture, and at the present time a very large proportion of its force consists of scientific experts and specialists, who are devoting their time almost exclusively to investigation of this character.

In its Weather Bureau, and Bureaus of Animal Industry, Plant Industry, Soils, Chemistry, Forestry, Entomology, and Statistics, Office of Experiment Stations (having charge of nutrition and irrigation and drainage investigations), Biological Survey, Office of Road Inquiries, and agricultural library of 85,000 volumes, the Department has the most ample equipment for the study of practically all scientific problems related to agricultural production and distribution. In fact, the Department is primarily a great research institution provided with well-equipped laboratories and other facilities for research in all branches of science which have a direct bearing on agriculture.

The magnitude of the effort which the Department is making to disseminate the results of its work is shown in the fact that during the year ended June 30, 1904, there were issued through the Division of Publications of the Department 972 documents, the total distribution of which was over 12,000,000 copies.

The Department maintains close relations with the agricultural colleges and experiment stations through its Office of Experiment Stations, and there is an evident disposition on the part of Congress to promote such relations by providing in its appropriation acts for a large amount of cooperation with the State institutions. This plan of cooperation, which is being strengthened from year to year, serves to unify the work and to build up a system of agricultural research which comprehends the nation as a whole and yet meets the varied needs and conditions of an extremely diversified agriculture.

#### THE AGRICULTURAL EXPERIMENT STATIONS.

The agricultural experiment stations in the United States are State institutions, supported in part by funds given by the National Government to the States to be used for their maintenance. The direct management of the stations is wholly in the hands of State officers, but they sustain certain definite relations to the Federal Government, and the Congressional appropriations for their support are included in the annual appropriation acts for the United States Department of Agriculture.

The stations thus have much more intimate relations with the Department of Agriculture than with any other branch of the Federal Government. The act of Congress (Hatch Act) of March 2, 1887, under which the stations have been organized, provides "that in order to secure, as far as practicable, uniformity of methods and results in the work of said stations it shall be the duty of the United States Commissioner [now Secretary] of Agriculture to furnish forms, as far as practicable, for the tabulation of results of investigations or experiments; to indicate from time to time such lines of inquiry as to him shall seem most important, and in general to furnish such advice and assistance as will best promote the purposes of this act."

Beginning with the year 1894, Congress has each year inserted in the appropriation act for the maintenance of the stations a provision that "the Secretary of Agriculture shall prescribe the form of the annual financial statement [required by the Hatch Act], shall ascertain whether the expenditures under the appropriation hereby made are in accordance with the provisions of said act, and shall report thereon to Congress." Thus, virtually, the Secretary of Agriculture now has general supervision of the expenditures of the stations under the Hatch Act. The Office of Experiment Stations, organized in 1888, represents the Department of Agriculture in its relations with the stations.

The stations are by law departments of the land-grant colleges. However, the act establishing the stations made an exception in favor of State agricultural experiment stations which had been established separate from the land-grant colleges prior to the passage of the act (March 2, 1887). In this way it has come about that State stations are maintained in Connecticut, Louisiana, New York, and Ohio which are not connected with colleges and yet receive, in whole or in part, the benefits of the Hatch Act. In New Jersey there is a station which is supported by State funds as distinct from the station which received the Hatch funds, but both stations are located at the land-grant college and have the same director. There are also stations maintained wholly by State and local funds in Alabama, Hawaii, and Missouri, and in a number of States substations are maintained. Excluding the substations, the total number of stations in the United States is 60, of which 55 receive appropriations provided for by acts of Congress.

Officers and employees.—The stations which are departments of the colleges are, as a rule, under the general management of the governing boards of these institutions. The separate State stations have their own governing boards. The station staff usually consists of a director and several scientific experts in charge of special lines of work. In a few instances the president of the college is also director of the station connected with it, but in a far greater number of instances the director is a separate officer responsible to the president. Tn 1903 there were 757 station officers in the work of administration and inquiry. The number of officers engaged in the different lines of work was as follows: Directors, 54; assistant and vice directors, 19; special agents in charge, 3; chemists, 160; agriculturists, 54; agronomists, 27; animal husbandmen, 39; poultrymen, 7; horticulturists, 79; farm and garden foremen, 39; dairymen, 34; botanists, 56; plant pathologists, 4; entomologists, 50; zoologists, 6; veterinarians, 31; meteorologists, 10; biologists, 6; physicists, 6; geologists, 4; mycologists and bacteriologists, 23; irrigation engineers, 11; in charge of substations, 16; secretaries and treasurers, 27; librarians, 12; clerks and stenographers, 34. There are also 50 persons classified under the head of "miscellaneous," including superintendents of grounds and buildings, apiarists, herdsmen, and other employees.

*Income in 1903.*—The total income of the stations during 1903 was \$1,427,237.73, of which \$720,000 was received from the the National Government, and the remainder, \$707,237.73, from State governments, individuals, and communities, fees for analyses of fertilizers, sales of farm products, and mis-

cellaneous sources. In addition to this the Office of Experiment Stations had an appropriation of \$161,000 for the past fiscal year, including \$15,000 for the Alaska Experiment Stations, \$12,000 for the Hawaii Experiment Station, \$12,000 for the Porto Rico Experiment Station, \$20,000 for nutrition investigations, and \$65,000 for irrigation investigations. The total value of additions to the equipment of the stations in 1903 is estimated to be \$236,370.61.

*Equipment.*—The stations are as a rule already well equipped as regards offices, laboratories, vegetation houses, barns and other farm buildings, etc., and scientific appliances, or are rapidly acquiring improved facilities of this character either through direct State appropriations or through the land-grant colleges with which they are connected. In this respect especially have the stations profited by their association with the colleges.

Lines of work of the stations.—The stations are conducting a wide range of scientific research in laboratory and plant houses and an equally large amount of practical work in field, orchard, stable, and dairy. Their investigations include studies of climatic and weather conditions as related to plant growth; soil investigations and fertilizer experiments to find the best means of maintaining and increasing the productiveness of the soil; irrigation and drainage experiments to increase the area of productive lands; breeding and culture of plants to increase the yield and improve the quality of farm, garden, orchard, and greenhouse crops of all kinds; breeding and feeding of farm animals to increase production and improve the quality of meat, milk, and wool; dairying to improve the output of butter and cheese; inspection of fertilizers, foods, and feeding stuffs, dairy products, etc., to protect farmers against fraud, and a large number of associated lines of work which it is not necessary to enumerate here. These various lines of investigation may be classified as follows: (1) Original investigations to discover new facts of value to agriculture; (2) experiments to demonstrate the scientific and practical value of facts already known and their applicability to special conditions; (3) studies of natural agricultural conditions, resources, and possibilities, and (4) inspection and control work to protect the farmer against fraud. Investigations of the stations are included primarily to supply information which it is impossible for each individual farmer to search out for himself, and the controlling purpose of their work has been (1) to develop the agricultural resources and promote the farming interests of the particular regions in which they are located, and (2) to advance the cause of scientific agriculture at large. The operations of the individual station are likely to be of a mixed character, including more or less of each of the general classes of work named, but varying in the prominence given to any particular class as the local and regional conditions and needs of the State or Territory in which it is located demand.

#### THE PROGRESS OF EDUCATIONAL REFORM IN CHINA.

[The following report was prepared by Mr. E. T. Williams, Chinese secretary of the American legation at Peking, at the request of Hon. W. W. Rockhill, the American minister at that capital, and was received by this Bureau from the State Department. It traces the history of the school-reform movement in China, and indicates what phase it has assumed at the present time. Mr. Williams's remarks as to the position and prospects of the American mission schools, under the new order of things, possess a peculiar interest for our people.] DECEMBER 22, 1905.

#### Hon. W. W. Rockhill,

#### American Minister, Peking, China.

SIR: I have the honor to submit the following report upon recent educational reforms in China.

By Article II of the final protocol of 1901 it was provided that all official examinations should be suspended for a period of five years in those cities where foreigners had been massacred or subjected to cruel treatment during the "Boxer" uprising of 1900. In accordance with this provision an imperial edict was issued on August 19, 1901, suspending for five years all civil and military examinations in 46 cities.

This action opened the way for the favorable consideration by the Chinese Government of a much-needed reform of the whole educational system of the Empire.

Previous to the "Boxer" trouble the Imperial Government had taken only an indirect interest in the education of Chinese youth. It contented itself with maintaining a system of examinations by which the brightest students were drafted into the civil service. This system, which apparently had its origin in the twelfth century B. C., was gradually developed through the long course of its history into an institution which was the pride of the Empire and the hope of its students, since by it the highest offices in the State and their rich emoluments became the prizes of scholarship. The method was not bad, provided the examination had had any bearing whatever upon the duties to be performed in the civil service. But, as the candidates were tested in their ability to expound the sacred books of China and to write beautiful odes and brilliant essays, proficiency in these matters became the one aim of master and pupil alike, and was esteemed of more importance than any practical acquaintance with affairs or any knowledge of the science of government. Such a system was more apt to secure pedantry than statesmanship. But, if the examination had been of a more practical character, the studies of the candidates would of necessity have been of a more useful kind also. Attempts were made indeed at various times to introduce into the examinations questions of present day interest, but the attempts were local and spasmodic and, being contrary to established custom in a land where precedent has all the force of law, the students rebelled and the examiners yielded to pressure.

The advent of the foreigner, however, has gradually wrought a great change. Missionaries established schools wherever they went. This is particularly true of the American missionaries. Girls and boys, chiefly of the middle and lower classes, were taught to read and write their own language and were given a knowledge of the elements of mathematics, geography, history, and of the natural sciences. In the most important cities academies or colleges were founded, and their brightest students were, many of them, sent abroad to complete their education.

With a few exceptions, however, the mandarins of China looked askance at these educational efforts of the foreigners. They felt sure that there must be some ulterior motive, and believed that the missionary was a political emissary, preparing the way for foreign encroachments. The mission schools have, therefore, never been regarded with much favor by the official classes, and the graduates from them have found little. if any, chance for official employment except as teachers, interpreters, or clerks, and until within three or four years scarcely one of them has ever secured any post of importance.

But foreign commerce steadily expanded, political relations became of increasing importance, and these changing conditions produced a constantly growing demand for a knowledge of foreign languages, of western industrial methods, international law, and an acquaintance with history and the sciences, whose comprehension is necessary to an understanding of western civilization. Mission schools, therefore, grew in numbers and importance from year to year, and the more enlightened officials, recognizing that "time makes ancient good uncouth," saw that China must change, and that without the learning

which the West could give her, she could not even maintain her prestige in Asia, much less hold her own among the great nations of the world. Several viceroys established colleges for the teaching of modern sciences. But these colleges had no relation to each other; there was no uniformity in the courses of study pursued; there were no elementary schools to prepare students for admission to them; and inasmuch as the old system of examinations still supplied the only entrance to an official career, the new schools seemed to lead nowither, and students were induced to attend chiefly by the payment of a monthly stipend. This attempt to establish a school system from the top was much like the Chinese method of building a house, the roof being put on before the walls are built up, except that the roof has the support of pillars resting on stone bases, while the school system was suspended in mid-air. The students, therefore, who really desired an education to fit them for a commercial career still continued, as a rule, to attend the mission schools. The military and naval schools established by various viceroys were also independent one of another, the methods of drill were unlike, the equipment different, the words of command in various languages, and the incipient armies and navies which began to be organized were formed upon different models.

Nevertheless these Government schools served the purpose of diminishing to some extent the prejudice which still existed in the minds of most officials, and of increasing the number of those who recognized that there was valuable knowledge to be gained outside the Chinese classics. The war with Japan served to demonstrate still more conclusively that Chinese institutions were hopelessly antiquated-wholly unsuited to modern conditions. The young Emperor and his advisers, resolved on reform, planned a complete school system for the whole Empire. But with the rashness of inexperience they antagonized the strongest elements of the nation. High officials who had given their lives to the service of the State were relegated to private life, and the religious sensibilities of the people were shocked by the wholesale confiscation of temples for educational purposes. The coup d'état followed, which sent the Emperor's advisers to the execution ground or forced them to fly into exile. A strong reaction set in. There were many occurrences to justify antipathy to the foreigner, and all things foreign began to be tabooed. The "Boxer" uprising was but an expression of this feeling. It failed of its purpose, but the attempt made shook the State to its foundations, and the walls of conservatism fell with a crash. Since that time there has been an unwavering determination on the part of the Government to modernize all its institutions. The plans adopted may not be the best in every instance, but the purpose is there, and the result, as there is every reason to believe, can not but be gratifying in the highest degree to all friends of China.

Immediately after the signature of the final protocol, in September, 1901, the Government took steps to establish a general system of public schools on modern lines. On January 13, 1904, the chancellor of the Imperial University, Chang Po-hsi, and the viceroy of the Hu-kuang Provinces, Chang-Chih-tung, after many months of independent investigation and subsequent collaboration, submitted to the Throne a complete and detailed plan for a national system of public schools, beginning with the kindergarten and crowned by the Imperial University. These regulations were published in eight volumes, and were based upon those of Japan, which in their turn were derived from the United States. The regulations were approved by Their Imperial Majesties, and local authorities were directed to carry them into operation. At the same time a special commission on educational reforms was appointed, the principal mem-

bers being the two chancellors of the Imperial University, Chang Po-hsi (Chinese) and Jungch'ing (Mongol). The provincial authorities throughout the Empire took up the difficult task, but found themselves hampered from the start-first, by their own ignorance of the modern curriculum; secondly, by the lack of properly qualified teachers and superintendents, and, thirdly, by the want of suitable text-books. The teachers needed are being secured in part from the students in the mission schools, in part by the employment of a very few Europeans and Americans, but in much larger measure by appointment of Japanese instructors. But the preparation of native teachers is being hastened by the sending of large numbers of students abroad for education. This movement began in earnest as soon as educational reform was determined upon. and has been greatly accelerated in the past two or three years. These students are nearly all supported either by the Imperial Government or the various provincial authorities, and most of them have been sent to Japan. Those sent to Europe and America number at most but a few hundreds, but those in Japan are to be counted by the thousand. The influence of Japan, therefore, in the new schools is predominant. And this seems wise, for Japan is near at hand and her educational system is abreast of the times. Her schools are easily accessible, and her teachers can be brought to China at small expense and engaged at much smaller salaries than Europeans or Americans. Even more important, however, is the spiritual kinship of the two nations. The Japanese understand the Chinese. They have but recently passed through the great change to which China is now being subjected. They can study the situation from the Chinese point of view. Their own social, political, and religious institutions are similar to those of China. They can therefore enter into close sympathy with the Chinese, wear Chinese dress, live upon Chinese food, dwell in Chinese houses, adapt themselves easily and heartily to the Chinese environment, and avoid giving offense to Chinese prejudices. Their thorough understanding of the old and the new will enable them to graft the modern system upon the rootstock of the ancient without destroying the latter. The transformation will thus be natural and the continuity with the past preserved. All that is of value in the ancient institutions of China will be conserved, though they will be modified to meet the requirements of modern conditions.

The text-books needed are being supplied in part by translations or original works prepared by missionaries or by the various bureaus of translation which have been maintained by several of the provincial governments for some years past. These books are to be subjected to revision, however, and new works are being prepared under Government supervision.

A recent memorial submitted to the Throne by Yin Ming-shou, a member of the Hanlin Academy, complains that the results of the past four years' work are very small, but when all the difficulties are taken into consideration the measure of success must be regarded as quite satisfactory. The new school system has now been inaugurated in every Province of China proper, and bids fair to make rapid development in the near future.

So long, however, as the old system of examinations was retained, as it was, throughout the greater part of the Empire, and this door of hope to official preferment was kept open, a large number of the students adhered to the old course of study, and it became necessary, therefore, in the interest of the new system, to definitely abolish the old order. This was done on September 1, 1905, by an imperial edict. This measure had an excellent effect, as is shown already by the memorials which are pouring in from all parts of the Empire suggesting measures for raising school funds, methods of employing the disappointed graduates of the old school (who are too advanced in years to take up the new order of things), and recommending improvements in the new system in order to meet difficulties that have arisen. It is shown, too, in the rapidly increasing number of schools that are being established and in the enthusiasm with which the people are making contributions of money to assist the Government in its plans. The Peking Gazette makes frequent mention of such voluntary offerings, some individuals giving as much as 10,000 taels each, and the gentry in other neighborhoods combining to establish and support the additional schools needed. The experience of the past four years has shown the necessity for a better organization, and a number of memorials upon this subject have recently been submitted, which, while they differ in details of the plans proposed, all agree in recommending a national board of education to rank with the other departments of the Imperial Government. The most important of these memorials was that of Pao-hsi, a Manchu of the imperial clan, and superintendent of education for the Province of Shansi. He proposed the establishment of a national board of education, modeled on that of Japan, and inasmuch as the provincial chancellors under the old system and the imperial examiners were under the jurisdiction of the board of rites, which was in reality a department of public worship and education, he proposed that the board of rites be entirely abolished. He also proposed that the Hanlin Academy and the Imperial Academy of Learning be incorporated with the new board of education. Prince Ch'ing, on behalf of the commission on administrative reforms, reported favorably upon the recommendation that a board of education be established and favored also the proposal to incorporate with it the Imperial Academy of Learning, which action will give the new board handsome quarters adjoining the Confucian Temple. The Prince was not in favor, however, of abolishing the board of rites, nor of making the Hanlin Academy an appendage of the new board, though he advised that some changes be made in the character of that institution, which will make its members more useful. In accordance with the recommendations of Prince Ch'ing, an imperial edict appeared on December 6, 1905, establishing the new board of education. I inclose a translation of the same.<sup>a</sup> Jungch'ing, who has been made president of the board, is one of the chancellors of the Imperial University, and has until recently been also one of the presidents of the board of revenue. He is also a grand councilor and a member of the commission on administrative reform. He is a Mongol, a comparatively young man, of progressive ideas.

Other recommendations of these recent memorials are that education be made compulsory, and that parents be fined for not sending their children to school, and that the funds heretofore used in conducting the triennial examinations, amounting to from 20,000 taels to 50,000 taels b from each province every three years, be employed in aid of the new system, one half to be spent by the province concerned and the other half by the board. These recommendations are referred to the new board for consideration.

The school regulations, as now in force, provide that children between the ages of 3 and 7 years shall be sent to the kindergarten. At 7 years of age they must be sent to the second-grade primary, where a five-year course is taken, and thence to the first-grade primary for a four-year course. The hsien (county) authorities are required to provide these primary schools. Every hsien city and every department city, as well as every market town and every village of 100 families, is expected to maintain from one to three second-grade primary schools, and the cities and towns mentioned at least one first-grade primary. Where the villages are poor or children few the authorities are authorized to combine two or three villages in the support of one second-

<sup>&</sup>lt;sup>a</sup> See page 266. <sup>b</sup> The Chinese tael is worth about \$1.40.

grade primary, but not more than 400 families are allowed to one school. It is recognized that this will not supply school accommodations for all the children, and the authorities are urged to persuade the people to supplement the Government schools by others of their own establishment. The course of study in the primary grades comprises ethics, reading and explaining the Chinese classics, Chinese composition, arithmetic, history, geography, elementary science, and physical drill. Drawing is also taken in the first grade.

From the first-grade primary the pupils are advanced to the intermediate grade, where a five-year course is to be taken. Each prefecture is required to provide at least one intermediate school. The course embraces a further study of Chinese, foreign languages (Japanese, English, German, French, and Russian), mathematics, geography, history, and the natural sciences, and ethics, drawing, and physical drill, with courses in law and political economy, when possible to establish the same. The intermediate grade is not free, but the tuition fee is low. Pupils are told that they are not being prepared especially for the civil service, but for the ordinary avocations of life, and at the close of the intermediate course may, if they choose, enter one of the special industrial or professional schools.

From the intermediate grade students pass to the provincial academy, usually styled a college. Here a three-year course is taken, on the completion of which admission may be had to the imperial university, at Peking. The university course is divided into two sections, the lower covering a college course of three or four years, according to the course chosen, and the upper a real university course of five years.

The university embraces eight schools or departments: Classical, law, literary, medical, science, agriculture, engineering, and commercial. Students pay for tuition, but free scholarships may be won by competition.

In addition to the regular course as outlined above, there are shorter courses provided for those unable to attend the university.

(1) For children already over 12 years of age who can not attend the primary schools there are established industrial schools where trades are taught.

(2) For boys who have taken the second-grade primary course and do not want to go further there is provided a primary school of agriculture to prepare the peasant's sons to perform the work of the farm more intelligently.

(3) Pupils who have completed the primary courses may enter special schools of agriculture, engineering, or commerce, and thus prepare themselves for farming, engineering, or mercantile life.

(4) Pupils may, if they choose, pass from the intermediate schools to special schools of agriculture, engineering, or commerce of a higher grade than those mentioned in (3).

(5) Every hsien (county) or department city is expected to maintain a secondgrade teachers' school, and every provincial capital a first-grade teachers' school. These are to assist in equipping the new schools with the needed teachers.

(6) Special schools of foreign languages to prepare men for translators and interpreters in the diplomatic and consular services and for employment in the Government translation bureaus. The course is five years in length.

(7) A special course of three years for those who have already won their doctor's degree at the recent examinations under the old system. This will serve to bring them more or less into line with the new order of things.

(8) Special schools of law and political science will be maintained in all the provinces for the especial benefit of those expectant officials who have already been placed on the civil list under the old examination system, but have not yet been appointed to office. There has for centuries past been a provincial college at each provincial capital for the preparation of young candidates for the duties of official life, but these colleges have really existed only in name; no course of study is provided, and no instructors have been employed. The buildings and grounds are generally very attractive, but are chiefly used as clubhouses for the mandarins and gentry. In response to a memorial of Wu T'ing-fang last May it was decided to require all expectants to take a course of one and a half years in law and political science and to pass a satisfactory examination in the same before being assigned to duty. Instruction is to be given in lectures by graduates of foreign schools, who will be selected and assigned to this duty upon their return to China.

In this connection it is interesting to note that the viceroy of this province, Yüan Shih-k'ai, has issued an order to the effect that all expectants of this province must spend at least three months in Japan before they can receive a definite appointment to office.

(9) Other special schools established in the provinces are those of veterinary surgery, police training schools, and the industrial schools connected with the New York houses which are called for by the recent reform of the penal code. It is hoped that by giving the prisoners respectable trades the poverty of the lower classes will be reduced and thus one great incentive to crime removed.

It will be seen, therefore, that the system theoretically covers the whole field, but it must of necessity be many years before some of the provinces can approach to any realization of this ideal. It is impossible to obtain any statistics upon the subject, but a brief statement of what has been done in part in this province will enable one to understand in some measure the present condition of affairs.

The viceroy at Tientsin has been very active in the matter and has been very fortunate in securing the services of a trained educator for provincial supertendent. This is Dr. C. D. Tenney, an American, who has been in the service of the Chinese Government for many years, chiefly in the capacity of president of the Tientsin University. Under the direction of Doctor Tenney the viceroy has already established more than 3,000 schools of various grades in this province of Chihli. These are exclusive of the schools established in the Peking prefecture. In the old provincial capital, Pao-ting Fu, there are over 2,300 students in the various high schools and academies established there. Pupils in the primary schools are not counted, nor those in the police training school. Among the special schools included are those of law, veterinary surgery, and agriculture.

In the city of Peking there have been established by the local authorities, independently of the viceroy, over 40 schools of all grades—primary, intermediate, academies, and the university (which was established before the "Boxer" folly, but reorganized two years ago), together with special schools of law, foreign languages, police training, and a military school for the sons of nobles.

Probably no other province is abreast of Chihli in education, but very much has been done also in the viceroyalty of Chang Chih-tung (Hupeh and Hunan), in the province of Kiangsu, and Kuangtung. With regard to the second mentioned, there are over 40 Government schools in operation in the city of Nanking, and large numbers also in Shanghai, Soochow, and other cities of the province.

Shantung has at least 100 of the new schools already established, of which 20 are in the provincial capital, Chi-nan Fu.

As stated above, all the provinces of China proper have done something, but it has been very difficult for those far inland to secure qualified teachers. I note, however, that even in far-away Yunan it is reported by the viceroy that a teachers' training school has been established at the provincial capital and two Japanese professors secured for it, who also teach the Japanese language.

Owing to this lack of teachers and the fact that few students are prepared to enter the academies or the university, classes in the courses outlined for the provincial academies and the university are for the present suspended, and the instructors are employed in teaching those branches required in the intermediate and the teachers' training schools.

In regard to the instruction given there are two or three points worthy of special notice. No foreign instructor is allowed to teach his own religious views. This is eminently proper, in view of the fact that the schools are supported by a Government which maintains its own religious establishment. All instruction is to be given in the Mandarin dialect, a most commendable regulation, which in a generation, if carried out, will do much toward removing one of the principal obstacles to national solidarity. In all the coast provinces from Shanghai to the Tonkin border nearly every little district (county) has its own dialect, and these differ so much one from another that natives of the same province can not communicate with each other unless they can do so in writing. Although the curriculum provides for instruction in ethics in all the schools, the regulations call attention to the inadequacy of such instruction (so the ministers of education think) as given in foreign schools. This remark refers to the science of ethics as taught by the Japanese. The authors of the regulations do not believe that ethics can be taught so as to influence conduct unless based upon the sacred scriptures of China.

The last point to which I would call attention is that military drill is required in all the schools, and a uniform is to be adopted for all students. The Chinese civilian has in past centuries been taught to despise the soldier and the art of war, but efforts are now being made to cultivate a martial spirit. There have been military and naval schools for some years in each province, two grades of military and two of naval schools, and in Peking an imperial military college and an imperial naval college, students for which will be supplied from the provincial schools just named. This plan is in abeyance for the present, and to supply the military instruction needed all students will be required to drill, and on reaching the provincial academy will have instruction in military regulations and military tactics, while those who enter the department of law in the university will have special courses in military government.

The discipline of the students is, theoretically at least, very strict. Among other prohibitions they are forbidden to smoke opium, and they are not allowed to interfere in any way in matters that concern the Government. There is reason to fear that the former will not be observed.

One matter of great importance under consideration at present is that of providing the necessary funds for the support of the schools. The regulations require the hsien (county) authorities to provide the primary schools, and it is suggested that in most places there are common funds belonging to the people which, with the consent of their elders, might be devoted to the support of these schools. Such funds are those for village free schools of the old type, for village theatricals, sports, and the support of certain benevolent institutions. It is further suggested that certain temples and clubhouses may be used for school buildings. With respect to the temples, many of them are endowed with lands which furnish revenues for the support of the monks and the maintenance of the sacrifices. One of the reform edicts of 1898 provided for the confiscation of certain classes of such temples for the support of the schools, and this created great disaffection. On the approval of the present regulations steps were taken in some of the provinces, particularly in Fukien and Kuangtung, to compel the monks to surrender their property. To avoid doing so a number who had an inkling of what was coming disposed of their property to Japanese Buddhist monks, who could not be compelled to yield to the demands of the officials. This led to an imperial edict forbidding the local authorities to coerce the monks.

For the support of the intermediate schools and academies it is more difficult to find funds. I have already noticed the suggestion that the funds for the old examination system be devoted in part to this purpose. Another plan is that adopted by the viceroy of this province. He has already secured the sanction of the Throne to the levying of a special tax upon deeds for the transfer of real estate. This amounts to 4.9 per cent of the purchase price, of which 3.3 per cent shall be devoted to primary education and 1.6 per cent to the intermediate schools. Two days ago it was decided that henceforth, for three years, no vacancies in the 24 banner corps shall be supplied, and the funds thus saved shall be devoted, one-half to the support of the regular school system and one-half to the support of the proposed military and naval schools. It was also decided to gradually abolish the eight divisions of palace guards, an obsolete organization no longer of use, the funds thus saved to be also applied to educational purposes. The old examination hall in Peking is to be occupied by the military college.

One serious defect in the system remains to be pointed out: No provision is made for the education of girls, except in the kindergarten.

The regulations say that there are many difficulties in the way of the education of girls in China, and that very little can be done for them at present.

There are many high officials who do not agree with this statement of the authors of the regulations. One such high official is Tuan-fang, the governor of Hunan, now on his way to the United States to study our institutions. During his recent visit to Peking he had audience of Her Imperial Majesty the Empress Dowager and laid before her the importance of establishing girls' schools. Her Majesty was much impressed, and at once issued an edict directing that a large abandoned lamasery in Peking should be converted into a girls' college. This has not been done as yet, but several of the princesses, encouraged by this action of the Dowager Empress, have undertaken, without any aid from the state, to establish a number of girls' schools in Peking. At least one of these is absolutely free and is conducted in the residence of Tuan-fang, which is given for a merely nominal rent for this purpose. Others charge a small tuition and are attended by girls from noble families. Some of the princesses have opened schools in their own palaces for their daughters and their relatives. A few Chinese women teachers have been secured, some of them former students in the mission schools. But the new branches, such as arithmetic, geography, foreign history, and the Japanese language, are taught by Japanese ladies, who are giving their services without charge. Besides the branches mentioned, the curriculum embraces music, drawing, dancing, calisthenics, needlework, Chinese reading and writing, physiology, hygiene, physics, natural history, and nursing.

All pupils are required to unbind their feet and are not allowed to paint, powder, wear jewelry, or expensive gowns. They must wear their hair in a braid or plain coil and must dress in a plain blue gown, the only ornament being the rosette which indicates the school to which the pupil belongs. Similar schools have been opened in Tientsin, Chinan Fu, Shanghai, Chinkiang, Nanking, Soochow, Hangchow, and Hankow. I have seen no reports from other places, but the movement appears to be very general and is the most interesting feature in the present situation, though wholly independent of the Government. In all these schools Japanese women appear to be the main reliance so far as teaching is concerned.

The missionaries with whom I have discussed the matter seem for the most part to fully appreciate the significance of the educational reforms and rejoice in the prospect of a better condition of society in China. Some, however, look askance at the new school system and seem to think that it will mean a great loss of influence for the missionary, whose pupils will probably desert him for the Government school. I am glad to say that this feeling appears to be shared by very few. The missionaries have every reason to be proud of their past record as educators in China, for although their influence has been indirect the present movement owes very much more to them than appears upon the surface. It is quite true that the importance of their schools will probably lessen with the passing years unless arrangements can be made to admit their graduates to the examinations for official posts, but these schools will always have their special work in preparing men and women for the service of the church, and for many years to come they must probably be depended upon very largely for the needed supply of Chinese instructors in modern branches of learning.

In this connection it may be of interest to furnish some statistics which will show, in a measure, the nature of their work. The latest general report of all Protestant missions in China is dated 1896, and at that date these missions supported for males 747 primary schools, with 11,817 pupils; 45 secondary schools, with 1,539 pupils, and 32 colleges, with 1,224 students; and for females, 225 primary schools, with 4,262 pupils; 69 secondary schools, with 2,096 pupils, and 14 colleges, with 416 students, or a total of 972 primary and 114 secondary schools and 46 colleges, with a grand total of 21,354 pupils and students. By a comparison of recent reports of certain missions with those of a few years ago one must conclude that to allow for an increase of 50 per cent in the number of pupils during the past ten years is a very modest estimate, for a great impulse has been given in educational work since 1900, so that we are safe in reckoning an enrollment of some 30,000 students in connection with Protestant mission schools at present.

I have not been able as yet to obtain any general statistics of Roman Catholic work in China, but the report of the North Chihli Mission of the Lazarists for June 30 last gives the total number of schools in this diocese as 1,474, with a total enrollment of 27,054, about equal to the whole Protestant work in China. If we estimate the total number of pupils in Catholic schools in China at about 500,000 we shall probably be not far from the actual number.

Catholic schools for the most part appear to give an elementary education, supplemented for the ordinary pupil by an industrial course and for the native priest by a course in theology. Protestants appear to give more attention to the higher education.

I have the honor to be, sir, your obedient servant,

E. T. WILLIAMS, Chinese Secretary.

#### SUPPLEMENTARY.

Since writing the above I have received a very interesting letter from Dr. C. D. Tenney, president of the Tientsin University and provincial superintendent of education for Chihli. I append his statistics for this province, calling attention to the fact that the schools which I have called "kindergartens" are classed by him as "primary," and those which I have called "first" and "second grade primaries" are listed as "higher" and "lower grade elementary" schools.

Educational statistics for the province of Chihli.

Institution.	Number.	Pupils.
Primary schools. Lower elementary schools. Higher elementary schools Middle (intermediate) schools High school (academy). Provincial university (Tientsin).	$2,480 \\ 124 \\ 124 \\ 16 \\ 1 \\ 1 $	72, 120 6, 200 6, 200 960 320 200
Total	2,746	86,000

It is to be noted that the Tientsin University existed before the new system was inaugurated, and that several such colleges have been established in various parts of China, which are no doubt to be affiliated with the new system. The above figures do not include schools in the prefecture of Peking, which are under the metropolitan and not the provincial administration.

E. T. W.

IMPERIAL EDICT OF DECEMBER 6, 1905, ORGANIZING THE BOARD OF EDUCATION.

#### [Translated from the Peking Gazette.]

We have to-day received a joint memorial from the council of state (or bureau of national administration) and the minister of education, reporting upon the suggestions of Pao-hsi and others. Some time ago we issued an edict -abolishing the system of examinations, and it is most urgently necessary that something be done to encourage education so as to develop the talents of men. At present the various provinces are gradually establishing the new schools, and there must be an office that shall have general control of the system and be responsible for the standard set and the direction of the course of study. Therefore we establish the board of education, and Jungch'ing is hereby transferred to be president of the same. The first vice-president shall be Hsi-ying, and the second class Hanlin compiler, Yen-hsiu is appointed acting second vice-president of the board of education with the rank of an expectant metropolitan official of the board of education with the rank of an expectant metropolitan ometal of the third grade. The Imperial Academy of Learning, known in ancient times as the "Ch'eng Chün" (i. e., a place where learning is completed) was originally the highest institution of learning. Let all matters pertain-ing to said institution henceforth be under the control of the board of education. As to matters not yet settled, let the aforesaid president and vice-presidents consult together and devise satisfactory arrangements and vice-presidents consult together bet into hear of the program. report to us. As the said board has but just been established, the commencement of such a work as the encouragement of education and the cultivation of talent is a most important one and the greatest care must be exercised in investigating the subject, and extra attention given to strengthening the system of education in the hope that encouragement of genuine learning and the cultivation of useful talents may fulfill the purpose of the court to establish schools for the improvement of social conditions, the civilization of the people, and the perfection of their customs.

As for other suggestions made, let them be carried out as proposed. Respect this.

## CHAPTER XIII.

## REPORT ON EDUCATION IN ALASKA.

DEPARTMENT OF THE INTERIOR, BUREAU OF EDUCATION, ALASKA DIVISION, Washington, D. C., June 30, 1905.

SIR: I have the honor to submit my twentieth annual report as United States general agent of education in Alaska, for the fiscal year ending June 30, 1905.

During the school year, outside of incorporated towns, there have been maintained 51 public schools with 62 teachers and an enrollment of 3,083 pupils.

#### SOUTHEAST ALASKA.

Haines No. 1.—Miss Amy S. Gaddis, teacher; enrollment, 28; pupils, white. Haines No. 2.—Miss Mary Mackintosh, teacher; enrollment, 44; pupils, native. A letter from the teacher states that the children had improved in their personal appearance so much that they could hardly be taken for natives. Native families remained at Haines all the spring for the purpose of keeping their

children at school. The girls have been taught needlework.

*Hoonah.*—Miss Minnie S. Ross, teacher; enrollment, 174; pupils, Thlinget. As illustrating the civilizing effect of the school, the teacher states that on Christmas eve exercises were held in the church and there were recitations and singing by the children. She says that the children are bright and eager to learn, and can be more easily led by kindness than compelled by punishment. Their main fault is in not being punctual. They are passionately fond of music and are willing to attend school for the sake of the singing. The boys are good in arithmetic, while the girls prefer reading and writing.

Jackson.-Miss Byrde Darby, teacher; enrollment, 53; pupils, native.

The teacher writes that the native children at this place are slow in acquiring English, as they hear it only at school. They are sensitive and proud. The school work is not far advanced, being confined to chart, primary, and intermediate classes. The children are quick in elementary arithmetic, but slow in forming sentences on account of their limited vocabulary. The parents were desirous of having their children go to school.

Kake.--Mrs. Anna R. Moon, teacher; enrollment, 95; pupils, native.

There is the same complaint of irregularity in attendance here that is met in the other reports from Alaska—due to the boys joining their fathers in their avocations of hunting, fishing, etc. The teacher speaks of the ambition of some of the young men who are not satisfied to know only reading and writing, but desire to pass on to other studies. The girls are taught needlework, knitting, basket making, etc. School opened with only 8 pupils.

Kasaan.—Arch R. Law, teacher; enrollment, 49; pupils, native.

This report states that the attendance was regular after the school had fairly started, the parents fully and heartily supporting the teacher in this respect, as they desired their children to go to school as much as possible and regretted the necessity of taking them away on fishing trips. At the close of the third year the children could all speak English fairly well and understood it perfectly. Their composition was naturally limited in scope of ideas and expression. A number of the girls had been to the industrial school at Sitka. The effect of attending the training school and the missions is very apparent in the comparative refinement shown in the houses of the natives whose children have had the advantage of those schools. Moreover, the natives are beginning to appreciate the school training as a preparation for the increasing competition with the whites. Mr. Law says that already there are school-trained natives who are prepared to compete on an equality with white men in the occupations that can be followed in the region about Kasaan. The education of the young natives should therefore have a practical industrial turn, and above all must inculcate deliberate perseverance.

Killisnoo.—Mrs. Catherine Kilborn, teacher; enrollment, 94; pupils, native. No report.

Klawock.—Miss Nell G. Edgar, teacher; enrollment, 70; pupils, native. No detailed report.

Klinguan.-Samuel G. Davis, teacher; enrollment, 36; pupils, Hydah.

A letter mentions the fact that a night school was kept five nights in the week for the parents and young men. Those who attend this school take an interest in the day school and desire to have their children attend it. The older natives are indifferent to the school.

Klukwan.-Miss Thena A. Brookman, teacher; enrollment, 36; pupils, native.

The teacher reports that most of the children were away with their parents the greater part of the year, either at Sitka or hunting and fishing, so that the attendance was small. She writes that the children learn remarkably well, and if their parents could be persuaded to leave their families behind when going on expeditions there would be some hopes of a native population growing up which could speak English.

*Petersburg.*—Mrs. J. V. McCullough, teacher; enrollment, 54; pupils, white and Thlinget.

This is a fishing community, and many of the children go to school by boat. Both boys and girls learned needlework and knitting, the latter art being important in the fishing industry. The school sent an exhibit to the Portland fair. The teacher remarks upon the difference between the native idea of color and that of the whites. The natives would imitate correctly the colors of a landscape, etc., set them as copies, but when left to themselves would add colors of their own to trees and flowers without any regard to nature, but more like conventional colors which may have some significance to them.

Saxman.—Mrs. John L. Myers, teacher; enrollment, 63; pupils, native. No detailed report.

Shakan.—Fred Chase, teacher; enrollment, 44; pupils, native.

The teacher says that the children understood and talked English a little among themselves. Some of them could read the hymns at the religious exercises. They voluntarily kept the schoolhouse clean, washing and scrubbing it out about once a month.

Sitka No. 1.—D. M. Daum, Miss C. Duncan, and Miss R. McCaleb, teachers; enrollment, 89; pupils, white.

Mr. Daum reports that during the year the school was placed, so far as possible, on a graded basis. At the beginning of the year a high school was organized with a three-years' course, and 8 pupils in the first year, 2 in the second, and 2 in the third. The course of study included Latin (three years), algebra, physical geography, general history, literature, plane geometry, rhetoric, composition, and German. Exercises in debating and parliamentary law were also held.

Miss McCaleb writes: Many of the children are very deficient in numbers, writing, spelling, and the correct use of the English tongue. During the year special effort has been made to remedy this defect and the effort has been, in a measure, successful. Tardiness and nonattendance are bugbears which confront the teacher and interfere with efficient work. There are many outside attractions (such as church holidays, potlatches,<sup>a</sup> etc.) which appeal to the mind of the Alaskan small boy, and girl as well. However, during the Russian lenten season the average attendance was in no way reduced.

The pupils yield quite readily to authority, and at no time, to the knowledge of the teacher, has her right to discipline been questioned. Much of the trouble along all lines is due to habits of carelessness acquired by the children, not only since babyhood, but by way of inheritance. When this is educated out of them many other annoyances which face the teacher will cease to exist. Taking everything into consideration, the year's work has been one of progress, and the outlook, so far as the children are concerned, is encouraging.

Sitka No. 2.—Miss Jeannette Rice, teacher; pupils, Thlinget; enrollment, 60. The attractions of fishing and hunting and the indifference of parents, besides several epidemics, interfered disastrously with the attendance. Nevertheless, the testimony of the teacher is that the native children are naturally bright and able to learn. They like music and learn to sing by note; some learn to draw readily. The few who attended steadily learned to read simple English.

Tee Harbor.—H. de Witt, teacher; pupils, native; enrollment, 15.

Yakutat.—E. A. Rasmusson, teacher; pupils, native; enrollment, 52.

At this place the teacher makes the usual complaint of irregularity in attendance. The natives support themselves by salmon fishing and seal hunting most of the year and take their families with them. The pupils who attended regularly made good progress. The children here, as in other schools, take part in the daily devotional exercises. The teacher makes this noteworthy remark, that some of the former pupils of the school, now grown up, are successfully supporting themselves at different avocations, as fur buyers, clerks, interpreters, some even having stores of their own.

### WESTERN ALASKA.

*Afognak.*—Teacher, Miss Hannah E. Breece; pupils, native; enrollment, 102. The teacher describes the hostility between the Aleuts and mixed bloods and whites. Quarrels, vituperation in Russian, and disorder were the rule at the opening of the year, both in the school and on the street. This was all changed in a few months, and the excellent conduct of the school pupils became a subject of remark in the town. At the beginning of the year no young man in Afognak could read or write or converse in English. Before the year was out, what with the day school and the night school, many could read English. The natives are beginning to see the desirability of knowing English instead of Russian. Miss Breece taught the girls housekeeping, cooking, etc., and the social side of life was cultivated by evening exercises (singing). The ladies of the Baptist home missionary societies of the United States sent books, pictures, cards, etc., which have contributed to giving an air of refinement both to the school and to the dwellings of the natives.

<sup>a</sup>A native entertainment.

ED 1905-vol 1-21

Carmel.—Joseph Kahlen, teacher: pupils. native; enrollment, 35. No detailed report.

Chignik.-James J. Potter, teacher; pupils, half-breeds; enrollment, 20.

School opened with 7 pupils and eventually increased to 20, mostly halfbreeds. All started with the primer and made good progress; arithmetic and spelling offered more difficulties than reading and writing. Attendance could be increased if the parents could be interested.

Copper Center.—Mrs. G. S. Clevenger, teacher; pupils, native; enrollment, 25. The work of the school not only covered the routine work of the primary grades of the public schools, but also took a practical direction, the women being taught to make figures for bead work, cut and make garments, etc., while the young men were taught to make change in small currency and to compute the sale of skins and write their names. The children learn as readily as white children and are obedient and yield to kindness readily.

Ellamar.—Miss Mary Owen Stevens, teacher; pupils, white; enrollment, 20.

Half the school population are half-breeds. The teacher finds that neither whites nor half-breeds do well in the same school with the full bloods, and she criticises the intellectual capacity of the half-breeds, remarking that they have difficulty in expressing themselves in English and have no conception of number and no power of concentrating their thoughts.

*Hope.*—O. L. Grimes, teacher; pupils, white, half-breed, and Indian; enrollment, 15.

The subjects taught in this mixed school of white, half-breed, and Indian children were reading, writing, spelling, English, geography, arithmetic, grammar, drawing, temperance hygiene, and United States history. The natives learned English partly from the white pupils on the playground; they made more progress in writing and drawing, being strongly imitative. Their teacher, like several others, insists upon the desirability of a compulsory school law to correct the irregularity of attendance.

Kenai.—Mrs. Florence C. Craigie, teacher; pupils, native and creole; enrollment, 15.

The teacher reports little progress with the natives, owing to their irregular school attendance and the difficulty they experienced in learning English after having learned Russian.

*Kodiak.*—Mr. and Mrs. C. I. Kerr, teachers; pupils, white and native; enrollment, 72.

Seldovia.—Herbert S. Farris, teacher; pupils, white and native; enrollment, 15. The teacher states that there are nearly 50 children of school age in Seldovia, while only 5 or 6 attended school on an average. They are described as attentive, easily disciplined, and interested in their work.

Seward.—Louise L. Kurtz, teacher; pupils, white and native; enrollment, 37.

The teacher reports that there were only three natives under her instruction two small girls and a boy of 17—all the rest being white. At the close of the year they could read, write, spell, add, subtract, multiply, and divide. The boy was in higher fractions, had read some history and could read English with ease. He could write English compositions, draw, and construct maps and charts.

Unalaska.—Teachers. William A. Davis and Mary S. Davis; pupils, native; enrollment, 51.

The report mentions particularly the progress in sewing by the girls and in drawing and penmanship by both girls and boys.

Unga.—James C. Patey, teacher; pupils, white and native; enrollment, 31.

The report states that "some of the pupils are quick to learn, easy to get along with, and willing to obey. Most of them are quite desirous of learning. They are especially interested in reading good biographies."

Christmas and Washington's Birthday-were celebrated with songs and speeches, as at most of the schools. At Unga the parents were apathetic in regard to the schools. They said that it required no learning to enable them to catch cod or hunt sea otter or reindeer.

Wood Island.—Augusta G. Curtis, teacher; pupils, native; enrollment, 50.

The teacher reports that at the close of the year several pupils of the lowest grade were ready for the second reader and the primary arithmetic. All had learned to write, while a few could write letters. Grades three and four took up advanced studies, viz, geography, hygiene, history, and language lessons. Prizes were given at the monthly examinations, and the pupils looked forward to them as important events.

### ARCTIC AND NORTHERN ALASKA.

Barrow.—S. R. Spriggs and John H. Kilbuck, teachers; pupils, Eskimo; enrollment, 76.

"The main object kept in view was to get the children in the way of using the English they had already learned. As this is an Eskimo country, and the few white people in it speak the vernacular language, the children have had very little use for English. The plan of the compulsory use of the English language in the schoolroom was introduced and proved to be quite a stimulus to the acquirement and proper use of English words. A failure to conform to the rule was punished by standing. When the rule was first put into force, nearly the entire school was upon its feet at once." Mr. Kilbuck writes of the trouble the children find in distinguishing between the consonants b, v, p, and t and d. Some of the more advanced pupils kept up their study and practice of English by writing a diary. A marked difference was noticed in the mental activity of the scholars during the sunless period, when the rooms were lighted by artificial light, and the time when the sun appeared, to dispel the gloom of the arctic night. "Another difficulty is the inability of the little Eskimo to study quietly. When they are studying the hardest the din rises almost to the proportions of that heard in a boiler maker's shop. It seems that only in this way can the white man's words be driven home to stay in the Eskimo mind. \* \* \* The school year was closed when several whales were caught. Then everybody, young and old, plunged into freighting meat and blubber ashore. This is the work of the women and children, and secures meat and oil for the family during the next year." Teacher and pupils are eagerly looking forward to the use of a new building next term.

Bethel.—Teachers, Joseph Weinlick and B. K. Helmick; pupils, Eskimo.

The industrial teacher at this place, Mr. B. K. Helmick, reports that the native boys are more or less fond of working with the saw, hammer, plane, etc., and make good progress. The branches taken up are machinery, use of tools, carpentering, boat building, net making, and fish canning.

The school-teacher reports that the boys are quick in comprehending things, but the girls are slow. The majority of the pupils wrote a nice hand and read fluently. In arithmetic, division is very difficult for them to understand, and in composition their range of thought is limited to hunting and fishing.

Bettles.—Mr. and Mrs. D. W. Cram, teachers; pupils, Indian and Eskimo; enrollment, 68.

Bettles is situated midway between the fishing grounds on the south and those on the north. It is thus the meeting place of both tribes, Koyukuks and Kobuks, when the ice breaks up so as to permit fishing. However, just to live is a very serious problem to the people, and they can spare little time for even the children to go to school. During the Christmas season both tribes had a grand celebration, which lasted just as long as the provisions on hand. Council City.—Mrs. M. B. Young, teacher; pupils, native; enrollment, 55. (No detailed report.)

*Deering.*—Mrs. Anna H. Foster, teacher, assisted by Miss Bertha Cox; pupils, Eskimo; enrollment, 88.

The reports from Deering have been very encouraging. The natives had a successful season of hunting and fishing, and took a great interest in the school. This interest was increased by the erection of a new school building and the arrival of a reindeer herd. The following quotation from a letter written by Miss Cox will show how some of the industrious young Eskimos spend their summer vacation:

"Some of the boys told me the other day that they were working now to get means so that they could go to school. One of them has been doing laundry work all summer. Another has been hunting game, and also has about 300 eggs put away to sell. The girls do washing and all kinds of cleaning for the whites. Some of them are now cooking for the Eskimo workmen. They make fairly good bread."

Gambell (St. Lawrence Island).—E. O. Campbell, M. D., teacher; pupils, Eskimo; enrollment, 67.

Doctor Campbell writes: "The average attendance for the year was 61, more than treble the attendance in 1900. We have pursued the same policy of making the school the most attractive place to be found on the island. The magazines you have sent dia most excellent service, and we trust you have sent a fresh supply for the coming winter. Many of the illustrations were used in teaching new words and have been the cause of many questions."

Golofnin.-Miss Anna Hagberg, teacher; pupils, Eskimo; enrollment, 84.

The teacher reports that the attendance was good and the children willing to go to school. They are fond of music. It is noticeable that at this place, when the natives went away to hunt, many of them arranged to leave their children who were attending school with other families, so that their studies would not be interrupted. The girls were taught housekeeping and sewing and the boys practical hand work. Many native children, who came from distant places during the winter, had to be sent back for want of accommodations.

Ikogmute.--F. F. Fellows, teacher; pupils, native; enrollment, 31.

The school room of the Russian Church was used for the Government school. The natives learned to speak English a little and understand more during the year's schooling. The teacher regards the learning of Russian by the native children as detrimental to their English education, "as they are not capable of handling more than one language."

Koserefsky.—A. J. Markham and Miss Mary Winifred, teachers; pupils, native; enrollment, 104.

The attendance at this school has been remarkably regular all through the year. There was not one case of illness among the school children throughout the whole year. "The boys' school is divided into the American and the English side, each side having its own flag and each pupil pitted against one of the other side. Every Friday is flag day, when the errors of both sides are counted up, and the side having the least number of errors captures the flag of the other side." While on the school ground each pupil is constantly on the watch to catch an opponent in some error, for each correction counts as a point against the other side. This plan keeps up a good spirit of rivalry, stimulating the whole class to do its best. Several public entertainments and the formation of a cadet company have increased the success of the school work.

Kotzebue.--Mrs. Otha Thomas, teacher; pupils, Eskimo; enrollment, 164.

From a table in the report it appears that reading, writing, spelling, and arithmetic were the studies having the greatest number of students, while language,

grammar, and history had the fewest. But the interest in the school and eagerness to learn, which were mentioned in the report for 1904, still continue. In some cases pupils would take books to their distant homes, and on returning several weeks later give evidence that they had been studying. Some pupils came 150 miles to attend school, and even children of bands temporarily camping in the neighborhood attended school.

Nulato.-Miss Mary Stephen, teacher; pupils, native; enrollment, 40.

The teacher says: "School began August 7 with an attendance of 30, and continued till September 7, when almost all left with their parents for the autumn fishing grounds and did not return until November 15, when I again resumed teaching." The children are "smart and intelligent, and like to attend school even against the wishes of their parents." They excelled in arithmetic, writing, and drawing.

Quartz Creek.—Mrs. L. Reed, teacher; pupils, Eskimo; enrollment, 30.

*Quinhagak.*—Mrs. L. A. Schoechert, teacher; pupils, native; enrollment, 28. (No detailed report.)

*Rampart.*—Miss Emily B. Parke, teacher; pupils, white, half-breed, and Indian; enrollment, 38.

As both Indians and half-breeds spoke only the native language, it was difficult at first for the children to acquire a sufficient English vocabulary to enable them to form sentences, and the pronunciation of English presented many difficulties. The teacher adds: "My experience in teaching has been wide and varied, and I have found these native children of the Yukon country quite as apt at learning as the average class of white children in the States. They are imitative and learn to write and draw readily. They are fond of music and have good voices and keen tone perception. At number work they seem rather slow." That the children are docile is remarkable, considering the evil home surroundings of many of them.

St. Michael.-V. L. Derby, teacher; pupils, Eskimo; enrollment, 74.

*Teller.*—Ludvig Larson, teacher; pupils, Eskimo and half-breed; enrollment, 23.

The branches taught at this school were reading, spelling, language lessons, arithmetic, geography, writing, drawing, religion, and singing. The teacher observes that the natives quickly learn to read fairly well, but have difficulty in understanding what they read. The pronunciation demands so much attention that their minds are diverted from the meaning; even when they know the meaning of the separated words they are unable to grasp their relation. They understand what they hear better than what they read, but can express themselves in writing better than orally. They commit to memory readily and quickly learn the operations of arithmetic, but have difficulty in applying them to the solution of problems. They have good powers of observation, and many of them have a talent for drawing. As pupils, the native children are easily managed and generally industrious. The boys perform the out-of-door labor about the station, while the girls do general housework, washing, sewing and mending, cooking, etc.

Teller City.-E. D. Orbell, teacher; pupils, white; enrollment, 23.

*Unalakleet.*—Miss Hannah E. Olson and Misha Ivanoff, teachers; pupils, Eskimo; enrollment, 261.

The studies in the advanced department were reading, spelling, arithmetic, geography, United States history, physiology, temperance hygiene, vocal music, drawing, writing, and sewing. There was an evening school attended by adults as well as boys and girls. The pupils take great interest in learning the white people's way of doing things they already know about, e. g., sewing, and they learn readily. The teacher reports that the studies in which they made most progress were reading, language, arithmetic, drawing, and writing. The pupils are encouraged in writing by corresponding with other schools.

The primary department reports especial progress in reading, spelling, and arithmetic. Both schools have devotional exercises in which the pupils take part.

*Wales.*—A. N. Evans, teacher; pupils, Eskimo; enrollment, 108. (No detailed report.)

Yukon.—Frederick E. Willard, teacher; pupils, Indian and white; enrollment, 24.

The teacher reports that the children and their parents soon lost interest in the school after the novelty had worn off, and it required the exhortations of the Indian minister and the command of the chief to induce the children to attend. The children accompanied their parents on their annual hunting trips, and the teacher visited the camps and taught the children there. He visited one camp 36 miles distant a number of times, going one day and returning the next. He says that the Indians are inferior to the Thlingets and Eskimos of the west coast, but he cites exceptions.

# REPORT ON EDUCATION IN ALASKA.

Ĩ	1904-5.	.tnamlorn3	68 69					53	44 28	174	80	10	95	49 36	26 SE	$\frac{44}{54}$
	190	.tdgust sdtnoM	66					6	66	0	1-0	00	6	0 0	σνονο	00 00 10
-	1903-4.	Enrollment.	69 110					53	53	100	55	298 298 208	95	8 8 8	45	
	19	.tdgust sdtnoM	5.0					o,	6	80	6	מ מ מ	6	0 O	6 h-	
	1902-3.	Enrollment.	68 127				54	222	53	108	56	383	96	8 <del>4</del> 9	120	
1.	19(	Months taught.	66		÷		0		6	6	91	- 6 6	6	<u>6</u> 6	6	
	01-2.	Enrollment.	56 135 131		62		77	44 63	51	190	17	40	83			
	1901	.tdgust sdtnoM	666		2		0	000	6	6	6	7	4			
oils.	1900-1901.	Enrollment.	*48 131	75	95 37		148	80	46	121	99	69	80			
Ind	1900	.taugust satnoM	∞ ∞	6	00 00		6	00	r-	90	1-	5	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	: :		
nent of	1899–1900.	Entollment.	47 184	96 20	100	110	114	51	64	125	76	61	823			
nllo	1899	Months taught.	66	66	× 0		00	6	80	6	6	×	104		::	
und em	1898-99.	Enrollment.	$^{31}_{175}$	74 71	28 28	001	80	67		126	62					
rm a	189	.tdgust sdtnoM	66	66	60		- 6	6		60	0			: :		
lool ter	1897-98.	Enrollment.	$^{42}_{170}$	72 40	46 25		71	121	46	141	63					
f scł	189	.tdgust sdtnoM	or∞	66	60	÷	6	6	5	6	8					
Length of school term and enrollment of pupils.	1896-97.	Enrollment.	$^{39}_{154}$	86 70	75	3	64	84	68	120	75					
Ľ	189	.tdgust sdtnoM	66	66	1~ X		6	6	6	5	~	::				
	1895-96.	Enrollment.	$^{40}_{156}$	70 67	57		82	64	60	144	31					
	189	Months taught.	66	66	6		6	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	00	on	1-	: :				
	1894-95.	.tnamuorni.	57 180	54 50	42	26	61	80	64	105		50				
	189	.tdgust sdtnoM	66	6	6	2	8	-1	6	y		2		1		
	1893-94.	Enrollment.	43 110	$25 \\ 65$	30	87	54	90	41		, k	c)				
	189	Months taught.	1 6	66	6	6	6	8	6			° :		::		
2	1892-93.	Enrollment.	50 48	23 61	13	108	49	82	54		101	151				
	189	Months taught.	66	66	00	6	6	6	6		<	ה <del>:</del>		: :		
	-	Schools.	SOUTHEAST ALASKA. Sitka: No. 1 (whites) No. 2 (matives) Industrial.	Juneau: No. 1 (whites). No. 2 (natives).	No. 1 (whites)	Douglas (matives)	Wrangell (whites and natives)	Natives. Jackson (natives)	No. 1 (natives)	Hoonah (matives)	Saxman (natives)	Killisuoo (natives) Klawock (natives) Gravina. (natives)	Dyea (whites) Kake (natives)	Kasaan Klinquan	Yakutat. Klukwan	Shakan (natives)

Historical table-Statistics of public schools in Alaska, 1892 to 1905.

275

1892-93.	+quire + oq + ao M		
1893-94.	Months taught. Enrollment.	9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	7 30
1894-95.	.ingust saitnoM	თი თი	-100
	Enrollment.	33.60 33.56 39.00 33.60	228
1895-96.	Enrollment.	273344 3949 908	9 9 9 556 56 104
1896	.tágust sátnoM	თ თ <b>თ</b> თ	80400
1896-97.	Enrollment.	22 28 28 28 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	43.66.53 43.66.53
1897-98.	.tdgust sdtnoM	ଚଚର ଚଚ	66
. 1	Enrollment. Months taught.	680 55.92	50
1898-99.	Enrollment.	8 8 7 7 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	8 70
. 1899	.tágust sátnoM	۰ ۵ ۵۵ ۵۳ ۵۳ ۵۳ ۵۳ ۵۳ ۵۳ ۳۰ ۵ ۵ ۵ ۵ ۵ ۵ ۵ ۵ ۵ ۵ ۵ ۵ ۵ ۵ ۵ ۵ ۵ ۵ ۵	
896-97.   1897-98.   1898-99.   1899-1900.   1900-190	Enrollment.	68 61 76 	50
1900-1901	.tdgust sdtnoM	۳ ۵۵ ۵۵ ۵۵ ۵۵	00 00
1.	Enrollment.	107         9           43         95         11           95         10         95	63 30 30 30
1901-2.	Enrollment.	9 9 9 322 9 9 322 11 27 27 33 39 56 33 39 57 4 5 5 5 5 5 5 5 5 5 5 5 5 5	9 59 59 9 119 9 82 9 82 9 82 9 82 9 82 9 82 9 82 9 8
19(	.tdyust sdinoM	ooo oo oaa	o oo ooo oo
1902-3.	Enrollment.	47 35 90 33 33 33 33 33 33 33 33 33 33 33 33 33	77 78 19 19 19 19 143 29 25
1903-	.idzusi edinoM	თ <i>დ</i> თთთთ თ <i>დ</i>	
-4.	1	15 23 992346	61 [6]552 878 <u>1</u> 3
2-3.   1903-4.   1904-5.		<i></i>	× 55 5 55

Historical table-Statistics of public schools in Alaska, 1892 to 1905-Continued.

EDUCATION REPORT, 1905.

261	30	55	8	28	68	88	31	40	38	65	24	3,083
<u>о</u>	9	1-	ۍ	œ	ۍ ا	<u>в</u>	×	<u>в</u>	ۍ	<u>в</u>	6	
134	51	40	8	53								2, 257
<b>б</b>	1-	-	٥	6				1	1		-	
60					-							2,108
 		-			:	;	:	:	:	:	;	5
		+	-	-		-		:		+	+	
ł	ł			4			:	-	1	1	ł	
	-						-				1	
:				•		;		-	;	;	-	
				ł	-	ł	ł		ł	ł	÷	
	-	-	-	-	1	-	-	-		-	-	
:	-	:	:		;	:		:	:	-	1	
:	-	-		-	-	:		;	1	-	ł	
	ł		ł		ł	-			-	ł	ł	
	ł	ł	:	:	:	-	:		ł	÷	ł	
4		1	4	_	-	_	4	-	-	-		
	-	ł	-	-	1		-	-	ł	-	ł	
ł	ł	-	ł	ł	ł	÷	ł	÷	÷	÷	ł	
-					;	:		;			+	-
_	-	-		-		:		-		-	1	
				ł					1	ł	ł	
:	:	+		+			+	÷	+	+		
:					:						-	
÷	÷	-		ł	ł	÷		ł	ł	ł	ł	
:	:	;	;	-	;	-	:	-	Ì	:	Ì	
+				-			:	+			+	
÷	÷	-	:		:	1	-	÷	ł	ł	ł	
:		;	Ì	:		:	-	-	1	-	Ì	
:	;	:	:	:	:	:				-	;	
							1		:	ł		
		-	:	-	-	-		-		-	1	
			;	;	;	;	;	;	;	;	÷	
-	-	1		:			:	:	:	:	1	
			ł	1	-	1	-	1		-		
-	-					-		ł	ł	ł	÷	
ł	-	-				1		ł	es) -			
-	-	-	-	-	-	-		-	ativ	-	-	
			-			-	;	-	d ng	:	-	
		Council City.	-	Quinhagak.			res).	-	s an		-	rotal
		-		;	(ves)	ives	ativ	ves)	hite	:	ves)	-
et	Ireel	City	-	ak.	nati	(nat	e (n	nati	t (w	ght	nati	tal.
akle	tz (	cil (	el	hag	es (	gu	mut	to (	part	IWF	() uc	To:
al	ar	П	ġ.	H	t	E	60	3	E	Н	¥	

				19	04.				19	05.
School.	Septe	mber.	Octo	ober.	Nove	mber.	Dece	mber.	Jan	ıary.
	To- tal.	Aver- age.	To <del>-</del> tal.	Aver- age.	To- tal.	Aver- age.	To- tal.	Aver- age.	To- tal.	Aver- age.
Southeast Alaska.										
Haines: Whites			21	17	20	13	17	15	19	16
Natives	24	11	26	12	31	20	32	30	29	19
Hoonah (natives) Jackson (natives)	37 20	10 6	96 37	19 15	101 40	$     40 \\     24 $	61 43	27 24	89 34	20
Kake (natives)	11	8	43	19	73	41	88	45	92	5
Kasaan (natives)	21	10	39	26	31	27	32	25	29	2
Killisnoo (natives) Klawock (natives)	42 58	12 20	$\frac{45}{49}$	14 19	$\frac{38}{45}$	$     \begin{array}{c}       14 \\       24     \end{array} $	$\frac{38}{45}$	$     15 \\     30   $	49 42	$\begin{vmatrix} 1\\ 2 \end{vmatrix}$
Klinquan (natives)	9	3	29	21	29	23	34	25	31	
Klukwan (natives)	33	15	28	13	9	6	14	10	20	1
Petersburg (whites and natives)	13	3	21 18	12 7	20 40	12 13	31 38	15 18	29 29	1
Saxman (natives) Sitka:	15	0	10	1 '	40	10	- 00	10	29	1
Whites	36	28	72	55	63	50	61	39	60	3
Natives	32	14	38 22	15 10	29 25	16	49 29	$     18 \\     24 $	28	
Shakan (natives) Tee Harbor (natives)			22	10	25	18	29	24	26 10	19
Yakutat (natives)	28	7	38	10	39	11	40	16	40	1
Western Alaska.										
Afognak (natives)	78	59	79	64	77	63	73	61	77	5
Carmel (natives)	22	13	19	13	22	13	18	12	21	1
Chignik (whites)					9	6	10	8	10	1
Copper Center a (natives) Ellamar (whites)	15	14	15	14	16	15		15	19	1
Hope (whites)			12	10	13	10	13	10	15	1 î
Kenai (whites)		4	9	8	9	8	10	9	12	
Kodiak (whites and natives) Seldovia (whites)	66	63	71	65	69 7	$^{63}_{7}$	68 11	61 8	67 12	5
Seward (whites)			25		24	22	21	18	20	1
Unalaska (natives)	37	30	43	34	46	39	45	41	44	3
Unga (natives) Wood Island (natives)	28 36	$\frac{24}{32}$	31 33	27 30	31 41	$\frac{25}{35}$	28 38	$\frac{25}{29}$	27 32	$\begin{vmatrix} 2\\ 2 \end{vmatrix}$
Arctic and northern Alaska.	1	02	00	00		00	00	20	02	2
Barrow (natives)	34	29	43	25	49	31	54	37	49	
Bethel (natives)		44	43	50	49	57	59	49	49 80	35
Bettles (natives)			12	8	40	8	47	9	12	
Council City (whites and natives)				20	47 33	33 21	37 40	36	23 44	22
Deering (natives) Gambell (natives)			40 66	64	67	62	40 69	25 67	44 70	
Golofnin (natives)	29	25	48	36	59	55	65	60	63	5
Ikogmute (natives)			16		22		26		19	
Koserefsky (natives) Kotzebue (natives)		99 15	99 18	99	99 37	98 22	$100 \\ 50$	97 31	$     \begin{array}{c}       102 \\       61     \end{array} $	10
Nulato (natives)	34	20			26	18	26	18	34	2
Quartz Creek (natives)					24	20	24	18	29	1
Quinhagak (natives) Rampart (whites and natives)	23	13	28	17	19 19	16 12	$\frac{25}{27}$	23 15	$\frac{25}{26}$	1
St. Michael (natives)					61	32	46	22	30	1
Teller Reindeer Station (natives)	23	21	23	17	23	17	23	16	19	1
Teller City (whites) Unalakleet a (natives)	70	45		81	149	133	22 138	17 130	$\frac{23}{137}$	11
Wales (natives)	10	40	72	36	93	46	138	36	98	4
Yukon (natives)		16	19	10	18	10	13	9	6	

Public schools in Alaska—enrollment and attendance during 1904-5.

a School in session July and August, 1904, and July, 1905.

Public schools in Alaska—enrollment and attendance during 1904-5—Continued.

					19	05.				
School.	Febr	uary.	Ma	reh.	Ap	ril.	May.		Ju	ne.
· ·	To- tal.	Aver- age.	To- tal.	Aver- age.	To- tal.	Aver- age.	To- tal.	Aver- age.	To- tal.	Aver- age.
Southeast Alaska. Haines: Whites. Natives. Hoonah (natives). Jackson (natives). Kaskan (natives). Kaskan (natives). Kluibanoo (natives). Kluoquan (natives). Kluoquan (natives). Saxman (natives). Saxman (natives). Saxman (natives). Saxman (natives). Sitka: Whites.	21 27 92 260 27 49 30 33 23 29 17 61	$     \begin{array}{r}       15\\       17\\       33\\       36\\       21\\       15\\       17\\       23\\       14\\       18\\       7\\       46\\       \end{array} $	21 31 75 21 32 24 21 21 27 18 25 21 60	18     19     25     12     21     16     8     13     18     14     12     2     49     49	20 29 55 5 12 19 49 19 30 14 29 	17 16 16 3 9 12 , 14 8 20 8 15 	18 20 63 3 12 16 44 26 27  29  59	16 12 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	15	
Natives	$17 \\ 24 \\ 12 \\ 50$	$9 \\ 11 \\ 6 \\ 13$	$27 \\ 6 \\ 14 \\ 52$	$     \begin{array}{c}       11 \\       5 \\       6 \\       9     \end{array} $	$45 \\ 18 \\ 15 \\ 52$		$     \begin{array}{r}       14 \\       24 \\       15 \\       52     \end{array} $	4 11 8 5	· · · · · · · · · · · · · · · · · · ·	
Afognak (natives) Carmel (natives) Chignik (whites) Copper Center a (natives).	$73 \\ 22 \\ 10$	$\begin{array}{c} 63\\11\\7\end{array}$	$74 \\ 25 \\ 8$	$59 \\ 15 \\ 7$	$76 \\ 17 \\ 15$		71 17 19 25	$55 \\ 10 \\ 16 \\ 5$	 19 22	1
Elfamar (whites). Hope (whites) Kodiak (whites) Seldovia (whites)	$     \begin{array}{r}       19\\       15\\       12\\       58\\       10\\       20\\       44\\       25\\       40\\       \end{array} $	$     \begin{array}{r}       13 \\       11 \\       10 \\       45 \\       7 \\       19 \\       39 \\       22 \\       36 \\       \end{array} $	$20\\13\\9\\25\\43\\25\\40$	$ \begin{array}{c} 16\\ 9\\ 9\\ \\ 19\\ 39\\ 24\\ 35\\ \end{array} $	20 13 13 25 41 20 36	$ \begin{array}{c} 11 \\ 9 \\ 8 \\ 5 \\ 18 \\ 37 \\ 19 \\ 30 \\ \end{array} $	13 12 13 7 25 50 17 39	9 9 11 5 19 47 15 34	10 5 20	
Barrow (natives) Bethel (natives) Bethels (natives) Council City (whites and natives) Deering (natives) Gambell (natives) Kogmute (natives) Koserefsky (natives) Kotzebue (natives) Quartz Creek (natives) Quartz Creek (natives) Quarta Creek (natives) Rampart (whites and natives) St. Michael (natives) Teller City (whites) Teller Reindeer Station (natives) Teller City (whites) Unalakleet a (natives) Yukon (natives)	$\begin{array}{c} 54\\ 80\\ 13\\ 30\\ 42\\ 69\\ 60\\ 23\\ 102\\ 35\\ 18\\ 27\\ 19\\ 23\\ 30\\ 20\\ 20\\ 20\\ 20\\ 124\\ 92\\ 6\end{array}$	$\begin{array}{c} 29\\ 53\\ 9\\ 23\\ 25\\ 65\\ 55\\ 102\\ 22\\ 16\\ 16\\ 16\\ 16\\ 16\\ 12\\ 103\\ 38\\ 5\\ \end{array}$	$\begin{array}{c} 53\\ 80\\ 20\\ 21\\ 43\\ 73\\ 59\\ 23\\ 103\\ 41\\ 19\\ 22\\ 20\\ 21\\ 26\\ 20\\ 176\\ 78\\ 2\end{array}$	$\begin{array}{c} 38\\51\\16\\9\\9\\23\\67\\52\\103\\25\\17\\15\\15\\16\\18\\17\\11\\19\\936\\2\end{array}$	$\begin{array}{c} 46\\ 67\\ 19\\ 31\\ 36\\ 72\\ 56\\ 16\\ 104\\ 86\\ 16\\ 19\\ 16\\ 23\\ 23\\ 19\\ 9\\ 9\\ 67\\ 75\\ 4\end{array}$	$\begin{array}{c c} 29\\ 26\\ 13\\ 16\\ 8\\ 66\\ 49\\ 4\\ 102\\ c\ 46\\ 16\\ 15\\ 14\\ 18\\ 15^{\circ}\\ 15\\ 9\\ 9\\ 46\\ 30\\ 4\\ \end{array}$	$\begin{array}{c} 38\\ 67\\ 27\\ 19\\ 45\\ 71\\ 45\\ 10\\ 104\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	$\begin{array}{c} 15\\ 20\\ 22\\ 5\\ b 19\\ 66\\ 39\\ 3\\ 104\\ 10\\ 10\\ 11\\ 7\\ 50\\ 23\\ 3\\ 3\end{array}$	6 36 	·····

<sup>a</sup> School in session July and August, 1904, and July, 1905.
<sup>b</sup> July.
<sup>c</sup> Day and night sessions during November, December, January, and February.

/

## Personnel.

Name.	Office.	Appointed from.
Carl O. Lind, M. D.	General agent of education in Alaska. Assistant agent. Clerk to general agent. Stenographer. Superintendent, southeast Alaska. Superintendent, central Alaska. Superintendent, northern Alaska.	Pennsylvania. Do. Dist. Columbia. Pennsylvania. Wisconsin.

# Teachers in public schools, 1904-5.

Teacher.	School.	Appointed from.
Miss Hannah E. Breece	Afognak	Pennsylvania.
Miss Thena A. Brookman	Klukwan	Missouri.
E. O. Campbell, M. D	St. Lawrence Island	California.
Fred Chase	Shakan	Missouri.
Mrs. G. S. Clevenger	Copper Center	Washington.
Mrs. F. C. Craigie	Kenai.	Alaska.
D. W. Cram	Bettles	Minnesota.
Mrs. D. W. Cram.	do	Do. •
Miss A. G. Curtis	Wood Island	Alaska.
Miss Byrde Darby D. M. Daum	Jackson Sitka	Missouri. Washington.
William A. Davis	Unalaska	Indiana.
Mrs. W. A. Davis	do	Do.
S. G. Davis	Klinquan.	Alaska.
V. L. Derby	St. Michael	Oregon.
Haines De Witt	Tee Harbor.	Alaska.
Miss C. Duncan	Sitka	Missouri.
Miss Nell G. Edgar	Klawock	Kansas.
A. N. Evans	Wales	Pennsylvania.
Herbert S. Farris	Seldovia	Washington.
F. F. Fellows	Ikogmute	Oregon.
Mrs. A. H. Foster	Deering	California.
Miss Amy S. Gaddis	Haines	Iowa.
Miss R. Georgeson	Sitka (substitute)	Alaska.
O. L. Grimes	Hope	Washington.
B. K. Helmick	Bethel	Wisconsin.
Miss Anna Hagberg	Golofnin	Illinois.
Thomas Illayok	Wales Unalakleet	Alaska.
Misha Ivanoff	Carmel.	Do. Pennsylvania.
Joseph Kahlen Chas. I. Kerr	Kodiak.	Colorado.
Mrs. C. I. Kerr	do	Do.
Mrs. C. Kilborn	Killisnoo	Pennsylvania.
J. H. Kilbuck.	Wainwright	Kansas.
Miss L. L. Kurtz	Seward	Missouri.
Ludvig Larson	Teller	Washington.
Arch R. Law	Kasaan	Missouri.
Miss Mary Mackintosh	Haines	Alaska.
A. J. Markham	Koserefsky	Dist. Columbia.
Miss R. McCaleb	Sitka	Missouri.
Mrs. J. V. McCullough	Petersburg	Minnesota.
Mrs. A. R. Moon	Kake	Indiana.
Mrs. J. L. Myers	Saxman Unalakleet	Missouri. Illinois.
Miss Hannah E. Olson	Teller City	Alaska.
E. D. Orbell Miss Emily B. Parke	Rampart	Do.
James C. Patey	Unga	Pennsylvania.
James J. Potter	Chignik	Oregon.
Edward A. Rasmusson	Yakutat	Wisconsin.
Mrs. L. Reed	Quartz Creek	California.
Miss Jeannette Rice	Sitka	Hawaii.
Miss M. S. Ross	Hoonah	Alaska.
Mrs. L. A. Schoechert	Quinhagak	Pennsylvania.
S. R. Spriggs	Barrow.	New York.
Miss Mary Stephen	Nulato	Canada.
Miss M. O. Stevens	Ellamar	Illinois.
Mrs. Otha Thomas	Kotzebue	California.
Joseph Weinlick	Bethel	Wisconsin.
Mrs. J. Weinlick	do	Do. Illinois.
F. E. Willard	Fort Yukon	Canada.
Miss Mary Winifred Mrs. M. B. Young	Council City	Alaska.
mio. m. D. 100ng	obunch only	

## NEW SCHOOL BUILDINGS.

In the winter of 1904–5 the Secretary of the Interior set apart \$60,000 from the license money for the erection of additional school buildings in Alaska. These buildings were located at Point Hope, Kivalina, Deering, and Shishmaref, on the Arctic coast; Haines, Howkan, Kake, Kilisnoo, Klawock, Klinquan, Klukwan, Shakan, Tee Harbor, and Wrangell.

#### SCHOOL FUND.

During the first half of the fiscal year the schools outside of incorporated towns in Alaska, both native and white, were sustained by 50 per cent of the license fees collected from unincorporated towns. The act of January 27, 1905, separated the white schools from those of the natives. This act placed the white schools of the Territory under the governor and left the native schools under the Bureau of Education. Section 7 of this act reads as follows:

That the schools specified and provided for in this act shall be devoted to the education of white children and children of mixed blood who lead a civilized life. The education of the Eskimos and Indians in the district of Alaska shall remain under the direction and control of the Secretary of the Interior, and schools for and among the Eskimos and Indians of Alaska shall be provided for by an annual appropriation, and the Eskimos and Indian children of Alaska shall have the same right to be admitted to any Indian boarding school as the Indian children in the States or Territories of the United States.

In accordance with this act Congress appropriated \$50,000 for the education of the natives in Alaska during the fiscal year ended June 30, 1906.

The following table shows the history of Congressional appropriations for education in Alaska:

 $\mathbf{F}$ A

First grant to establish schools, 1884	\$25,000.00
Annual grants, school year—	
1886-87	15,000.00
1887-88	25,000.00
1888–89	40,000.00
1889-90	50,000.00
1890–91	50,000.00
1891-92	50,000.00
1892-93	40, 000. 00
1893-94	30, 000. 00
1894–95	30, 000. 00
1895–96	30, 000. 00
1896–97	30, 000. 00
1897-98	30, 000. 00
1898-99	30, 000. 00
1899–1900	30, 000. 00
1900–1901	30, 000. 00

Amounts received from one-half of license fees collected outside of incorporated towns in Alaska:

March 3, 1901, to June 30, 1902 (sixteen months)	35, 882.41
July 1, 1902, to June 30, 1903	19,742.62
July 1, 1903, to June 30, 1904	103, 377. 30
July 1, 1904, to June 30, 1905	145, 153.65

Expenditure for schools outside of incorporated towns, Alaska, 1904-5.

Salaries :	
5 officials	<b>\$6, 874. 67</b>
62 teachers (1904-5)	44, 4 <mark>50. 4</mark> 1
12 teachers (1903–4)	1,985.61
Supplies, 54 schools	4, 731. 44
Repairs, 54 schools	2, 93 <mark>7.</mark> 30
Erection of school buildings	10, 781. 41
Fuel and light, 34 schools	3, 893 <b>. 7</b> 1
Rent, 5 buildings for school purposes	239.00
Traveling expenses:	
30 teachers	2,056.91
3 carpenters and 4 officials	1,223.15
Freight, 13 schools	12, 611. 41
Printing of reports, blanks, etc	410.05
Office supplies	136.15
Balance of \$60,000 set apart for buildings by secretary	49, 218.59
	141 540 81
Total	141, 549. 81
All of which is respectfully submitted.	'

SHELDON JACKSON,

United States General Agent of Education for Alaska.

Dr. W. T. HABRIS,

Commissioner.

# CHAPTER XIV.

## **REINDEER IN ALASKA**, 1905.

## DEPARTMENT OF THE INTERIOR, BUREAU OF EDUCATION, ALASKA DIVISION, Washington, D. C., June 30, 1905.

SIR: The year 1905 completes fifteen years of reindeer work in Alaska. The need of the introduction of domestic reindeer as a means of saving the inhabitants of the northern and northwestern regions of the Territory from starvation had been impressed upon me at the time of my first visit (1890). Upon my return to Washington from my annual inspection of schools in Alaska, in a preliminary report to you dated November 12, 1890, I called attention to the destitution of the Eskimos of northwestern Alaska and recommended the introduction of Siberian reindeer for their relief.

This report was transmitted by you December 5, 1890, with your approval of the recommendation, to the Secretary of the Interior, who in turn, on the 15th of December, 1890, transmitted the same to Congress for an appropriation.

Upon the failure of the Fifty-first Congress (1891) to take action, and deprecating the delay of twelve months before another attempt to secure Congressional action, with your approval I made an appeal in the spring of 1892 to the general public, through the newspapers of the East, for contributions to this object. The response was prompt and generous; \$2,146 were received. With this fund I commenced the purchase of reindeer in Siberia and their transfer to Alaska.

On March 3, 1893, Congress made the first appropriation, \$6,000, for the introduction of domestic reindeer into Alaska.

The Secretary of the Interior intrusted the management of this fund to the Commissioner of Education, and you accordingly made the introduction of domestic reindeer and the instruction of natives in the arts of herding, harnessing, driving, etc., a part of the system of industrial education maintained by the Government in Alaska.

The results speak for themselves, and confirm the opinions that prompted the undertaking and prove the wisdom of the plans by which it has been carried on. The introduction of domestic reindeer into Alaska is no longer an experiment, and it only remains to continue under the supervision of the Government until its benefits have been extended to all the people of arctic Alaska.

#### SUMMARIZED STATISTICS OF THE REINDEER HERD.

The following tables show the number of domestic deer imported into Alaska from Siberia, the annual increase of the herd, and the annual appropriations by Congress for the work. The year referred to is always the fiscal year ending June 30:

### TABLE 1.—Annual growth of the reindeer herd since 1892.

[This table includes, in addition to Government deer, those owned by mission stations, Lapland herders, and apprentices.]

Year.	Deer brought forward from previ- ous year.	Imported from Siberia.	Fawns surviv- ing.	Sold, butch- ered, a or died.	Total in herd at end of year.	Per cent of in- crease by fawns.
1892         1893         1894         1895         1896         1897         1898         1899         1900         1901         1902         1903         1904	$\begin{array}{c} 143\\ 323\\ 492\\ 743\\ 1,000\\ 1,132\\ 1,733\\ 2,394\\ 2,692\\ 3,464\\ 4,795\\ 6,282\\ 8,189\end{array}$	171 124 120 123 	$\begin{array}{c} 79\\ 145\\ 276\\ 357\\ 466\\ 625\\ 638\\ 756\\ 1,110\\ 1,654\\ 1,877\\ 2,284\\ 2,978\end{array}$	$28 \\ 23 \\ 96 \\ 148 \\ 100 \\ b \\ 334 \\ 185 \\ 299 \\ 487 \\ 588 \\ 353 \\ 290 \\ 377 \\ 926 \\$	$143 \\ 323 \\ 492 \\ 743 \\ 1,000 \\ 1,132 \\ 1,733 \\ 2,394 \\ 2,692 \\ 3,464 \\ 4,795 \\ 6,282 \\ 8,189 \\ 10,241 \\ 10,2$	$ \begin{array}{c} 55\\ 44\\ 56\\ 49\\ 49\\ 46\\ 55\\ 37\\ 32\\ 41\\ 48\\ 40\\ 36\\ 41\\ \end{array} $

<sup>a</sup> When the slaughter of deer is spoken of it in no case refers to the Government deer, but only to the deer which are the property of stations and apprentices, the same being the increase of the herds loaned to them. The Government deer loaned to the missions or to the Lapland herdsmen have to be returned deer for deer as loaned to them, and no one slaughters Government deer or gives them away. Male deer may be slaughtered or sold by the apprentices only with the advice and consent of the superintendent at the reindeer station. It has been understood that the superfluous males belonging to the station may be sold.

b Two hundred and forty-six of these deer were slaughtered for the relief of the shipwrecked whalers at Point Barrow.

Table 1 shows that the increase by fawns for 1905 was two and a third times the entire importation of herds of deer from Siberia.

The Russian Government placed such restrictions upon the purchase of reindeer from the natives that no deer were obtained in 1896 and 1897, and the importation of deer ceased altogether with 1902.

 
 TABLE 2.—Congressional appropriations for the introduction of domestic reindeer into Alaska.

Year.	Amount.	Year.	Amount.
1894         1895         1896         1897         1898         1899         1900	\$6,000 7,500 7,500 12,000 12,000 12,500 25,000	1901 1902 1903 1904 1905 Total	\$25,000 25,000 25,000 25,000 25,000 25,000 207,500

### THE REINDEER STATIONS.

The 10,241 reindeer in Alaska in 1905 were distributed among three classes of stations, namely: Government stations, at which the school and the herd are entirely under Government control; mission stations, to each of which a small herd of reindeer has been loaned by the Government as an equipment for industrial training; and relief stations. Arrangements with the mission stations.—The arrangements with the mission stations propose—

1. The loan of small herds to the stations as an outfit of industrial apparatus, the same to be repaid to the Government at the end of a specified period by an equal number of young deer in the same proportion of males and females i. e., 25 to 75. The slaughter or sale of female deer was strictly prohibited from the first, and male deer might be slaughtered or sold only with the consent of the superintendent of the station.

2. That on its part the mission station receiving a loan shall support a corps of apprentices while under instruction in the art of herding and training deer. It takes about five years for an apprentice to master all the details connected with the management of reindeer. At the completion of this course of training each faithful and efficient apprentice is given enough deer to enable him to start an independent herd.

3. The Government on its part provides the mission station with a competent Lapp or Finn teacher in the art of reindeer herding, harnessing, etc., for the first five years; at the end of that time the mission apprentices will be competent to assume complete control of the herd. All of these general regulations, as well as those peculiar to each station, are specified in the contracts made with the various missionary societies.

*Relief stations.*—In order to meet emergencies such as arose in 1897–98 in connection with the expeditions under Lieutenant Jarvis, of the United States **Revenue-Cutter** Service, for the relief of the whalers ice-bound in the Arctic Sea near Point Barrow, and with the efforts for the relief of a company of starving miners in the Yukon Valley, reindeer herds were established at localities where they would be needed for such purposes.

Statistics of reindeer stations.—The following tables present the chief items relating to the distribution, ownership, etc., of the reindeer at the several stations as reported in 1905. In the first of the series (Table 3) the mission stations are indicated by an asterisk.

		Adults.		Fa	awns, 1905		
Station.	Male.	Female.	Total.	Male.	Female.	Total.	Total.
Barrow.	169	298	467	72	90	162	629
Kivalina *	181	315	153     496	118	118	67 236	220 732
Deering *	106	225	331	69	79	148	479
Shishmaref *	113	208	321	66	73	139	460
Wales *	253	416	669	135	138	273	942
Gambell	64	91	155	16	18	34	189
Teller *	212	415	a 649			292	941
Golofnin*	297	511	808	187	169	356	1,164
Unalakleet*	335	427	762	144	114	258	1,020
Eaton*	343	423	766	127	115	242	1,008
Bethel *.	280 47	613 147	893 194	221	215	436 96	1, 329 290
Nulato * Iliamna	109	190	299	76	63	139	438
Bettles b	75	225	300			100	400
Total	2,584	4,504	7,263	1,231	1,192	2,978	10,241

TABLE 3.—Number and sex of deer in herds at the various stations in 1905.

a Includes 22 deer unclassified as to sex.

b No complete report received; number estimated.

ED 1905-VOL 1-22

## TABLE 4.-Reindeer loaned.

[The five Laplanders named in this table (marked with an asterisk) were brought over by the War Department in 1898 to assist in driving a herd of reindeer to the Yukon Valley, where American miners were reported to be in danger of starvation. After the disbanding of the expedition this office, under advice, took them into its employ to teach the Eskimo apprentices the industries connected with reindeer herding. As a return for their services they each received a loan of 100 deer for five years.]

Station.	Loaned.	When loaned.	When due.
Wales (Congregational)         Golofnin Bay (Swedish Lutheran)         Tanana (Episcopal)         Nils Klemetsen*         Teller (Norwegian Lutheran)         Nulato (Roman Catholic)         Bethel (Moravian)         Rils Persen Sara*.         Carmel (Moravian)         Per M. Spein*.         Kotzebue (Friends)         Unalakleet (Swedish Lutheran).         Alfred S. Nilima*.         Ole O, Bahr*.         Deering (Friends)	$50 \\ 50 \\ 100 \\ 100 \\ 100 \\ 88 \\ 100 \\ 88 \\ 100 \\ 95 \\ 100 \\ 99 \\ 99$	Jan. 16, 1896 do July 1, 1902 Sept. 1, 1900 Mar, 1901 Feb. 26, 1901 July -, 1901 Fob. 26, 1901 July -, 1901 Sept. 2, 1903 July -, 1903 July -, 1901	Gift. Returned. Do. July 30, 1907. Returned Sept., <b>1905.</b> Mar, 1906. June 30, 1906. Feb, 1906. June -, 1906. June -, 1906. June 30, 1908. June 30, 1908. June 30, 1906. Do. Jan. 18, 1910.

Nils Klemetsen is in charge of the herd at Golofnin Bay; Nils Persen Sara, in charge of the first Bethel herd; Per M. Spein, in charge of the second Bethel herd; Alfred S. Nilima, in charge of the Kotzebue herd; Ole O. Bahr, in charge of the Unalakleet herd.

The following table (5) showing the ownership of reindeer at stations in 1905, taken in connection with Table 6 pertaining to apprentices and their holdings, makes it very evident that the purpose of getting the reindeer into the possession of thrifty natives has been kept steadily in view and is being realized as rapidly as the conditions permit. The Government owns 3.073 deer, the stations 2,127, Lapland herders 1,189, and 78 apprentices 3,817 deer, or 37 per cent of the total number. It should be remembered that the deer owned by the Lapland herders and the stations, or 32 per cent of the total, are in the nature of an equipment for the industrial training of the natives.

Station.	Govern- ment.	Station.	Herders (Lap- landers).	Appren- tices.	Total.
Barrow. Kivalina Kotzebue Deering. Shishmaref. Wales. Gambell Teller. Golofnin. Unalakleet. Eaton. Bethel. Nulato. Iliamna. Bettles d	$     194 \\     100 $	215 28 166 216 220 462 189 391 190	271 	546 220 40 351 294 537 35 434 383 309 004 64	$\begin{array}{c} 629\\ 220\\ a\ 732\\ 479\\ 460\\ 942\\ 189\\ b\ 941\\ 1,164\\ 1,020\\ c\ 1,008\\ 1,329\\ 290\\ 438\\ 400\\ \end{array}$
Total	3,073	2,127	1,189	3, 817	10, 241

TABLE 5.—Ownership of reindeer.

a 12 of these are sled deer owned by miners.

b 22 of these are unidentified.c 1 of these is a sled deer belonging to the superintendent.

d Estimated; no report received.

	When estab- lished.	Total deer, 1905.	Appren- tices.	Deer owned by appren- tices.
Teller.	1892 1894 1896 1897 1893 1900 1901 1901 1901 1902 1905 1905 1905 1905	$\begin{array}{r} 941\\ 942\\ 1,164\\ 1,020\\ 629\\ 189\\ 1,329\\ 290\\ 1,329\\ 290\\ 1,008\\ 220\\ 479\\ 438\\ a400\\ 460\end{array}$	5 8 12 8 10 3 4 4 4 3 9 2 3 3 	434 537 383 309 546 35 64 40 
Total		10,241	78	3,817

TABLE 6.—Apprentices, with their holdings.

<sup>a</sup> Estimated; no complete report received.

From the next table (7), showing the present location of the 3,073 deer belonging to the Government, it appears that two-thirds of the number are under direct Government control and the remaining one-third still in charge of the stations or herders to whom they have been loaned.

## TABLE 7.—Deer belonging to the Government.

Station.	Loaned.	Under direct control.	Total.
Barrow Kotzebue Wales	194	83 189	83 194 189
Gambell Teller Golofnin. Unalakleet		$     \begin{array}{r}       154 \\       215 \\       32 \\       378     \end{array} $	154 215 132 478
Eaton Nulato Bethel	. 376	114	214 100 376 100
Deering. Ilianna Bettles <i>a</i>		438 400	438 400
Total	1,070	2,003	3,073

a Estimated; no report received.

Table 8 shows the progress made in training male deer to harness. On June 30, 1905, there were 392 deer already trained and 83 under training, a total of 475 deer, or nearly 20 per cent of the entire number of adult male deer (2,584), as shown in Table 3.

TABLE	8.—1	Vumber	of	trained	sled	deer.
-------	------	--------	----	---------	------	-------

Station.	Number trained.	Number in train- ing June 30, 1905.	Total.
Unalakleet Eaton Nulato Kotzebue Bethel Gambell Barrow Golofnin Shishmaref. Wales Deering. Teller. Total.	$ \begin{array}{r}     38 \\     32 \\     6 \\     40 \\     62 \\     20 \\     22 \\     52 \\     20 \\     41 \\     14 \\     45 \\     \overline{392} \end{array} $	15 23 2 2 25 	53 55 8 40 62 22 22 77 20 41 14 61 

NOTE .- None reported for Kivalina, Iliamna, and Bettles.

By reference to Table 4 it will be seen that in 1905 there were in the employment of the Government at mission stations five Lapland herders, whose salaries were met by loans of reindeer on substantially the same conditions as the loans made to the mission stations. In addition to these five, there was a Lapland herder at Teller, since sent to Tanana, where his salary is met by a loan of deer, and an additional Lapland herder at Nulato in receipt of a salary.

The 78 apprentices enumerated in Table 6 include a number who have completed their five years' period of training, and are proving their trustworthiness and thrift in maintaining independent herds. Under the charge of such graduate apprentices three new stations have been opened during the year here reviewed, forming links in the chains of stations for each 100 miles along mail routes in arctic Alaska,

#### SUPERINTENDENTS.

For the general supervision of the reindeer stations two superintendents were employed during the year 1905 at an annual salary of \$1,500 each. To Mr. W. T. Lopp was assigned the charge of the herds along the shores of the Arctic Ocean and northern Bering Sea, and to C. O. Lind, M. D., the herds on the shores of Golofnin Bay, Norton Sound, and the valleys of the Yukon and Kuskokwim rivers.

## MISSION STATIONS.

By far the largest number of stations included in the 15 reported are mission stations that have received loans of small herds of deer for three or five years under agreements already explained.

	Adults.				Total
Stations.	Male.	Female.	Total.	Fawns.	Total.
Wales Shishmaref. Deering Golofnin Bay Teller Unalakleet (including Eaton) Bethel Kotzebue	$253 \\ 113 \\ 106 \\ 297 \\ 223 \\ 678 \\ 280 \\ 181$	$\begin{array}{r} 416\\ 208\\ 225\\ 511\\ 426\\ 850\\ 613\\ 315\end{array}$	$\begin{array}{r} 669\\ 321\\ 331\\ 808\\ 649\\ 1,528\\ 893\\ 496\end{array}$	$273 \\ 139 \\ 148 \\ 356 \\ 292 \\ 500 \\ 436 \\ 236$	942 460 479 1,164 941 2,028 1,329 732
Kivalina. Nulato	47	147	$     153 \\     194 $	67 96	220 290
Total	2,178	3,711	6,042	2, 543	8, 585

TABLE 9.— Total number of deer at the mission stations, 1905.

TABLE 10.—Cost to the Government for reindeer herds at mission stations, 1905.

		For superintending herd.		
Station.	For sup- plies.	By annual rental value of deer loaned Lapp teachers.	By cash.	
WalesShishmarefDeeringGolofinin BayGolofinin BayGolof	Nothing. Nothing. a \$358.38 Nothing. 70.00 Nothing. Nothing. Nothing. Nothing. Nothing.	\$600.00 600.00 1,200.00 600.00	\$200.00 250.00 b 110.60 250.00	
Total	428.38	3,000.00	810.60	

<sup>a</sup> For one year an allowance for supplies was made to the herders on account of driving the herd from Wales to Deering. <sup>b</sup> For transferring herd to colony.

## ECONOMY IN REINDEER INSTRUCTION.

With respect to economy in reindeer instruction, the experience of the Bureau of Education has thus far been in favor of the mission station rather than the Government herd. The chief expense in the management of the reindeer station is the support of the apprentices, who must be supplied with rations while learning the care of the herd. Inasmuch as some of the older apprentices are married and have families, it has been necessary in some cases to supply with rations not only the apprentice, but also his wife and children.

The missions in providing support for apprentices assume, therefore, the chief expense in the reindeer instruction. Estimating the expense per apprentice at \$500 per year—an expense which has to be met in some stations under the Government, and which is liable to be incurred at any time if the superintendent of the herd is not a careful manager, preventing the sharing of rations on the part of the apprentice with his relatives-the 65 apprentices at the missions would cost an annual sum of \$32,500. Estimating the expense at missions at one-third of this sum, by reason of the thrift which obliges the Eskimo families to derive most of their support from what is called native food (whale, walrus, seals, wild birds, and game), the minimum amount contributed to the support of reindeer instruction by the mission stations is something over \$10,000 per annum, or two-thirds as much as the Government appropriation of \$15,000.

The annual cost to the Government for a mission station comprises the salary of a skilled herder and the annual increase of the loan of 100 deer, equivalent to about 30 fawns, valued at \$20 per head. As already explained, at the end of five years it is unnecessary for the Government to supply a chief herder at mission stations, as by that time the apprentices will have learned the art of herding and training for harness, and all expense to the Government in connection with such herds ceases, except what may be necessary for inspection purposes to see that the law is complied with and that female deer are not slaughtered.

The entire cash expenditure by the Government for seven mission stations amounted in 1904 to \$2,581,19, and in 1905 to \$1,238.98, or an annual average for the two years of \$1,910.08.

The reports of the general superintendents and of the local superintendents in charge of the respective stations afford many evidences of the success of the reindeer industry in improving the condition of the natives. Superintendent Lopp gives an account of 21 Eskimos, herders and apprentices, who "own 824 deer, who order their supplies direct from San Francisco, thus avoiding a middleman's profit. They represent all the different factions or clans of the cape village, and, as far as their income allows, are helping their needy relatives. They are better clothed, better fed, and live better and cleaner lives than in former years, and are helping their people along these same lines."

In the endeavor to establish new stations during the year, an expedition from Unalakleet to Bettles, covering a distance of 550 miles, and return was made during the months of November and December, 1904, and January, 1905, under the charge of Carl O. Lind, M. D., supervisor of reindeer in Alaska, central division. His party consisted of 8 men, including 3 Finns and 3 native herders, and it was due to the courage, endurance, and patience of these men that a herd of 300 reindeer was successfully driven through the "scrub" growth of the country in winter, in the face of snowstorms, and a temperature sometimes as low as  $-44^{\circ}$ .

It is noteworthy that the sled deer made the trip of nearly 550 miles back to Nulato, thus completing the total journey of over 1,000 miles.

The success of the introduction of reindeer into Alaska has awakened an interest in Newfoundland, which has control of the coast region of Labrador. The conditions there are the same as those in Alaska. Every year the Eskimos find it harder to obtain their natural food supply, and the country is covered with reindeer moss in abundance.

The Hon. J. J. Woods, postmaster-general of Newfoundland, and Wilfred T. Grenfell, M. D., superintendent of the Royal National Mission to Deep Sea Fishermen, have written to this office inquiring as to the feasibility of introducing domestic reindeer into Newfoundland. It is to be hoped that the experiment will be tried in the near future.

This report completes the series (15 in number) of annual reports on "The Introduction of Domestic Reindeer into Alaska." TABLE 11.—Expenditure for reindeer for Alaska, 1905.

	Amount.
Salaries, 16 employees Supplies for stations. Transfer of herds. Purchase of 220 deer, at \$25 per head Freight. Traveling expenses Printing report, etc. Total.	5,500.00 171.60 1,021.85 425.81

## COOPERATION OF THE TREASURY DEPARTMENT.

As in former years, the Treasury Department has furnished transportation in Alaskan waters to Mr. William Hamilton, assistant agent of education in Alaska, and to other employees of the Bureau of Education in the discharge of their official duties, and carried the mail to isolated teachers.

For this assistance thanks are due to the Secretary of the Treasury, to Capt. W. G. Ross, Chief of the Revenue-Cutter Service, Capt. Oscar C. Hamlet, commanding, and other officers attached to the revenue cutter *Bear*.

SHELDON JACKSON,

General Agent of Education for Alaska.

The Commissioner of Education.



# CHAPTER XV.

# INAUGURATION OF THE AMERICAN SCHOOL SYSTEM IN PORTO RICO.

## By SAMUEL MCCUNE LINDSAY, Ph. D.,

Professor of Sociology in the University of Pennsylvania; former Commissioner of Education in Porto Rico (1902 to 1904); Secretary of National Child Labor Committee.

#### CONTENTS.

1.	The educational problem at the beginning of American occupation	2	93
2.	The period of military government	2	99
3.	The advent of civil government	- 3	04
4.	The primary schools	- 3	60
5.	The town graded schools	3	07
6.	Special schools: Normal school, high schools, industrial schools, rural agricul-		
	tural schools, and night schools	3	13
7.	The University of Porto Rico	3	21 .
8.	Porto Rican and American teachers	- 3	27
9.	Porto Rican students in the United States	3	30
10.	Insular legislation for education, financial resources, cost of schools	″_3	32
11.	The present policy-Results of five years' work-The outlook for the future	- 3	39

## I. THE EDUCATIONAL PROBLEM AT THE BEGINNING OF AMERICAN OCCUPATION,

On the 25th day of July, 1898, the transports conveying the troops of the United States destined for the conquest of Porto Rico landed and the Army took possession of the town of Guanica on the south coast of the island, and by the 12th of August, when the armistice was declared, one-third of the area of the island had been forcibly occupied by the American troops, with practically no resistance. Everywhere outside of the capital city of San Juan, which was the residence of the few persons in the island of decided Spanish proclivities, this military force was received with open arms as a liberator and a long-expected friend who was to usher in a day of political and religious liberty and new opportunity. The control of the United States became effective on the 18th of October, 1898, and from that date until May 1, 1900, the island was under the military rule of the United States.

The provision for education is a fair index of the civilization of any people. It measures the social value they put on the future and it measures the resources of the present. To understand, however, the educational system and possibilities of a country it is necessary to know something of its general, social, and economic conditions. Briefly, those conditions which confronted our Government of military occupation were as follows: We had taken possession of an island in the Tropics lying about 18° above the equator, but so situated as to have the benefit of the trade winds for at least ten months of the year, and therefore enjoying a delightful climate, which can best be appreciated by the people of the North when we speak of it as perpetual June as that month is known in the States bordering on the North Atlantic seaboard. The variations in temperature are very slight throughout the year, the average mean daily temperature not varying over  $4^{\circ}$ . The climate is healthful, and every foot of the soil is practically capable of cultivation. There are no forests in the island. It is almost rectangular in shape, about 100 miles long and 40 miles across, containing an area of about 3,600 square miles. The interior of the island is rugged and mountainous, the mountains attaining an altitude of 4,000 feet, but the roads crossing through the various passages rarely ascend more than 3,000 feet. There are a great many valuable trees in the island, but they are scattered, and, with the exception of the small reservation that has been made for forest purposes by the United States Government, the mountains are cultivated to the very top.

The interests of the island are wholly agricultural, the usual tropical products found being coffee, sugar, tobacco, and small fruits, especially the banana and orange—a very fine variety of which is produced in its wild state, the lime, and the pineapple. These are the chief products in the order named. Formerly this order indicated the value of the products, but since the destructive hurricane of August, 1899, coffee, which still gives employment to the largest number of persons, has fallen to third place; and sugar, which now occupies a commercial advantage by reason of the free trade relations with the United States, which are not enjoyed by the Spanish planters in the other islands of the West Indies, holds the first place in the products of the island. Tobacco, which has also had a boom by reason of American sovereignty, finds a ready market in the United States, while Porto Rican coffee, on the other hand, a high-grade article not appreciated by the American consumer, has its natural market in Europe, where the commercial relations of Spain gave it preference, and those of the United States operate to its disadvantage. There is practically no manufacturing and no fuel on the island, hence manufacturing will necessarily occupy a minor place. There is some water power, which will ultimately be used for the furnishing of light and transportation. There is considerable iron ore, but otherwise little mineral wealth in the island. For a tropical garden, however, the United States could not have selected a more beautiful spot. Nature has been lavish and the productivity of the island is marvelous. Little skill has been devoted to agriculture as yet, and the population for four hundred years has been kept in ignorance through a mistaken economy.

We found in Porto Rico a population of nearly 1,000,000 people, of whom only about one-third were blacks or mulattoes. Little or no race feeling prevailed, and the mulattoes together with the two-thirds white population constituted almost an entire white labor force, giving conditions unlike those in the other islands of the West Indies. The native stock, as it is called, is predominately a mixture of Spanish and Indian blood, and while there are no pure Indians left, the Indian type is still noticeable in many of the children of the island. This population is also more largely a population of young persons than is to be found in any country of the North. The so-called median age line, according to the war census of 1899, was found to be 18.1, while that of the United States was 21.9; that is, in Porto Rico one-half of the population is less than 18.1 years of age. Nearly 31 per cent is under 10 years of age, and only 16.5 per cent is over 40 years of age. Corresponding figures for the United States

would show a very different age structure. The proportion of the sexes is about normal, in a population of 953,000 there being an excess of 8,700 females, The population of school age is, therefore, very large, and the educational conditions revealed by the census of 1899 showed a deplorable condition of illiteracy. The total number of persons under 5 and over 17 reported as attending school was only 414, and as the period of 5 to 18—i. e., from 5 to 17, inclusive is the usual one recorded in the United States as the period of school age, we must take the number of persons found in that period as the school population. This in 1899 was 322,393, and the estimated school population for 1904, based on the calculation of the normal increase computed from the censuses of 1883 and 1899, was 393,786. Of the 322,393 persons of school age reported in the census of 1899, 25,798 (or just 8 per cent) were reported as attending school, 15,273 (or 9.3 per cent) of the male population of school age, and 10,525 (or 6.5 per cent) of the female population of school age. This showed that there was less desire to have women educated than men, and that fact is further brought out in the statistics of illiteracy, which were very discouraging even for a tropical country. Of the total population of 10 years of age and over, 22.7 per cent were able to read; of the male population, however, 25.7 per cent and of the female only 19.9 per cent. In Cuba, at the same time, 44.6 per cent of the male population 10 years of age and over were able to read, and 41.7 of the female population; and in the United States 87.6 of the male population and 85.6 of the female population. Going still further, and taking the entire population of Porto Rico, assuming that the children under 10 years of age not in attendance at school are not able to read, and assuming, as the census does, that those under 10 years in attendance at school are able to read and write, we have the following statistics in reply to the census inquiries answered for 951,836 persons out of a total population of 953,243. Five-tenths of 1 per cent had enjoyed the advantages of higher education; 15 per cent were able to read and write; 16.6 per cent were able to read. The percentage of illiteracy for the colored population was a little higher than that for the white, while the proportion of negroes in school was greater than the proportion of whites. This is confirmed by later experience in school administration. I usually found that the negro population was more ambitious than the white population for the advantages of the primary school where these advantages were free for both races.

The physical condition of the population is an important element in estimating the educational problem. On this point there is a vast difference of opinion among those entitled to speak. The notion prevalent in this country that the population is idle, lazy, and diseased is not correct. Certain characteristics of the Tropics are, of course, in evidence. There is what a distinguished Porto Rican has humorously called a "negative inclination to labor," but this phase of tropical life is likely to be exaggerated by the more energetic worker from the North, because he does not understand or sympathize with conditions under which physical labor is performed in the Tropics. I think it is well within the bounds of reason to say that the average Porto Rican peon, or workingman, can and does cheerfully put forth an amount of physical exertion and expends in a day labor which, if measured in units of muscular physical force, would compare favorably with similar grades of labor in the United States. Such effort is not as intelligently expended or directed, and hence is not as productive. The worker has never had the strong incentive that comes from the full enjoyment of a reasonable share in the productivity of his labor; but the peon grasps at education eagerly under the new conditions, doubtless thinking that it may relieve him of the disadvantages of his old position, perhaps also in many cases associating the idea of relief from physical toil. But if such education is properly directed, I believe that in the peon's rise is the hope of the future for Porto Rico, and that he will not shun physical toil, but will see in it the basis of greater prosperity and happiness in proportion as his tasks are lightened by intelligent direction, and his returns increased where the rights of free men are defended by those who are intelligent enough to know their rights and to meet their obligations.

Physically, the people of Porto Rico are smaller in stature than those of the United States. They have a high birth rate combined with a high death rate. Moreover, both of these significant indexes of social vitality are higher than the relatively high records reported, by reason of faulty registration of both births and deaths. The census of 1899 states that the true birth rate must be as high as 40 per annum per 1,000 of population, and that the true death rate must be nearly 40. The phenomena underlying both of these indexes are undergoing a great change. The birth rate has not yet shown that it is affected by the recent increased cost of living or by any change in the economic standards of the people, but the death rate has responded in a very marked manner to the improved sanitary conditions since the beginning of the American occupation.

The people are fond of children. A family rejoices in every addition to its numbers, and parents are usually so proud of the number of children they have that in reporting that fact, even to a stranger, they will sometimes include a child whose birth is expected at any time within the next six months. Parental affection, or, more than that, universal affection bestowed upon children is noticeable everywhere.<sup>a</sup> The physical heredity of the present population leaves much to be desired. For a long time Porto Rico was apparently regarded as a penal colony. The evils incident to slavery were there until its abolition in 1873, and then there was a great gulf between the small highly educated and propertied class and the great mass of ignorant tillers of the soil, for whom little was done in the way of sanitation or direction as to wholesome living. Strange as it may seem, however, the relations of the sexes, as clearly shown in the very able reports of General Davis, were no less continent than in most civilized countries. Marriages, it is true, were rare and were deemed unnecessary, and families lived together fulfilling the same obligations and respecting the same rights of individuals as though the marriage tie existed. At least such is the opinion of many observers, and such is the testimony before a committee of the United States Senate from one who was probably the bestinformed American who studied the situation at the outset of the American occupation. I am inclined to think that the standards of sexual intercourse have been, however, quite different from what this statement would lead us to expect. I do not believe that there was more prostitution or illegitimacy, as we use these terms, than would be found among the social population of our large cities; but the conditions of family living were such, and are such to-day, that in addition to the somewhat laxer views prevalent in tropical countries, there is probably a greater amount of incest and of sexual excesses that have a marked effect upon the physical vitality of the children. An unusually large percentage of the children presented for enrollment in the public schools have shown signs of syphilitic affection in some form. The anæmic condition of so large a portion of the population, especially noticed in the case of children, has recently been shown to be a preventable disease, and the progress of public sanitation may soon cure that abnormality, as it has done away with many of the diseases, such as yellow fever and smallpox, which formerly worked such havoe in the island.

<sup>&</sup>lt;sup>a</sup> For fuller information on child life in Porto Rico, see an article by the writer in the Sunday School Times, 1902.

The material basis of the educational problem will probably be sufficiently understood from what has just been said, and to get clearly before us the situation presented to the American military authorities upon their arrival we must now ask the question, What had Spain done in the direction of education? The statistics of schools as reported by the Spanish authorities showed that on June 30, 1898, only a few months before the American occupation, there were 380 public schools for boys, 148 public schools for girls, and 1 public school for adults, with a total enrollment of 25,644 pupils, of whom 18,243 were said to be in attendance. There were also reported 26 private schools, with an annual attendance of 980 pupils, at this same period. The total amount expended upon these schools by the Government was 309,810 pesos, or about \$180,000, of which sum 234,000 pesos were for the salaries of teachers, which were usually in arrears; 54,000 pesos were for the rent of buildings, 11,000 for school books, 4,000 for industrial instruction, 3,600 for prizes, and about 1,800 pesos subsidy for private schools for salaries and supplies. It is impossible by analyzing these figure to realize what they really mean, and a few facts may be stated without any desire to belittle what was done, but solely with a view to estimating this work at its true social value. No buildings had been constructed specifically for school purposes. Most of the schools were held in private houses occupied by the teacher, who devoted one room, of such space as he deemed necessary for the purpose, to holding his school or class. Only one public building devoted to school use was owned by the public authorities, and that was a fine residence in the town of San German, which had been donated by a wealthy citizen of the municipality and had been converted into a very good school building, and as such is still in use. The salaries of teachers were paid by the local authorities, usually after all other obligations had been met, and frequently the attempt to pay was not made until the treasury had become empty. "As poor as a teacher" was, proverbially, the Porto Rican equivalent for "As poor as a church mouse," The supplies were purchased by each individual teacher, and there was no necessary uniformity in the text-books used. The teachers were permitted to charge for instruction what the "traffic would bear," and some pupils paid a regular fee, while others received instruction free. There was little or no supervision—only two supervisors for the island—and little is known of the grade of work done or the relative labor spent upon free pupils and pay pupils except that there was an entire lack of uniformity. The village priest was apt to be the most interested member of the local school board, and in some districts where he was an educated man, with some earnestness of purpose, the work done in the schools was much superior to that elsewhere in the island.

A brief account of the Spanish school system, prepared by a highly educated and refined Porto Rican gentleman who has been connected with the administration of schools during nearly the entire period of American occupation and for many years prior to that, has been published as Part II of a Report on Education in Porto Rico, under date of January 2, 1900.<sup>*a*</sup> The condition of the teachers in the schools will be commented upon in another section of this paper, but may also be considered in this connection. Of the schools themselves, however, Mr. Hernandez says:

It is seen that public instruction was in the same position in Porto Rico when Spanish sovereignty ceased that it had been eighteen years ago when the organic decree of 1880 went into effect. The large number of schools and the large attendance of pupils indicated in the statistics signified little when the organ-

<sup>&</sup>lt;sup>a</sup> See report by Enrique C. Hernandez, secretary of the insular board of education. Part II of Senate Document No. 363, Fifty-sixth Congress, first session. Washington, 1900.

ization of the schools and methods of instruction were completely neglected. There were no provisions made for school buildings or for any of the aids necessary to effective instruction. Admission to the public schools, while open to both sexes of the town, was only granted to boys in the country. Coeducation was regarded as a very dangerous experiment, as there were no rural schools for girls the latter did not participate in the benefits of education.

The schools that were found at the beginning of the American occupation were chiefly of primary grade. The principal subjects required to be taught were (1) Christian doctrine and elements of sacred history; (2) reading; (3) writing; (4) elements of Spanish grammar; (5) elements of arithmetic, with the legal weights and measures of money; (6) the merest elements of geography; (7) an elementary outline of agriculture, industry, and commerce. Secondary instruction was provided for in one or two towns only, and included additional subjects. Little or no attempt was made to train teachers for their work, and the result was that the burden of instruction consisted of didactic instruction in the catechism, supervised by the village priest, to whom the teacher looked for direction and inspiration as he would to-day to the school superintendent. The rural schools were in session from 10 a. m. to 3 p. m., "in order that the poor children may be at liberty out of school hours to assist their parents in domestic duties and field labors."

I can scarcely do better in the attempt to give an idea of the condition of the schools as found at the beginning of the American occupation than to quote the words of Mr. Enrique Landron, for many years a Porto Rican teacher, both under the Spanish and American régime, and later a principal of a graded school in San Juan and now for some time a district superintendent of schools. He says:

All the public schools in Porto Rico under the Spanish Government were divided into four classes—rurals, auxiliaries, elementary, and superiors. Teachers holding rural certificates were generally in charge of rural schools, and teachers holding auxiliary, elementary, and superior certificates were in charge of auxiliary, elementary, and superior schools, respectively. In the auxiliary and rural schools the following subjects were taught: Reading, writing, elements of arithmetic, catechism, and the merest elements of Spanish grammar. These subjects and an elementary outline of Spanish history, agriculture, industry, and commerce, sacred history, and elements of geography were taught in the elementary schools, while the superior teachers had to teach all these subjects more extensively and also some elements of geometry, surveying, lineal drawing, physics, and natural history.

In the course of study the teacher was permitted to introduce such changes as he deemed necessary for the interests of the school. There was no grading of the schools. Every teacher classified his pupils according to his own ideas, although generally the pupils in the schools were divided into four classes, which were called "primera, segunda, tercera, y cuarta clase," the first one being the most advanced. Generally the pupils in the first and second classes only were taught by the teacher himself, the other classes being in charge of the most advanced pupils, who acted as assistants to the teacher.

As to the method of teaching, the pupil had to learn by heart the lessons in the text-books. These text-books were written in the old way of questions and answers. The pupil had to learn daily a certain number of questions. At the time of the recitation the teacher would read out the questions to the pupil, who in turn would answer the same ad pedem litere. The pupils had to learn their lessons at home. A few minutes were granted them before the recitation to read over the answers they had to recite that day. The highest mark was given to the pupil who recited the lesson without omitting any of the words. Besides these recitations the teachers were supposed to give some oral explanation in grammar, arithmetic, and catechism. Object lessons were entirely unknown.

As to discipline, if there was any, it was very bad. An unbearable noise was heard continuously in the school. Corporal punishment, abnormal positions, and detention after school were the most common punishments used. The classes lasted six hours a day, except in the rural schools, where they lasted only five hours. In the month of June, after the examinations, also in the month of December, the schools were closed for fifteen days; also all of holy week, and during the year on many other church holidays.

The salaries of the teachers were as follows: Rural teachers, \$260 per year; auxiliary teachers, \$360 per year; teachers in second-class elementary schools, \$540 in San Juan, Ponce, and Mayaguez, and \$480 in other towns; teachers in first-class elementary schools, \$720 in San Juan, Ponce, and Mayaguez, and \$600 in other towns; superior teachers, from \$1,200 to \$1,000 per year. In the small towns, as Vega Alta, for instance, the school was called a second-class school, and in the large towns, like Bayamon, a first-class school. The teacher in charge of the superior school of San Juan had a salary of \$100 per month, while the teacher of Arecibo had only \$80 per month. The ayuntamientos were supposed to pay the rent of the schoolhouses and the salaries of teachers. They were also to provide all materials for the schools. The teacher and his family generally lived in the schoolhouse. The school was free only for poor children. Other pupils had to pay a monthly fee to the teacher. In the larger towns the public schools were usually attended only by the poor children; the others attended private schools.

One of the duties of the school board was to supervise the schools. Of the members of the board, the alcalde and the parish priest were the only ones who visited the schools, and at the end of the school year a committee of the board presided at the general examination. For the purpose of supervising the schools of the island, the island was divided into two districts—the northern district and the southern district—and one supervisor was appointed for each district. They had to visit the schools of their respective districts once a year and report on their condition to the "comisión provincial."

The teachers obtained their schools through a competitive examination before an examining board appointed by the governor. In this way the teacher obtained his school for life. He was the proprietor of his school, and it could be taken away from him only through special legal proceedings. Teachers were promoted according to the length of public service. At the time of the establishment of the autonomous government the former "junta superior de instrucción pública" was abolished. In the year 1898 there were 500 public schools in operation in Porto Rico. These schools were attended by some 22,000 children, Coeducation did not exist, as the Government thought it to be a very dangerous system.

In fact, it can be said that there was no real organization in the public schools of Porto Rico, every teacher being the ruler of his own school.

#### II. THE PERIOD OF MILITARY GOVERNMENT.

The history of this period, including some account of the school system, will be found voluminously recorded in General Davis's report as military governor of Porto Rico.<sup>4</sup> The statistics therein contained for the years preceding the American military occupation are very meager. Little could be done during the school year 1898–99, already begun under the disorganized conditions of the war period, except take account of stock. This the military authorities attempted to do. Both General Davis and the members of the commission sent to the island by the Secretary of War to report upon all matters relating to currency, taxation, judicial system, education, and civil affairs generally, which visited the island in the spring of 1899, were agreed upon the educational problem confronting the military authorities and the policy to be pursued. "Not one out of every ten of the children of school age," says the commission, " attends a school of any kind. The children are bright, and with the same

<sup>&</sup>lt;sup>a</sup> See Report of the War Department for the fiscal year ended June 30, 1900, Part 13; Report of the Military Governor of Porto Rico on Civil Affairs, chapter 11, Washington, 1902; also, Report of United States Insular Commission to the Secretary of War, June 9, 1899; also, the very interesting and comprehensive report of Dr. Victor S. Clark, president of the insular board of education, for the year ending December 31, 1899, Senate Document 363, Fifty-sixth Congress, first session, Washington, 1900.

opportunities afforded the children of the United States the children of Porto Rico would quickly become as intelligent." The commission goes on to say:

The schools we visited are simply pretensions to education, and in the United States would not be regarded as being worthy of the name. The miserable hovels into which these schools are crowded, the unwholesome and unhealthy conditions surrounding them, the lack of the smallest conveniences, and the entire absence of a good system of school books are noticeable everywhere. In but a single school did we find any pretensions to desks, and in most of them the plainest and roughest benches, upon which the children were compelled to sit. No attempt has been made at classification, and young and old are gathered together into one common conglomeration of filth and dirt. The books most generally found in these schools are a primer, a catechism, and a mental philosophy, and the system of education consists almost entirely of memorizing alone. In special instances we found a grammar and an arithmetic and a Spanish history, according as the teacher himself had some special qualification which he put into use.

The only schools commented on favorably were two, one a charity school for orphans under charge of the nuns of the Catholic Church, but supported by public funds, and the other located in a public building and conducted by the nuns of the Sacred Heart. The institute and normal school at San Juan had a pretentious programme, with 17 professors drawing \$45,000 in salaries per annum; but of this school the commission said: "We visited the schools of this institute and found within them principally children of public school age, all of whom should have been attending the public schools, and we failed to find at any of our visits a single one of the high-salaried and distinguished professors." The fact is that these positions were given as rewards for public or political service to highly distinguished and educated men, of whom occasional lectures of a semipopular character were required. No intensive work or well-developed educational programme was carried out. The lack of suitable training for the position of public school teacher was woefully apparent. Most of the teachers held their schools under a system of proprietary tenure; they were primarily politicians and officeholders, and incidentally taught schools. Their status was supposed to be fixed for life, with no hope for promotion nor fear of dismissal, and hence no incentive to self-development. Frequently a teacher hired a substitute at half his salary, and sometimes absented himself for long periods from school. Most of the teachers were men, and received their appointments from the governor-general, although their salaries were charged against the municipalities, which were usually tardy in their payments and sometimes years in arrears. The privilege of collecting tuition fees from the children of well-to-do parents, the net return from which amounted in some cases to as much as the salary and in the rural schools was estimated to be worth 15 per cent of the salary, constituted the inducement to hold on. Instruction was devoted largely to religious matters, and the time of girls given over to fancy needlework. "Many of the rural schools," said General Dayis, "were nothing better than poorly conducted nurseries for children of all ages." The acting director of public instruction, speaking of visits made to the schools soon after the introduction of military government, says:

We visited school during school hours and found the teacher in bed taking a siesta; other teachers were away tending store. In another case we found a teacher who was running a runshop. Teachers went around the schoolroom in untidy and insufficient attire, and the demand of the neighborhood callers upon the time of the teacher left him less than the required time for instructing the pupils.

Less than 6 per cent of the school population attended school.

The demands upon the military government were urgent in many directions, but it took hold of the problem of the schools and that of sanitation with exceptional vigor. Military inspectors were sent into all the districts, and the

teachers were given to understand that they would hold their positions and receive their salaries promptly as long as they attended to their duties faithfully and to the best of their ability and no longer. The whole tone of the service was at once improved. In January, 1899, Gen. John Eaton, LL. D., of Washington, D. C., was called to Porto Rico to take charge of educational matters, first as superintendent of schools, later as director of public instruction, and finally as chief of the bureau of education in the department of the interior, to which the schools were assigned. General Eaton had for his assistant Mr. Victor S. Clark, who succeeded him as head of the department in May, 1899, when General Eaton was forced to return to the States by reason of ill health. In March, 1899, 16 English supervisors were appointed and vested with various administrative duties, including the payment of teachers, accountability for schoolbooks and supplies, and the selection of school buildings. All were familiar with the American school system and were Americans or of American and English parentage. Ten of them were college graduates, two normal school graduates, and four graduates of high schools or public schools of standing.

A beginning in the formation of a school law based upon the American public school system was made during the months of April and May, 1899, under the direction of Doctor Eaton, and promulgated in a series of military orders. These required many radical changes, among them being a regulation that the schoolhouse shall be entirely separate and upon different premises from the residence of the teacher or of any other private family. Four years later it was my privilege to carry this essential provision a step further by securing in the school law passed by the insular legislature a regulation that the schoolhouse must also be separate from any place of business. The military orders required that where a district provided but one school such school should be open to both sexes. This was the beginning of coeducation, to which no one henceforth made any objection. The school law now provides that all schools shall be open to boys and girls alike, except that in towns where two school buildings are located less than half a mile apart the local school board may rule that one building shall be devoted exclusively to boys and the other to girls, but no board has availed itself of this permission.

The military orders also abolished the fee system and made the schools absolutely free to all residents of Porto Rico between the ages of 6 and 18; fixed the school year at nine months of twenty days each; established a graded system for schools in towns; limited the number of pupils for each teacher to 50; provided a principal where four schools are grouped together; changed the course of study by eliminating the study of church doctrine and religion and inserting Spanish, English, arithmetic, geography, United States history, and civil government, with music and manual training as minor subjects where teachers were competent to instruct in them; fixed the legal qualifications and salaries of teachers on a uniform basis for equal work, and required uniformity of instruction for the various classes of schools.

In July, 1899, a board of education was established, not merely as an advisory body, but as the central organizing and administrative power in educational matters. Both Americans and Porto Ricans were represented on the board, and under its direction the first and last school year (that of 1899–1900) under the military government was begun. The board does not seem to have worked well; probably the difference in ideas presented insurmountable barriers to that strong, cooperative work between Americans and Porto Ricans that was necessary to the successful operation of an American school system. Doctor Clark resigned as president of the board on March 11, 1900, and was

ED 1905-VOL 1-23

succeeded by Dr. George G. Groff, a member of the board, who served until the advent of civil government, May 1, 1900. The enrollment of pupils during this school year and the cost of administration may be summarized as follows: The number of schools open varied from 529 on November 1, 1899, to 587 on April 30, 1900, the latter being the maximum number for the year 1899–1900. The maximum number of pupils enrolled during the year 1899–1900 was 28,969 and the maximum attendance 20,103. General Davis reports the attendance on private schools as amounting to only a few hundred, and not worthy of consideration. He also tells us that 5,000 children were refused admission for lack of room in the public schools, and that 15,496 of those enrolled were doing the work of the first primary grade, that 3,000 received and of their instruction under American teachers, and that 8,000 received English instruction from English-speaking teachers.

Preparations were also måde during this school year for the construction of a suitable normal school building for the training of teachers, which was to be located some miles from the capital city. The English supervisor in San Juan established a model and training school, which, in January, 1900, was housed in the first schoolhouse ever erected in Porto Rico, a wooden structure located just outside the city wall on the military road leading out of San Juan. This building was burned down during the summer of 1900. No well-devised system of centralization in the financial support of the schools seems to have been put in operation under the military government, although General Davis recommended this and asked Congress to appropriate \$1,000,000 a year for ten years for the support of education, and, in addition to this, the expenditure of \$1,500,000 at once for the erection of schoolhouses.<sup>a</sup>

The actual expenditure under the military government for public instruction during the year 1899-1900, or rather from July 1, 1899, to April 30, 1900, amounted to \$212,485.92, and that of the municipalities in addition thereto to \$30,693.66. The original appropriations were somewhat larger, but had to be reduced by reason of the lack of resources, and the actual expenditures were well within the amounts after the reduction had been made. The per capita cost was high, but the difficulties of the situation which confronted the military authorities were proportionately great, and the results were somewhat discouraging. No great enthusiasm for the schools was shown in that early period, because the educated class was indifferent to everything done by Americans and the uneducated peon class was not yet fully convinced of the realities of the changes going on about them or the possibilities of education as a lever in their own advancement. The peon was very largely without ambition, and it required a more highly centralized system to place an efficient school before him in the light of a real opportunity. The reports of General Davis, which I have examined with great care and parts of which I have reread many times, contain the results of probably the keenest and most far-reaching study that has been made by any American official of Porto Rican problems as a whole. I hesitate to disagree with his conclusions in any particular, and yet I believe that a careful and conservative estimate of the results of five years of civil government completely refute the pessimistic conclusions, I may almost say predictions, contained in his final report as military governor, in which he says (pp. 133-134):

The census of 1899 indicates that over one-third of the population of Porto Rico consists of children between 5 and 17 years. In other words, there are over 322,000 children of school age. Heretofore 94 per cent of the children attending school have been between the ages of 5 and 14 years. There are over

<sup>a</sup> See testimony of General Davis in hearings before Committee on Pacific Islands and Porto Rico of the United States Senate, on Senate bill 2264, pp. 64 ff. Washington, 1900. 266,000 between these ages. The present school laws provide for one teacher to each 50 pupils. This would mean that to afford school accommodation to all children of school age in Porto Rico there would have to be about 6,400 teachers, while to provide only for the children between the ages in which attendance is most common would require about 5,300 teachers. Take 6,000 and 5,000 as the respective numbers, and assuming the salary of each teacher the lowest salary paid any teacher in 1900 (\$270 for school year), we have, respectively, for salary lists alone, \$1,620,000 and \$1,431,000. It needs no argument to convince anyone at all familiar with economic conditions in Porto Rico that the maintenance of an educational system on any such plan as this will be out of the question for years to come unless Federal aid be extended on a large scale, a rather improbable contingency.

As to the advisability of the immediate expansion of the system of public instruction to such an extent as to offer educational advantages to the entire school population of Porto Rico, the following, written by the author of this report in February, 1900, after nearly a year's study of the question, expresses the views then and now held by him:

"If to-day the means were at hand for supporting the 6,000 schools which would be required to accommodate all the children, and if suitable schoolrooms with necessary equipment existed, I am of the opinion that the attendance would be meager and the result unsatisfactory. The anemic, half-starved, and often naked children would not or could not attend. But supposing the attendance was full and universal, would the result be satisfactory? Would any solid advantage to society and to the pupils themselves result from the instruction? For six or more hours each day they would be under the control of their instructors, and then they would return to their homes of squalor and filth, indecency and vice, their parents indifferent or unable to satisfy the natural cravings of hunger, and what the children had learned would make them unhappy and discontented. They would learn of wants that could not be supplied, and their miserable surroundings would have added horrors. \* \* \*

"After most careful consideration of the question presented, and basing my opinion on the existing conditions, I am forced to be convinced that the true and wisest policy will be at first to direct the principal efforts to educate and elevate the youth of Porto Rico in those centers of population where there is a state of living and existing social, industrial, and economic conditions that would justify the confident belief, not only that the efforts will be supported by public opinion, but that standards and models would be established and copied throughout the island in the rural districts."

It is difficult for a resident of the United States to understand the indifference in regard to schools that is manifested by the people of Porto Rico as a whole. The population consists of two classes—one a small element possessing considerable wealth, the other a considerable mass of ignorant people in abject poverty. Between these two classes there has always been a great gulf of separation, social as well as economical, and this fact has had an important influence on attempts at educational progress in Porto Rico. Eliminating a very few farsighted and public-spirited men, it is a well-known fact that the wealthy class have never favored general education or the establishment of a good system of public schools. The reasons for this are not hard to find. Among them may be mentioned the realization that any direct tax for educational purposes must ultimately be collected from them; the fear of loss of social and financial prestige should education become general; the reluctance to have their children attend the same school as the children of their laborers, and probably most powerful of all, the idea, latent throughout a very large part of the world, that the education of the masses is generally undesirable, if not dangerous. The existence of this idea was at the bottom of a large part of the passive opposition and obstruction that nullified the decree of General Messina and made that of General Despujol ineffective. Later, during the military government, it made itself felt in many ways, especially in the passive resistance, or apathy, or neglect that characterized the local school boards. Wherever any essential link of the chain of acts necessary to open and support a school was under the control of a local board, the school was more or less of a failure. If the board supplied buildings, the buildings were not suitable and were not ready on time. If it elected the teacher, political animosities and local prejudices often led to nonappointment or to frequent changes and poor attendance when the school was opened. If the municipality was supposed to provide furniture, paper, and text-books, these were not forthcoming. To assure the opening of public schools on time, and with proper facilities, it was

found that the control must lie in a central department responsible to the governor himself.

Lack of school funds, lack of a school plant, the want of a sufficient number of efficient teachers—these are the great material obstacles that confront the educator in Porto Rico to-day. His task will be made harder by race and caste antagonism, by political prejudices, by the inability of parents to properly feed and clothe their children, by the deep-rooted aversion to coeducation of the sexes, and by the confusion of tongues.

These difficulties can ultimately be evaded or overcome; but that any substantial good to Porto Rico may result they must, in the opinion of the writer, be surmounted not merely through the expenditure of money and energy, but through the gradual working of a leaven that will require many years to appreciably affect the entire mass. The development of an educational system, to be of real value, must be based upon the desire of the people for broader advantages and upon the sacrifices that they are willing to make to that end.

Porto Rico may be dotted over with well-equipped schoolhouses and plentifully supplied with efficient teachers, but until education comes to occupy in the public mind a more important place than petty jealousies or political animosities; until the wealthier classes are willing to cooperate in the effort to raise up the 800,000 illiterates by whom they are surrounded, and the latter can be awakened to the fact of their own ignorance and a desire to advance; in short, until the stimulus from without that now maintains any usefulness in the school system can be replaced by a force acting from within, attempts at anything like universal education in Porto Rico must be unsatisfactory and the expenditure connected therewith be largely wasted.

Those words were written five years ago. The change in public sentiment within that period has been remarkable. To-day no one could speak of indifference to the schools on the part of the Porto Rican population as a whole, because there is absolutely none. A good beginning in the programme outlined by General Davis has already been made, and the result will be discussed in another section of this paper.

## III. THE ADVENT OF CIVIL GOVERNMENT.

The temporary character of the military government, so recognized from the start, made it difficult for it to do more than it did do in the matter of education, namely, inspect and modify slightly in the direction of Americanizing the schools that were found in the island and instill a spirit of security and respect for authority in the minds of the teachers and officials who administered them. Plans based upon the results of such experience as the military officials obtained led to suggestions, and many of them very pertinent suggestions, concerning the school system of the future, but the lack of the necessary authority to devise ways and means for the support of the schools and the uncertain attitude of the United States Government on the question of Federal aid to such a project caused further development to be held in abeyance until Congress established civil government.

Civil government was ushered in with some pomp and ceremony on the 1st of May, 1900, and the task of reorganization along lines of permanence and development in harmony with the fundamental law enacted by Congress for the island, known as the Foraker law or organic act, was begun energetically and prosecuted vigorously in all the departments of government, and not least in that of education. The organic act made the department of education a department coordinate with that of state, treasury, interior, and judiciary, and centralized all power in the hands of a commissioner of education. Under the Government of Spain teachers had been appointed in the schools practically at the dictation of the governor-general and their salaries paid by the central or insular government, while the municipalities paid only such local expenses as the rent of buildings, wages of janitors, and purchase of minor supplies. Doctor Groff, who was president of the insular board of education

for the last two months of military government, was made acting commissioner of education under the civil government and served in that capacity until August 6, when the new commissioner, Dr. Martin G. Brumbaugh, took charge of the department. After a brief survey of the field the new commissioner decided that the school law in operation under military orders was entirely unsuited to the conditions of a progressive development along American lines and set about the task of formulating a new and comprehensive law, and presented it to the insular legislature at its first session in January, 1901. In the meantime preparations had to be made for the opening of the schools for the first academic year under civil government, that of 1900-1901. A new department had to be organized, as a destructive fire had destroyed not only the model training school, the first school building erected since the beginning of American occupation, but also the offices and records of the department of education, which were housed in that building. The new department was organized, regulations adopted, teachers engaged, buildings rented and equipped, and about 800 teachers with 38,000 pupils were put at work before the end of the first month (October) of the new school year.

The statistics for the entire year showed that the total number of teachers employed during the year was 812, with an average number of schools open each month of 698, and an average number of pupils enrolled each month during the year of 31,172. When these figures are compared with the preceding year's statistics for the first term, which are given by Doctor Clark, as follows: Number of teachers employed 582, total enrollment 24,694,a it will be seen that a new era of progress had already begun. With the adoption of a new school law by a legislature made up in its lower house of representatives elected by the people, which unanimously passed a comprehensive school law January 3, 1901, and with an insular appropriation for schools at least 25 per cent larger than for the previous year, and with the beginning already made in the construction of schoolhouses on a large scale (by the use of funds made available through the generosity of the Federal Government of the United States in returning to the island about \$2,000,000 collected in customs receipts on Porto Rican products sent to the United States), a new enthusiasm for education made itself felt among the people. That inner force, of which General Davis spoke, began to assert itself. It has grown steadily and continuously from the beginning of civil government until the present day. The results of this continuous development will be estimated in another section of this paper. Many changes have taken place in the educational laws and in their administration, as new experience has dictated wise modification, but throughout there has been a continuous and uninterrupted development. The unsettled and somewhat chaotic conditions which characterized the several changes in policy from the breaking up of the Spanish régime until the beginning of civil government, have not prevailed at any time since that beginning was made. Doctor Brumbaugh served from August 6, 1900, until February 8, 1902, at which time the present writer qualified as commissioner, and remained in charge of the department until October 1, 1904, when the present commissioner, Dr. Roland P. Falkner, qualified. These successive changes have not interrupted the continuous and progressive development of the school system, although emphasis perhaps has been laid by the different commissioners upon quite different departments of the school work.

It is now necessary to examine somewhat more in detail the various types or kinds of schools organized to meet the educational needs of the island. In all

<sup>&</sup>lt;sup>a</sup> See p. 40, Report of President of the Board of Education. Senate Document 393, Fifty-sixth Congress, first session. Washington, 1900.

of the newer rural schools, where buildings have been constructed, the department has carefully arranged to have at least an acre of ground surrounding the school, which can be used as a garden for purposes of instruction in elementary agriculture. In some rural schools such instruction is now given with considerable success, and in a few cases it has been given by a visiting teacher of agriculture, who took charge of the work for a half day twice each week, and whose work was followed up by the regular teacher in charge of the school. The importance of agriculture in a country whose destiny undoubtedly makes agriculture its chief resource for all time to come can not be overestimated. The schools must find a way of training the country boy and the country girl for greater efficiency in this direction, and of correlating the experiences of their brief school life with the things to which they must devote their attention in after years. More will be said on this point in discussing the present plans of the agricultural department of the University of Porto Rico, which aims to train special teachers for this work. It is worthy of note, however, that where well-trained teachers have undertaken it in the very lowest grades of the primary school and in the most unpromising ungraded rural schools, considerable success in agricultural work, as a part of the rural school programme, has already been attained.

# IV. THE PRIMARY SCHOOLS.

The age structure of the population; the peculiar conditions of a tropical climate, producing somewhat more rapid growth in the earlier years, and the fact that so few school facilities were enjoyed by the people made it recessary to put the entire emphasis at the outset on the development of the primary school. Doctor Clark estimated that during the period of military government over 15,000 children who entered the schools, and constituted more than one-half of their total enrollment, did not know how to read or write, and that 96 per cent of the total enrollment belonged in the lowest three grades. Doctor Brumbaugh makes no estimates on this point; but in my report for 1903 I had a careful estimate made, and found that it was the opinion of school superintendents and teachers in a position to observe the results of our grading that less than 25 per cent of the pupils in the town schools were to be found above the fifth grade and less than 25 per cent of the pupils in the rural schools were to be found above the third grade. The primary school therefore, as the beginning of a graded school in the towns and as a rural school in the country districts, became the chief object of our planning. In a few of the large towns an attempt was made to establish kindergartens to take children at the age of 4, and in a few other cases the first grade of the primary school did some kindergarten work, although not regularly equipped as a kindergarten. The people were very much interested in this form of education and were desirous of having it conducted on a larger scale, but it had to be curtailed rather than expanded because of the greater demand for the opening of first-grade schools, two of which could usually be established for what one well-equipped kindergarten school would cost. I may say that throughout this discussion I shall use, except where otherwise noted, the term "school" to mean a teacher and a class. A large school building in one of the cities may have eight or more teachers and classes, and if so, it would be recorded in our statistics as eight schools.

A different course of study was laid down for those primary schools in towns where they were all graded. This course has been modified many times, always in the direction of simplification. At the outset it was deemed best not to specify particular text-books or the exact ground to be covered in specified text-books, because of the traditional habit of the Porto Rican teachers to confine themselves exclusively to the text and to depend upon memorizing. It was desired to put the teacher somewhat upon his own resources, to suggest topics to be covered, but leaving to the superintendent or principal and teacher to work out together the details of the school programme. The rural school-teacher was instructed to divide his pupils into as many groups as necessary, devoting his chief attention to the largest group, and following as nearly as possible the course of study of the graded schools in assigning work to the various groups. Usually the rural school was divided into two or three groups, and the method pursued was largely experimental. It worked well only where superintendents were able to give considerable assistance to their rural teachers and where the rural teacher himself possessed some adaptability and ingenuity. This means that it did not work well in most cases. In some districts the superintendents prepared what constituted practically a separate course of study for rural schools, and, through district conferences, that plan has spread over the island-the superintendents borrowing from each other the results of varied experiences—and finally the department has prepared a special course of study for rural schools. The courses laid down for the town graded schools are given in full in the next section.

The progressive development of the schools, chiefly of primary grade, both rural and graded, may be approximately gauged by the following statistical statement:

Year.	Total pop- ulation.	School pop- ulation 5 to 17 years, inclusive.	Number of teachers.	Total en- rollment.	Average daily at- tendance.	of	Number of American teachers. a
1864 1893-99. 1899-1900 (first term) 1900-1901 1901-2 1902-3 1903-4	$\begin{array}{c} 754, 313\\ 857, 660\\ 957, 779\\ b 953, 243\\ b 953, 243\\ c 1, 000, 907\end{array}$	b 322, 393	$122 \\ 432 \\ 525 \\ 582 \\ 812 \\ 938 \\ 1,097 \\ 1,204$	$egin{array}{c} 3,488\ 15,318\ 25,615\ 29,182\ 33,802\ 61,863\ d70,216\ e61,168\ \end{array}$			104 102 136 139

<sup>a</sup> In addition to number of teachers given in previous column; some give secondary instruction.

<sup>b</sup> Official census of 1899.

c Estimated increase based on official figures of census of 1883 and 1899.
 d Includes 6,177 pupils in special schools, some of whom receive secondary instruction.
 e Includes 3,485 pupils in special schools, some of whom receive secondary instruction.
 Decrease from preceding year more apparent than real, due to change in term records.

## V. TOWN GRADED SCHOOLS.

The island is divided into 66 municipalities and (at present, June, 1905) 19 school districts. In each of the municipalities there is usually one town of sufficient size to support two or more schools, and in such case these schools are graded or are required to follow the following course of study, which has been gradually evolved and subjected to many different modifications:

COURSE OF STUDY .-- OUTLINE OF EIGHT YEARS' WORK IN EIGHT GRADES.

SUBJECTS.

**I.** Language: (a) Reading, (b) writing, (c) composition and spelling, (d)memory work. All language work to be given in both Spanish and English. II. Number work.

III. Nature study and elementary science.

IV. History and biography.

V. Art.

### FIRST GRADE.

I. (a) Words and sentences from blackboard. Sentences from chart and reader with definite drill in phonetic elements and words. Reading from chart and primer, with frequent changes in text, using at least three different sets of readers. Insisting upon a clear understanding of the thought, which means a comprehension of the meaning of the word and its relations, before the sentences is read. Attention to bodily conditions in reading—pose, voice, etc.—and to pronunciation, articulation, and inflection.

(b) Copying words from blackboard and from slips provided. Here forms, single letters, and letters combined in words insisted upon, following the vertical or medial slant system, using no ink, writing with pencil on paper rather than on slate.

(c) Oral telling of stories by the teacher, to be repeated by the child. Reading of stories to the children, to be repeated by the child orally. Copying words and sentences. Writing of simple words from dictation. Teaching pupils to write their name, and to use the simple punctuation marks and capital letters, noting especially the correct orthography of each word, but not teaching spelling as a separate class exercise. Allow the child great freedom in the expression of its own thought.

(d) Memorizing and reciting short, simple literary quotations, at least two lines a day, teaching the entire piece as a rule. Select the best things from the reading books furnished.

II. Combinations of numbers to 10, using concrete objects: teaching orally. Begin simple fractional elements, as one-half, one-fourth, one-third, etc., putting these simple numeral elements before the child's eye in figures gradually, and complete the number concept in each case with appropriate oral stories, allowing the child himself to form the stories, if possible, and perform the operation in the concrete as the story progresses. Gradually lessen the use of objects, teaching the child early to think of the number independent of the things. Teach simple relative values of pint, quart, inch, yard, penny, dime, etc. Compare various objects as to size, developing concept of surface and content. Give abundant drill and ample illustration.

III. Recognition of common plants, trees, their uses, their relation to man. Recognition of common animals, their uses and relation to man. Recognition of common rocks, their uses and relation to man. Hints as to their distribution. Simple elements of hygiene, as care of the teeth, hair, eyes, face. Hygienic conditions in general. Suitable stories and selections illustrative of travel. The habits and haunts of birds, animals, fishes, etc. Descriptions of scenery and such other matters as will lay the foundation for an appreciation of nature. Familiarity with the four cardinal points of the compass, and ideas of location.

IV. Selected stories suited to the capacity of the child and to the season, making it subordinate to Group III, including fairy stories and such general bits of historic incident as relate to historic characters.

V. Free-hand drawing work from memory and imagination. Paper folding, rote songs, breathing and exercises; study of pictures, using results in language; drill in blackboard drawing, and drawing from nature study, using colored cray-ons, with such additional elements as the teacher of drawing may order.

#### SECOND GRADE.

I. (a) Readings from several first readers. Phonetic drill continued. Introduction of second reader as early as possible in the year. Abundant reading at sight.

(b) Copy and writing from dictation. Practice upon forms of single letters. Copying from dictation with pen and ink.

(c) Reproduction exercises. Drill on common abbreviations, punctuation, and capitalization. Spelling of words having the same sound and different orthography, or different sound and the same orthography.

(d) Memory work reviewed and continued. Selections from the readers in use.

II. Numbers from 1 to 50, developing multiplication tables and simple elements of partition and division. Application of weights and measures. Simple fractional parts. Considerable oral work and daily exercises in mental arithmetic.

III. Observations of habits of animals. Development of plant from seed to fruit. Growing plants, if possible, in the room. Observe each stage of their development. Useful animal productions, especially parts used for food and clothing. Use of seeds to man. Forms of water. Direction and distance of winds. Judgment of distance. Knowledge of local food and animal products. Continuation of hygienic lessons on the skin, use of the bones, effect of narcotics and stimulants. Lessons on eating, drinking, breathing, sleeping, healthful foods and drinks. Use of the muscles. Kinds and time for exercise. Value of sleep.

IV. Continuation and completing reading of stories and fables, keeping in mind the related work in Group III.

V. Continuation of free-hand drawing, with objects such as trees and animals. Study of pictures for story. Paper folding and paper cutting. Simple elements of definite drawing of lines, straight and curved.

#### THIRD GRADE.

I. (a) Different portions of several second readers. Supplementary reader. Introduction of third reader.

(b) Copying and writing from dictation with ink.

(c) Frequent composition exercises, with increased attention to form and correctness. Attention to choice of words, forms of words, also to clearness and originality. Discussion of right form of sentence for the expression of thought.

(d) Memory work continued. Entire selections memorized. II. Addition and subtraction with and without objects. Multiplication and division clearly developed. Application of familiar weights and measures. Fractional parts especially emphasized. Original problems submitted and worked. Comparison of objects with respect to mathematical proportions. Measurement of familiar distances and surfaces. Proper application of the same.

III. Discussion of the qualities of objects. Adaptation of animals and plants to their environment. Discussion of changing length of day and night and varying temperature. Life history of familiar plants. Detailed study of some drainage system, developing concepts of valley, hill, slope, watershed, plain, etc. Discussion of erosive action of water, soil formation, water, record map of town, study of neighborhood, fixing points on the compass. Flesh-making aud heat-giving foods. Wholesome and unwholesome drink and foods. Simple lessons on digestion and circulation of blood. Care of parts of the body, developing especially the moral value of cleanliness, neatness, etc. Introduce elementary notions of geography of Porto Rico without use of text-book.

IV. Classical myths and stories, Bible stories, building in the mind, steadily, ideals of what life ought to be. Simple elements of civic life. Reason for law, for legal restraints. Duties to one's country, significance of the flag.

V. Rote songs continued, and, if possible, simple musical elements. Illustrative drawing. Harmonious arrangement of colors in paper folding and paper cutting. Beginnings of simple design.

#### FOURTH GRADE.

I. (a) Complete third reader. Extend reading of supplementary matter. Reading of entire books assigned by the teacher.

(b) Specific instructions to pupils who have not learned to form letters well. (c) Abundant composition and dictation exercises, noting now especially the development of a style which shall be simple, clear, and in harmony with the character of the thought of the child. Reporting in writing the substance of

Engaging in conversation for the purpose of developing a

fluent oral style. (d) Memory work continued.

the books read.

II. Knowledge of larger quantities, say, to 1,000, or perhaps more. Thorough mastery of the fundamental processes. Drill on fractions to twelfths. Teach elements of decimal system, especially as illustrated in the use of United States money. Simple business transactions. Common weights and measures. Areas of simple geometric magnitudes.

III. Study of the development of animal life and of typical plants. Develop the significance of pebbles, sand, and rocks. Effect of heat on water and air. Effect of heat, water, and air on rocks, animals, and plants. Movements of the sun and moon. Some attention to star groups and their recognition. Lessons on natural divisions of land and water. Map interpretation—use globe, Analyses of Porto Rico, then of North America. Special lessons on climate. Point out salient geographical features of the United States. The anatomy of the human body, dwelling especially on the bones and muscles, joints, ligaments, and cartilage. Effects of narcotics and stimulants.

IV. Stories from pioneer life, especially in Porto Rico and the United States. Stories of famous persons, like Marco Polo, Columbus, Washington, John Smith, Raleigh, Ponce de Leon, Lincoln, Franklin, Lafayette, Fulton, Morse, Grant, etc.

V. Sketching from nature or objects. Analyses of leaves and flowers for color. Study of famous paintings for knowledge of color, outline, form, etc. Analyses of mass pictures. Study of tints and shades of one color. Development of floral and other designs. Drawing with the ruler, followed by copying if necessary to fix concept. Subdivision of designs. Rote singing continued, with some attention to the building of musical system and use of notes, rests, accents, etc., remembering always that the language work and the number work, together with the manual dexterity that grows from simple art elements, form the basis and core of any system of instruction, and that the emphasis of early work must always rest upon these fundamental elements, and that all nature study, all history and geography, and all other supplementary matter has value only as it contributes to the intensifying of these fundamental parts of the curriculum; and of these fundamentals first and most important of all is the language work.

# FIFTH GRADE.

I. (a) Reading from the fourth reader, with special attention to the character of the literature and an interpretation of the thought, making the study both informational and cultural in its character.

(b) Gradually lessen the instruction in writing, but insist that composition and other work done by the pupils shall be their best efforts.

(c) Composition exercises covering the scope of the reading, paying attention to the figures of speech, different forms of sentences, correct punctuation and capitalization, and the right use of words.

(d) Memory work continued.

II. Drill in fractions, including all the fundamental processes and problems in common weights and measures, and simple business forms. Instruction on plane figures. Rules for surface of cube, prism, and square pyramid. Decimal system.

111. Plant analyses continued, emphasizing roots and stems. Study of the form, leaves, and bark of trees. Influence of the sun in producing the seasons and day and night. Relation of insects to man as useful or injurious. Countries of North America, dwelling especially on mountain ranges and watersheds. Special lessons on soil. Study of the West Indies and Central and South America. Special lessons on climate and productions. The structure, kinds, and uses of the muscles. Study of the skin, hair, and nails. Effect of bathing and clothing, stimulants and narcetics. Supplementary reading bearing on natural history, geography, and physiology.

IV. Reading relating to explorations and discoveries in North America and South America. Study of American colonial life and Porto Rican life, touching upon the Indians and the white man's struggle for occupation.

V. Free-hand drawing, simple plant, fruit, and geometric objects. Study of color. Study of famous paintings.

#### SIXTH GRADE.

I. Continuation of the work in language of the year before, following substantially the same general plan and finishing the reading of the fourth reader.

II. Metric system, percentage in its simplest applications. Simple problems in denominate numbers, computations of solid contents of simple magnitudes. Measurements of surface, business problems.

III. Study of vegetation in Porto Rico, dispersion of seeds. Effect of heat and gravity on water and air. Study of bird life and its dispersion. Simple laws of heat. Review the United States and Porto Rico geographically. Study the British Isles, Germany, France, and Spain. Lessons on Cuba, the Philippine Islands, on winds, and ocean currents. The structure of the muscles and skin. The growth, waste, and renewal of the body. Simple laws of digestion, circulation of the blood, and the relation of the blood to health. Effect of alcohol on the digestion and the circulation. Suitable supplementary reading in harmony with the work of the year.

IV. In United States history, the period of colonization and of the Revolutionary war. Stories in connection with the history of Great Britain, Germany, France, Spain, Cuba, the Philippines, and other countries important to the pupils.

V. Drawing of plants and common objects. Analyses of leaves and flowers for color scheme. Study of famous paintings, using the results as language and history material. Accurate drawings of simple rectangular objects and the applications in appropriate material.

#### SEVENTHI GRADE.

I. The formal study of the sentence, parts of speech, phrases, clauses, analyses of sentences, and special attention to English conversation.

II. Application of percentage to insurance, interest, commission, taxes, etc. Business. Business transactions and accounts. Thorough study of inclosed and solid contents of cylinder, pyramid, and cone.

III. Study of grasses and grains. Typical marine animals. Some plant family, as the rose. General review of North America. Study of Asia and Africa, noting especially colonies and dependencies, with special lessons upon productions and government. Study of coal, its distribution and uses. The composition and purity of air, organs of respiration, including ventilation, disinfectants, exercise, and clothing, vocal organs and their functions, effects of stimulants and narcotics.

IV. Special attention to United States history from 1783 to the civil war, dwelling especially upon the personalities of the characters rather than the administrative problems. Reading from early history of England. Study of the local government officials, by whom chosen, duties, etc. Study of insular government and United States Government to fix civil processes clearly in the mind.

V. Drawing continued in harmony with the work of the year before. Music and calisthenics.

### EIGHTH GRADE.

I. Study of literature. The reading of pedagogical selections and general survey of the field of English and Spanish literary development, dwelling especially upon the authors that have touched the life of Porto Rico. Study of the English language continued, including remaining parts of speech. Rules of syntax. Analyses of sentences. Special attention to English conversation.

II. Drill on definitions, rules, and formulas in arithmetic. Problems and theories relating to angles and lines. Simple accounts; special attention to business forms.

III. Study of poisonous plants and trees. Elementary lessons on light, sun, and electricity. Comparative study of climate, winds, and states of society. The nervous system. Organs of the special senses. Effects of narcotics and stimulants upon the nerves. Appropriate reading relating to the above topics.

IV. Study of recent United States history, beginning with the civil war and studying current events. History of Porto Rico to the present time. Reading of English history of the eighteenth and nineteenth centuries. Principles of State government; special attention to the Constitution of the United States. Object of laws, and duties of citizens and of officials. Rights and duties of nations, war, and arbitration.

V. Drawing in any medium of common objects. Analyses of beautifully colored nature objects for color scheme. Study of buildings and their influence. Simple perspective. Study of historic ornament and complementary groups of colors. Continuation of industrial drawing and processes. Drill in music and calisthenics.

It is understood that this is a mere outline to be followed in the main. That in the primary school the first year at least 40 per cent of the entire time should be devoted to Group V, 12 per cent to Group II and Group III, and the remainder of the time to Group IV. Continuing in this way until the third year, gradually lessen the time to Group I and to Group V, increasing the time in Groups II, III, and IV, in the order named, and in the fifth year giving 35 per cent of the time to Group II, 20 per cent to Group V. 15 per cent to Group II, 20 per cent to Group III, and the remainder of the time to Group IV, carrying this general relation throughout the sixth, seventh, and eighth years, never sacrificing the language work to any other feature of the course. It is understood further that in the rural schools the less essential parts of the course may be omitted, but in the graded schools, so far as possible, the entire course of study should be undertaken with such modifications and omissions as may be made absolutely necessary by local conditions, and which shall be made only by the advice and consent of the supervisor of the district and the principal of the school. Do not allow pupils to enter a higher grade than the one in which they can do the work satisfactorily. It is always easy to promote a child, but always difficult to reduce his grade. It is better to put him in the next lower grade than in the one next higher. It is not so much a question of what grade a pupil is in as it is a question as to what kind of work the pupil does in the grade. The teacher should under all circumstances equip herself in all the different groups of studies here provided for. It is further recommended, and even urged, that in each school there shall be collected appropriate objects for the proper presentation of these lessons. These objects may be gathered by the children and teacher in the neighborhood or purchased by the board of education or made by the children themselves under the direction of the teacher. It is a poor school that does not, through its own resources, provide at least some equipment to do objective teaching. The real test of good teaching is to be found in the power of the child to think clearly and to express his thoughts in language, both oral and written, and no lesson should be considered well taught until the child has acquired the ability to give an intelligent report of that lesson. Remember that it takes time to develop mental power, and that very moderate progress with work well done is better than haste attended by superficial knowledge.

Beyond all courses of study, and more important than any part or parts of the same, is the power and life of a noble teacher, impressing upon the children from day to day the simple lessons of Christian manliness or womanliness, earnest devotion to country and home, and that series of civic, social, and moral virtues which in the aggregate make up a noble character. The end of all true teaching is right living.

The foregoing is intended merely as an outline course and to furnish the basis of detailed instruction by the various superintendents, uniformity in which is in a measure secured by almost daily correspondence with the central office and by the exchange of circular letters. The emphasis in the course is laid entirely upon the fundamental processes of arithmetic and the learning to read and write correctly both the English and Spanish languages. No great difficulty has been experienced with the language problem in Porto Rico. There was no confusion of tongues there to embarrass the school authorities as in the Philippines, where they were compelled to adopt English as the one language of the public school, because it was in reality the language that would go furthest, considering the multiplicity of dialects in the entire region under the jurisdiction of the educational authorities of the Philippine Islands. In Porto Rico there is but one language generally and universally spoken, and that is Spanish, but in their new relations the people are eager to acquire English. The schools have to be conducted in the Spanish language, and were in full operation in that tongue when the American military control became effective. They have been conducted in that language ever since. The military law required that at least one English teacher should be assigned to each municipality. This was for the purpose of not only providing teachers of English, but for distributing throughout the island a corps of American trained teachers whose pedagogical training would make itself felt in their contact with the native Porto Rican teachers. From this beginning gradually the number of American teachers was increased until it is at the present time, and has been during the larger part of the period of civil government, approximately one to eight. In every graded school the English language is taught by a teacher for whom it is the native tongue. This is accomplished by making the American teacher a visiting teacher of the language, giving lessons in three or four schools in the same town each day. All of the large towns have petitioned to have the school authorities provide at least one school, and in some cases more, where all of the subjects are taught in English, either by American teachers or by Porto Rican teachers qualified to teach in the English language. Over fifty such schools

exist to-day, and they have been introduced gradually only in response to an urgent demand, and always in numbers less than such demand called for on the part of the Spanish-speaking population. This is an evidence of the desire of the people to learn English. Another such evidence is the fact that the American teachers are called upon to give private lessons outside of school hours to persons of all ages. They are required, as a part of their public duties, to hold public classes at least three times a week, which are open free of charge to any Porto Rican teacher or member of a school board who cares to attend. These classes are well attended, and usually meet more frequently by special arrangement with the teacher who is required to hold them. The work in English in the graded schools is further advanced by certain requirements like the following: Every Porto Rican teacher is required as a condition for the annual renewal of his teacher's license to pass a creditable examination in the English language, and these examinations have become more difficult from year to year. A Porto Rican teacher who acquires English sufficiently well to be able, in the judgment of the district superintendent of schools and the local board, to give instruction in the English language covering the entire course of study prepared for his grade is entitled to an increase of \$10 per month in his salary.

The children are quick and bright in language work, as they are in anything where the memory plays a larger part than the reasoning faculty. They are taking up English with remarkable facility, and now at the end of five years one rarely finds a small child who has been at school who can not carry on some conversation in English, and it is well within the range of possibility to expect that within ten years a practical knowledge of English will be well spread throughout the island.

In the rural schools the problem of teaching English is more difficult, and in some cases superintendents have advised dropping English rather than have it poorly taught by Porto Rican teachers who have little knowledge of the language themselves. In most cases, however, perseverance in the original plan to have English taught in every school in the island has met with public approval and with encouraging results, even where they were not entirely satisfactory.

Other special subjects in the course of study present some difficulty; nature work, hygiene, music, and drawing are not always carried out as well as they should be. In the larger towns special teachers are usually employed to give the work in music and drawing, as visiting teachers. The work in all these subjects in the smaller towns, where the special teacher does not go, lacks uniformity and in many cases the requisite excellence. Both teachers and pupils are peculiarly apt at drawing, and the possibilities of developing a latent talent or directing it into channels of usefulness in some form of industrial art are worthy of greater consideration than it has been possible as yet to give them.

The statistics of the graded schools are included in the summary given in the previous section under the head of "Primary schools;" the possibility of industrial training introduced into the graded schools is referred to in the next section.

# VI. SPECIAL SCHOOLS: NORMAL SCHOOL—HIGH SCHOOLS—INDUSTRIAL SCHOOLS—RURAL AGRICULTURAL SCHOOLS—NIGHT SCHOOLS.

Apparently no serious or successful attempt to organize secondary or higher instruction was ever made under the Spanish régime in Porto Rico. The children who received anything more than the training of the elementary grades of the primary school were prepared by private teachers and sent abroad to schools in Spain, Cuba, or the United States. The teachers in the public schools either came from Spain or went there for their diplomas. The professional men, few

in number, received their training for the most part in the medical, law, or theological schools of the Spanish universities, and a few through a sort of apprentice system in the offices of the professional men in the island. The Instituto in San Juan, as has been already seen, had an ambitious programme, but largely on paper, there being little or no effective teaching. During the decade immediately preceding American occupation there was an arrangement with the University of Habana by which some young men received lectures from physicians and lawyers in San Juan, and in alternate years were examined by a visiting delegation of professors from Habana, who also gave brief courses of lectures on the occasion of their visits to Porto Rico. These young men could also go to Habana for their examinations, and upon passing the same (either in Porto Rico or Habana) receive their diplomas from the Cuban university. Many persons, as a result of such inadequate provision for higher training, practiced the learned professions, especially medicine, with little real preparation, while the few who could afford to spend years abroad came back with the technical training of the best European and American universities. The door of opportunity had not yet opened to the poor boy.

### THE NORMAL SCHOOL.

The military authorities of the United States were too busy in the short period of their occupation, on account of the magnitude of their task, to do more than attend to the more pressing needs of the primary schools. The model school, for which the first building specially constructed for school purposes was erected just outside the old wall of the city of San Juan, was in reality a practice school of primary grade, intended to have a part in a plan for training primary teachers, which was to have its culmination in a normal school, for which the military government purchased a site at Fajardo, on the east coast of the island, about 20 miles from San Juan. Here a normal school was opened in a rented building in the academic year of 1899-1900, but the location proved unsuitable and there were few students. The land purchased was later abandoned for school purposes, and another site at Rio Piedras was purchased by the civil government, situated within 7 miles of San Juan, and accessible to the capital city by rail and trolley. On this ground there was constructed a large and commodious building, the most expensive school building as yet erected in the island. More land was acquired later, making 150 acres in all, and the property is now a part of the University of Porto Rico.

The new course of study and revised school laws at the beginning of the period of civil government made provision for one normal school, four high schools connected with graded schools in San Juan, Ponce, Mayaguez, and Fajardo, and known as high and graded schools, and a little industrial training (sloyd) in the lower grades of one of these schools. Vigorous efforts were made to enlist young, ambitious persons to train themselves for teaching, and before the new building for the normal school was begun at Rio Piedras Governor Allen placed the summer palace and botanical garden at Rio Piedras at the disposal of the commissioner of education for the use of the normal school, which was moved from Fajardo and occupied this building from September, 1900, until May, 1902, when the new building was ready for occupancy. The building which had been for years the summer residence of the Spanish governors was in rather bad repair, and really no longer suitable for residence purposes; but nevertheless the fine democratic spirit of the first American civil governor, who decided that one official residence was enough, and that the cause of education was of more importance than his personal comfort or pomp, was not without its effect. The young people of the island soon began to realize that the new

314

Americanism meant to take education seriously, and they responded to the sentiment by what was veritably an educational awakening, which did away not only with all open hostility to the public schools, but also with indifference as well. No single event did more to bring about this change than the direct allotment of \$250,000 from the Porto Rican customs duties paid in the United States, which President McKinley directed should be devoted to the construction of schoolhouses. As the Porto Ricans saw brick and mortar going into new and practical school buildings, their faith in the new régime increased. An old coachman driving past a newly constructed schoolhouse said to his passengers: "I am an old man, and I have seen nothing but money going out of the island in the pockets of Spaniards during my lifetime, and I have been strung up by my thumbs to the rafters of my own house by a marauding band of Spanish soldiers, who outraged my family; but now, when I see the Americans collecting taxes and spending money on schoolhouses, I know that they are not working for themselves."

To the Insular Normal School, in its new building, was added a practice school conducted in another new building of six rooms, constructed on the model already used in several of the town graded schools, but manned at the outset by expert American practice teachers. This school opened its doors on February 25, 1903, and the first four grades were filled with children selected from the schools or town of Rio Piedras who gave promise of being able to carry on the studies of the regular public school course given in the English language. A double, experiment was about to be tried, namely, that of giving the normal school pupils the opportunity of watching an expert American teacher at work with a class and of giving those same pupils some work as pupil teachers in the last year of the normal school course, and also that of testing the practicability of school work done in the English language for the pupils of both the practice and the normal schools. Both experiments have worked better than we at first expected.

The normal school during the first year of its existence at Rio Piedras had about 100 pupils, including a few special students and a preparatory class. During the year 1902–3, when the practice school was opened, the normal had an average of 150 pupils, including the preparatory class, which was discontinued the next year, the preparatory pupils being put in the upper grades of the practice school. The standard of admission to the normal at the outset had to be very low, but the effort was systematically made to raise it, until in September, 1903, we had for the first time a normal school proper, to which no one was admitted except on examination based on the completion of the course of study laid down for the eight years' course in the public schools. The worthlessness of most of the old Spanish licenses and diplomas had been proven by the lack of such preparation on the part of many of the former pupils in the normal who had been admitted on such diplomas.

The faculty of the normal was made up mostly of Porto Rican and American male teachers in about equal numbers, but with an American principal. This faculty petitioned in 1902 to have all the work of the school conducted in the English language, and Spanish taught merely as a language subject. This petition was signed by at least one professor who felt that he was too old to acquire sufficient English himself to qualify him to hold his position if the school were on an English basis, but as he honestly and patriotically put it "The welfare of this school and of the educational system of Porto Rico demand that the teachers of the future shall be qualified to do all their work in English, and my personal interests must not be considered." In September, 1903, we began to go over to an English basis with the upper classes, and the work of the normal school is now done without difficulty in either English or Spanish.

Of the transfer of the normal school to the control of the board of trustees of the university on March 12, 1903, and of its subsequent record as the normal department of the university, we shall speak again later. Suffice it to say here that no change was made in its normal development and course of study as already in execution. A principal's house had been constructed on the grounds, giving the principal a residence that enabled him to give the school closer personal supervision, and a small frame rural schoolhouse with an agricultural garden, both of which were used for laboratory work in teaching the elements of agriculture, botany, etc., in the normal school course. One hundred and seven-three students (76 men and 97 women) received instruction in the normal department in the academic year 1903-4, and all eight grades of the practice school, with an enrollment of 192 more pupils were in operation. A principal and ten instructors were employed in the normal, and a principal and five instructors in the practice school. The course of study in the normal was based on the principle that concentration of effort and attention on a few subjects for a limited time, with daily recitations, produced the best results.

The academic year is divided into three terms. In the first year the work is as follows:

First term: English (reading and conversation); Spanish (reading); physiology; American history; drawing.

Second term: English (reading and conversation); Spanish (grammar); arithmetic; pedagogy; American history; geography.

Third term: English (grammar); arithmetic; pedagogy (observation in practice school); music; geography.

After the first year the course is bifurcated into a scientific and a literary course, as follows:

Second year.—First term: Scientific course (algebra, pedagogy, English grammar, physiology). Literary course (algebra, pedagogy, English grammar, Spanish composition and music). Second term: Scientific course (algebra, physical geography, pedagogy, English composition, drawing). Literary course (algebra, physical geography, pedagogy, English composition, drawing). Third term: Scientific course (civil government, botany, algebra, English composition, drawing). Literary course (civil government, botany, Spanish rhetoric, English composition, drawing).

Third year.—First term: Scientific course (geometry, botany, physics, American literature). Literary course (geometry, general history, physics, American literature). Second term: Scientific course (geometry, physics, psychology, Spanish composition and rhetoric). Literary course (geometry, general history, psychology, American literature, Spanish literature). Third term: Scientific course (geometry, physics, pedagogy, political economy). Literary course (Spanish literature, general history, pedagogy, political economy).

I still believe, as I have stated in all three of my annual reports, that the normal school is the key to the educational situation in Porto Rico. As it improves and prospers, so will the school system of the island give good results. No money and pains spent on the normal could be better spent elsewhere. I also base my faith in the possibilities of steady progress for the Porto Rican people upon what I saw of the young men and the young women in the normal school. They made great sacrifices to come to the school. They worked harder and better to improve their opportunities than any similar number of students in any school I have known in the United States.

### HIGH SCHOOLS.

The second class of special schools is the group of high schools, which have not yet filled any large demand, and consequently have not attained so high a degree of development as the normal school. The first one to receive pupils was that of San Juan, in which two four-year courses, in one of which all the work was done in Spanish and in the other all the work was done in English, were begun in September, 1900, and the first graduating class finished in June, 1904, ready for college. This is the aim of the course, to fit boys and girls for admission to an American college. The standard of graduation does not quite come up as yet to the highest standard of admission in American colleges, but we should expect our graduates to be able to take care of themselves in the average college with very slight, if any, entrance conditions. In Ponce the high school course was begun only in English, and no pupils were ready for high school work in the Ponce high and graded school until September, 1902. The same plan was followed in the Mayaguez high and graded school, where pupils were not ready for high school work until September, 1903. No pupils have been advanced to high school work in the Fajardo high and graded school. The plan which contemplated the four centers for high school work, equally distributed geographically, is a wise one and will be justified in time.

The Spanish high school course in San Juan has been abandoned because of too few pupils and the fact that all of the pupils who reach this grade of work are able to take the work in English. A commercial course has been arranged for in its place to meet the special needs of those preparing for business careers rather than for college. In the first term of the year ending June 30, 1904, there were 108 pupils enrolled in high school work, as follows: San Juan, 20 first year of course, 26 second, 8 third, and 5 fourth, total 59; Ponce, 16 first year, 12 second, total 28; Mayaguez, 21 first year.

The course of study laid down for the high schools has undergone many modifications from year to year dictated by experience and all in the line of simplification. The course at present is as follows:

### Course of study for high school grades.

#### NINTH GRADE.

I. Literature: The reading of the Standard Fifth Reader and supplemental works on English literature. English grammar, including etymology and syntax, especially the oral analysis of sentences rather than any system of diagrams. Review of Spanish grammar and syntax. Begin Latin. (Fifteen periods a week.)

II. Mathematics: A thorough drill in arithmetic, including especially percentage and its applications, to be followed with problems growing out of all the subjects covered during the seventh and eighth grades. Algebra, beginning with the subject, and extending through the fundamental processes, factoring, and simple equations. Applications of arithmetic to business accounts. (Ten periods a week.)

III. Complete political geography, with special attention to the Far East, Russia, and South Africa, and include physical and commercial geography. (Five periods a week.)

IV. Greek and Roman history. The general study of history, special stress to be laid upon the laws and duties of citizens and officials of nations, together with the bearing of ancient history upon modern times. (Three periods a week.)

V. Drawing from object. Study of historic drawing. Simple architectural drawing, Drill in music and calisthenics, (Four periods a week.)

ED 1905-VOL 1-24

## TENTH GRADE,

I. English classics. Latin: Caesar. Spanish composition and rhetoric. (Fifteen periods a week.)

II. Algebra (continued). Plane geometry. (Ten periods a week.)

III. Physics, chemistry. (Ten periods a week.) IV. Mediæval and modern European history. (Three periods a week.) Constitution of the United States and the organic act of Porto Rico. (Three periods a week.)

V. Drawing, music, and calisthenics. (Four periods a week.)

#### ELEVENTH GRADE.

I. English classics. Latin: Virgil. Spanish literature or begin French. (Fifteen periods a week.)

II. Geometry: Review plane and begin solid. (Five periods a week.)

III. Physics, chemistry. (Ten periods a week.)

IV. Mediæval and modern European history. (Three periods a week.)

V. Mechanical drawing, music, calisthenics. (Four periods a week.)

## TWELFTH GRADE.

I. (a) English literature and composition. (b) Latin: Cicero. (c) Spanish, French, German, or Greek. (Fifteen periods a week.)

II. Solid geometry. Review arithmetic and algebra. (Ten periods a week.) III. Chemistry, biology. (Five periods a week.)

VI. United States and English constitutional history. (Five periods a week.)

#### INDUSTRIAL SCHOOLS.

The third class of special schools covers the industrial schools, of which there were four in operation at the close of the academic year 1903-4, with a total enrollment of 486 pupils distributed as follows: San Juan, 115; Ponce, 112; Mayaguez, 143, and Arecibo, 116.

Under the Spanish régime considerable money was spent in extensive equipment purchased in Europe for a school of arts and trades, which was established in San Juan in a government building, part of which was used for a poorhouse, insane asylum, and general eleemosynary institution. The school had some connection with these institutions but was short lived, the apparatus for the most part being destroyed in a destructive fire during the summer preceding American occupation.

In the second session of the first legislative assembly I presented a bill giving the commissioner of education the custody of all the machinery, apparatus, etc., saved from the fire in the former school of arts and trades, the use of any unoccupied government building in San Juan which the commissioner of the interior could provide, the unused balances from all unexpended appropriations for various educational appropriations during that fiscal year (1901-2), and the authority to establish, equip, and maintain industrial schools wherever the funds at his command would allow. That bill became a law, and I am prouder of it than of any other act in my legislative record, because I believe it struck at the roots of the educational problem in Porto Rico. Under it we began in the academic year 1902-3 with a few students in a rented building situated on the celebrated military road less than one-half a mile from the city proper of San Juan. No public building was then available. Now that same school is housed in the city itself in a fine old Spanish building which was formerly used as a military barracks. The old machinery and apparatus proved for the most part worthless. We got some printers' supplies from the ruins, and with presses that we purchased a printing office that does the government work is operated as a part of the San Juan Industrial School. The unused appropriations gave us

about \$40,000 as a nest egg to start operations, and the legislature was reasonably liberal with these schools in subsequent years, at least, until the present year. The pupils in the San Juan school were recruited from the fifth grade of the public schools, and that standard of admission was demanded. My plan was to make an industrial school in every town an integral part of the public school system by taking pupils from the public schools who were prepared to enter the sixth grade, give them one year of manual training corresponding to the sixth year of the public school course and as preparatory to a two-year course in one of the several trade shops to be established for instruction in practical trades under the direction of experienced master workmen—such as carpentry, blacksmithing, tailoring, printing, plumbing, and harness making for boys, and cooking and laundry work, dressmaking, art needlework, and professional nursing, for the girls. Beginning with the seventh grade the pupils in the industrial schools were to drop their book studies for the most part and spend most of their time in the trade shops of the school, and it was expected that with two years of this work they could graduate with their fellow students in the eighth grade of the public schools, prepared either to earn their own living at house trades or to enter active business on much better terms than the regular apprentice. We had also in mind a graduate course of two years more, which should be established in the industrial schools in time, and give those who could take it the necessary equipment for a master workman in one of the few simple trades which were most needed in the island.

The following course of study, as laid down for these schools, will probably show more clearly what has been attempted in carrying out this plan. It has necessarily been modified somewhat in its application to the local conditions in the five towns of San Juan, Ponce, Mayaguez, Arecibo, and Guayama, where these schools have been organized, but a reasonably uniform adherence to its essential features has been secured. An essential feature of the plan was the uniform supervision secured through the appointment of a supervising priacipal of industrial schools; and we were fortunate in having in Mr. Frank D. Ball, of the Worcester Polytechnic, a man for this work who had had large experience with the varied conditions of industrial school work in the United States at Tougaloo, Miss.; Throop Institute, California; Chicago, and in the New England States.

Outline for course of study in industrial schools.

### FIRST YEAR.

I. Language. (Ten periods per week.) Reading and writing Spanish and English; dictation and composition of business forms and letters in both languages; exercises in English, with special practice in conversation; elementary Spanish and English grammar.

II. Mathematics. (Five periods per week.) Arithmetic: Review as rapidly as possible the fundamental operations and processes; teach thoroughly common and decimal fractions, giving ample opportunity for practical exercises on the fundamental processes; thorough drill with practical problems in English and metric systems of weights and measures; elementary business accounts, methods of rendering bills, keeping records, and making payments. Mensuration: Plane figures and surface measurement of cube, prism, and square pyramid.

III. Science. (Five periods per week.) Geography: (a) Physical and political geography of North America, West Indies, and Central and South America; (b) elementary commercial and industrial geography of the United States and West Indies, paying special attention to crops, products, manufactures, sources of raw material, and routes of trade and travel.

IV. History. (Three periods per week.) (a) Reading: Stories of exploration and discovery in North and South America and the West Indies; (b)

study early colonial life in the United States and Porto Rico, touching on the relations of the Indians with the Europeans and the struggle for occupation.

V. Drawing. (Ten periods per week.) (a) Freehand drawing from geometric objects, simple plants and fruits. (b) Mechanical drawing, with attention to scale, accuracy, and neatness of execution. Floor plans; models for tools and machinery.

VI. Hand work. (a) Sloyd, for boys. (Five periods per week.) Use of tools in woodworking. Construction of simple models, teaching and requiring accuracy of hand and eye. Construction of articles for household use—brackets, frames, and light furniture. (b) Cooking, for girls. (Three periods per week.) Preparation of common articles of food, with special attention to dietetic and hygienic principles. Methods of cooking meats, vegetables, etc., and dishes usually eaten in Porto Rican homes. (c) Sewing, for girls. (Three periods per week.) Work in cutting from patterns, fitting, basting, and sewing, buttonhole making, etc. (d) Needlework, for girls. (Two periods per week.) Drawn work and lace making, knitting, darning, embroidery, etc.

The Mayaguez school was the second one started (September, 1903), and it is still located in the rented building which was remodeled for the purpose. For the Ponce school, with the aid of the municipality, which paid half the cost, a fine building, costing, with the preliminary equipment, about \$25,000, was constructed, and dedicated on February 22, 1904, as the Roosevelt Industrial School. Miss Alice Roosevelt, on the occasion of her visit to Porto Rico in 1903, laid the corner stone of this building. It is a one-story building in the Spanish renaissance style of architecture, built on three sides of a patio, or what will be an interior court, or square, some day when the building is enlarged, and it is so constructed that a second story can be added when the needs of the school require it. It contains an assembly hall, class rooms, bathrooms, shops, and teachers' rooms, and is beautifully situated among the tropical trees of a large tract of land, on another portion of which a high school building is now in process of construction. Next to the normal school building at Rio Piedras, it represents the largest expenditure ever made for a school building in Porto Rico. The Arecibo School was opened in the same academic year in a remodeled government building in that town, and is well equipped for effective work. The Guayama School was opened in a rented building at the beginning of the academic year 1904-5. Plans are being discussed by the department of education and the municipal authorities for the construction of a new building in Guayama.

The pupils in all these schools have shown unusual artistic qualifications for craftsmanship, and have been, with few exceptions, industrious. It is too soon to pass final judgment upon this work or to estimate precisely its place in Porto Rican education. The results already attained have made themselves felt in many homes and are full of promise.

## RURAL AGRICULTURAL SCHOOLS,

A fourth class of special schools needs but brief mention, because reference has already been made to them in speaking of rural schools, and the problem they present will be discussed briefly when we refer to the agricultural department of the university. I refer to the agricultural rural schools, of which there were 13 in operation in 1903–4, with a total enrollment of nearly 700 pupils. These are regular schools, housed in new, modern, frame buildings, with at least an acre of land to each school, and a tool closet or shed containing equipment for agricultural work. In some cases the class-room work and the garden work are both in charge of the same teacher, but in most cases a regularly qualified rural teacher is employed to do the class-room work, and a visiting teacher of agriculture gives from one-third to one-half his time to one school for the outdoor work. Both boys and girls are required to spend from one to three hours each day at work with hoe or spade or in study or observation of nature work as illustrated in the garden, and under the direction of a specially trained teacher. Very young pupils are taken along with older ones in these agricultral rural schools, but their tasks are proportioned to their years. Each school may matriculate 50 pupils. The object is to instill and cultivate a healthy, intelligent interest in the soil, and to arouse a curiosity in the mind of the child to know more of the mysteries of nature with which he is in so direct association in his home by reason of the agricultural pursuits of his parents. The attempt is also made to introduce slowly the use of improved tools and machinery and methods of cultivation, which often have an even greater interest for the parents in the neighborhood than for the children. In time these buildings should be made neighborhood centers, with Sunday and evening lectures and illustrated talks for adults.

### NIGHT SCHOOLS.

The fifth and last class of special schools which will be discussed here, like the fourth class and also the third up to the present, has to do with primary rather than secondary education. I refer to the night schools. In nearly every town there is at least one night school, and sometimes more. They are usually taught by the day school-teacher, making use of the same schoolroom and equipment, but registering perhaps double the number of pupils, mostly adults or pupils older than the day scholars, and teaching them in groups, according to their attainments, the elements of reading (English and Spanish), writing, and arithmetic. Nothing but the most elementary instruction, restricted to these subjects, is attempted, and when the pupils get beyond this they are requested to give place to others and either attend the day school or go elsewhere for further instruction. There were 18 night schools open during the academic year 1903–4, with an average enrollment of 1,200 pupils. The eagerness with which such opportunities are grasped by people long deprived of educational advantages is pathetic. An incident, only one of many, quoted in one of my annual reports illustrates this and speaks for itself: "We opened one night school recently in Ponce, notice being given at 2 p. m. that pupils would be matriculated at 8 p. m. the same day. At that hour, on only six hours' notice, 172 pupils presented themselves. The building would hold no more, and as many more persons were left standing in the street unable to gain admission to the building. We could take only 108 of the 172 who managed to enter the rooms where pupils were examined."

# VII. THE UNIVERSITY OF PORTO RICO.

It will be readily understood from what has already been said of the limited scope of secondary education in Porto Rico and the peculiar conditions under which the professional classes for a population of 1,000,000 people have been trained that there is an urgent need for professional schools in medicine, including pharmacy, engineering, and law at least, in addition to professional training for teaching. Probably not one in ten of the physicians now practicing in the island have ever seen a well-equipped, modern hospital, not to speak of having served an apprenticeship in one. Yet there are a few who have enjoyed the very best opportunities afforded in Paris, Madrid, or New York in all the professions enumerated.

The limited financial resources, so inadequate for the needs of primary education, could not be used for these schools. Private wealth was neither sufficient nor to be found in the hands of those educated to giving by the social standards of a Spanish-American country to endow private colleges or technical schools. The church was in no position to establish church schools for higher education. As far back as the time of the military government the suggestion was made in official reports that aid might properly come from the Federal Government, but Congress did not respond even to the extent of extending the provisions of the Hatch and Morrill acts for the endowment of colleges of agriculture and the mechanic arts to Porto Rico, as it had done for Alaska and for all the States and Territories of continental United States.

An insular legislature was in session in 1903, and was ambitious to make a record in matters pertaining to education. It had passed a codified school law, strengthening the foundations of the school system at every point, and a law that would have reflected credit on any State in the Union. A bill, or rather several bills, making appropriations of amounts varying from \$10,000 to \$20,000 for the starting of professional schools were presented in the lower house of the assembly and favorably considered. The amounts stated could have been spared only at great sacrifice, and they were so inadequate that it was reasonably certain they would not have accomplished the purpose contemplated. The situation was both pathetic and unavoidable. The department of education decided that the only way to meet it was to put on the statute books a comprehensive university law, following the general plan of organization of our most progressive State universities, as an expression of the needs and the earnest hopes of Porto Rico, hoping that it might appeal to the generosity of Congress and of the American people, from whom both public and private benefactions might be reasonably expected. The insular normal school, already in successful operation, was taken as the nucleus for the new university. The university law of March 12, 1903, may well be allowed to speak for itself. It is as follows:

## AN ACT To establish the University of Porto Rico, to amend section 973 [923] of the civil code of Porto Rico, and for other purposes.

### Be it enacted by the legislative assembly of Porto Rico:

SECTION 1. That an institution of higher learning is hereby established, to be known as the University of Porto Rico.

SEC. 2. That the university thus established shall provide the inhabitants of Porto Rico as soon as possible with the means of acquiring a thorough knowledge of the various branches of literature, science, and useful arts, including agriculture and mechanical trades, and with professional and technical courses in medicine, law, engineering, pharmacy, and in the science and art of teaching.

SEC. 3. The government of the university shall be vested in a board of trustees composed of the governor of Porto Rico as a member and its honorary president, the commissioner of education, as a member and its president; the attorney-general, the secretary, and the treasurer of Porto Rico, as ex-officiis members, and six other members, one of whom shall be the speaker of the house of delegates, to be appointed by the governor of Porto Rico, for a term of three years: *Provided*, That the first six trustees thus appointed by the governor of Porto Rico shall be for terms of one year, two years, and three years, respectively, and that after the first year two trustees shall be appointed in each and every year by the governor of Porto Rico for a term of three years. The governor of Porto Rico shall have power to fill all vacancies in the board of trustees for the unexpired term.

SEC. 4. The board of trustees shall constitute a body corporate under the name of "the trustees of the University of Forto Rico," with the right as such of suing and being sued, of making contracts, of making and using a common seal, and altering the same, of holding and transferring property, both real and personal, for the university. Six members present in person shall constitute a quorum for the transaction of any business, but a less number may adjourn from time to time and fix the time for meeting after such adjournment. The meetings of the board may be called at such times as it shall prescribe, but all meetings shall be at the university. No person connected with the university as professor, tutor, teacher, or other employee receiving a salary in said university may at the same time be a trustee of the university, and no trustee shall be entitled to or paid any compensation for his services as trustee, provided that trustees may be allowed by special action of the board, in each and every case voted upon separately, necessary travelling expenses while engaged upon university business. SEC. 5. The board of trustees shall elect from their own number a vice-president, who shall perform all the duties of the president of the board in his absence, and when both are absent the board may elect from their own number a president pro tem., who for the time being may act as president and do and perform all acts required of the president. It shall be the duty of the president to sign all contracts, orders, and every paper obligating the university for a valuable consideration, and such contract, order, or paper shall be attested by the secretary with the seal of the trustees thereto attached.

SEC. 6. The trustees shall elect a secretary and treasurer, who shall be one and the same person, whose duty it shall be to receive and receipt for all moneys of the university, keep all accounts which may be directed to be kept by the board, keep inventories of all property of the university as minutely as may be directed by the board, keep all records of their transactions as they may require, and otherwise do such clerical and executive work as may from time to time be directed by the board, and who shall at all times be under the immediate direction and authority of the president of the board except as otherwise explicitly directed by the laws of Porto Rico or the requirements of the board.

SEC. 7. The president of the board of trustees shall be the chancellor of the university, and as such shall perform the duties usually appertaining to such office. The board shall have power to enact ordinances, by-laws, and regulations for the government of the university; to fix, increase, and reduce the number of professors, teachers, and other employees of the university, appoint or remove the same, determine the amount of their salaries and to prescribe their duties: *Provided*, That no course of study, no subject of instruction, and no course of lectures or recitations may be inaugurated or put in force without the written approval of the commissioner of education for Porto Rico having been first obtained by the board.

SEC. 8. The university shall consist of the following departments to be organized in the order of their importance as soon as the necessary funds may be available, and it shall be the duty of the board of trustees to appeal to the philanthropy of public-spirited citizens of Porto Rico and of the several States of the United States for gifts and bequests of money, books, buildings, and equipment for this purpose in addition to such financial assistance as the government of Porto Rico may have given or may give the university for its endowment:

1. A normal department, to be known as the "insular normal school," for the training of teachers in the subjects taught in the public schools of Porto Rico, and to be supported by annual appropriations by the legislative assembly.

2. An agricultural and mechanical department for the training of teachers and for the promotion of agriculture and the mechanic arts, to be maintained in conformity with the requirements of an act of Congress approved August 30, 1890, being an act entitled "An act to apply a portion of the proceeds of the public lands to the more complete endowment and support of the colleges for the benefit of agriculture and the mechanic arts, established under the provisions of an act of Congress approved July 2, 1862," and the legislative assent required by section two of the act of Congress approved August 30, 1890, is hereby given and the conditions imposed by that act as well as those imposed by the act of Congress approved July 2, 1862, are hereby accepted and imposed by this act upon the university of Porto Rico, and all moneys accruing thereunder are accepted under the conditions and terms in said acts named.

- 3. A department of the natural sciences and engineering.
- 4. A department of liberal arts.
- 5. A department of medicine.
- 6. A department of law.
- 7. A department of pharmacy.
- 8. A department of architecture.
- 9. A university hospital.

10. And such other departments germane to a well-equipped university as the board of trustees may from time to time be able to establish.

The treasurer of Porto Rico is hereby designated as the officer to receive the grants of moneys to be paid to the State or Territorial treasurer or to such official as shall be designated by law of such State or Territory to receive same, as provided in an act of Congress of the United States, approved August 30, 1890, and entitled "An act to apply a portion of the proceeds of the public lands to the more complete endowment and support of the colleges for the benefit of agricultural and mechanical arts established under provision of an act of Congress approved July 2, 1862," and the assent of the legislative assembly of Porto Rico is hereby given to the purpose of said grants and to all the terms and conditions thereof as specified in said act of Congress. The treasurer of Porto Rico shall keep an account of the moneys hereafter received by him in pursuance of such act of Congress in a separate fund to be known as the university agricultural fund, to the credit of the University of Porto Rico, and shall pay such moneys immediately upon receipt thereof by him to the treasurer of the University of Porto Rico upon the warrant of the auditor of Porto Rico countersigned by the governor of Porto Rico and issued upon the order of the trustees of the University of Porto Rico in pursuance of said act of Congress.

SEC. 9. The immediate government of the several departments shall be intrusted to the chancellor and the respective faculties. The chancellor shall be the presiding officer of the various faculties and the executive head of the university in all its departments, and as such shall have authority—subject to the power of the board of trustees—to give general directions respecting the instruction and scientific investigations of the several departments. The board of trustees shall, with the chancellor and with the recommendation of the several faculties, confer such degrees as in their judgment they shall deem best, and issue certificates or diplomas of proficiency in special subjects or courses of study, but no strictly honorary degree without corresponding literary or scientific attainments shall be granted by the university.

SEC. 10. The university shall be open to students of both sexes under such restrictions and regulations as the board of trustees may deem proper, and all able-bodied male students of the university may receive instruction and discipline in military tactics. Provided, that instruction in the normal department for the training of teachers for public schools shall at all times be free to the citizens and residents of Porto Rico of both sexes within the age limits and subject to the conditions of admission which the board of trustees may impose.

SEC. 11. The board of trustees shall make an exhibit of the affairs of the university in each year to the commissioner of education, setting forth the condition of the university in all its departments, the amount of receipts and disbursements, the number of professors, teachers, and other officers, and the compensation of each, number of students in the several departments and in the different classes, the books of instruction used, and an estimate of the expenses for the ensuing year, together with such information and suggestions as they may deem important or the commissioner of education may require to embody in his report. Such report of the board of trustees shall be delivered to the commissioner of education on or before August 15 in each and every year, and shall contain statistical and other data as of the close of the fiscal and academic year ending June 30 previous. It shall be the duty of the commissioner of education to lay such report of the board of trustees of the University of Perto Rico before the legislature in each and every year.

SEC. 12. The secretary of Porto Rico shall deliver to the university 10 copies of each volume of the general and special laws of Porto Rico and of the reports of the decisions of the courts and of any other public documents distributed through his office or which may hereafter be published for use in the way of exchange or otherwise in the establishment and maintenance of the university library, and said library shall be entitled to receive copies of the official reports, when printed, of the several officials of the insular and municipal government of Porto Rico.

SEC. 13. To provide funds for the current expenses of the university and for the repairs of buildings, purchase of books, and for the purpose of any scientific work which may be conducted under the auspices of the university for the benefit of science or the State, there shall be established by the treasurer of Porto Rico a fund to be known as the university fund, into which he shall pay, pursuant to law, all the following-named receipts, which are hereby appropriated for said purpose:

1. Escheated inheritances. Section 923 of the Civil Code of Porto Rico is hereby amended to read: "In default of persons who have the right to inherit in accordance with the preceding articles the people of Porto Rico shall take the inheritance and shall devote the property to the benefit of the university fund."

2. Fifty per cent of all fines imposed by the insular courts of Porto Rico.

3. Royalties from all franchises or public rights which may be granted by the executive council and the proceeds of which the executive council may designate to be paid into the university fund.

4. The unexpended balances at the close of any fiscal year of moneys appropriated by the legislature to the department of education. The treasurer of Porto Rico shall submit to the trustees of the University of Porto Rico, semiannually or oftener if requested by said board, a statement showing the balances available to the credit of said board on account of the aforesaid university fund, and shall pay quarterly to the treasurer of the University of Porto Rico, upon the warrant of the auditor of Porto Rico countersigned by the governor of Porto Rico and issued upon the order of the trustees of the University of Porto Rico, all unexpended moneys that may accrue in said university fund.

SEC. 14. Twenty-five per cent of the proceeds from the sales of all public lands in Porto Rico are hereby appropriated and shall be set aside by the treasurer of Porto Rico to the credit of a special fund to be known as the "Permanent university fund," and so much more than 25 per cent of the proceeds from the sale of such public lands as the

legislative assembly may direct to be set aside for the special benefit of the University of Porto Rico. The treasurer of Porto Rico shall pay to the treasurer of the University of Porto Rico, upon the warrant of the auditor of Porto Rico, countersigned by the governor and issued upon the order of the trustees of the University of Porto Rico, annually, upon a date to be fixed [by] said treasurer of Porto Rico, all moneys accruing to the credit of said University of Porto Rico on account of the permanent university fund, and all such moneys thus paid by the treasurer of Porto Rico on account of the permanent university fund shall be invested by the trustees of the University of Porto Rico in interest-bearing securities, and only seventy-five per cent of the income from such investments may be used by said trustees in the payment of current expenses or for the construction of buildings or to purchase permanent equipment. The remaining 25 per cent of the income from such investments shall be added to the principal of the same and be reinvested in a like manner and subject to the same conditions as the original investment of all moneys received from [for] the permanent university fund. No investment of moneys received from [for] the permanent university fund shall be made by the board of trustees in securities without first obtaining the written approval of the treasurer of Porto Rico, certifying that in his judgment the securities selected for such investment are satisfactory.

SEC. 15. For the further endowment of the University of Porto Rico, the governor of Porto Rico is hereby authorized to execute a quitelaim deed to the trustees of the University of Porto Rico for the tract of land comprising about 50 acres, together with the buildings thereon erected, situate in the town of Rio Piedras, and known as the insular normal school property, upon which shall be located the normal department of such university and the agricultural and mechanical department, together with such other departments as the board of trustees may decide to locate on this land: *Provided*, That nothing in this section shall be construed to prohibit the trustees of the University of Porto Rico from establishing other departments of the university or departments supplementary to the two departments herein mentioned at other places in the island of Porto Rico: *And provided further*, That nothing in this act shall be construed to prohibit the trustees of the University of Porto Rico from disposing of any part of this land which may not be needed, for the benefit of the university.

SEC. 16. Immediately upon the transfer of said insular normal school property to the University of Porto Rico, the commissioner of education is hereby authorized to transfer to said trustees of the University of Porto Rico all the equipment, including books, desks, and apparatus, and other school materials now or then appertaining to the insular normal school and its various departments, and the treasurer of Porto Rico is hereby authorized and directed to pay to the treasurer of the University of Porto Rico, upon warrant of the auditor of Porto Rico countersigned by the governor and issued upon order of the trustees of the University of Porto Rico, all moneys appropriated for the insular normal school in the budget of the department of education and unexpended at the time of said transfer of property, and equipment of the insular normal school: Provided, That the treasurer have the written approval for such transfer from the commissioner of education and a certified copy of a resolution of the board of trustees of the University of Porto Rico, setting forth that the university agrees to continue in operation said normal school as a department of the university without interruption to its course of study or of the privileges now extended to the regularly matriculated students of said school: And provided further, That said board of trustees assume all obligations and outstanding contracts appertaining to the administration of said normal school which may have lawfully been made by the commissioner of education previous to the date of said transfer.

SEC. 17. All laws, or parts thereof, decrees, or military orders in conflict with this act are hereby repealed.

SEC. 18. This act shall take effect from and after its approval.

Approved March 12, 1903.

This law was amended in March, 1905, by making the speaker of the house of delegates an ex officio member of the board of trustees, thus increasing their number by one, and providing for an executive committee to act for the board in the interval between regular quarterly meetings.

The normal school, which became the first department to be organized under the new law, was greatly strengthened in its courses and organization. An additional tract of land of about 50 acres, with a good plantation house, adjoining the normal school property, was purchased at public sale in June, 1903. The house is now used as the residence of the director of agriculture, and is a dormitory for some 20 students in the agricultural department, which was established in June, 1904, and formally opened in September of the same year.

Great care was taken in drawing the law to conform to the conditions which Congress would impose if it saw fit to extend the benefits of the Hatch and Morrill acts to Porto Rico, and an amendment to a bill then pending in Congress relating to Porto Rican matters was introduced in 1903 extending the provisions of those acts to Porto Rico. That bill has passed both the Senate and the House of Representatives in Washington without opposition, but at different sessions. Owing to the pressure of other business it has been impossible up to the present time to get the bill considered in both Houses of Congress at the same session, though an earnest effort has been made by Senator Foraker and the Porto Rican Commissioner, Mr. Degetau, in the House, and by other friends of Porto Rico in both Houses. The present Porto Rican Commissioner at Washington, Mr. Tulio Larrinaga, will renew these efforts, and the bill will be introduced again at the next session of Congress with good hopes of success. When it becomes law the agricultural department will receive from \$30,000 to \$40,000 per annum from the Federal Treasury, and this will be the first direct aid given by Congress to the educational work in Porto Rico. It will be sufficient to start a much-needed and a most promising department of our work, one which it is hoped will not only give the agricultural interests of the island the results of the latest scientific studies of tropical agriculture, in addition to the very valuable work that the United States Agricultural Station at Mayaguez has been doing for several years, but also bring these results more directly to the people when connected with a teaching corps that will disseminate them through pupils trained to take charge of the agricultural rural and the regular rural schools. As we have already pointed out, it is the lack of properly trained native teachers of agriculture that has retarded the growth of the agricultural rural schools and has made the results obtained in them much less than was expected at the outset.

The need for professional schools in medicine, engineering, and law has not yet been met, but the university organization is now in shape to take up the question and to open these departments as soon as the necessary financial support can be obtained. Some of the best-educated and most patriotic Porto Ricans are members of the university board. They may be able to appeal for endowment to those who have acquired large private wealth in the island, and the Americaus on the board and the government officials will doubtless improve every opportunity to present the strategic value which a great pan-American university, situated on American territory in the Tropics, would have as a means of training men in American culture and a knowledge of American political and social institutions, to more adequately represent us in all the relations we sustain to the peoples of Latin-America and of all the countries to the south of us, with whom our relations in the future are bound to increase in We do not understand the Latin-American and he does not importance. understand us. What more important patriotic work lies at our door if we think for a moment of the diplomatic problems of the next century in the great Republic, and what better institution can be devised for accomplishing that work than a great university where American and Spanish scholarship might meet on common ground and exchange the best products of two equally great, but radically different, civilizations, the one at present in the ascendency, but not too self-confident to profit by the brilliant past of the other? San Juan is also no mean city to be the seat of such an institution. When the Isthmian Canal is completed the world's commerce will pass to and from the ports of Europe and those of the Pacific, while our coast trade with South America must

needs find it a port of growing importance as a transshipping station. The private philanthrophy which showers its gifts on the colleges and universities of the home land may well look to the University of Porto Rico when it seeks even more profitable investments, measured in terms of growth, character, and human usefulness.

# VIII. PORTO RICAN AND AMERICAN TEACHERS.

The teacher is the true measure of the strength or weakness of any school system. No account of the Porto Rican schools is even measurably complete without special consideration of the work of the native teachers and their relations with their American colleagues.

During the past five years we have had on the average from 1,000 to 1,400 different teachers employed each year, of whom approximately seven-eighths each year have been Porto Ricans and one-eighth American, two-thirds of the Porto Ricans being men and one-third women, while just the reverse proportion in the sexes held good for the Americans; 8 per cent of the Porto Ricans were colored.

The Porto Rican teachers are for the most part ambitious young persons, and the women are making relatively greater progress than the men. They are not lacking in industry and perseverance. They have had meager advantages in their preparation, and they suffer from the lack of stimulating companionship. Most of them are deprived of the aids that come from good libraries, lectures, and music. The difficulties of transportation can scarcely be appreciated by us in the north, and hence the impossibility of frequent teachers' meetings, institutes, and like agencies for mutual helpfulness. Many superintendents are not able to see all of their teachers as often as once a month in term time. But they grasp eagerly at any opportunities that are offered them for self-improvement. Most of the old teachers' licenses were such unreliable indexes of merit or attainment that it was necessary to begin with a new system and issue teachers' licenses for one year at a time, whether granted upon examination to new teachers or upon the basis of old diplomas and teaching record. These new licenses were renewed from year to year upon the recommendations of the district superintendents. This put each teacher on his mettle and gave the superintendent a firm control. It doubtless worked a hardship in individual cases and caused considerable discontent. Complaints were always patiently heard by the commissioner or his representatives in San Juan, when made either in writing or in person, and frequently the decisions of superintendents were overruled. I believe that the system was a necessary step in the normal development and on the whole did no injustice. The codified school law of 1903, which still obtains in the island, gives the general qualifications and classification of teachers as follows:

SEC. 35. Teachers of schools in Porto Rico shall be designated as rural, graded, teachers of English, principal teachers and special teachers, the latter class comprising kindergarten teachers, music and drawing teachers, teachers of sloyd, teachers of trades and special subjects in industrial schools, teachers in the normal and high schools and special schools, teachers [teachers of] stenography and typewriting, and all other teachers not otherwise classified who may at any time be employed in school work under the direction of the commissioner of education. They shall all be persons of good moral character and possessed of the necessary requirements for their several positions as may be prescribed by law and certified to by a certificate or license to teach issued by the department of education over its own seal and the signature of the commissioner.

SEC. 36. Teachers shall pass an examination for a license to teach in the rural schools of Porto Rico in: (1) English language, (2) Spanish language, (3) arithmetic, (4) geography, (5) history of the United States and of Porto Rico, (6) methods of teaching.

SEC. 37. Candidates for a license to teach in the graded schools of Porto Rico shall pass an examination in; (1) English language, (2) Spanish language, (3) arithmetic,

(4) geography, (5) history of the United States and of Porto Rico, (6) methods of teaching.

SEC. 38. Candidates for a license to teach as principal teachers shall pass an examination in all of the studies for a license to teach in the graded schools and in addition thereto in: (7) Algebra, (8) geometry, (9) physiology, and such additional studies as the commissioner of education may require: *Provided*, *however*, That no additional studies shall be required without giving at least six months' notice of such additional studies. Licenses to teach as a principal teacher may be granted without examination on the basis of a certificate of graduation from the insular normal school or from any other accredited normal school, college, or university: *Provided*, That such applicant possesses also an elementary knowledge of the Spanish language, to be tested by examination.

SEC. 39. No person shall be granted a license to teach in a rural school who has not attained the age of seventeen years. No person shall be granted a license to teach in the graded schools who has not attained the age of nineteen years, and who has not had at least one year's experience as a teacher. No person shall be granted a license to teach as a principal teacher who has not attained the age of twenty-one years, and who has not had at least two years' experience as a teacher: *Provided, however*, That any person who has finished satisfactorily a two years' course in the insular normal school of Porto Rico (exclusive of the preparatory year) may be granted a license to teach if he possesses the other qualifications, without having any other experience as a teacher: *And provided, also,* That any person who has received a diploma from said normal school shall be entitled to receive a license to teach as a principal teacher without further examination or further requirements upon reaching the age of twenty-one years and having had one year's experience as a teacher in the schools of Porto Rico.

SEC. 40. Teachers of English shall be graduates of a first-class high school, normal school, college, or university, or a teacher of extended experience holding a high grade certificate from some State of the United States, or they shall pass an examination in the English language, including writing, spelling, reading, and grammar, arithmetic, geography, history of the United States, physiology, and methods of teaching. In every village and city maintaining a graded system of schools there shall be at least one teacher of English and as many more as the commissioner of education may appoint. All teachers of English shall be selected and appointed by the commissioner of education and shall perform the duties he may assign to them. But in all other respects they shall be subject to the same conditions and regulations governing graded teachers.

SEC. 41. No license to teach in the public schools of Porto Rico shall be issued to any person over sixty years of age.

In 1904 we made a change in the system of licenses, by which a teacher whose license had been annually renewed for three years could be renewed for a further period of two or three years at the discretion of the commissioner, and if so renewed for the longer period the teacher could not be removed from his school by the local school board during the period of such renewal, except upon charges and for cause. Such renewals for the longer period were made in many cases for the year 1904–5 upon the record of work done during the previous three years, for which the written reports on file in the department are reasonably complete.

Another requirement as a condition of renewal which is strictly adhered to is that every Porto Rican teacher must take an examination annually in the English language and show reasonable progress from year to year. A similar requirement is made of American teachers with respect to Spanish, though it has been enforced in a different way.

Porto Rican teachers are elected by the local school boards from approved lists of licensed candidates, which are first submitted to the commissioner for approval. The board may submit a hundred names for approval, if it so desires, even if it has only five vacancies to fill, so that its choice is limited by this plan only by the number of licensed persons in the island. After election the board signs the contract with the teacher in the form prescribed by the commissioner, who then passes upon it, and if he approves it the salary specified is paid by the insular department, though the board is required to pay an additional monthly allowance, known as house rent, which amounts in reality to a small part of the salary being paid by the local board. The idea of house rent is a survival from the period when some teachers were allowed to live in the schoolhouses and those who were not were granted a money equivalent.

The rates of pay are fixed by the commissioner within limits set by the legislature, but must be uniform for like grades of teaching. The rural teachers of the third class—that is, those who have taught less than three years—receive \$25 per month salary and from \$3 to \$8 per month house rent; those of the second class—that is, those who hold diplomas or special certificates from the Insular Normal School, irrespective of the length of time they have taught, and all licensed teachers in actual service in 1902–3 whose licenses were renewed for 1903–4—receive \$30 per month salary; and rural teachers of the third class—that is, with five years' teaching experience—after July 1, 1903, will receive \$35 per month salary. The house-rent allowance remains the same for all three classes and salaries and house rent are paid for nine months. Graded teachers receive: First class, \$55; second class, \$50; third class, \$45 per month salary, with house rent from \$10 to \$15 per month salary, with from \$10 to \$15 per month salary, with from \$10 to \$15 per month salary, with from \$10 to \$15 per month salary.

Teachers of English are not divided into classes, but are paid \$50 per month and house rent, the same as graded teachers. They are treated in all respects, as to salary, regulations, etc., as graded teachers. It has worked some hardship and injustice to the American teacher, who has to pay on the average at least \$100 per annum for traveling expenses if she wishes to go home to the States in the summer-and this she ought to do in order to be in the best physical condition for the next year's work. During her residence in Porto Rico she must also necessarily pay more than the native teacher for board and living expenses. The only offset has been the opportunity of giving private lessons in English. Some of the American teachers have been compelled to do this to an extent that impaired their health. One year we tried to equalize this matter by granting American and Porto Rican principal teachers who spent the long vacation in the United States a travel allowance of \$100, payable upon vouchers after their return to their posts, but the plan did not work well. Now the American teacher who is reappointed for a second year receives \$60 per month salary for the second year and all successive years. This represents an increase of \$90 for the year, and helps to hold good teachers who are easily worth the difference after the first year's experience.

The salaries of special teachers are fixed by legislative enactment at the time such work is authorized, or in the annual appropriation bill separately itemized, or by the commissioner, subject to the approval of the executive council, if paid from general items of appropriations.

The Porto Rican teachers work hard to equip themselves for the best paid positions. Most of them are married, with large families dependent on them for support. They are extremely poor and can not, as a rule, leave their homes for any length of time to avail themselves of opportunities for study or selfimprovement. For two years summer normal courses were given at San Juan or at the insular normal school, but this plan was given up as unsatisfactory. Frequent conferences in the larger towns are held by those sent out by the department or by the district superintendents, and for two years a system of institutes has been successfully carried out. An institute is held for a period of three days to one week in each superintendent's district. The schools are closed, and all teachers in attendance receive full salary for the time they are excused from their schools.

During the summer of 1904 a study trip to the United States was arranged, and 540 Porto Rican teachers spent five weeks in summer study at either Harvard or Cornell University and one week in travel seeing the cities of Boston, New York, Philadelphia, and Washington. A special act of Congress gave us free transportation on two army transports. Each teacher who joined the expedition contributed one month's salary, which yielded \$21,175, to a special fund, to which the citizens of Boston, New York, and Philadelphia by public subscription contributed the further sum of \$15,600, making in all over \$36,000, which paid the board, tuition, land travel, and incidental expenses of the trip. Small as was the financial outlay demanded of the teachers, when we consider that many of them had to make provision for their families during their two months' absence it is a remarkable sign of their earnestness of purpose that nearly one-half of the entire native teaching body of the island participated in this expedition. They are still writing, lecturing, and talking about their experiences, and the results for good are easily noticeable in every schoolroom in the island, in those of teachers who could not go, as well as in those of teachers who came back with a new sense of what the Americanization of Porto Rico may mean for the people of Porto Rico, depending, as President Roosevelt said to them at the White House, upon how they and their colleagues do their work, which in turn will largely determine whether the next generation of Porto Ricans shall perform well or ill their work in the world.

The American teacher in Porto Rico is entitled to no small measure of praise. At the outset there were some unworthy representatives of our schools at home, adventurers who came for selfish reasons to see a new country or to get an introduction to business opportunities or because they could fill no place at home. Such unworthy teachers were soon weeded out. Nothing but the highest standard of service and the true teacher-missionary spirit is wanted, and we have succeeded in getting that to an extent that far exceeded our expectations. During the year ending in June, 1904, there were 164 American teachers employed—58 men and 106 women—of whom 145 were in service at the end of the year. Fiftyseven of these were graduates of colleges or universities, 38 were normal school graduates, and 38 more graduated from a high school in the United States. Application blanks are furnished to all who apply for them. When properly filled out, giving full information concerning the schooling of the applicant, teaching, experience, age, and physical qualifications, and accompanied by a photograph, they are carefully scrutinized, the applicant's references are communicated with by correspondence, and, if satisfactory, the applicant is appointed for one year on trial. Few persons are appointed who have not had teaching experience of several years in some good school in the States. Seventy-eight of the American teachers employed in 1903–4 came from Massachusetts, New York, and Pennsylvania, and most of them had extended experience in the schools of those States, while 27 States were represented. As a body they are faithful and worthy representatives of the great Republic, and the future relations of the "Pearl of the Antilles" to the new mother country will be largely determined by their work and influence.

# IX. PORTO RICAN STUDENTS IN THE UNITED STATES.

The question has often been asked whether it would not be wiser to spend all the money available for any form of secondary education in sending young Porto Ricans to the high schools, professional schools, and colleges in the United States, rather than to attempt to organize any instruction of this grade in Porto Rico. The answer which a careful study of all phases of the question has invariably brought is that both lines of effort must be made. They meet different

日日日日日日日

# THE AMERICAN SCHOOL SYSTEM IN PORTO RICO.

sets of conditions, reach different groups of students, equally deserving of assistance, and are not alternatives at all.

While the transports of the military government were still plying between San Juan and New York, arrangements were made by the first commissioner of education under the civil government to send a group of over 60 Porto Rican boys and girls to the United States Government school at Carlisle. Some of these boys and girls are still there, and nearly all have done well; but under a recent ruling of the Department of Indian Affairs no more appointments of Porto Ricans can be made to Carlisle, not even to fill the vacancies caused by the withdrawal of Porto Rican students at the institution, and those who return to their homes in Porto Rico during vacations are not allowed to go back to Carlisle.

The first legislative assembly in Porto Rico voted the sum of \$15,000 to send and maintain 45 students in the States for a year, and this appropriation has been continued each year since 1901. These boys and girls are sent under the following provisions of the codified school law, which vary but little from the original law creating these traveling scholarships:

SEC. 68. There shall be selected annually, as hereinafter provided, a number of poor young men of robust constitution and good conduct, who shall be sent to the United States and maintained there at the expense of the people of Porto Rico for a period not to exceed five years devoted to the study of such subjects as the commission hereinafter provided may determine. The number of young men upon whom this privilege shall be bestowed shall at no time be in excess of 25, and the total expenses in each case shall not exceed the sum of \$400 per annum. The young men thus selected shall be sent to the United States as soon as provisions have been made for them in accordance with this act.

SEC. 69. The president of the executive council and the speaker of the house of delegates, together with the commissioner of education, shall form a commission that shall prepare the rules under which these young men shall be selected, and shall have charge of them during the time they are engaged in study under this act.

SEC. 70. The commission shall keep regularly informed of the conduct and progress of each beneficiary and secure all other data that they may consider necessary. They may also withdraw support from any beneficiary upon proper proofs being presented of misconduct or bad faith of any beneficiary under this act.

SEC. 71. By and with the recommendation of the commissioner of education for the island of Porto Rico there shall be maintained each year twenty good and worthy young men and women from Porto Rico in the United States, to be educated in the various arts and trades that may best qualify them to assist in the improvement of conditions of Porto Rico.

SEC. 72. Each person receiving said appointment shall receive from the general government of Porto Rice a sum not to exceed \$250 per annum, and shall pursue the studies or trades as agreed upon by the said commissioner of education and the applicant before finally receiving said appointment.

SEC. 73. The colleges or institutions designated to which the said students shall attend are Hampton Institute, Hampton, Va., and Tuskegee Institute, Tuskegee, Ala., and such other similar educational institutions as the commissioner of education may from time to time specify.

SEC. 74. The commissioner of education shall have the right to cancel or withdraw the support at any time upon proper proofs being presented of misconduct or bad faith of any of the beneficiaries included under this act subject to the approval of the executive council.

SEC. 75. There shall be sent to the commissioner of education from the authorities of the college or institution at which the said students are in attendance a quarterly report of the conduct and advancement of each student so attending.

SEC. 76. The students who may receive the appointments shall at no time exceed twenty in number, ten young men and ten young women, and no one shall receive the benefits of this act for a longer term than four years.

SEC. 77. The twenty beneficiaries referred to in section 72 [71] shall in no case be sent from the same district or county, and the commissioner of education shall therefore confer this favor with the greatest equity among all the young persons of the island. A necessary qualification shall be that the parents of the beneficiaries shall be poor.

One important modification in the above law was made by the legislature of 1904, which required that henceforth only graduates of the eighth grade of

4

the public schools of Porto Rico should be eligible to appointment for the \$400 scholarships, and further provided that under certain conditions a limited number of young workingmen might be sent to shops and factories in the States, where they might be employed so as to learn trades and their earnings might be supplemented by scholarship allowances.

The reports received of the standing of these young people in their respective schools have been of the most satisfactory sort. Selected as they were on competitive examinations, these students were undoubtedly among the best-prepared pupils in Porto Rico, but it was hardly expected that their preparation would enable them to stand on a par with our best American students. Yet this has been the case, and in many instances Porto Rican pupils have received the highest standing given in their various classes. Several have graduated from our best preparatory schools and won scholarships at our best American universities. Eighteen of these students at the close of the academic year 1903-4 had spent three years each in the States and were then doing well at the following institutions: One each at Haverford College, Rutgers, Cornell, Wesleyan, Cushing Academy, Albany Medical College, Pennsylvania State College, Massachusetts Institute of Technology, University of Michigan, University of the City of New York, University of Maryland (medical school), Worcester Academy, Deichmann School (Baltimore); two at Jefferson Medical School, and three at Lehigh University. Four more were in their first year at Northwestern, Juniata College, and Pennsylvania State Normal School. Thirteen were at Tuskegee Normal and Industrial Institute, three at Tougaloo University, and one at Jasper, N. Y. The remaining six places were filled by new appointees who had not yet left Porto Rico.

With a very few exceptions no occasion for discipline has arisen, and these young boys and girls have proven themselves worthy recipients of public aid. Many have scored most unexpected academic victories, and all are pledged to return to Porto Rico to do their share in the uplift of their fellows. It is to be regretted that the financial resources of the island will not permit the expenditure of a larger annual sum than \$15,000 in this excellent experiment.

# X. INSULAR LEGISLATION FOR EDUCATION—FINANCIAL RESOURCES—COST OF SCHOOLS.

The military government instituted in October, 1898, came to an end April 30, 1900, and the act of Congress providing civil government for Porto Rico went into effect May 1, 1900. The civil duties of the military authorities were performed with such great efficiency on the whole that many of the most intelligent Porto Ricans and most Americans in the island would have been glad to have seen the period of military rule extended for a few years, until the Porto Ricans had become more familiar with efficient public administration before being called upon to legislate for themselves and to execute their own laws. But public sentiment in the United States was naturally impatient to see more democratic institutions established than are possible under military government. Under the organic act for Porto Rico, which went into effect on May 1, 1900, the powers of government under Congress, and subject to a certain control or veto power retained by Congress, were vested in a governor and six heads of executive departments (the secretary, the attorney-general, treasurer, auditor, commissioner of interior, and commissioner of education) and a legislative assembly consisting of two houses—the executive council, composed of the six heads of departments and five other members, all appointed by the President of the United States, by and with the consent of the Senate, and the house of delegates, composed of thirty-five members, to be elected by the people of Porto Rico, five from each of seven electoral districts. At least five members of the executive council must be Porto Ricans, and the governor is also appointed by the President of the United States for a term of four years in like manner as the members of the executive council.

The first election for members of the house of delegates was held in November, 1900, and the first legislative assembly was organized in December, 1900, and sat for sixty days (until February, 1901). Since that time no law has been or can be enacted without the approval of a majority of all the representatives elected by the people as members of the house of delegates and the approval of a majority of all the members of the executive council, appointed by the President of the United States, and the approval of the governor.

It would carry us beyond the scope of this paper to attempt to estimate the character of all the legislation enacted by this insular legislature in the five regular and two extra sessions already held. Not even all the enactments on the subject of education can be examined here, although I think that the work of these legislative assemblies would not suffer in comparison with other legislative bodies if judged by this standard.

A good school law was enacted at the very first legislative session, and remained in force, with minor modifications and additions, for over two years, after which it was made the basis of a more comprehensive statute known as the codified school law of 1903, which is still in force, with slight additions and modifications.

The organic act centralizes the control of the schools very largely in the hands of the commissioner of education, and the codified school law in conformity therewith defines the powers of the commissioner, in sections 2 and 66, as follows:

SEC. 2. The commissioner of education is hereby authorized and directed to establish and maintain a system of free public schools in Porto Rico for the purpose of providing a liberal education to the children of school age-i. e., between the ages of five and eighteen years; to establish higher institutions of learning, including colleges, universities, normal, industrial, mechanical and high schools, together with such other educational agencies as said commissioner may find necessary and expedient in order to promote the educational development of the island. In addition to the rural and graded schools which shall constitute the regular common school system, said commissioner is hereby authorized and directed to establish, maintain, and direct, so far as the resources placed at his command will permit, such special schools as in his judgment are necessary to meet special educational needs, such as kindergarten schools, night schools, agricultural schools, professional and commercial schools, and schools in penal and charitable institutions, either under private or public management, where the same can be maintained in general harmony with the public school system and in harmony with its general standards, provided that the pupils in said special schools may include others than those of school age. The commissioner of education, the assistant commissioner, the secretary of the department, and the general superintendent of schools shall have power to administer oaths and take sworn testimonies on school matters.

SEC. 66. The commissioner of education being required by act of Congress of April twelve, nineteen hundred, to supervise education in Porto Rico, he shall, to comply with said act, approve all disbursements made on account thereof; he shall appoint from time to time supervisors or superintendents of schools, who shall be subject to the commissioner in all respects; he shall prepare and promulgate all courses of study for the school [schools]; he shall conduct all examinations for teachers' certificates and issue licenses or certificates to teachers; he shall fix the salaries of teachers, provided always the amounts so designated shall not be in conflict with law; he shall select and purchase all school books, supplies, and equipments necessary for the proper conduct of education, except as otherwise provided by law; he shall approve all plans for public school buildings to be erected in Porto Rico; he shall require and collect such statistics and reports from school boards, superintendents, and teachers as he may from time to time deem necessary to the welfare of the school system, and he shall formulate such rules and regulations as he may deem necessary for the effective administration of hls office.

ED 1905-VOL 1-25

The law then provides for the election of three school directors as a school board in each municipality or county, defines their qualifications, requiring that they be citizens of Porto Rico or of the United States', residents of the school district in which they are elected for at least six months previous to such election, and able to read and write. The chief duties and powers of school boards are defined in sections 5 to 18, inclusive, as follows:

SEC. 5. On the first Monday after the first Sunday in January following a municipal election the school board shall meet in ordinary session and proceed to the election from their own number of a president and a secretary, certifying said organization and officers to the commissioner of education. They shall in like manner proceed to the election of a treasurer, who may be the treasurer of the municipality, but who shall not be a member of the school board, and who must be a duly qualified voter of the municipality. The election of said treasurer shall be certified to the commissioner of education in like manner as that of the president and secretary. The treasurer of the school board must conform in every condition and respect to the regulations provided by law for the regulation of duties of treasurers of municipalities. He shall pay only such amounts as are authorized by warrants signed by the president and the secretary of the school board, and no account shall be allowed unless previously ordered at a regular or duly called meeting of the said school board, and the date of said meeting shall be stated in the warrant. He may be paid an annual salary by the school board in such amount as is provided for in the budget of the school board and duly approved by the commissioner of education, but said salary shall not exceed two per centum of all funds actually disbursed by said officer. The president and secretary shall perform such duties as usually appertain to such offices, and shall make such report to the commissioner of education as he may from time to time require.

SEC. 6. Immediately upon its organization the school board shall fix a regular date upon which to meet each month. Special meetings may be called upon three (3) days' notice being given and signed by the president of the board or by any two (2) of the members of the board or by the school superintendent of the district. The board shall meet monthly, or oftener, as required, and all meetings shall be held in the alcaldia or other public place, and two members shall constitute a quorum. The school superintendent of the district is ex officio a member of the school board and entitled to participate in its discussions; to receive notice of its meetings, to examine its minutes, records, and accounts in like manner as a duly elected member of the board, but he is not entitled to a vote.

SEC. 7. School boards shall have charge of all school buildings in their respective districts; they shall have the power to erect, repair, remodel, and improve school property, rent buildings for school purposes, provide suitable furniture and equipment for the same, employ janitors for school buildings, repair and keep in order suitable outbuildings, pay house rent for teachers, and keep in order all school buildings in their respective districts. They shall have the custody of and shall keep in repair all school buildings erected by the insular government, although the title to the same is vested in the people of Porto Rico, so long as said buildings are used for school purposes, and in general they shall perform such duties as the commissioner of education may require in accordance with the school laws.

SEC. 8. The school board of each municipality may hold in the corporate name of the municipality the title to lands and other property which are now owned or may be acquired for school purposes in such districts, and no property so held by the school directors for school purposes shall be subject to taxation.

SEC. 9. Whenever the purpose of a meeting of the school board or of a municipal election is to authorize taxation or indebtedness for school purposes, such meeting or election shall not be legal for such purposes unless its object be advertised, together with the time and place of such meeting or election for at least thirty (30) days previous.

SEC. 10. Whenever the school board provides but one school building in any urban center of a municipality even though said building contains more than one class, each and every class thus maintained shall be open to both sexes, and likewise all rural schools. When, however, in any urban center there is more than one school building provided and said buildings are no more than one kilometer distant from each other, one building may be devoted to classes for boys and the other to classes for girls, if the school board so desire. All schoolhouses and class rooms shall be entirely separate and upon different premises from the residence of the teacher or any other family, or from any place of business.

SEC. 11. Whenever it shall become necessary for a school board to acquire a site for a school building or for an addition to a schoolhouse site and the same can not be acquired by agreement of sale with the owners thereof, the board is hereby given the right of eminent domain to proceed to condemn said property for school uses. The

method employed in said condemnation proceedings shall be in accordance with the law of eminent domain then in force.

SEC. 12. A school board in a municipality in its corporate capacity and organized in accordance with this act may sue and be sued in the name of the board.

SEC. 13. The school boards shall see that all public schools supported by public taxation, either local or insular, are known as public schools and that admission to them shall be free of all charge. It is, furthermore, the duty of the school board to see that no teacher accepts fees for instruction given in the public schools during school hours.

SEC. 14. Whenever proper school quarters are not provided by the school board within ten (10) days from the receipt of notice from the commissioner of education that such quarters shall be provided, the commissioner, through the school superintendent of the district, may contract for the use of a suitable building or rooms for the public school in question, and such contract shall be recognized as valid against the school board in whose jurisdiction the school is located, and suit for the amount of said rent may be brought against the school board by the owner of the property thus rented in any court of competent jurisdiction, and if judgment be in favor of the claimant, such judgment shall be recognized as a legal claim against said school board.

SEC. 15. If the school board fail to provide teachers for the schools, or if vacancies occur during the school year, and the school board fail to fill the same within fifteen days after notice from the commissioner of education that such appointments should be made, the commissioner shall appoint the teachers, and such appointments shall be valid for the remainder of the school year.

SEC. 16. The school directors shall have the right to visit their schools as frequently as possible, and to report to the district superintendent on the work of any teacher. They shall supply the necessary school equipment in accordance with the recommendations of the school superintendent, cooperating with the latter to remedy all defects noted. If the school board does not remedy the defects in school equipment, the superintendent may bring the matter officially to the attention of the commissioner of education, and the board shall cooperate with the department of education in promptly removing any unsatisfactory conditions in the schools.

SEC. 17. The school boards shall supply desks, school furniture, bookcases, chairs, and desks for teachers, clocks, proper receptacles for drinking water, supplies for janitors, and all other necessary equipment for the schoolroom, except text-books and such stationery supplies as the department of education may furnish, for the schools of their respective districts, and they shall provide suitable storerooms in such towns as the district school superintendent may indicate for the safe custody of schoolbooks and supplies, and shall pay the cost of transportation of said books and supplies to and from said storerooms to their schools whenever it may be necessary, or whenever directed to do so by the commissioner.

SEC. 18. The location or assignment to a particular school of a teacher within the jurisdiction of a school board shall be determined by said board and the school superintendent of the district. In cases where the school board and the school superintendent fail to agree, the matter shall be referred to the commissioner of education, whose decision, after due and proper investigation of the facts in the case, shall be final. This rule applies only to the location or assignment of teachers who shall have been duly nominated by the school board, approved by the commissioner of education, and elected by the school board.

Further provisions of law relating particularly to school boards are found in sections 25 to 30, inclusive, and in sections 42, 58, and 59, as follows:

SEC. 25. The secretary shall record the proceedings of the school board in a book provided for that purpose. He shall enter therein copies of his report made to the school superintendent or to the department of education, and keep and preserve carefully all records, books, and papers belonging to his office, and deliver the same to his successor in office; he shall act as secretary of the district in all its meetings, or, if absent, record the minutes of the secretary pro tempore; his minutes shall show all disbursements authorized by the school board, and he shall keep an account of all expenses of the schools and schoolhouses and record the cost of outbuildings, fences, and all the conveniences of the schoolroom, such as charts, maps, blackboards, and school libraries, provided by the board. He shall issue vouchers for all amounts owed by the board, as shown by the disbursements authorized in the minutes, when they become due, which vouchers, when countersigned by the president, shall become orders upon the treasurer of the board for their face value. Each youcher shall be dated and numbered and shall state the service or consideration for which it was drawn and the names of the parties rendering such service or consideration, and shall be recorded by the secretary in a book kept by him for that purpose.

SEC. 20. Section 207 of the Political Code is hereby amended in so far as it applies

to school directors who desire to resign from office, and said school directors are hereby required to send their resignation in writing to the commissioner of education, who must act upon the same within ten days after its receipt.

SEC. 27. When a school director is accused of any felony or crime under the laws of Porto Rico he shall be suspended from the position he holds by the commissioner of education, and if he is convicted of any crime or felony, he shall be permanently dismissed from his position and the commissioner shall appoint a substitute.

SEC. 28. The commissioner of education shall also suspend or dismiss from his position a school director for offences committed in the performance of his duty as such director after having preferred charges of the offences in writing, copies of which charges shall be sent to the person against whom said charges are brought, to the members of the school board of the district, to the mayor of the municipality, and to the supervisor [superintendent] of schools of the district: *Provided*, That a reasonable length of time shall be given in which the interested person may present to the commissioner of education a written answer to the charges: *And provided further*, That at the expiration of said time the action of the commissioner shall be stated in writing and copies of the same shall be sent to the same parties who were entitled to receive copies of the charges preferred. A certified copy of the action taken by the commissioner of education, together with a copy of the charges preferred and any answer which may have been filed, shall be placed together on file in the records of the department of education.

SEC. 29. Vacancies in the school board, whether caused by death, resignation, removal from the district, failure to attend stated or called meetings for two consecutive months, or removal by the commissioner of education, shall be filled by appointment for the unexpired term, to be made by the commissioner of education within one month of the date when said vacancy occurred: *Provided*, That no one shall be thus appointed who is not a qualified voter of the school district and who is not certified as a member of the same political party as the immediate previous incumbent of the position which it is desired to fill. A written statement of the president of the party or any two members of the executive committee of the party shall be considered sufficient evidence that the appointee is a member of the party as stated: *Provided further*, In cases where no member of the party of the previous incumbent who possesses the qualifications required by law for the `office of school director can be found who is willing to serve in said position, then the said commissioner of education may appoint anyone qualified to fill the position, without reference to his political status.

SEC. 30. Each school board shall annually on or before June first make a report to the commissioner of education, specifying the number of schools they desire to open in their district for the next ensuing school year. This report shall specify the number of rural, graded, principal, and English teachers required, and also the number of special teachers or teachers of special schools, such as agricultural, kindergarten schools, night schools, etc., required, and the commissioner of education shall at once proceed to consider such report, informing the respective school boards not later than July first of the number of schools and teachers that may have been assigned to their respective districts.

SEC. 42. Teachers shall be suspended from their positions by the commissioner of education or by the school board for cruelty, immorality, incompetency, insubordination, or negligence in the performance of their duties, and said commissioner may reinstate them or dismiss them and cancel their licenses after an investigation which shall be held and in which the school board may file a statement and said teachers shall be held [heard] in their own defence, either verbally or in writing: *Provided*, That no suspension by a school board shall be valid for more than five days; and the teacher thus suspended shall not be again suspended for the same cause by said board during the school year in which the first suspension took place.

SEC. 53. Municipalities shall provide rooms or buildings for schools and necessary offices for school boards and district school superintendents wherever public buildings in the control of said municipality are available for such purposes. Wherever possible, the municipality shall construct public school buildings erected and furnished according to plans authorized by the commissioner of education and suitable for graded schools. Where the municipality provides such building, additional teachers sufficient for six grades will be furnished as needed.

SEC. 59. From the school funds at their disposal the school boards shall pay the house rent of teachers. The school boards shall make a cash allowance to teachers for house rent as follows: For rural teachers, not less than three dollars per month and not more than eight dollars per month for each and every school month in which the teacher is actually engaged; graded, principal, and special teachers, not less than ten dollars nor more than fifteen dollars per month for each and every school month in which the teacher is actually engaged. Said rent of [or] allowance shall in every case be made a part of the contract or agreement between the teacher, the school board, and the commissioner of education, all of whom shall agree to the rent or allowance so specified.

To provide the school boards with the necessary funds to carry on the business with which they are charged, each municipality is assessed by the treasurer of Porto Rico in accordance with the provisions of the general revenue act. so that about one-fourth of all local revenues are paid directly to the school boards for school purposes, and the municipal councils may and sometimes do increase this amount by levying in addition a special school tax not to exceed one-tenth of 1 per cent on the valuation of all real and personal property in their respective districts.

The school boards are held to very strict accountability for all funds in their hands, and their accounts are rendered on forms prescribed by and subject to the approval of the commissioner.

The provisions of law relating to teachers and to scholarships have been quoted already in other sections of this paper, and it only remains in order to complete our reference to the chief provisions of the codified school law to say that it provides for compulsory attendance after a pupil is once enrolled in a public school and gives the municipal authorities power to enforce the attendance of children between the ages of 8 and 11 years where a school exists within a reasonable distance of their residence and is not full. More stringent compulsory-attendance features would have been enacted had the school accommodations been adequate.

Section 61 of the codified school law relates to the district superintendents of schools and places them under the direct orders of the commissioner, whose representative they are, and makes them ex officio members of the school boards in their respective districts, with rights of participation in discussion but no right to vote. The school boards are required to furnish superintendents with a local office.

The school law also provides for the annual celebration of arbor day on the last Friday in November.

The most important legislation for schools, however, is not that to be found in the school law, but rather the provision for schools made in the annual appropriation bills.

The total funds available for school administration, including all expenses of maintenance, rent of school buildings, outlay for buildings constructed each year, salaries of teachers, and administrative expenses of the insular department of education have been \$980,629.69, \$\$18,149.47, \$900,169.41 for the three fiscal years 1901-2, 1902-3, and 1903-4, respectively. The sources from which these amounts were derived and the actual expenditures under these appropriations are conveniently summarized in the following tables:

I. General summary of appropriations and expenditures, department of education, for the years 1901-2, 1902-3, and 1903-4.

	1901-2.	1902-3.	1903-4.
Total appropriations: From insular funds From trust fund donated by United States Government. Total expenditures:	\$525, 420, 00 337, 000, 00	\$565,147.14 b 103,085.37	a \$657, 775. 50 c 59, 810. 80
From insular funds From trust fund. Total expenditures by school boards from insular funds not included in above appropriations, but expended un-	4\$1,686.08 209,115.81	d 579, 716, 18 90, 312, 21	d e 619, 167. 43 79, 700. 03
der supervision of department of education	118, 209. 69	149, 916. 96	182, 583. 11

<sup>e</sup> Including appropriation for university (Insular Normal School), but not the appro-priation for the San Juan Free Library. <sup>b</sup> Including repayments from municipalities amounting to \$585.37. <sup>c</sup> Including repayments from municipalities amounting to \$12,234.30. <sup>d</sup> Including expenditures from available balances from appropriations made in previous

vear <sup>e</sup> Including expenditures for the university (Insular Normal School), but not for the San Juan Free Library.

# EDUCATION REPORT, 1905.

II.—Résumé of	expenditures,	departme	nt of	f cducation,	for	fiscal	years	1901-2,
		1902–3, a	nd 1	903-4.				

	1901-2.	1902-3.	1903–4.
I. GENERAL EXPENSES.			
Office of commissioner;			
Salaries	\$20, 145. 71	\$23, 311. 40	\$27, 775. 30
Contingent expenses	3,707.02	2, 399. 71	5, 277. 80
Purchases	38, 272. 69	39, 635. 87	29, 936. 32
Common schools;	1,771.59	999.97	678.74
Salaries of teachers	320, 316. 75	389, 191. 75	397, 597. 50
Contingent expenses (school furniture) Superintendents of schools:	23, 885. 82	12, 391, 17	18, 526. 81
Salaries	19,949.52	25, 010, 27	22, 232, 42
Salaries. Contingent expenses (travel, etc.). Teachers' institutes and summer normal schools:	3, 858. 55	10,090.58	9, 873. 31
Salaries	3,068.00	2, 580.30	6, 379, 37
Contingent expenses High and graded schools:	602.35	764.87	535.53
Salaries	10, 980. 00	23, 757. 75	31, 567. 25
Contingent expenses Normal school:	1,071.70	603.08	1, 599. 93
Salaries	7,963.71	11, 296. 37	( <i>a</i> )
Contingent expenses. Model and practice school, salaries	2, 732. 26	1,666.02 1,031.00	( <i>a</i> )
Library, department of education:		,	
Books and apparatus. Freight, cataloguing, incidentals	420.43 732.58	$343.94 \\ 31.62$	166.79
Industrial schools:			
Salaries. Contingent expenses			17,839.73 7,040.13
			7,040.13
Total of expenditures Balances transferred in accordance with special laws:	464, 478. 67	545, 105. 67	577,026.93
To industrial school fund	40.521.33		
To University of Porto Rico Refunded to treasury of Porto Rico		2,661.47	04 040 EF
Kelunded to treasury of Forto Rico			38, 948. 57
Total of appropriations	505,000.00	547, 767. 14	615, 975. 50
II. SPECIAL TRUST FUNDS AND SPECIAL APPROPRIATIONS.			
University of Porto Rico (total appropriation, \$21,440):			
Salaries, normal department Contingent expenses			15,054.52
General expenses.			1,875.30 1,498.25
School extension:	000 000 000	1001 100 50	
Trust funds available for construction of schoolhouses.	337,000.00 209,115,81	*231, 129, 56 90, 312, 21	200, 628, 15 79, 700, 03
Expended during fiscal year. Education of Porto Rican students in the States (annual			,
appropriation, \$15,000): Expended in fiscal year	15,000.00	14, 864, 64	14,010.08
Education of Porto Rican students in insular normal	20,000,00		, 0.20100
school (appropriation for scholarships, \$5,460): Expended			4, 554, 78
Expended Teachers' pensions paid from collections from municipali-	11,469.12	} 1,824.80	2, 965. 20
ties. San Juan free library	1 412.16 2,136.48	2,130.71	(b)
Schools for training nurses. Industrial schools, equipment—transfer of balance 1901-2	70.93	1, 037. 62	1,062.60
Industrial schools, equipment—transfer of balance 1901-2 of \$40,521.33. Common schools, equipment—refunds from school boards.		16, 577. 54	3,678.14
01 \$10,021,001		10,011.01	406.83

a See university appropriation.

b Now under separate board of trustees.

The relation which these figures bear to the total appropriations for all governmental expenses vary but slightly from year to year. Approximately 25 per cent of all revenues, both insular and local, have been voted for public education in Porto Rico by the public authorities, representing the people, at every legislative session since the beginning of civil government. One year the proportion reached 28 per cent. I doubt whether a similar showing, indicating as high a social value set on public education, can be found in any other part of the United States, certainly not in any part where there is as generally impoverished a condition as will be found in Porto Rico. Twice or

thrice these amounts would have been willingly voted for this purpose had the funds been available or the resources sufficient, because it was recognized that, liberal as these appropriations are, they are wholly inadequate to cope with the illiteracy bequeathed by the past. It will not take a very elaborate investigation of the facts to convince the American people that we have in Porto Rican education the most worthy object for Federal aid, if the desire to investigate can only be aroused.

Owing to the fact that the administration of the entire school system, including not only the common schools, but also the special schools, such as high schools, normal, and industrial schools, is vested in one department, it is very difficult to get at any fair estimate of the cost of any single part of the system per pupil enrolled. We might take the figures in Table II under general expenses and divide the total amounts expended each year by the total number of pupils enrolled in the common schools and also by the total average daily attendance, and we would get approximately the per capita cost of the elementary schools; but this would also include the total cost of supervision for all schools and cover what in the States would correspond to local and State supervision and administrative expenses. These figures, however, are as follows:

Year.	Total ex- penditures.	Total en- rollment.	Cost per pupil en- rolled,	Average daily at- tend- ance.	Cost per pupil at- tending.
1901-2.	\$464, 478. 67	$59,096 \\ 64,039 \\ a 57,683$	\$7.86	30, 160	\$15.40
1902-8.	545, 105. 67		8.51	34, 272	15.90
1903-4.	577, 026. 93		10.00	39, 928	14.45

<sup>a</sup> Average for three terms, while for previous years the totals are carried through the year. This probably more than accounts for falling off.

Even making allowance for the change in the method of computing the statistics of enrolled pupils, there has probably been an increase in the average cost per pupil enrolled during the past three years, but a considerable decrease in the average cost per pupil in attendance, which is probably a better measure of service rendered. There has been unquestionably an improvement in the equipment and in the quality of teaching, which has been accomplished in part only through greater outlay in expenditures. It may be possible in time to introduce economies not advisable at the outset, by which these per capita costs may be decreased somewhat. They are undoubtedly too high now, but many items of expenditure cost more in the Tropics than they would in the States, and this fact must be reckoned with when making comparisons. Perhaps the safest judgment is that of the Porto Rican people themselves, who almost unanimously testify, in spite of many criticisms of particular items, that the general net return from all moneys spent on education has been eminently satisfactory.

# XI. THE PRESENT EDUCATIONAL POLICY—RESULTS OF FIVE YEARS—THE OUTLOOK FOR THE FUTURE.

The period of radical experiments on a large scale with educational measures in Porto Rico may be said to be over. Some of the work is still in an experimental stage, and much of it will require modifications from time to time which further experience will indicate. There are still new conditions to be met, and many educational needs for which there are no available funds. The free public school of elementary grade has been established in every part of the island, and the emphasis in the present policy has been and will continue for a long time to be laid on strengthening, improving, and increasing in number the primary schools in town and country. In the town schools the effort will be made to introduce practical industrial training, both for its educational value in the training of the hand and eye and for its utility in the possible development of home trade and skilled hand work. In both town and rural schools, and especially in the latter, the attempt is being made to arouse a greater interest in agriculture by adapting the course of study to the needs of a people so predominantly agricultural.

Every effort will be made, as it has been made in the past, to increase the financial resources of the schools. With school accommodations for only one child in five of school age in the population, the need of more funds to increase the number of schools is imperative, unless the United States is willing to have a population within its national domain eight-tenths of which is illiterate. It is scarcely possible to expect that a larger percentage of the total revenues of the island can be devoted to education than is given at present. With increased prosperity the value of taxable property will rise gradually from year to year, and the present rate of taxation, which is probably as high as a safe economic policy will permit, will yield somewhat larger returns. If the same proportion is devoted to education, the amounts available for schools will be a little larger from year to year, but can not permit of an increase in the number of schools more than sufficient to keep pace with the increase in the numbers of the school population. This will leave us no better off relatively than we are to-day. The trust funds returned by the United States Government from the receipts from Porto Rican customs are now practically exhausted. From this source alone has come nearly \$500,000, which has been spent in the construction of new schoolhouses. This work should go on, and if it does, it will have to be a charge on insular revenues hereafter.

Such are the main points in the present educational policy. They can not fail to suggest many difficulties and serious problems still to be solved, but with the foundations already laid and with the determination to go ahead on the part of a people ambitious for education, a solution must be found for the financial necessities of the case, which are the most serious.

The results already obtained are most encouraging. The new commissioner, Doctor Falkner, has reviewed them in a recent article entitled "A few notable changes," published in a special number of The Porto Rico School Record, devoted to commemorating the fifth year of the establishment of civil government. Perhaps Doctor Falkner can speak of these changes after several months' study on the ground more impartially than those who took part in most of the events chronicled. His article in full is as follows:

The time which has elapsed since the American occupation has been one of earnest effort, of unremitting labor, and of rapid change in the schools of the island. It was but natural that the new government should bring with it educational ideals widely different from those of its predecessor. It was but natural that an earnest effort should be made to create here educational institutions which should embody those ideals. In such a conflict of ideals it could not be avoided that there should be much mutual misunderstanding. On the one hand the aims and purposes of the new administration could not be fully understood by those to whom their projects and actions were novel, nor could, on the other hand, the merits of the older system be fully comprehended by the new administration. At times, therefore, the actions of the latter may have been deemed arbitrary, unjust, and harsh. But this is an inevitable result of change. It is not improbable that the era of radical change has been completed, that we may look forward to an era of quiet development upon the basis already gained.

The moment may, therefore, be considered not inopportune for a survey of the changes which have been effected and a statement of what we believe the present school system stands for, the basic principles of its organization and life. In so doing we can not fail to note the tremendous difference between our present system and that formerly in vogue in the island. These changes have been realized by the initiative of the department of education crystallizing into law with the approval of the legislature, and embodied, in fact, through the assistance of the teachers of Porto Rico. Whatever of merit in these changes may be due to the department is so largely the work of my distinguished predecessors that I may not improperly comment upon it. All change is not progress, but I should be faithless to my trust did I not believe with wholly unwavering conviction that the work of the past few years had been upward and onward. It may well be that, in seeking to summarize the changes which have occurred, my words may seem laudatory beyond the proprieties. But as we may rejoice in the present and build high hopes for the future, and yet hold in honor the steps by which we have attained our present position, so we might extol the present with its larger opportunities without grudging its meed of praise to the more restricted efforts of an earlier day. Yet it is not my purpose or function to laud and magnify, but merely to recount.

So radical have been the changes in the educational system that to recount them all would be to repeat here the successive reports of the commissioners of education since the change of government. Many aspects of our school system will be treated in this journal at length, and at this point we can do no more than call attention to some of the many changes which, in our judgment, are most significant and most indicative of the general spirit of the transformation which has been effected. Briefly, then, the changes to which we would especially direct attention are the following:

1. Schools have been increased in number. It is extremely difficult to obtain precise information with regard to the number of schools in existence under the old régime, or of the number of pupils who were actually attending such schools. According to the best information which we have there were in 1898, before the American occupation, about 500 schools in the island, attended by 22,000 children. According to the last report of the commissioner of education there were over 1,000 schools in operation in 1903-4, with 61,000 pupils enrolled in the schools, with an average daily attendance during the year of 41,798. Both the number of schools and the number of pupils have doubled since 1898 on the basis of these facts. The showing is really better than is apparent on the face of it, since in the earlier period the records were negligently kept, and we have no means of knowing how many of the schools reported were in actual operation and how many had a merely nominal existence.

Considered merely in its quantitative aspects, the significance of this advance can not be overestimated. It means not only that a much larger proportion of children has been reached by the school system than heretofore, but it means also that the school has been carried into regions before unknown. There is many a rural barrio where the school is now a daily part in the life of the people which was utterly ignorant of such an institution before the advent of the American Government. In the slow process of time such changed conditions will be reflected in the higher intellectual standing of the great masses of the people. The percentage of illiteracy as revealed by the census of 1899 will be considerably reduced when the children now enjoying the advantages of the public schools of Porto Rico shall have arrived at man's estate.

Important as the work is which has been accomplished, it is, after all, only the beginning, and the task which lies before our people is still enormous, nor should it be forgotten that the task which has been traversed is, after all, the easiest portion of the way. The schools have been able to secure this wonderful development because they have been offered freely to a people hungry for education. But as the years advance it will be necessary to appeal to classes of the population who by their position and disposition are less favorably disposed to the spread of education, and a corresponding increase in the number of pupils in future years will be more difficult to obtain than in the past. It remains none the less the duty of all who are associated with the work of education to press forward with all energy toward the day when every child in Porto Rico will be able to take part in the schools of the island and will be

2. Schools are now entirely free. No pupil who attends a public school supported by the people of Porto Rico is called upon to pay for his instruction, nor is any teacher permitted to receive any fees for his work. Under the former rule of the island the public schools presented a curious mixture of the public and private institution. While they were nominally free to all, teachers were

permitted to take in private pupils who paid directly to the teacher. The tendency of such a system was to make in the schoolroom undesirable class distinctions and to direct the energies and attention of the teachers wholly to the children whose parents paid especially for their instruction. It is currently reported that about one-third of the children paid for their schooling, and we may be pardoned in the belief that such pupils received a good deal more than one-third of the instruction imparted.

The question involved in this apparently simple matter goes down to the very root of the theory of government. If education is a matter of purely individual concern, there is no reason why it should not be paid for directly by the persons concerned, and the services of the schoolmaster purchased like other services. If, however, education is a public duty, to be brought to the reach of all, and in which all should participate not for personal advantage only but for the public welfare, then it should be wholly a public charge and should cost nothing directly to those who participate in it.

The free public school, as we understand it, is one open on equal terms to all and without pecuniary burden to any. This absence of pecuniary burden, which to our manner of thinking is the fundamental character of the free school, extends to the supply of text-books and supplies which are loaned or furnished to the pupils without charge.

3. It has improved school methods. In the former system of instruction, memory was the principal faculty which was encouraged by the teacher. Textbooks, so far as they were in use, consisted of questions and answers, and the pupil was judged most proficient whose answers showed the fewest mistakes. This has all been done away with, and the pupil is encouraged so far as his capacity goes to think for himself rather than repeat like a parrot the thoughts of others.

To accomplish this result there has been an absolute change in the textbooks in use in our schools. Not only are the books better, being based all of them upon texts of wide circulation in the United States, but there are also enough for the purposes of the schools. It was the frequent complaint of former times that the local authorities charged will providing text-books were parsimonious in their expenditures, and that in the majority of schools the number of books supplied was wholly inadequate to the needs. This improvement of the method and equipment means a great educational gain, as it permits a more intensive work, and insures that the time spent in the schoolroom is employed to the profit of the child, and that progress in real attainment is much more rapid than it could be under the system, or lack of system, which prevailed before.

4. It has improved the school buildings. Before the American occupation there were no buildings expressly erected for school purposes. In general it can be said that the schoolhouse was the home of the school-teacher and his attention to his pupils was interfered with by the cares and necessities of family life. While it was supposed that the local authorities furnished the equipment of the schools, this was only partially the case, and in many cases the teacher had to do it from his own resources.

Since the American occupation there is hardly a town of considerable size in the island which does not possess a school building erected by the department of education and specially designed for school needs. If these buildings are not always as good as they might be, they are none the less in marked contrast to the former schools or even to those now rented in many localities for school purposes. Some of the more recent buildings erected by the department are in every sense worthy of praise and are a source of pride and satisfaction to the communities in which they have been established. Whatever criticisms may have been made with respect to some of the school buildings, it should be kept in mind that they do not refer to the schoolrooms, the quarters in which the children actually spend so large a portion of their time, and which leave little to be desired.

The graded school buildings erected by the department and a smaller number of rural schools which have been built by it, have caused a marked improvement, at least in the equipment, in the rented buildings. In many cases school boards have provided such buildings with a thoroughly modern equipment in desks and blackboards, which stand in marked contrast to the older conditions. Even where the lack of necessary resources has prevented the new equipment, much has been accomplished by the provision that no part of any building used for a school should be occupied for dwelling purposes. Buildings constructed as warehouses, stores, or dwellings and converted into schools are never as thoroughly satisfactory as buildings which are erected in the first instance for educational purposes, but it must be recognized that often such buildings must be used. There is great latitude in the choice, and there can be no doubt that the choice is made with greater care and wisdom than in former years.

5. It has improved the position of teachers. Under the old régime teachers were appointed by the general government and were paid for their services by the local government. In this arrangement there was the germ of difficulty, of which the teacher was the unfortunate victim when disagreements arose between the central and the local governments. It is known that salaries were paid very irregularly and oftentimes not at all. This forced the teacher to rely for his subsistence wherever possible upon the pay pupils whom he received in his school and forced him to give his attention primarily to this class, to the disadvantage of those who were unable to make a special payment for their education.

Under the present system the teacher is appointed by the local authorities and paid by the central government. He is no longer the victim of the uncertainty of the local revenues, and receives his remuneration promptly when it becomes due. He is thus removed from the auxieties which formerly pressed him with regard to the daily affairs of life. He knows what his income is and when he will receive his salary, and can regulate his expenditures in such a way that the vicissitudes of his private affairs do not divert his attention from his professional duties. Being secure in the possession of a regular income, he can apply himself with greater peace of mind and with better effect to his daily duties. It is doubtless in large measure due to this fact that so many of the former teachers of the island have successfully confronted the trying ordeal of adapting themselves to the many changes which have been introduced in the school work since the American occupation.

6. It has established an effective system of superintendence. Before the American occupation schools were subject to the supervision of the local authorities, and in addition thereto enjoyed the inspection throughout the island of 2 inspectors. This number has been increased to 19. The districts have been made much smaller, and the superintendent is brought into direct and frequent contact with all of his teachers.

This change has been for the benefit of the schools, of the teachers, and of the educational system generally. From the standpoint of the schools, it keeps an effective supervision and check over the work of the teachers. It permits the early correction of faults in the conduct of a school and it preserves a strict watch over the progress of education in every district. From the standpoint of the teachers, this system makes their work known to the authorities; it gives to the diligent and aspiring teacher an opportunity to make his merits known. It gives to all an aid and counsel in the conduct of their schools and enables them to meet the difficulties of their profession by reference to the advice of the superior officer. The rural teacher especially is isolated. He needs the assistance of the superintendent in his work.

The superintendent in his double relations with the teachers on one hand and with the department on the other is the keystone of the educational arch, the fundamental unit in the administrative system.

In the foregoing are briefly noted a few of the important changes in our educational system which differentiate it from its predecessor. They are the result of an earnest effort for the betterment of educational conditions in the island. They have been introduced not at once, but step by step, and it is only when we review the whole course of the last seven years that we fully appreciate the magnitude of the changes which have been wrought. Many of them, it is true, were effected at the very start of the new government, but it has required some years to put them into effective practice. In this work there has at times been criticism of details, but we believe that there has been a hearty appreciation of the general results obtained. As before suggested, the future may involve no such radical steps as have marked the past, but the success of the educational work in Porto Rico will depend no less than before upon the disposition of all concerned to work together for the common good.

The outlook for the future is bright in the light of the faithful service of teachers, superintendents, and officials who are toiling patiently and uncomplainingly with the meager resources of the present. They have accomplished much, and I can not do more than bear witness to what I saw during nearly three years while it was my privilege to serve with them. I know something of the self-sacrificing work done in our best schools in the States, and I can say without reserve of any kind that the joint work of Porto Rican and American teachers and superintendents, together with those associated with them, is not excelled anywhere, in my judgment, for devotion to a cause, for unflagging industry, and for adaptation of the means at hand to the end to be attained.

Again I say that when the American people understand the Porto Rican problem the necessary means will be forthcoming from both the public and private purse to maintain an adequate and comprehensive system of public education suited to the special needs of all the people. It is the best paying investment that can be made to help create the institutions upon which self-government depends.

「小いの間」の言語

## CHAPTER XVI.

## EDUCATION IN THE PHILIPPINE ISLANDS.

## THE PUBLIC SCHOOLS.

The following information has been taken from the annual report of the general superintendent of education of the Philippine Islands, David P. Barrows, dated September, 1904. The extracts have been selected with a view to showing the growth and tendency of the American influence in education in the islands.

The total of money expended by the insular government for all purposes since 1901 is as follows:

1901	$_{-}$ \$6, 100, 453. 57
1902	-7,657,002.85
1903	-10,609,186.13
1904	<sub>-</sub> 11, 152, 139. 19

The amounts expended by the insular government for the bureau of education in these four fiscal years have been as follows:

1901	\$233, 411
1902	1, 194, 381
1903	1,400,563
1904	1, 244, 096

It may be seen from this table that the maximum amount of money expended for the bureau of education was in the year 1903. In the past year the work of the bureau has been conducted with the reduced expense of \$156,467. In the year 1902 the expense for the bureau of education amounted to 16 per cent of the total expenditures of the government, in 1903 to 13.5 per cent, and in 1904 to 11.2 per cent.

Of the total amount expended for public instruction since July, 1901 (\$3,839,040), about two-thirds has been expended for the salaries of American teachers and superintendents. About \$890,000 has been spent for schoolbooks and school supplies. In the last year these supplies have included a considerable amount of carpentry tools, iron-working tools, agricultural implements, and wood and iron working machinery for the establishment of agricultural and tool work in the different school divisions.

The appropriations by the insular government for the bureau of education for the fiscal year 1904–5 provide for public instruction in the sum of \$1,208,725.

The total amount expended by municipalities for schools in the Christian provinces, and in the case of Albay, Isabela, Samar, and Misamis, including only teachers' salaries, was \$508,151.96. Of this amount the city of Manila expended \$162,772.72, or 32 per cent of the total.

Out of this amount appropriated for the support of its schools the city of Manila expended \$136,976.08, or 84 per cent, for teachers' salaries; \$23,057.81, or 14 per cent, for the rental of school buildings, and \$2.738.83, or 2 per cent, for all other expenses.

In addition to the school expenditures by the municipalities the provincial boards in 33 provinces have made provision, by appropriation out of provincial funds, for the establishment of provincial high schools. The appropriations have, in the majority of cases, been very moderate and in most cases limited to the payment of rental for buildings, janitor service, and incidentals. The salaries of all American teachers and all educational equipment for these provincial high schools, which includes not only blackboards, text-books, expendable school supplies, but also tools, and, in a few cases, machinery, have been supplied by the bureau of education.

Education under the American Government commenced with primary instruction. At the present time, after three years of organized effort, the instruction continues to be almost entirely primary. The aim has been and still is to place the elements of an English education within the reach of children of every social class in every municipality and every hamlet of the archipelago.

During the past year a course of study has been prescribed for these primary schools by the general superintendent. It covers but three years of instruction, which include three in the English language, two in arithmetic, prefaced in the first year by easy number work, and one year in elementary geography. In addition to these subjects provision is also made for singing and drawing, for both of which the Filipino has unusual endowment; for handiwork, consisting of school gardening and simple tool work for the boys, sewing and elementary housekeeping for the girls; for physical exercise; and for the training of character. These three years of primary instruction must necessarily appear meager and inadequate to most educators. It should be understood, however, that the primary course of three years does not lead directly to the various secondary courses which are offered at the provincial high schools and at many of the larger municipal schools, the plan being to have the central municipal schools ultimately devote their attention to this intermediate course and to have ail primary work done in the barrio schools, which will be located in every one of the hamlets of which a Philippine pueblo or municipality is composed.

The main reason for making the primary course so brief is the need for a plan of study, fairly complete though very simple, which can be taught wholly by Filipino teachers and which, within a reasonable time, can be given to all. In fixing upon so brief and simple a course, consideration was also given to the following circumstances:

The training and attainments of the Filipino teachers are very limited. Few of them have had more than three years of instruction in English, and many of these had no previous education. Some years must pass during which the Filipino teacher will continue to receive constant training and assistance before he will be competent to give more than the three years of teaching which have been prescribed. It is certain that the primary teaching can not be done by American teachers. So far as this branch of instruction is concerned, the American teacher at the present time is wholly occupied with the work of organization and supervision, and the Filipino teachers are doing the actual work of the class rooms.

The total number of children in the Philippines between the ages of 6 and 14 is reckoned at 1,200,000. The primary course aims to give the bare essentials of a primary education, and it aims to give this to every child between the ages of 6 and 14. These age limits, however, allow for a period of nine years in which to give three years of instruction and permit us to divide the total number of children of school age by 3 when we come to fix upon the measure of equipment necessary to meet the ends in view; that is, if there are sufficient schoolhouses, school-teachers, school furniture, and schoolbooks to give continuous instruction to 400,000 children, it will be possible to give every child three years of primary instruction during the nine years between 6 and 14. The attendance of 400,000 children in the primary schools is the standard toward which the bureau of education is aiming, and if it can reach this standard and maintain it for a period of ten years there will be, broadly speaking, no illiterate youth among the Filipino people, but the entire coming generation will be able to speak, read, and write the English language with a fair degree of accuracy and fluency; will be able to make ordinary arithmetical calculations, including those operations which are used in ordinary business; will have a fair knowledge of the geography of the Philippines and of the continents and countries of the world; and, it is believed, will have received a very beneficial influence upon their characters during the formative period.

The past year has shown a notable advance toward the attainment of this standard of primary instruction. In the month of September, 1903, a very close approximation of the public school enrollment was made by the division superintendents, amounting to 182,202 pupils for the whole archipelago, about 6,000 of these being of intermediate grade. At the close of the school year last March this figure had risen to 227,600. The school returns for the month of July, 1904, showed that there were actually enrolled 263,974. In considering this last enrollment report it should be noted that at the time it was made the schools had just opened after the long vacation; it was during the rainy season and the time of rice planting, in which many children are necessarily employed. Reports subsequent to the 1st of August have not been received in full, but from those provinces from which returns are in there is in every case a still larger gain, and the probability is that when the drier and cooler menths of October and November come, and the labor of the children is no longer necessary in cultivation, the total number in primary schools will reach 300,000 of both sexes.

This increase in public school attendance of the past twelve months is due very largely to the spontaneous growth of interest in public instruction among Filipinos of all classes. The American schools passed the experimental stage over a year ago. The American teachers have fully won their place in the confidence and affection of the native population. The period of war with its comfiles, suspicions, and social disorganization is past, and the time is ripe for meeting without hindrance the ambitious desires of the entire Filipino race for American education. To meet the increased demand for schools during the past year, a system of school districts has been organized, each in charge of an American supervising teacher. These districts usually embrace a single municipality, but in some cases, owing to the limited number of American teachers, they include two or three. The population of a district varies from 5,000 and 6,000 to as many as 40,000 souls.

These district supervisors spend the greater portion of their time in riding about from barrio to barrio, organizing the small hamlet schools, and, after they are once organized, visiting them regularly and assisting the native teacher in his work of instruction. Wherever possible at least once a day all the Filipino teachers gather at the central schoolhouse for an hour or an hour and a half of instruction under the American teacher.

For the administration of public instruction in the 629 municipalities where schools are organized and in which, as stated above, there are over a quarter of a million children in attendance, the bureau of education has (September 15) a force of 700 American teachers regularly employed and on duty and 49 American teachers who are temporary appointees. There are 47 teachers on leave in the United States whose early return is expected and 40 more under appointment who have not yet reached the Philippines. There are 294 Filipino teachers appointed as a result of civil-service examination and paid by the bureau of education, and, in addition, 3,195 Filipino teachers appointed by division superintendents and paid out of local municipal funds. For the Filipino teachers actually engaged in class-room instruction there is an average of over 70 pupils to the teacher, an unfortunately large number when other conditions are excellent and especially so when the poor housing, inadequate school furniture, and the still limited training of the Filipino teacher are taken into consideration.

The following statement shows the number, sex, and average monthly salary of Filipino teachers for twelve months per year:

Tril	in	ino 1	teacl	hers:

Male Female	
Total	3, 134
Average salary : Male Female	
Average	10. 31
Amount expended for salaries : Male Female	$\begin{array}{c} 255,919,\overline{03}\\ 132,745,47\end{array}$
Total	388, 664. 50

The number of teachers employed in the public schools of the Philippine Islands at the end of Spanish rule, according to the "Guia de Filipinas" for 1898, was 2,167, including both men and women. This figure appears to be a purely formal estimate of the Spanish Government. It is identical for each year from 1895 to 1898, and was evidently based upon the fact that the Spanish plan contemplated a "maestro" and a "maestra" for each of the thousand or more pueblos. Nevertheless this plan was actually almost realized, and this figure must be approximately accurate. The education possessed by these teachers, with very few exceptions, was almost without any value under the system of public instruction introduced with American occupation. Many of them also were past middle life and naturally found extreme difficulty in acquiring a new tongue and radically changing the methods of instruction. The present number of teachers derived from the class who were teaching the Spanish schools at the time of the American occupation is very small.<sup>a</sup>

The great majority of Filipino teachers have received most of their education and all their training as teachers from American instructors. In the beginning the process of making Filipino teachers was exceedingly radical. Bright, intelligent young men and women were selected and organized in a teachers' class. Many of them, after only a few months of English instruction, commenced teaching their pupils with an English chart and an English primer. Not only were they entirely ignorant of English in the beginning, but their knowledge of the fundamental subjects of arithmetic, geography, and history was also very small. In their own instruction by the American teacher they could be kept but little in advance of the pupils in their classes. Frequently the teacher taught one week what he himself had acquired only the week preceding. Such a system of instruction, to be of any value at all, naturally had to be accompanied by the constant assistance, supervision, and instruction of the American teacher. Surprising to say, the Filipino teacher under this method has made progress far in advance of anything that could have been anticipated. Many of those now employed are very fair instructors in the subjects falling within the primary course. They have developed well as disciplinarians. Schoolrooms in charge of Filipino teachers are now almost invariably quiet and well ordered. The daily programme is carried through on time and successfully. What perhaps is more gratifying than anything else is the reliability and fidelity they show to their work and their increasing professional pride.

In addition to the daily instruction given by the resident American teacher, the teachers of each province or school division have been gathered together at least once a year for a period of from four to eight weeks in a normal institute. These institutes, the first of which was held in Manila in April and May, 1901, have been productive of excellent results. Instruction has followed not only the ordinary branches-English, arithmetic, geography, history, civics, and science studies-but a large amount of emphasis has been put upon methods. The simplest matters of class and school organization and conduct had to be explained and illustrated. The method of presenting the subject, teaching with the use of objects, the conduct of English conversation, etc., have been explained with great care and the teachers drilled in these methods. The result has been that the Filipino teachers have left these institutes with new conceptions of school management and of teaching, with great enthusiasm, and with the assured feeling that the government was seeking to raise their efficiency and Year by year the results have told in raising the quality of primary value. instruction.

Primary instruction, with the exception of a very few schools, is now conducted entirely in the English language. More than this, the conversation of the class room is in English. The Filipino teacher has been carefully instructed to address even the smallest pupil in short English sentences, discarding almost entirely the use of the native dialect from the beginning, in order to familiarize the child immediately with spoken English. Under these conditions the Filipino child, who is an exceedingly apt learner and possesses natural ability in the acquisition of languages, is making progress that is almost marvelous.

In the appropriation bill for the fiscal year 1904–5 the number of American teachers is fixed at 863, including a superintendent for the Philippine Normal

<sup>&</sup>lt;sup>a</sup> Regulations governing the teaching force have been made more definite and satisfactory by reason of having been made a part of the general civil-service rules governing insular employment. This important step became effective by the provisions of act No. 589 on September 1, 1903.

School and a superintendent for the Philippine School of Arts and Trades. The compensation provided is shown by the following schedule, which can not be exceeded:

Superintendent normal school	\$3,000
Superintendent school of arts and trades	
3 teachers, at \$2,000	6,000
8 teachers, at \$1,800	14,400
10 teachers, at \$1,600	16,000
50 teachers, at \$1,500	75,000
80 teachers, at \$1,400	112,000
60 teachers, at \$1,300	78,000
350 teachers, at \$1,200	420,000
50 teachers, at \$1,100	55,000
137 teachers, at \$1,000	137,000
113 teachers, at \$900	101,700
Total (863)	1,020,500

#### UNIFORM COURSES OF STUDY.

In accordance with his legally prescribed duties, the general superintendent, on the 15th of June, 1904, issued prescribed uniform courses of instruction. Prior to the issuance of the bulletin upon this subject (Bulletin No. 7, bureau of education) considerable diversity existed in all school work. These prescribed courses are for primary, intermediate, and secondary schools.

As stated above, the primary course is taught almost entirely by Filipino teachers under American supervision. It is planned to have this primary course taught in full in all barrio schools, the pupil to proceed therefrom to the central municipal school for instruction in the intermediate course, and thence to the provincial high school for one of the secondary courses, which aims to supply him with a profession or calling. At present, however, in the majority of barrio schools it is not possible to give more than two years of primary instruction, while the central municipal school doing intermediate work is the exception rather than the rule. The provincial high schools are giving their attention in the current year almost exclusively to intermediate work. This condition is indicative of the careful effort that is being made to grade pupils no higher than is warranted by their facility in reading and writing English.

*Emphasis upon "science studies.*"—Larger place is given to science work than is usual in the public schools of America. Training in the English language and literature supplies the place in the Philippine system of the classical studies of American school programmes. Time is gained thereby for that training in exact methods and concrete subject-matter for which there is peculiar need.

Another difference between American and Philippine educational conditions may be noted in this connection. An important function of American educational institutions had lain in the direction of modifying the strongly materialistic tendencies of American life. No stimulus has been needed to supplement the national tendency toward the acquirement of material benefits. Such tendency has ever been an integral part of the environmental conditions and racial temperament. It has led to the highest material advancement, while the academic spirit has been as a guard against the stifling of the nonmaterial.

Here in the Philippines the demand upon the academic spirit is reversed. The great need of Filipino national life is precisely in the direction of effort to acquire material benefits. The graces of the culture studies may well await later lessons. The crying need now is for a stimulus which environment and racial history have for centuries denied, a stimulus to "practical" activity. It is with that training which gives the most tangible benefits that our secondary and specialized education purposes to concern itself. Elementary training of such character is given under the "science studies," while the bulk of the work in the secondary courses is to the end of efficient and scientific conduction of various industrial activities.

We look to the Japanese for illustration of very much that is helpful in solving Philippine problems. There the most notable educational achieve-

ED 1905-VOL 1-26

ment of modern times has been effected. They have shown no conservatism in the work of national regeneration. Nowhere is this more apparent than jn their educational system. In it we find a remarkably large place given to those subjects of which old Japan was ignorant and in need, and which in an educational scheme may be grouped as "science studies." Under this caption the Philippine courses of instruction prescribe a large amount of work which finds its subject-matter in those things which most closely touch the daily life of the Filipino and affect his economic status.

Education in the Philippines is concerned with a people whose lack of exactness, especially in their mental processes, is a conspicuous racial fault. The Filipino has an instinctive and intense reluctance to admit ignorance. This characteristic has often earned him an otherwise undeserved reputation for unreliability or dishonesty. He fails to appreciate the desirability of accuracy. Training in science, properly given, will develop a new respect for exactness and a conception of the inexpediency of misstatement, proving perhaps a better corrective than methods which meet this fault by more direct attack.

The plant and animal studies place emphasis upon economic values. They give to all students information fundamentally related to the improvement and expansion of agriculture in the islands—information which is more expanded and accompanied by practical field work in the secondary course in agriculture. Their pedagogical purpose, on the other hand, is to induce accurate first-hand observation and reasoning about facts observed. Especial difficulty lies in overcoming the tendency of the Filipino pupil to learn merely by rote. The science studies largely eliminate the use of this method in that they require answers as the fruit of reasoning rather than of memory. Filipino boys and girls are quite alike in their enthusiasm for work which is out of doors, away from the printed page, and concerns things which they can handle, which they have seen every day, and which have very considerable economic importance for them.

### SECONDARY SCHOOLS.

After what has been previously stated it will be understood that secondary instruction is only beginning with the current school year. Schools for more advanced instruction than that provided by the primary course were intended also to provide for students whose greater age makes them reluctant to attend the barrio schools. Legal provision was made for these institutions in act No. 372, quoted above. Such schools have been organized in 35 provinces, with attendance varying from 75 to 500. By an understanding which has already been suggested, the provincial boards are expected to provide by rental or construction for housing of these schools, while the bureau of education supplies teachers and educational equipment. This arrangement has led to the designation of these schools for higher instruction as "provincial schools". i. e., schools supported, at least in part, by the provincial governments. This somewhat ambiguous expression has been recently modified upon the forms of the bureau into "provincial high schools."

The course in literature, history, and the sciences in these schools will compare with the American high school course, although the requisites for admission are less difficult and several courses taught in American high schools here first is the classical languages. The slight attention paid to Latin and the elimination of Greek are made necessary by the importance of other subjects which must, in view of immediate needs, be emphasized. While in the United States we depend, in our training of the youth, upon Latin and Greek for giving breadth of mind and depth of intellectual and moral insight, here in the Philippines we must depend upon English literature for these same purposes. 'It is believed that English is adequate to impart these essentials of education, both in disciplinary and spiritual aspects. The other notable difference is in the teaching of higher mathematics. There can be found place in such a course as this for hardly more than the briefest elements of algebra and geometry. Advanced work in these branches, in trigonometry, and the higher mathematics must necessarily be left to be pursued in special courses leading up to professional training. The course has been drawn to emphasize the subjects of education which have heretofore been much neglected in the Philippines, and these appear to be literature, history, and the modern sciences.

This course will doubtless receive modification as it is put to the test of actual trial.

#### SCHOOL BUILDINGS.

School buildings which were erected by the Spanish Government are still standing, and to some degree serviceable, in at least 374 municipalities. Their total number summarized from recent reports is 534. These buildings, though usually substantially built of stone or brick, are as a rule poorly lighted and seldom of a type that conforms to good schoolhouse designs. During the military occupation many of these buildings were occupied as army storehouses or offices. In some cases they were destroyed in the course of war. Others have been rendered unfit for use by decay. In most cases, however, where the expense was justified, these buildings have now been reconstructed or repaired.

Building has been exceedingly expensive in the islands ever since the American occupation, and, while less so now than at any time during the past five years, is still costly. Furthermore, school buildings were never erected by the Spaniards in the numerous hamlets of which each municipality is composed. The public school building was always located on the plaza, and was never built large enough to house more than a fraction of the children of the pueblo who are now presenting themselves for instruction.

Thus the narrow sites or poor construction of the Spanish schoolhouses, their inadequate size even where they still stand, the absence of buildings in the barrios, and the fact that no \*buildings whatever for secondary instruction were erected by the Spanish Government have compelled the bureau of education to begin practically at the bottom and plan an entirely new system of public school buildings for the islands. The plan adopted contemplates three kinds of school buildings—the barrio school, the municipal school, and the group of high school buildings.

Turning next to municipal school buildings, reports have been secured from all but two divisions with nearly complete data. As stated above, the 534 or more buildings left by the Spanish Government have, almost without exception, been put into a fair condition of repair. Roofs, which generally were destroyed during the progress of war, have been replaced, new floors laid, and in many cases new windows and doors opened, allowing larger admission of light and air.

Under American rule up to December, 1903, there had been constructed 369 new school buildings. The greater part of these were built in the year 1903. These figures do not distinguish between schoolhouses built of stone or hard woods, and of consequent durability, and those built of light materials with grass or nipa thatched roofs; but about 40 are of the former class.

A comparatively large amount of school building has been accomplished within the seven months of the present calendar year. Most of these are barrio schoolhouses, built of hard-wood frames, nipa or grass roofs, bamboo walls, and usually bamboo floors, although in some cases these are of hard wood.

Summarizing, we have the following total of municipal and barrio school buildings:

Serviceable schoolhouses of Spanish construction	534
Built under American rule in the period ending December, 1903	369
Already built or under contract for erection in the calendar year 1904	600

Total \_\_\_\_\_ 1, 503

Those left from the Spanish period which were of light materials and are no longer truly serviceable are not here included. Of these 395 are practically completed.

This leaves approximately 712 schools for which there are no public schoolhouses. According to reports, 333 of these were housed last year in buildings rented by municipalities.

The remaining schools, to the number of 380, are housed in private residences loaned to the municipality without rental; a considerable number in convents or parish houses where these buildings are in the hands of the municipality and have been offered by the municipality for occupancy by school, and a still larger number are held in the town halls or presidencias. A few small schools are held in the houses of the teachers.

#### THE TECHNICAL SCHOOLS AT MANILA.

Schools maintained by the Philippines for the direct preparation for a profession or trade are three: The Philippine Normal School, established in 1901; the Philippine School of Arts and Trades, established in 1901, and the Philippine Nautical School, established in 1839 by the Board of Commerce of Manila and reopened soon after American occupation.

The Philippine Normal School.—During the past year this institution has made gratifying progress. The attendance has increased by one-third and the requirements for entrance have been raised very materially. A corresponding improvement in the quality of students entering has been noted. The work of the high schools throughout the provinces has shown itself not only in the better preparation of those entering the lower classes, but has also given a considerable number of desirable students for the more advanced classes. All of the 15 members of last year's graduating class are now teaching in the public schools.

A departure was made this year in the admission of advanced students who do not expect to become teachers. Courses in advance of those offered in the provincial high schools have been announced. These are adapted to prepare students for entering American colleges or the future University of the Philippines.

The following statistics are taken from the normal school report for the month of July, 1904:

-	Boys.	Girls.	Total.
Enrollment	360	167	527
	304	147	451

The Philippine School of Arts and Trades.—In the past year there has been great increase in interest in the work of this school. This is especially gratifying, inasmuch as a year ago there was some difficulty in securing the attendance of desirable students sufficient to fully use the accommodations provided. In the current year it has been necessary to decline fully 75 applicants. The present equipment of the school is adequate for about 150 pupils. By conducting both day classes and night classes, 270 pupils in all are now receiving instruction. The following table indicates the increase in the present year in the day classes :

Study.	Septem- ber, 1903.	Septem- ber, 1904.	Increase or de- crease.
English branches.	110	150	+40 +53 +33 +19 - 7
Drawing	67	120	
Metal work	11	44	
Woodwork	51	70	
Telegraphy.	37	30	

The school has furnished 40 telegraph operators to the Philippine constabulary. These young men have done their work satisfactorily, and many have been promoted. The drawing department has furnished 6 men for work, 4 being teachers and 2 draftsmen. This department has also assisted the office of the general superintendent by making charts and drawings for bulletins of the bureau and various drawings for school buildings.

The Philippine Nautical School.—The oldest educational institution in the islands under the supervision of the bureau of education is the Philippine Nautical School, which was established by the board of commerce of Manila in the year 1839. The school was begun in a building on Calle Cabildo, Intranuros, the exact location of which is not certainly known, and was conducted in this place until the year 1863, when the building was totally destroyed by an earthquake. The friends of the institution, unwilling that it should cease to exist, secured a site on Calle San Juan de Letran. About 1884 the school was removed to Calle Palacio and in 1898 to its present site on Calle Santa Elena, in the district of Binondo.

The study of mathematics has always been made the strongest feature of the course, and from time to time a considerable sum of money, amounting in all to something over \$10,000, was provided by the board of commerce and expended for equipment by the educational officials of the Spanish Government,

some of the apparatus being yet in the possession of the school and in use in its work.

Several additions to the school equipment have recently been made, including a valuable chronometer and four 10-oar 28-foot boats.

Before the end of the Spanish rule the school had been placed under the direction of the civil government of the islands.

#### MUSIC, DRAWING, AND KINDERGARTEN.

Work in these lines has been conducted in the city schools of Manila during the past year. Owing to the necessity for special teachers for these lines of work this instruction while in the experimental stage has been limited with a few exceptions to the city of Manila.

## SCHOOLS FOR PAGAN TRIBES.

In the preceding portion of the report figures relating to population, taxation, school attendance, etc., have embraced only the Christian population of the islands. Very little teaching has yet been done among the pagan tribes. These peoples are found in considerable numbers, yet it will be some time before anything more than tentative experiments for their education can be undertaken. There are a few wild inhabitants in Panay and Negros (the Bukitnon) and a similar but more numerous element in Misamis and Surigao. Eventually, of course, these people should have instruction at public expense and be assisted toward civilization. No schools have been started for the Mangyan of Mindoro, but even the Christian towns of this island have received so little in the way of public instruction in the past that the work of the bureau in this province will probably be entirely devoted to them for some time to come. On the islands of Busuanga and Paragua there is a small, scattered pagan element and in the south of Paragua a Mohammedan Malay element. No schools have as yet been established for these people. The only practical plan in view is to secure a few bright representatives of each settlement or band and educate them at some provincial school to become instructors and leaders of their own people. In the Province of Zambales one school has been established in the barrio of Botolan for Negrito children—the only effort being made at present to educate these little blacks. The experiment has not yet proceeded far enough to indicate anything. In northern Luzon, however, in the Cordillera Central, the pagan element is numerous and relatively very important. Here is the great stock of primitive Malayan tribes known as the Igorrote. These people number something over 200,000, being most numerous in the old Spanish politico-commandancias of Bontoc, Quiangan, Lepanto, and Benguet, and in the Province of Abra. Schools were established among the Igorrote of Benguet three years ago, but there have been few results proportionate to the effort made. It is desirable, however, that a few young men in each of the strong and powerful towns which cover the steep mountain sides of the Cordillera should re-ceive the rudiments of an English education and thereby be able to serve as interpreters and local officials among their own people. The Spanish system was to place an Ilocano with the title of "directorcillo" in each of these towns as soon as they were conquered or subdued. These officers, as representing Spanish authority, practically governed the towns. Their presence was and is distasteful to the Igorrote, who are beginning to appreciate the advantages that would accrue to them through having members of their own tribe competent to represent the government. With this object in view, training schools have been established for Igorrote boys at Baguio, Benguet; Cervantes, Lepanto-Bontoc; in Quiangan at the site of the old Spanish cuartel and mission station, and at Alilem, Amburayan. These schools have not yet progressed very far. The one at Baguio is the oldest and most fully organized. Appropriation was made by the insular government for school buildings and a central recitation building with several other buildings for the accommodation of the boys have been built. These buildings are, however, of poor type. Something over 100 boys were in attendance at this school last year. At Bontoc a school building has been erected and is now complete, costing \$280 to the government. Some 60 boys have received profitable instruction at this school in the past year. At Cervantes a site has been chosen and an appropriation of \$2,000 made by the government. At Quiangan, which is the very heart of the head-hunting region, occupied by a fierce but industrious people numbering altogether about 40.000, very interesting work has been begun under a teacher of large experience in Indian schools in the United States. School gardening and elementary tool work have been started here. An appropriation is needed for the construction of buildings.

A provisional course of study covering about four years has been outlined for these Igorrote schools. It provides for instruction in the English language to a point where a child can speak, read, and write it readily, for elementary arithmetic, for enough geography to give the child an idea of the world exist-ing outside of his own wild mountains, and some study of the plant and animal life of his own mountain region. Industrial work is planned to cover agriculture, elementary carpentry work, and elementary ironwork. In a few Igorrote towns skillful ironwork is done by the people. This industry being altogether localized, the hammers and anvils are of stone and the bellows are of the rude cylindrical style common throughout Malaysia. Yet with these tools the Igorrote produces very carefully made bolos, axes, and spears. He is naturally interested in improving his ironwork and the tools with which he conducts it, and there promises to be no difficulty in securing a large attendance of boys for this kind of instruction. In ironwork, as well as in carpentry, the instruction will be simple in character and limited to teaching dexterity in the use of a few useful American tools. On the other hand, the teaching of agriculture must be advanced and scientific in character. The Igorrote is already the best and practically the only scientific agriculturist in the Philippines. At enormous labor, extending over many generations, these mountain people have built up astounding terraces covering the mountain mile after mile. These terraces are usually under irrigation. They are carefully fertilized and tended. The crops are camotes, rice, tobacco, taro, several vegetables, and cotton. His agriculture can, however, be benefited by the introduction of improved seeds, by the destruction of noxious insects, and by making more general the cultivation of certain products which are now localized.

For the girls, industrial work will center around the teaching of spinning and weaving. As stated above, cotton is raised, but only in a few localities.

### SCHOOLS IN THE MORO PROVINCE.

Since the organization of the Moro Province under special form of government in September, 1903, the schools of southern Mindanao and the Sulu Archipelago have been administered separately from this bureau. The school superintendent for this region is one of the five members of the provincial council.

The school problem presented here is an exceedingly difficult one. The population is of three kinds: A small Christian population which followed the Spanish soldiers and missionaries into southern Mindanao and formed settlements in the vicinity of the Spanish forts; the Mohammedan population, which comprises the large majority of the inhabitants, and the pagan tribes living in the hilly interior of the mainland of Mindanao. By none of these three classes are public schools thoroughly welcomed. The Christian population is devotedly attached to their own parochial schools, which are supervised by Jesuit missionaries who have returned to their parishes. The Moros retain all the conservatism of the Mohammedan devotee everywhere, and have been unable to decide whether the American is to be accepted or resisted. The pagan tribes are in a state of barbarism in which it is impossible for them to understand the reason or advantages of schools.

In spite of these difficulties, public education, especially in the last year, has made encouraging progress in this part of the archipelago. The organization of the government of the Moro Province led to a marked change in the management of the public schools. Their administration was centralized, and sufficient funds secured for their support. By act No. 1 of the Moro legislative council, all schools of the Moro region were made provincial institutions. During the past year 52 such schools were in operation, 10 of which had been newly established. The majority of these are among the Christian tribes and attended for the most part only by Christians, but there are 7 which are attended by Moros and 2 by pagan Bagobos in the Gulf of Davao. There are on duty in this province 15 American teachers and 54 native teachers, 9 of whom are Mohammedans. These are all paid from provincial funds. The total enrollment of these 52 schools was 2,114, of whom the boys numbered 1,289 and the girls 825. About 240 of these pupils were Moros, 110 Bagobos, and the balance of Christian parentage. A four years' course of primary instruction has been put into effect by the school superintendent of the province. It covers much the same ground as the primary course prescribed by this office for the archipelago. The study of English has had foremost attention, but the Moro Province, unlike other parts of the archipelago, requires some attention paid to the native languages. The Christian population of southern Mindanao, and especially that of Zamboauga, speak a corrupt Spanish, the native dialects having disappeared. The Moros speak a number of different dialects, nearly all of which have been reduced to writing by means of Arabic characters. The number of Moros who can read and write in the native characters is estimated by the superintendent of schools as 8 per cent. 4 per cent among the Sulus, less than 2 per cent among the Samals. The Moro Province appropriated \$42,615.48 for educational purposes for the

nine morths ending July, 1904, and the expenditures were \$23,449.08, leaving an unexpended balance of \$19,166,34.

#### Summary of statistics.

Day schools:	
Primary	2,233
Intermediate	
Provincial	
Technical	
Total	2,286
Night schools	
	100
Total schools	2,746
	2, 110
Teachers:	
	787
American	101
Native—	900
Insular	
Municipal	3,126
	1.001
Total	4,201
Population	
School population	
Enrollment	
Attendance	194, 154
Schoolhouses	1,484

Statement showing the proportion of children at present reached by school work to the total population of children of school age.

Population	7, 163, 510
School population, ages 6 to 16, inclusive	1, 428, 691
Children who should be in school a	468, 487
Enrollment August 1	
Attendance August 1	194, 154
Children for whom additional primary instruction must be organized_	199,076
Percentage of children in school	19
Percentage of children to be yet reached	14

## CENSUS STATISTICS OF PUBLIC AND PRIVATE SCHOOLS.

The preceding account apparently takes cognizance only of the public schools under the American bureau of education, and therefore affords no information as to the other educational facilities in the islands. The census of the Philippine Islands, taken in 1903, however, gives statistics of private and religious

<sup>a</sup> The basis of this estimate, as indicated in the body of the report, is one-third of the total number of children between the ages of 6 and 14.

schools which supplement those contained in the foregoing report of the superintendent of education. There is a discrepancy between the statistics taken from the two sources indicated, which may partly be explained by the statement on page 671 of the Census Report, Volume III, that it was found difficult to separate with certainty the public schools from the private and religious schools in the census schedules. There were undoubtedly schools which were essentially public, being free and supported by the funds of the local government or private contributions, but which were not under the control of the bureau of education. Most of these, if not all, were called public schools in the schedules, and have been so tabulated. Their inclusion is probably the reason for the magnitude of the figures relating to public schools compared with those of the bureau of education.

With this explanation, which does not, however, account for a number of particular discrepancies, we reprint some of the census statistics relating to the primary and secondary schools. No report of the condition of the university has been received since the publication of the report of this bureau for 1897–98.

Primary schools:	
Public	1, 593
Private	951
Religious	314
Total	2, 858
Secondary schools :	
Public	40
Private	52
Religious	10
Total	102
Superior schools	<b>2</b>

This makes the total number of schools in the islands (including those of university grade) 2,962. It is remarkable that only 1,593 public schools are given by the census, if the 2,286 primary day schools reported by the superintendent of education are public schools. The census figures show that only 55.8 per cent of the primary schools were public schools, the private (951) and religious (314) schools amounting to 44.2 per cent. In secondary education the private (52) and religious (10) schools took the lead over the public (40) schools. According to the report of the superintendent of education quoted above, the secondary schools under the bureau are in process of organization.

The census adds on this point: In 38 out of the 50 political subdivisions above given public schools outnumbered the private and religious schools taken together. In certain provinces nearly all the schools were public. In 11 other provinces mentioned, including the rich provinces of Albay and Manila; the private and religious schools outnumbered the public schools. Of the 52 private secondary schools 18 were in Albay, 10 in Manila, and 7 in one other province. The large number of private and parochial schools is partly due to a reactionary feeling in regard to the secular character of the public schools, in which no religious instruction is allowed during the school session. This prejudice is, however, dying out since the school law allows religious instruction for one and one-half hours three times a week in the school building. The following table is interesting as showing the periods of construction of the school buildings of the islands:

## Dates of erection of school buildings.

1900–1903 2	2,075	1830–1840	12
1890–1900	289	1820–1830	9
1880–1890	150	1810–1820	5
1870–1880	84	1800–1810	5
1860–1870	65	1700-1800	9
1850–1860	23	1600–1700	5
1840-1850	5	Unknown	226

The census gives a larger number of public school buildings than the bureau of education, besides the private schools, as is shown in the following summary:

Public schoolhouses :	Private schoolhouses:
Nipa 1, 085	Nipa 1, 217
Durable 885	Durable 274
Total 1, 970	Total 1, 491
Owned 1, 652	Owned 1, 396
Rented 318	Rented 95
Total 1,970	Total 1, 491

The census gives an aggregate of 5,925 teachers, of whom 3,667 were in the public, 1,657 in the private, and 601 in the religious schools. The bureau of education gives 4,195 public school teachers. There were 434 teachers in the secondary schools, of whom 161 were in the public, 191 in the private, and 82 in the religious schools. There were 65 professors in the two superior institutions (University of Santa Tomas at Manila, and the Institute Aclan, a private university in Calibo, province of Capiz). Of the 5,925 teachers, 4,898 were Filipinos (3,120 men and 1,778 women) and 785 were Americans (551 men and 234 women); 236 were Spanish (133 men and 103 women), besides 5 Chinese (4 men, 1 woman), and 1 Englishman.

It further appears that of the 3,667 public school teachers in 1903, 2,880 of the Filipinos were Catholics and 13 Protestants, 60 of the Americans were Catholics and 708 Protestant; there were 6 of other faiths. Of the 2,258 private or religious school teachers, 2,003 Filipinos were Catholics and 2 Protestant; 7 Americans were Catholics and 10 Protestants, and the 236 Spaniards were all Catholics.

The census (1903) gives the enrollment at 356,385, of whom 266,362 were in the public schools, 63,545 in the private, and 26,478 in the religious schools. Of this number, 341,938 were enrolled in the primary grade, 261,615 being in the public primary, 56,405 in the private primary, and 23,918 in the religious (parochial) schools. The secondary grade included a total of 14,011, of whom 4,747 were in the public, 7,022 in the private, and 2,242 in the religious schools. There were also 436 university students. (The census school age was 5 to 17, and there were 2,137,397 children of this age.)

The enrollment in the public schools was 74.8 per cent of the total, and 96 per cent of the enrollment was in the primary grade. Nine and one-half per cent of the people outside of Manila could use English.

## FILIPINO STUDENTS IN THE UNITED STATES.

#### [Extracts from the report of the superintendent of Filipino students in the United States.]

The plan to send students from the Philippines for education, even complete Americanization, to the United States, has been the purpose of the educational authorities since soon after the implantation of civil government in the archipelago by the Americans. It took definite form with the passage of act No. 854 by the Philippine Commission on August 26, 1903.

A resolution of the Commission fixed the number for the first year at 100 students, 75 of whom were to be appointed from throughout the archipelago.

The apportionment was based roughly upon the school population and the importance in industrial lines of the respective provinces.

For the purpose of selecting the students in the various provinces the provincial governor and the division superintendent of schools were instructed to propose candidates for appointment, under the conditions mentioned in the telegram hereinafter quoted. With very few exceptions the provincial governors are Filipinos, the exceptions being Americans. The division superintendents of schools are all Americans. These two officials of course possessed a complete knowledge of local conditions, the governor being acquainted with the character and social standing of the individual applicants, while the division superintendent, personally and through his teachers, had a complete knowledge of the educational qualifications of the students. The concurrence of both of these officials was necessary, and they were guided wholly by the terms of the following telegram, which was sent to each of the provincial governors:

After conference with the division superintendent of schools, select for appointment a<sup>o</sup> students in the United States at the expense of the government, ----- Filipino students of the public schools between 16 and 21 years of age. Each candidate is subject to examination in Manila, and in case of rejection his expenses to Manila and return home will be paid by the government. Each student must be of unquestionable moral and physical qualifications, weight being given to social status. He must be well advanced in English, mathematics, history, geography, and of exceptional general intelligence. We must have the best boys in your province. Appointees must sign agreement to conform to reasonable regulations and to enter the Philippine civil service upon return to islands for a period equal to that spent in the United States at government expense. Every qualification mentioned is imperative. Expenses of appointees will be paid by the government after embarkation at Manila for the United States. Telegraph selections immediately in the name of yourself and division superintendents, and hold candidates in readiness to proceed at once, upon telegraphic orders, to Manila and the United States. Certify immediately this telegram to division superintendent of schools. Prompt action is desired.

#### TAFT, Civil Governor.

Practically all of these provinces held competitive examinations, and those students securing the highest averages, who presented the other qualifications necessary, were certified to the civil governor by the officials named. Upon these certifications the appointments of the 75 students were made, and they were directed to proceed to Manila in season to embark.

The other 25 of the first hundred were chosen from a large number of applicants, and were proposed after examination by a committee composed of Dr. T. H. Pardo de Tavera, Philippine Commissioner; Hon. A. W. Fergusson, executive secretary, and the superintendent of the Filipino students. This selection was made without reference to attendance upon public schools, as was necessary in the case of the 75. Natural ability, together with special mental and physical fitness and promise, moral character, and general availability determined the selection.

The students were distributed from Los Angeles on the 12th and 13th of November and were located as follows: At Santa Barbara, 7 students; at Ventura, 6; at Hueneme, 4; at Santa Paula, 4; at Claremont, in the public schools, 4, and in the Pomona College, 8; at San Diego, in the high school, 5, and in the State Normal School, 9; in National City, 5; at Compton, 4; at Whittier. 6; at Redlands, 6; at Riverside, 16. Two students already in the United States at the time of their appointment were located, 1 at Berkeley, Cal., and 1 at Ann Arbor, Mich.

Several reasons induced me to bring them to southern California at that time, the climate of course furnishing the most potent. The schools of California are of a superior grade, and they were freely offered for our purposes. Half tuition was granted at Pomona College, no tuition being paid elsewhere. A warm and hospitable reception was awaiting the students in the homes of the people of the communities where they were placed, and they will be in every respect better fitted for a change to a different climate and entrance into new schools next fall.

In accordance with my recommendation, made and repeated in former reports, the Commission has seen fit generously to provide in act 1133, amendatory to act S54, that the necessary expenses of medical attendance upon the Filipino students shall be paid in addition to, and not deducted from, the regular annual allowance of \$500, for each student.

During the period covered by this report (from October 10, 1903, to June 30, 1904) the students have expended for education and maintenance an average sum, approximately, of \$295 each.

In every town students have been given private instruction. In some cases this special tuition has been paid for, but in the majority of cases it has been furnished by the regular teachers outside of school hours, and solely on account of the personal interest felt by the teachers in the students. Not one of the hundred students comprising the first expedition to the United States failed of promotion at the close of the first year, and many were promoted during the year as well. They have kept pace nearly always on equal terms with, and often a little ahead of, their American schoolmates, and not only in studiousness and seriousness are they often cited to their American companions as desirable examples, but many teachers have stated to me that they have been a very noticeable influence for gentleness, courtesy, and neatness upon their American fellow-students. Not the least of the many beneficial results of this Filipino student movement has been this effect upon the American students and others with whom they have associated. It has amounted in many cases to a conversion from prejudice and antagonism to real friendship for and interest in the Filipino people and their government. They have been received into the best families and into the best social circles in practically all of the towns in which they have been located. Indeed, it has been necessary in several cases for me to request the students to abstain from accepting invitations to social functions except on Friday evenings and Saturdays. Of course there is danger in too much social attention, but in reason their social life is quite as important as any other. It is interesting to note that at a number of places the students have taken part. always in English, in public entertainments connected for the most part with their schools.

The schools of southern California have in many ways proven of exceptional adaptability to the Filipino student's needs. Many of the schools, especially high schools, in southern California have new buildings and the latest equipment in all departments, while the teaching force of all the schools, whether insmall or large towns, is of a standard scarcely excelled in any other State. There are many Spanish-speaking people, Mexicans, in this region, remnants of Mexican domination, or immigrants from our neighboring Republic. Many of these have attended the same schools with the Filipinos, and the Filipino is in many respects more like the Mexican than he is like any other race I know of. The sectional or race issues are unknown, and the typical western hospitality has been extended to the visitors.

The selection of permanent schools—that is, schools for the students to attend during the remainder of their stay in America—has been a matter of serious study and careful investigation. The States in which most of the students will be placed are those of Massachusetts, Connecticut, New York, Pennsylvania, Ohio, Illinois, Indiana, Michigan; a few in Maryland, West Virginia, Tennessee, and Missouri.

The superintendent, Mr. William Alexander Sullivan, visited the States above mentioned and arranged for the admission of the Filipino students at the following institutions: The Pennsylvania School of Industrial Art, at Philadelphia; the State Normal School, West Chester, Pa.; the State Normal and Training School, at Trenton, N. J.; the high school, Meriden, Conn.; the Massachusetts Institute of Technology, Boston, Mass.; the State Normal School, Oswego, N. Y.; Cornell University, Ithaca, N. Y., and the Ithaca High School. A number of students will be sent to the Carnegie School of Technology, at Pittsburg, when that institution is completed. The next schools selected were the high school at Cumberland, Md.; the high school at Parkersburg, W. Va.; the Kentucky University, Lexington, Ky.; the high school at Chattanooga, Tenn., and the University of Tennessee, at Knoxville. The preparatory technical school of the University of Cincinnati was next selected; then Oberlin College, Oberlin, Ohio; then Michigan University, Ann Arbor (engineering). The State Normal School, De Kalb, Ill.; the State Normal University, Bloomington, Ill.; the University of Indiana (law), and the University of Missouri (medicine), at Columbia, Mo., complete the list.

## A TEACHER'S NOTES ON THE SCHOOLS OF THE PHILIPPINE ISLANDS.

## By ROBERT B. VAILE.

The school system of the Philippine Islands, which is providing elementary and secondary education to more than 400,000 pupils who are scattered over a territory about equal in area to that of Ohio, Indiana, and Illinois, is the product of a process of development from virtually nothing, save the relics of a former system in the form of a certain amount of crude equipment and an approach to a school-going habit among the children.

It was in the fall of 1901 that about 600 teachers, of which number 200 were women, were assigned to the United States army transport *Thomas* for transportation to Manila.) They had received their appointments upon the recommendation of a university or of a State superintendent, and a college or normal school training was presupposed. Three or four of the men in the company had been in the islands before as soldiers, but all of the rest had only second-hand information about the islands, and not very much of that.

Upon arriving in Manila they were provided with quarters by the school , authorities, who were aided materially by the military authorities. They were sent out in parties to their respective stations within the course of a month, and then it was that the real work began. My own experience was nearly typical of the situation generally.

It was my fortune to be assigned to Abra Province. There were 6 teachers sent to that Province, and to get to it we traveled on a Spanish coasting vessel for two days to Vigan, a point on the west coast of Luzon about 300 miles north of Manila, and then on a bamboo raft, through the courtesy of the military authorities, up the Abra River about 18 miles to Banguid, the provincial town of Abra Province. We arrived in Banguid on a Saturday night, and on Sunday I proceeded the additional 7 miles I had to go on another raft.

I was told by the commanding officer of the troops in the province that the company of soldiers which had been occupying the town to which I was going for the past few months was just moving away. So it was that I took up my residence in a town in which I was quite unable to talk with a single individual save by means of a dictionary. I took up my school work the next morning. The schoolhouse I found to be a substantial one-storied building with a thatched roof, stone walls, a good board floor, and 15 or 20 hard-wood benches, each made for 5 pupils. The building was divided into two equal rooms by a stone partition; the boys had one of these rooms and the girls the other. There was only one blackboard, about 3 feet square, a box of chalk, and a quantity of ruled paper for writing exercises, besides a reading chart, in the schoolhouse by way of equipment. I found that some of the children had American slates, and also some had primers, which I learned had been distributed by the military authorities. There was a Filipino man teacher in the boys' school and a woman teacher in the girls' school who had attendance records, kept in Spanish, running back for some years.

## 360

Thus it appears that under the Spanish régime real attention had been given to school affairs, and even during the interval preceding the American occupation the schools had not been allowed to go out of existence. The friar in each town had had control of the school, as was shown by his signature on the retained copies of the old reports that I saw. Apparently not a great deal had been attempted in the way of instruction, since the only text-books that I saw were primers, catechisms, and elementary arithmetics. The Spanish friars used to have private classes in Spanish, and in the larger towns there were academies which offered instruction in Spanish only. In Manila there are still two large schools—one under the charge of the Jesuits, besides a school of medicine and one of law.

The first morning upon which I confronted the 70 or 80 little boys, each of whom had on a long shirt, while some had no more, found me with hardly a single point of contact with my pupils. They knew not a word of English and I knew hardly a word of either their dialect or of Spanish. As for the value of Spanish, the children virtually knew nothing of it, the teacher could use it only indifferently, and I found that there were only about a dozen men in the whole village, of about 4,000 inhabitants, who could carry on a conversation in it, and even they did not use the subjunctive mood with any degree of facility or accuracy.

From a drill on vowel sounds, accomplished by means of much sign language, the children proceeded to our consonant sounds, some of which proved to be extremely difficult for their tropical vocal organs. Then, by means of object and motion lessons, of endless repetition, of crude translation, and explanation, with the help of the Filipino teacher, through Spanish into Ilocano, the local dialect of that region, they read in the primer with a fair degree of understanding. Of course, the older ones—some of them were 16 years old—made the best progress, and at the end of the first school year they were finishing a first reader.

Writing exercises were the easiest for them all, and a number acquired considerable ability in drawing. Their sense of number was not very acute, save in exceptional instances, and, of course, geography and history were so abstract to them as to be difficult. Only four or five in the whole school had ever been outside of the province, which is no larger than most Illinois counties.

They learn very readily to sing, taking up with avidity anything that was set before them, especially our southern dialect songs, and also our usual school songs. Committing to memory selections to be spoken at school or at an exhibition is a particular delight to them, and they have an aptitude for contests of that sort, with money prizes. They like drills also, and tableaux, and even plays. Holidays are naturally most pleasing to them, and to judge from the old school records they came frequently. The people kept all of the church days, of course, and all of the Spanish days. The harvest seasons—the rice-planting and rice-cutting seasons—interfered with continuous school work.

The inhabitants of Abra Province, together with those of the adjoining provinces of Ilocos Norte and Ilocos Sur, are known as Ilocanos. That means today simply that they use the dialect called Ilocano, for while it is true they have facial characteristics and social customs which might tend to differentiate them from the Tagalos and Visayans, still those differences have so far disappeared that they would seem to be almost negligible for ordinary purposes. The existence of the barrier, however, of language, as well as that of the mountain chain or ridge or the sea, which almost invariably separates those speaking one dialect from those using another, has even to this day effectually tended to keep apart the ten or twelve larger divisions of the people, or the thirty or more subdivisions, if the lesser dialects be considered. Thus it is that there is no feeling of nationality as yet among the Filipinos, and thus it is that none seems possible until a common language comes into existence and the means of communication become more extensive than they now are.

In my school there were but two representatives of the non-Christian (or hill) tribe that occupied the territory immediately to the east of the town in which I lived. This particular tribe is known by themselves as Itneg, but by others and more commonly as Tinguianes. They are a heathen people, living in a settled, orderly manner, but with no tribal organization, and so with only a local, virtually independent, control of their own affairs. Now, I found some bits of evidence that the ancestors of a few of the inhabitants of my town might have been at one time Tinguianes. In neighboring towns traces of the process of assimilation were quite evident in the persons of those "new Christians," as the Spanish phrase has it, namely, those Tinguianes who had cut off their long hair, had embraced the Catholic faith, and been baptized with a "Christian" name in addition to the former single name that they had borne, and so were admitted to the full rights of the town in which they chose to live. The theory which seemed to be accepted most generally, however, has it that the Philippine Islands were originally settled, at a time when civilization was at a very low ebb, by a wave of emigration from the Malay Peninsula and that the pioneers naturally settled along the coast. Later, at a time when civilization was at a slightly higher stage, another wave of emigration took place from the Malay Peninsula, and the last comers drove the first comers back into the mountainous interior of the country, while the newcomers occupied in turn the territory along the coast. Then when the Spaniards came to the islands they exerted all of their Christianizing and civilizing influences upon those whom they found nearest the coast, allowing those in the interior to remain in their original state of savagery, which they have virtually retained to this day.

During the Christmas week which I spent in a Tinguian village, about 10 miles farther in the hills, so far away from real civilization that we found only pitch wood used for illuminating purposes, and so far, also, from a civilized settlement, that hardly a Spanish word was of any avail whatever, I observed quite closely and agreeably the life and customs of the Tinguianes. The village in which we stopped was clean and orderly, the inhabitants were peaceable, unobtrusive, and most hospitable to us, and to all intents and purposes they lead a moral and happy life. They believe in good and bad spirits; that an eclipse is caused by some tribe on the earth eating the sun or moon to satisfy hunger; that thunder and lightning are caused by the striking of a giant flint and steel; one bright little fellow answered my question as to where he would go after he died by saying that while he did not know, I might find out for myself by dying. In the fall of 1904 some systematic school work, mostly industrial in its nature, was begun among these Tinguianes.

The similarity in nature and customs between the Ilocanos among whom I was living and the Tinguianes is perhaps not great, especially in view of the fact that all of the Ilocanos wear at least two full garments and wear their hair cut pompadour. Still, there was not a person in my town who ate his rice or other food with anything but his fingers when he was alone or with his own family. I never saw a Tinguian drunk or indulging in cock fighting, except in or near an Ilocano village. The Tinguian boys in my school made just as good progress, considering their lack of previous training, as any of their more fortunate companions.

At the beginning of the second school year I tried the experiment of putting the older and the brighter girls into the room of the man teacher, and of sending the younger boys into the room of the woman teacher, with the little girls. Notwithstanding that this was contrary to all former customs, it worked very well, and allowed much improvement in the work accomplished. What had been the highest class of girls became a part of the second class of boys, since the girls had not shown as much aptitude as the boys. Besides, the former teacher of the boys had early given up his post, realizing that he was too old to take up readily the new ideas, and he had been succeeded by a younger and promising teacher. It had not been the custom to send the girls to school with the same regularity or for as long a period as the boys. As a consequence the number of women who could speak Spanish was much smaller than that of men, and indeed there was no woman in that town beside the teacher who could carry on a conversation in Spanish.

It was during the course of this session, too, that a number of modern American-built school desks were allotted to my school by the insular bureau of education, as well as an additional lot of slates, language books, and geographies. The Filipino teachers now occupied all of their time in teaching what they had acquired during the first year, while I gave most of my attention to the pupils, and the required hour every day to teaching the Filipino teachers. At the end of the year the boys who were farthest along (they were completing the second reader) used to seem to enjoy coming to my house to look at my papers and pictures and to carry on a fairly adequate conversation with me in English. I was the only American with whom they had come into any real contact, too, since my nearest neighbor was 7 miles away.

How to attack the problem which revealed itself to the American teachers as we first confronted the actual conditions in our respective stations, or, indeed, how to get an adequate idea of the very nature of the problem itself in all its novelty and greatness were serious questions when we first went to work. The superintendent was no better informed than the teacher, and consequently we were permitted to work out our own individual solutions to the problem. In view of the independence and freedom that were granted in this respect it may well be strange, and yet also fortunate, that as good results have been secured as are now evident. Of course the foundation work is now virtually accomplished; competent supervisors have been developed among the now experienced American teachers, who are aiding the Filipino teachers and pupils to make the best progress consistent with the conditions.

The trials which the first teachers met with were not limited to those directly connected with seeking the best devices and methods nor to those arising from the necessity of acquiring a new language and a familiarity with new climatic conditions. The question of securing the best, or only suitable, food that was available; the hardships connected with a fluctuating currency, which was used by the civil government for more than two years; the necessity of further adjustment to the rules of the classified civil service when the whole of the bureau of education was taken into that service; and various other difficulties and annoyances that continually arose made it not easy, to say the least, to find nothing but joy or even a reasonable satisfaction at the time in carrying out the experiment to the end. Happily, nearly all of that has now disappeared through the process of crystallization of the best and the better adjustment of the various conflicting interests.

The third school year I spent on the island of Panay, about as far south of Manila as I had been north, and among a different people, the Visayans. First, I had to learn a new dialect, if I wished to be able to talk with the great body of the inhabitants, although it is true that there is much more Spanish culture evident in the southern islands than in the region north of Manila. The progress of the schools under the new régime was greater, also, because of the more favorable conditions of travel and of work. The attitude of the Filipinos seemed to be more critical, to put it the most mildly, and the difficulties to be overcome were also greater. In Iloilo, which is the second city in the archipelago, the highest of the five classes in the provincial school was reading in the fifth reader in the fall of 1904. They were pursuing other studies, such as arithmetic, United States history, and geography at points much further advanced, however, than this would seem to indicate.

The bureau of education is under the direction of the secretary of public instruction, who is one of the four American members, besides the president, of the United States Philippine Commission. At the head of the bureau is the superintendent of education, who has his office in Manila, in which are also two assistant superintendents and a corps of clerks. Then there are some 35 division superintendents, each of whom is responsible for the school affairs of a single province, as a rule. There are about 900 American teachers in the islands, who are paid from the insular treasury, about seven-eighths of the income of which is derived from the customs receipts and the remainder from the internal-revenue tax. All of the books and supplies are purchased from the same fund, the appropriation each year being between a million and a million and a half dollars. The town authorities, from the proceeds of the local land tax and from fees and licenses, provide and maintain school buildings and pay the salaries of the Filipino teachers, of whom there are some 4,000, under the direction of the division superintendents.

The outlook, notwithstanding all the discouragements and hindrances which loom up so large when they are a part of one's life, but which shrink and disappear in time, is favorable to a healthy growth and development of the school system of the Philippine Islands. It is certain now that they must continue to increase in efficiency and numbers until they are performing their whole duty toward the uplifting of the Filipino people.

# CHAPTER XVII.

## EDUCATIONAL DIRECTORY.ª

.

I.—CHIEF STATE SCHOOL OFFICERS.

H. C. Gunnells R. L. Long J. J. Doyne	Montgomery, Ala Phoenix, Ariz	State superintendent of education.
J. J. Doyne		braic superintendent of equeation.
J. J. Doyne	i nochik, milz	Territorial superintendent of public instruc- tion.
	Little Rock, Ark	State superintendent of public instruction.
Edward Hyatt	Sacramento, Cal	Do.
Miss Katherine L. Craig Charles D. Hine	Denver, Colo Hartford, Conn	Do. Secretary of State board of education.
Thomas C. Roe.	Dover, Del.	Do.
Wm. E. Chancellor	Washington, D. C	Superintendent of District schools.
W. M. Holloway	Tallahassee, Fla	State superintendent of public instruction.
W. B. Merritt. S. Bellc Chamberlain	Atlanta, Ga Boise, Idaho	State school commissioner. State superintendent of public instruction.
Frank G. Blair	Springfield, Ill	Do.
John D. Benedict	Muscogee, Ind. T.	Territorial superintendent of schools.
F. A. Cotton	Indianapolis, Ind	State superintendent of public instruction.
John F. Riggs.	Des Moincs, Iowa	Do.
E. T. Fairchild J. H. Fuqua, sr	Topeka, Kans Frankfort, Ky	Do. Do.
J. B. Aswell.	Baton Rouge, La.	State superintendent of public education.
W. W. Stetson	Augusta, Me.	State superintendent of public schools.
M. Bates Stephens	Annapolis, Md	State superintendent of public education.
George H. Martin	Boston, Mass	Secretary of State board of education.
Luther L. Wright J. W. Olsen	Lansing, Mich St. Paul, Minn	State superintendent of public instruction.
Henry L. Whitfield	Jackson, Miss	State superintendent of public education.
Howard A. Gass	Jefferson City, Mo	State superintendent of public schools.
W. C. Harmon	Helena, Mont	State superintendent of public instruction.
J. L. MeBrien	Lincoln, Nebr Carson, Nev	Do.
Orvis Ring Henry C. Morrison	Carson, Nev	Do. Do.
Chas. J. Baxter	Trenton, N. J.	Do.
Hiram Hadley	Santà Fe, N. Mex	Territorial superintendent of public instruc-
		tion.
Andrew S. Draper	Albany, N. Y. Raleigh, N. C.	State commissioner of education.
J. Y. Joyner W. L. Stockwell	Bismarck, N. Dak	State superintendent of public instruction.
E. A. Jones.	Columbus, Ohio	State commissioner of common schools.
J. E. Dyche	Guthrie, Okla	Territorial superintendent of public instruc-
		tion.
J. H. Ackerman	Salem, Oreg	State superintendent of public instruction.
Nathan C. Schaeffer Walter E. Ranger	Harrisburg, Pa Providence, R. I	Do. Commissioner of public schools.
O. B. Martin	Columbia, S. C	State superintendent of education.
H. A. Ustrud	Pierre, S. Dak	State superintendent of public instruction.
R. L. Jones.	Nashville, Tenn	Do.
R. B. Cousins	Austin, Tex	Do.
A. C. Nelson Mason S. Stone	Salt Lake City, Utah	Do. State superintendent of education.
J. D. Eggleston, jr	Montpelier, Vt	State superintendent of public instruction,
R. B. Bryan	Olympia, Wash	Do.
Thomas C. Miller	Charleston, W. Va	State superintendent of free schools.
C. P. Cary A. D. Cook	Madison, Wis Cheyenne, Wyo	State superintendent of public schools. State superintendent of public instruction.
Sheldon Jackson	Sitka, Alaska	General agent of education.
W. H. Babbitt D. P. Barrows	Honolulu, Hawaii	Superintendent of public instruction. General superintendent of public instruction.
Roland P. Falkner	San Juan, Porto Rico	Commissioner of education.

<sup>a</sup> Corrected to Oct. 15, 1906, in so far as changes have been reported to the Bureau, except the list of State school officers, which has been corrected to April 15, 1907.

ED 1905-VOL 1-27

## II.—CITY SCHOOL SUPERINTENDENTS.

## ALABAMA.

Anniston, D. R. Murphy. Bessemer, Joseph M. Dill. Birmingham, J. H. Phillips. Dothan, J. V. Brown. Eufaula, F. L. McCoy. Florence, W. W. Hall. Gadsden, W. E. Striplin. Girard, W. F. Monk. Huntsville, S. R. Butler. Mobile, S. S. Murphy. Montgomery, Charles L. Floyd. New Decatur, Arthur F. Harman. Opelika, George W. Brock. Phœnix, W. O. Smith. Pratt City, P. M. McNeil. Selma, R. E. Hardaway. Talladega, D. A. McNeil. Troy, John P. Selman. Tuscaloosa, James H. Foster. Woodlawn, George D. Godard.

#### ARIZONA.

Phoenix, J. F. Stilwell. Prescott. Tucson, W. M. Rutherauf.

#### ARKANSAS.

Fayetteville, F. S. Root. Fort Smith, J. W. Kuykendall, Helena, S. H. Spragins. Hot Springs, George B. Cook, Jonesboro, D. T. Rogers. Little Rock, B. W. Torreyson. Paragould, William E. Skaggs. Pine Bluff, Junius Jordan. Texarkana, F. W. Miller.

## CALIFORNIA.

Alameda, Fred T. Moore. Bakersfield, David W. Nelson. Berkeley, S. D. Waterman. Eureka, A. C. Barker. Fresno, C. L. McLane. Grass Valley, J. S. Hennessy. Los Angeles, Ernest Carroll Moore. Napa City, Dee T. Davis. Oakland, John W. McClymonds. Pasadena, James D. Graham. Petaluma. Pomona, P. W. Kauffman. Redlands : School district, A. Harvey Collins (supervising principal). Lugonia district, D. C. Reed (supervising principal). Riverside, A. N. Wheelock. Sacramento, O. W. Erlewine. San Bernardino, F. W. Conrad. San Diego, F. P. Davidson. San Francisco, A. Roncovieri. San José, George S. Wells. Santa Ana, J. A. Cranston.

## CALIFORNIA-Continued.

Santa Barbara, H. A. Adrian. Santa Clara, W. J. Hayward. Santa Cruz, John W. Linscott. Santa Rosa, E. M. Cox (principal). Stockton, James A. Barr. Vallejo, John Davidson. Watsonville, Irving Townsend.

#### COLORADO.

Aspen, J. S. Clifford.
Boulder, William V. Casey.
Canyon City, F. F. Thompson.
Colorado Springs, John Deitrich.
Cripple Creek, Wilson M. Shafer.
Denver, Lewis C. Greenlee.
Florence, Philip M. Condit.
Grand Junction, J. H. Allen.
Leadville, Frederick P. Austin.
Pueblo:
District No. 1, George W. Loomis.
District No. 20, John F. Keating.
Salida, Edgar Kesner.
Trinidad, J. P. Treat.
Victor, W. M. Shafer.

## CONNECTICUT.

Ansonia, Edwin C. Andrews. Branford, H. S. Lovejoy. Bridgeport, Charles W. Deane. Bristol, Charles L. Wooding. Danbury, Gilman C. Fisher (secretary board of school visitors). Derby, J. W. Peck. East Hartford, Thomas H. De Coudres. Enfield, George T. Finch (acting visitor). Glastonbury, Chas. G. Rankin. Greenwich, Newton B. Hobart (principal), Thomas F. Howley (secretary board school visitors). Hamden, Charles F. Clarke (secretary school committee). Hartford, Thomas S. Weaver. Huntington, W. D. Hood. Killingly, James M. Paine, Manchester: Town schools, Edward D. McCollum. Ninth district (south), Fred. A. Verplanck. Meriden, William P. Kelly. Middletown, C. H. Woolsey. Naugatuck, Frank W. Eaton. New Britain, Giles A. Stuart. New Haven, Frank Herbert Beede. New London, Charles B. Jennings. New Milford, John Pettibone. Norwalk, Abiathar Blanchard (secretary board of school visitors). Norwich : Nathan Lee Bishop (superintendent central district). John B. Stanton (superintendent West Chelsea district).

#### CONNECTICUT-Continued.

#### Putnam : R. Barber (secretary board of W. school visitors). E. H. Johnson (acting school visitor).

- Shelton, W. D. Hood.
- Southington, Mrs. Anna D. Pollard.
- South Norwalk, W. C. Foote.
- Stafford, Alvaredo Howard (chairman).
- Stamford, Everett C. Willard.
- Stonington, James H. Weeks, jr. (secretary board of school visitors).
- Torrington, Edwin H. Forbes. Vernon, W. B. Foster.
- East district, Isaac M. Agard.
- Wallingford, W. O. Cartwright, J. E. Wildman (secretary board of school visitors).
- Waterbury, B. W. Tinker.
- West Haven, Edgar C. Stiles.
- Westport, George II. Tracy.
- Windham, George K. Anderson (secretary board of school visitors).
- Winsted, William H. Millington.

### DELAWARE.

Wilmington, George W. Twitmyer.

#### DISTRICT OF COLUMBIA.

Washington, William E. Chancellor.

#### FLORIDA.

Fernandina, H. L. Mattais.

Gainesville,

Jacksonville, N. H. Palmer.

- Key West, J. V. Harris (county superintendent).
- Lake City, T. H. Owens (county superintendent).

Live Oak,

Ocala.

Palatka, L. K. Tucker.

Pensacola, N. B. Cook (county superintendent).

St. Augustine, R. B. Ruthersford.

Tampa, J. W. McClung (county superintendent).

#### GEORGIA.

Albany, A. J. Barwick. Americus, A. G. Miller. Athens, G. G. Bond. Atlanta, W. F. Slaton. Augusta, Lawton B. Evans. Barnesville, Brunswick, N. H. Ballard. Columbus, Carleton B. Gibson. Cordele, Dalton, J. M. Weatherly. Dublin, Kyle Terry Alfriend. Elberton, P. B. Winn. Gainesville, Charles B. Mathews. Griffin, E. J. Robeson.

#### GEORGIA—Continued.

Lagrange, C. L. Smith. Macon, C. B. Chapman. Marietta, W. T. Dumas. Milledgeville, W. E. Reynolds. Newnan, J. W. Gaines. Rome, James C. Harris. Savannah, Otis Ashmore. Thomasville, W. G. Davis. Valdosta, R. B. Daniel. Waycross, E. A. Pound.

#### IDAHO.

Boise, J. E. Williamson. Pocatello, Walter R. Siders.

#### ILLINOIS.

Alton, Robert A. Haight. Aurora : District No. 4 (west side), A. V. Greenman. District No. 5 (east side), C. M. Bardwell. Batavia, L. F. Wentzel. Beardstown, J. Gladden Hutton. Belleville, George H. Busieck. Belvidere : North side, E. D. Merriman. South side, C. II. Levitr. Bloomington, J. K. Stableton. Blue Island, J. E. Lemon. Cairo, Taylor C. Clendeuen. Canton, G. W. L. Meeker. Centralia, S. H. Bohn. Champaign, Frank D. Haddock. Charleston, De Witt Elwood. Chicago, Edwin G. Cooley. Chicago Heights, F. M. Richardson. Clinton, Frank L. Horn. Collinsville, Samuel J. Curlee. Danville, L. II. Griffith. Decatur, Enoch A. Gastman. De Kalb, Newell D. Gilbert. Dixon: South Dixon, Vernon G. Mays. North Dixon, II. V. Baldwin. Duquoin, Charles W. Houk. East St. Louis, John E. Miller. Edwardsville, T. M. Birney. Effingham, C. W. Jerkes. Elgin, M. A. Whitney. Evanston : District No. 75, Homer II. Kingsley. District No. 76, South Evanston, Fred W. Nichols. Freeport, S. E. Raines. Galena, P. H. Clark. Galesburg, William L. Steele. Harlem, Frank Curtis. Harvey, F. L. Miller. Hoopeston, Arthur Verner. Jacksonville, W. A. Furr. Jerseyville, J. Pike.

#### ILLINOIS-Continued

Joliet, John A. Long. Kankakee, F. N. Tracy. Kewanee, J. N. Adee. Lagrange, F. E. Sanford. La Salle, J. B. McManus. Lincoln, L. D. Ellis. Litchfield, C. E. Richmond. Macomb, W. W. Earnest. Maywood, J. Porter Adams. Mattoon, G. P. Randle. Mendota, W. R. Foster. Metropolis City, T. F. McCartney. Moline, Gerard T. Smith. Monmouth, F. H. Bloodgood. Morris, Rupert Simpkins. Mount Carmel, W. S. Booth. Mount Vernon, E. E. Van Cleve. Murphysboro, William Calhoun. Normal, E. A. Fritter. Olney, J. O. Marberry. Ottawa, C. J. Byrne. Pana, William Miner. Paris, H. W. Monical. Pekin, James J. Crosby. Peoria, Gerard D. Smith. Peru, Ira M. Ong. Pontiac, C. E. De Butts. Princeton, M. G. Clark. Quincy, D. B. Rawlins. Rockford, P. R. Walker. Rock Island, Herbert B. Hayden. Springfield, Edward Anderson. Spring Valley, C. P. Hulce. Sterling: District No. 3 (the Sterling schools), H. L. Chaplin. District No. 10 (the Wallace schools), Miss A. Laurie Hill. Streator, M. G. Clark. Sycamore, H. A. Bone. Taylorville : East side, Henry L. Fowkes. West side, H. N. Foltz. Urbana, J. W. Hays. Waukegan, W. J. Stebbins. INDIANA,

Alexandria, O. M. Pittenger. Anderson, J. B. Pearcy. Bedford, J. B. Fagan. Bloomington, James K. Beck. Bluffton, W. A. Wirt. Brazil, L. B. O'Dell. Columbus, T. F. Fitzgibbon. Connersville, L. D. Coffman. Crawfordsville, William A. Millis. Decatur, William Beachler. East Chicago, Edwin N. Canine. Elkhart, Ellis H. Drake. Elwood, Charles S. Meek. Evansville, Frank W. Cooley. Fort Wayne, Justin N. Study. Frankfort, Edwin S. Monroe. Franklin, H. B. Wilson.

## INDIANA-Continued.

Garrett, Francis M. Merica. Gas City, J. H. Jeffrey. Goshen, Victor W. B. Hedgepeth. Greenfield, W. C. Goble. Greensburg, Elmer C. Jerman. Hammond, C. M. McDaniel. Hartford City, Finley Geiger. Huntington, W. P. Hart. Indianapolis, Calvin N. Kendall, Jeffersonville, C. M. Marble. Kokomo, Robert A. Ogg. Lafayette, R. F. Hight. Laporte, John A. Wood. Lawrenceburg, Jesse W. Riddle. Lebanon, H. G. Brown. Linton, Joseph H. Haseman. Logansport, Albert H. Douglass. Madison, A. O. Neal. Marion, Benjamin F. Moore. Martinsville, J. E. Robinson. Michigan City, L. W. Keeler. Mishawaka, J. F. Nuner. Montpelier, L. E. Kelley. Mount Vernon, Edward G. Bauman. Muncie, George L. Roberts. New Albany, C. A. Prosser. Noblesville, John A. Carnagey. Peru, A. A. Campbell. Plymouth, R. A. Randall. Portland, Grant E. Derbyshire. Princeton, Harold Barnes. Richmond, Thomas A. Mott. Rushville, J. H. Scholl. Seymour, H. C. Montgomery. Shelbyville, James H. Tomlin. South Bend, Calvin Moon. Terre Haute, P. W. Morgan. Tipton, C. F. Patterson. Valparaiso, Arthur A. Hughart. Vincennes, R. I. Hamilton. Wabash, Adelaide S. Baylor. Warsaw, J. J. Early. Washington, William F. Axtell. Whiting, John C. Hall.

#### INDIAN TERRITORY.

Ardmore, Charles Evans. Chickasha, W. S. Staley. Durant, C. L. Neely. McAlester, William Gay. Muscogee, Charles W. Briles. South McAlester,

#### IOWA.

Albia, F. E. George.
Atlantic, Carlos M. Cole.
Boone, J. C. King.
Burlington, Francis M. Fultz.
Cedar Falls, D. M. Kelly.
Cedar Rapids, J. J. McConnell.
Centerville, E. N. Gibson.
Charles City, C. A. Kent.
Cherokee, L. H. Maus.

#### IOWA—Continued.

Clarinda, Willard E. Salisburg. Clinton, O. P. Bostwick. Council Bluffs, W. N. Clifford. Creston, O. E. French. Davenport, J. B. Young. Decorah, Henry C. Johnson. Des Moines: East Side, R. J. Hartung. West Side, W. O. Riddell. Capital Park, J. R. McComb. Dubuque, F. T. Oldt. Fairfield, S. A. Power. Fort Dodge, George H. Mullin. Fort Madison, C. W. Cruikshank, Grinnell, Eugene Henely. Independence, Iowa City, A. V. Storm. Keokuk, William Aldrich. Lemars, Thomas B. Hutton. Marion, G. E. Finch. Marshalltown, Elmer L. Coffeen. Mason City, W. A. Brandenburg. Missouri Valley, J. II. Beveridge. Mount Pleasant, Bruce Francis. Muscatine, W. F. Chevalier. Newton, E. J. H. Beard. Oelwein, O. W. Herr. Oskaloosa, F. W. Else. Ottumwa, A. W. Stuart. Perry, W. B. Thornburgh. Redoak, George S. Dick. Shenandoah. Sioux City, W. M. Stevens. Washington, R. B. Crone. Waterloo: East Side, Fred D. Merritt, West Side, A. T. Hukill.

Webster City, L. H. Ford.

#### KANSAS.

Argentine, II. P. Butcher. Arkansas City, L. W. Mayberry. Atchison, Nathan T. Veatch. Chanute, J. H. Adams. Cherryvale, A. J. Lovett. Coffeeville, William M. Sinclair. Concordia, A. F. Senter. Emporia, L. A. Lowther. Fort Scott, David M. Bowen. Galena, Leslie T. Huffman. Horton, W. W. Wood. Hutchinson, R. R. Price. Independence, C. S. Risdon. Iola, Miss Clifford A. Mitchell. Junction City, William S. Heusner. Kansas City, M. E. Pearson. Lawrence, Frank P. Smith. Leavenworth, George W. Kendrick. Manhattan, Newton, David F. Shirk. Osawatomie, C. L. Williams. Ottawa, A. L. Bell. Parsons, J. A. Higdon. Pittsburg, A. H. Bushey.

#### KANSAS-Continued.

Rosedale, G. E. Rose. Salina, George R. Crissman. Topeka, L. D. Whittemore. Wellington, W. M. Massey. Wichita, R. F. Knight. Winfield, J. W. Spindler.

#### KENTUCKY.

Ashland, John Grant Crabbe.
Bellevue, H. L. Eby.
Bowling Green, T. C. Cherry.
Covington, K. J. Morris.
Danville, W. C. Grinstead (principal of high school).
Dayton, G. W. Gurney.
Frankfort, H. C. McKee.
Georgetown, R. L. Garrison.
Henderson, Livingston McCartney.
Hopkinsville, Barksdale Hamlett.
Lexington, M. A. Cassidy.

Louisville, Edgar H. Mark. Madisonville, Ralph B. Rubins.

Maysville, D. S. Clinger (principal of high school).

Middlesboro, M. O. Winfrey.

Newport, Ellsworth Regenstein,

Owensboro, W. A. Barnes.

Paducah, C. M. Lieb.

Paris, George W. Chapman.

Richmond, H. H. Brock.

Somerset, J. B. W. Brouse.

Winchester, R. M. Shiff.

#### LOUISIANA.

Aiexandria, H. H. Harper (principal). Baton Rouge, T. H. Harris. Crowley, E. B. Stover. Donaldsonville, D. B. Showalter (parish superintendent). Houma, William P. Tucker. Lake Charles, B. F. Dudley. Monroe, George W. Reid. New Iberia, J. C. Ellis. New Orleans, Warren Easton. Shreveport, —— Blanton.

#### MAINE.

Auburn, Payson Smith.
Augusta:
Mrs. A. H. D. Hanks (superintendent suburban and high schools).
Weston Lewis (principal Williams district).
Bangor, Charles E. Tilton.
Bath, Frederick W. Freeman.
Belfast, Alonzo J. Knowlton.
Biddeford, Royal E. Gould.
Brewer, Charles N. Perkins.
Brunswick, Charles M. Pennell.
Calais, Ashley St. Clair.
Eastport, Charles S. Sewall.
Ellsworth, R. E. Mason.

#### MAINE—Continued.

Cardiner, Charles O. Turner.
Houlton, F. L. Putnam.
Lewiston, I. C. Phillips.
Oldtown, D. L. Wormwood.
Pertland, W. H. Brownson.
Rockland, H. H. Randall.
Saco, John S. Locke.
Sanford, Austin R. Paull.
Skowhegan, D. W. Colby,
South Portland, James Otis Kaler.
Waterville, Elwood T. Wyman.
Westbrook, Fred. Benson.
nesestoon, recar bensom

## MARYLAND.

Annapolis, H. R. Wallis (county superin-		
tendent), W. S. Crouse (principal).		
Baltimore, J. H. Van Sickle.		
Cambridge, W. P. Beckwith.		
Cumberland, A. C. Willison (county superin-		
tendent).		
Frederick, Ephraim L Boblitz (county su-		
perintendent.)		
Frostburg, Olin R. Rice (principal of high		
school).		
Hagerstown, John P. Fockler (county super-		
intendent).		
Salisbury, H. C. Bounds.		
MASSACHUSETTS.		
Abington, C. A. Record.		
Adams, Francis A. Bagnall.		
Amesbury, Charles E. Fish.		
Amherst, Audubon L. Hardy.		
Andover, Corwin F. Palmer.		
Arlington, Frank S. Sutcliffe.		
Athol, W. Scott Ward.		
Attleboro, Lewis A. Fales.		
Barnstable, G. H. Galger.		
Belmont, George P. Armstrong.		
Beverly, Adelbert Leon Safford.		
Blackstone, J. P. McCooey.		
Boston, Stratton D. Brooks.		
Braintree, John C. Anthony.		
Bridgewater, C. A. Record.		
Brockton, B. B. Russell.		
Brookline, George I. Aldrich.		
Cambridge, William C. Bates.		
Canton, James S. Perkins.		
Chelmsford, Frederic L. Kendall.		
Chelsea, B. C. Gregory.		
Chicopee, John C. Gray.		
Clinton, Charles L. Hunt.		
Concord, William L. Eaton.		
Danvers, Arthur J. Collins.		
Dartmouth, Charles E. Soule (secretary of		
school committee).		
Dedham, Roderick Whittlesey Hine.		
Easthampton, W. D. Miller.		
Easton, Frederic L. Pope, jr.		
Everett, U. G. Wheeler.		
Fairhaven, Frank M. Marsh.		
Fall River, Everett B. Durfee.		
Fitchburg, Joseph G. Edgerly.		
Framingham, Samuel F. Blodgett.		

#### MASSACHUSETTS-Continued.

Franklin, Irving H. Gamwell. Gardner, Judson I. Wood. Gloucester, Freeman Putney. Grafton, Robert O. Small, Great Barrington, H. Dressel, jr. Greenfield, G. H. Danforth. Haverhill, George E. Gay. Hingham, Nelson G. Howard. Holyoke, J. J. O'Connell. Hudson, C. S. Lyman. Hyde Park, George E. Johnson, Ipswich, Robert M. Martin. Lawrence, B. M. Sheridan. Lee, Preston Barr. Leominster, Thomas E. Thompson. Lexington, George P. Armstrong. Lowell, Arthur K. Whitcomb. Ludlow. Lynn, Frank J. Peaslee. Malden, Henry D. Hervey. Manchester, Charles E. Fish. Mansfield, Edward P. Fitts. Marblehead, John B. Gifford. Marlboro, O. A. Morton. Maynard, John C. Mackin. Medford, Charles II. Morss. Melrose, Fred H. Nickerson. Merrimac, George E. Chickering. Methuen, Charles A. Breck. Middleboro, Charles H. Bates. Milford, Charles W. Haley. Millbury, Watson C. Lea (post-office, Oxford). Milton, Asher J. Jacoby (post-office, East Milton). Monson, Frederic A. Wheeler. Montague, Frank P. Davison (post-office, Turners Falls). Natick, Albert L. Barbour. Needham, Henry M. Walradt. New Bedford, William E. Hatch. Newburyport, Edgar L. Millard. Newton, Frank E. Spaulding. North Adams, Isaac Freeman Hall. Northampton, Schuyler F. Herron. North Andover, Wallace E. Mason, North Attleboro, James W. Brehant. Northbridge, S. A. Melcher. North Brookfield, B. G. Merriam. Norwood, William C. Hobbs. Orange, Edward Dixon. Palmer, Robert J. Fuller. Peabody, Albert Robinson. Pittsfield, Charles A. Byram. Plymouth, Francis J. Heavens. Provincetown, Alvan R. Lewis. Quincy, Frank Edson Parlin. Randolph, John E. Bradley. Reading, Melville A. Stone. Revere, Wm. H. Winslow. Rockland, William L. Coggins. Rockport, William F. Eldredge. Salem, John Wright Perkins. Saugus, Charles E. Stevens. Somerville, Gordon A. Southworth. Southbridge, Fred E. Corbin.

## 370

#### MASSACHUSETTS—Continued.

South Hadley, Frederick E. Whittemore. Spencer, Charles F. Adams. Springfield, Wilbur F. Gordy. Stoneham, Charles E. Stevens. Stoughton, Edward P. Fitts. Swampscott, Robert M. Martin. Taunton, II. W. Harrub. Tewksbury, S. Howard Chace. Upton, R. O. Small. Wakefield, Alfred C. Thompson. Walpole. Waltham, William D. Parkinson. Ware, George W. Cox. Warren, Parker T. Pearson. Watertown, Frank R. Page. Webster, E, W. Robinson. Wellesley, Marshall Livingston Perrin. Westboro, H. C. Waldron. Westfield, Charles L. Simmons. West Springfield, C. E. Brockway. Weymouth, Elmer E. Sherman. Whitman, Henry M. Walradt. Williamstown, Walter G. Mitchell. Winchendon, Wilbur B. Sprague. Winchester, Robert C. Metcalf. Winthrop, Frank A. Douglas. Woburn, George I. Clapp. Worcester, Homer P. Lewis.

#### MICHIGAN.

Adrian, Charles W. Mickens. Albion, W. J. McKone. Alpena, George A. Hunt. Ann Arbor, H. M. Slauson. Battle Creek, William G. Coburn. Bay City, John A. Stewart. Benton Harbor, William R. Wright. Bessemer, Miss A. F. Olcott. Big Rapids, Arthur S. Hudson. Cadillac, G. A. McGee. Calumet, H. E. Kratz. Charlotte, M. R. Parmelee. Cheboygan, Allen F. Wood. Coldwater, Robert I. White. Detroit, Wales C. Martindale. Dowagiac, Warren E. Conkling. Escanaba, F. D. Davis. Flint, A. N. Cody. Gladstone, J. H. McDonald. Grand Haven, Edward P. Cummings. Grand Rapids, W. A. Greeson. Hancock, Eugene La Rowe. Hillsdale, S. J. Gier. Holland, W. T. Bishop. Houghton, John A. Doelle. Ionia, C. L. Bemis. Iron Mountain, L. E. Amidon. Ironwood, L. L. Wright. Ishpeming, E. E. Scribner. Jackson, L. S. Norton. Kalamazoo, S. O. Hartwell. Lansing, W. D. Sterling. Ludington, Guy D. Smith. Manistee, Samuel W. Baker.

#### MICHIGAN-Continued.

Manistique, W. E. Manson. Marine City, H. A. Markham. Marquette, Kendall P. Brooks. Marshall, Ralph S. Garwood. Menominee, R. H. Kirtland. Monroe, F. J. S. Tooze. Mount Clemens, John P. Everett. Mount Pleasant, A. F. Wood. Muskegon, Joseph M. Frost. Negauzee, Orr Schurtz. Niles, J. D. Schiller. Norway, Charles E. Cullen. Owosso, J. W. Simmons. Petoskey, H. M. Eliot. Pontiac, James H. Harris. Port Huron, W. F. Lewis. Saginaw: East Side, E. C. Warriner. West Side, Phil. Huber. St. Joseph, Ernest P. Clarke. Sault Ste. Marie, E. E. Ferguson. South Haven, A. D. Prentice. Three Rivers, Edward M. McElroy. Traverse City, I. B. Gilbert. Wyandotte, F. II. Sooy. Ypsilanti, Wm. B. Arbaugh.

## MINNESOTA.

Albert Lea, E. M. Phillips. Anoka, T. J. Sperry. Austin, George A. Franklin. Brainerd, T. B. Hartley. Cloquet, W. C. Cobb. Crooksten, E. E. McIntire. Duluth. Robert E. Denfield. Ely, C. L. Newberry. Eveleth, Burton O. Greening. Faribault, Virgil L. Jones. Fergus Falls, F. E. Lurton. Hastings, Edgar L. Porter. Little Falls, II. E. White. Mankato, James M. McConnell. Minneapolis, Charles M. Jordan. Moorhead, New Ulm, E. T. Critchett. Owatonna, P. J. Kuntz. Red Wing, W. F. Kunze. Rochester, Lester S. Overholt. St. Cloud, A. N. Farmer. St. Paul, S. L. Heeter. St. Peter, V. R. Wasson. Stillwater, Darius Steward. Virginia, Lafayette Bliss. Willmar, P. C. Towning. Winona, Charles R. Frazier.

## MISSISSIPPI.

Biloxi, J. H. Owings. Canton, Columbus, S. M. Nash. Corinth, W. P. Dobbins. Greenville, E. E. Bass. Gulfport, MISSISSIPPI-Continued.

Hattiesburg, F. B. Woodley. Jackson, Edward L. Balley. Laurel, W. L. Abbott. McComb, Henry P. Hughes. Meridian, J. C. Fant. Natchez, J. Reese Lin. Vicksburg, J. P. Carr. Water Valley, W. W. Phelan. Yazoo City, M. Rose.

## MISSOURI.

Aurora, M. F. Butler. Boonville, M. A. O'Rear. Brookfield, J. U. White. Cape Girardeau, Fred. L. MacChesney. Carterville, O. N. Waltz. Carthage, J. M. White. Chillicothe, Frank L. Wiley. Clinton, Arthur Lee. Columbia, W. H. Hays. Desoto, W. C. Ogier. Fulton, J. C. Humphreys. Hannibal, R. B. D. Simonson. Independence, W. J. Johnson. Jefferson City, J. N. Tankersley. Joplin, L. J. Hall. Kansas City, James M. Greenwood. Kirksville, Harry II. Laughlin. Lexington, W. J. Patterson. Louisiana, Miss Elizabeth Whitaker. Macon, William A. Annin. Marshall, E. J. Scott. Maryville, C. A. Hawkins. Mexico, L. B. Hawthorne. Moberly, J. C. Lilly. Nevada, J. W. Storms. Poplar Bluff, William N. Pace. Richhill, L. F. Robinson. St. Charles, Joseph Herring. St. Joseph, J. A. Whiteford. St. Louis, F. Louis Soldan. Sedalia, G. V. Buchanan. Springfield, Jonathan Fairbanks. Trenton, C. A. Green. Warrensburg, W. E. Morrow. Webb City, R. S. Nichols.

#### MONTANA.

Anaconda, William K. Dwyer. Bozeman, Risdon J. Cunningham. Butte, R. G. Young. Great Falls, S. D. Largent. Helena, Randall J. Condon. Missoula, J. Ulysses Williams.

#### NEBRASKA.

Beatrice, C. A. Fulmer. Fremont, W. H. Gardner. Grand Island, Robert J. Barr. Hastings, J. D. French. Kearney, George Burgert. Lincoln, W. L. Stephens.

#### NEBRASKA-Continued.

Nebraska City, N. Sinclair. Norfolk, E. J. Bodwell. North Platte, Paul Goss. Omaha, W. M. Davidson. Plattsmouth, E. L. Rouse. South Omaha, J. Arnott McLean. York, Charles O. Stewart.

## NEVADA.

Reno, E. E. Winfrey.

## NEW HAMPSHIRE.

Berlin, G. H. Whitcher. Claremont, W. H. Cummings .-Concord (Union district), Louis J.-Rundlett; (Penacook district No. 20), H. C. Sanborn. Dover, A. H. Keyes. Exeter, John A. Brown (chairman school board). Franklin, H. C. Sanborn. Keene (Union district), George A. Keith. Laconia, J. H. Blaisdell. Littleton, M. C. Smart. Manchester, Charles W. Bickford, Nashua, James H. Fassett. Portsmouth, Ernest L. Silver. Rochester, William H. Slayton. Somersworth, C. C. Ferguson.

#### NEW JERSEY.

Asbury Park, Fred S. Shepherd. Atlantic City, Charles B. Boyer. Bayonne, James H. Christie. Bloomfield, George Morris. Boonton, M. P. Reagle (principal). Bordentown, William Macfarland. Bridgeton, E. J. Hitchner. Burlington, Wilbur Watts. Camden, James E. Bryan, Dover, J. Howard Hulsart (supervising principal). East Orange, Vernon L. Davey. Elizabeth, William J. Shearer. Englewood, Elmer C. Sherman. Garfield, Thomas Colby. Gloucester, William C. Sullivan. Hackensack, Isaac A. Demarest. Harrison, James F. Prendergast. Hoboken, A. J. Demarest. Irvington, F. H. Morrell. Jersey City, Henry Snyde". Kearney, Don C. Bliss (post-office, Arlington). Lambertville, Alex. P. Kerr (supervising principal). Long Branch, Christopher Gregory. Madison, A. F. Stauffer. Millville, H. F. Stauffer. Montclair, Randall Spaulding. Morristown, W. L. R. Haven. Newark, Addison B. Poland.

#### NEW JERSEY-Continued.

## NEW YORK-Continued.

New Brunswick, William Clinton Armstrong. Newton, Charles J. Majory (supervising principal). North Plainfield, Henry C. Krebs (supervising principal). Orange, James J. Riggs. Passaic, O. I. Woodley. Paterson, John R. Wilson. Perth Amboy, S. E. Shull. Phillipsburg, H. Budd Howell. Plainfield, Henry M. Maxson. Princeton, J. M. Arnold. Rahway, William J. Bickett. Redbank, S. V. Arrowsmith. Ridgewood, W. T. Whitney. Rutherford, Stephen B. Gilhuly. Salem. Somerville, William A. Ackerman. South Amboy, R. M. Fitch (supervising principal). South Orange, H. W. Foster. Summit, Miss Louise Connolly (supervising principal). Town of Union, Otto Ortel (post-office, Weehawken). Trenton, Ebenezer Mackey. Vineland, J. J. Unger. Westfield, J. J. Savitz. West Hoboken, Robert Waters. West New York, Wm. M. Van Sickle. West Orange, A. H. Sherman. Woodbury, William A. Storrie. NEW MEXICO. Albuquerque, J. E. Clark. Las Vegas, Raton, A. D. Hoenshel. Santa Fe, J. A. Wood. NEW YORK. Albany, Charles W. Cole, Albion, Willis G. Carmer. Amsterdam, Harrison T. Morrow. Auburn, Alfred C. Thompson. Ballston Spa, A. A. Lavery (supervising principal). Batavia, John Kennedy. Bath, J. Schuyler Fox.

Binghamton, J. Edward Banta.

Buffalo, Henry P. Emerson.

Canandaigua, J. Carlton Norris.

Catskill, J. T. P. Calkins.

Cohoes, Edward Hayward.

Corning:

District No. 9, Leigh R. Hunt. District No. 13, A. M. Blodgett (principal).

Cortland, Ferdinand E. Smith.

Dansville, E. J. Bonner.

Dunkirk, George M. Wiley.

Elmira, W. J. Deans.

Fishkill on Hudson, W. J. Millar (supervising principal). Fredonia, Mary F. Lord (principal). Fulton, J. R. Fairgrieve. Geneva, William II. Truesdale. Glens Falls, E. W. Griffith. Gloversville, James A. Estee. Gouverneur, J. B. Lardlaw. Granville, Raymond E. Brown. Green Island, James Heatly. Haverstraw, L. O. Markham. Hempstead, H. H. Chapman. Herikmer, C. L. Mosher. Hoosick Falls, H. H. Snell. Hornellsville, Elmer S. Redman, Hudson, Charles S. Williams. Ilion, Frank D. Warren. Ithaca, F. D. Boynton. Jamestown, Rovillus R. Rogers. Johnstown, Frank W. Jennings. Kingston, S. R. Shear. Lancaster, W. J. Barr (principal). Lausingburg, George F. Sawyer. Lestershire, Frank M. Smith. Little Falls, A. J. Merrell. Lockport, Emmet Belknap. Lyons, W. H. Kinney. Malone, Miss Sarah L. Perry. Mamaroneck, George J. McAndrew (supervising principal). Matteawan, Earlman Fenner (principal). Mechanicsville, L. B. Blakeman. Medina, James C. Van Etten. Middletown, James F. Tuthill. Mount Vernon, Charles E. Nichols. Newark, Charles A. Hamilton (principal). Newburg, James M. Crane. New Rochelle, Isaac E. Young. New York, William H. Maxwell. Niagara Falls, R. A. Taylor. North Tarrytown, L. W. Craig (principal). North Tonawanda, R. A. Searing. Norwich, Stanford J. Gibson. Nyack, Ira H. Lawton. Ogdensburg, H. H. Southwick. Olean, Delmer E. Bacheller. Oneida, Avery Warner Skinner. Oneonta, William C. Franklin. Ossining, W. H. Ryan. Oswego, George E. Bullis. Owego, Francis C. Byrn. Peekskill: District No. 7 (Drumhill), Wilbur L. Ellis. District No. 8 (Oakside), A. D. Dunbar. Penn Yan, N. Winton Palmer. Plattsburg, Frank K. Watson. Port Chester, E. G. Lantman. Port Jervis, John M. Dolph. Potsdam, Lewis E. Roberts (principal). Poughkeepsie, Wm. Alexander Smith. Rensselaer, A. R. Coulson.

Rochester, Clarence F. Carroll.

Rome, Lewis N. Crane.

Rye, Forrest T. Shults.

## NEW YORK-Continued.

Salamanca, Thomas Stone Bell. Sandy Hill, Frances A. Tefft (principal). Saratoga Springs, Thomas R. Kneil. Schenectady, J. T. Freeman. Seneca Falls, E. K. Van Allen. Solvay, C. O. Richards. Syracuse, A. B. Blodgett. Tarrytown, L. V. Case (principal). Tonawanda, Frank K. Sutley. Troy, G. F. Sawyer. Utica, Martin G. Benedict. Waterloo, H. B. Smith. Watertown, Frank S. Tisdale. Watervliet, Russell H. Bellows. Waverly, E. B. Robbins. Wellsville, Whitehall, Wilber W. Howe. White Plains, Guy Halsey Baskerville. Yonkers, Charles E. Gorton.

#### NORTH CAROLINA.

Asheville, R. J. Tighe. Burlington, Frank H. Curtis. Charlotte, Alexander Graham. Concord, Walter Thompson. Durham, J. A. Matheson. Elizabeth City, W. M. Hinton. Fayetteville, B. T. McBryde. Gastonia, Joe S. Wray. Goldsboro, Eugene C. Brooks. Greensboro, W. H. Swift. Henderson, J. T. Alderman. High Point, George H. Crowell. Kinston, L. C. Brogden. Newbern, H. B. Craven. Raleigh, Edward P. Moses. Salisbury, I. C. Griffin. Washington, Harry Howell. Wilmington, John J. Blair Wilson, Gray R. King. Winston-Salem, W. S. Snipes.

## NORTH DAKOTA,

Bismarck, William Moore. Fargo, W. E. Hoover. Grand Forks, Jamestown, C. C. Schmidt. Minot, S. Henry Wolfe. Valley City, G. W. Hanna.

#### OHIO.

Akron, Henry V. Hotchkiss.
Alliance, John E. Morris.
Ashland, E. P. Dean.
Ashtabula, R. P. Clark.
Barberton, James M. Carr.
Barnesville, Lewis Edwin York.
Bellaire, J. R. Anderson.
Bellefontaine, John W. Mackinnon,
Bellevue, E. F. Warner.
Bowling Green, N. D. O. Wilson.
Bridgeport, S. A. Gillett.
Bucyrus, J. J. Bliss.

#### OHIO-Continued.

Cambridge, H. Z. Hobson. Canal Dover, Franklin P. Geiger. Canton, John K. Baxter. Chillicothe, M. E. Hard. Cincinnati, F. B. Dyer. Circleville, C. L. Boyer Cleveland, W. H. Elson. Collinwood, Frank P. Whitney. Columbus, Jacob A. Shawan. Conneaut, C. T. Northrop. Coshocton, H. S. Piatt. Dayton, John W. Carr. Defiance, F. E. Reynolds. Delaware, W. McK. Vance. Delphos, T. W. Shimp. Dennison, W. N. Angel. East Liverpool, Robert E. Rayman. Elyria, W. R. Comings. Findlay, J. W. Zellar. Fostoria, S. H. Layton. Fremont, J. E. Collins. Galion, I. C. Guinther. Gallipolis, H. E. Conard. Glenville, H. H. Cully. Greenfield, E. W. Patterson. Greenville, W. S. Rowe. Hamilton, Darrell Joyce. Hillsboro, F. H. Warren. Ironton, S. P. Humphrey. Jackson, J. E. Kinnison. Kent, A. B. Stutzman. Kenton, N. E. Hutchinson. Lancaster, H. A. Cassidy. Lima, John Davison. Lorain, A. C. Eldredge. Mansfield, C. L. Van Cleve. Marietta, J. V. McMillan. Marion, H. L. Frank. Martins Ferry, F. W. Wenner. Massillon, C. L. Cronebaugh. Miamisburg, W. T. Trump. Middletown, Arthur Powell. Mount Vernon, J. G. Leland. Napoleon, Nelsonville, Aaron Grady. Newark, J. D. Simkins. Newburg, B. F. Stevenson. New Philadelphia, G. C. Maurer. Niles, Frank J. Roller. North Baltimore, B. O. Martin. Norwalk, A. D. Beechy. Norwood, W. S. Cadman. Oberlin, Ward H. Nye. Painesville, F. H. Kendall. Piqua, C. W. Bennett. Pomeroy, C. T. Coates. Portsmouth, J. I. Hudson. Ravenna, E. O. Trescott. St. Bernard, U. L. Monce. St. Marys, E. A. Hotchkiss. Salem, Jesse L. Johnson. Sandusky, H. B. Williams. Shelby, S. H. Maharry. Sidney, H. R. McVay. Springfield, Carey Boggess.

## OHIO—Continued.

Steubenville, Edward M. Van Cleve. Tiffin, Charles A. Krout. Toledo, Henry J. Eberth. Toronto, S. K. Mardis. Troy, Mark Wilcox. Uhrichsville, L. E. Everett. Urbana, I. N. Keyser. Vanwert, J. P. Sharkey. Wapakoneta, H. H. Helter. Warren, C. E. Carey. Washington C. H., James T: Tuttle. Wellston, E. S. McCall. Wellsville, James L. MacDonald. Wilmington, Wooster, Charles Haupert. Xenia, Edwin B. Cox. Youngstown, N. H. Chaney. Zanesville, W. D. Lash.

#### OKLAHOMA.

Elreno, F. N. Howell. Enid, T. W. B. Everhart. Guthrie, Frank E. Buck. Oklahoma, Ed. S. Vaught. Perry, William Z. Smith. Ponca, Richard E. Tope.

#### OREGON.

Astoria, A. L. Clark. Baker City, J. A. Churchill. Fugene, Mott H. Arnold. Pendleton, L. R. Traver. Portland, Frank Rigler. Salem, J. M. Powers. The Dalles, J. S. Landers.

## PENNSYLVANIA.

Allegheny, John Morrow. Allentown, Francis D. Raub. Altoona, H. J. Wightman. Archbald, W. A. Kelly. Ashland, William C. Estler. Ashley, E. D. Bovard. Athens, George E. Rogers. Bangor, John W. Gruver (principal). Beaverfalls, Edward Maguire. Bellefonte, John D. Meyer (supervising principal). Bellevue, C. C. Williamson. Berwick, J. W. Snyder (supervising principal). Bethlehem, Fred W. Robbins. Blakely, H. B. Anthony (supervising principal; post-office, Peckville). Bloomsburg, L. P. Sterner (supervising principal). Braddock, Grant Norris. Bradford, E. E. Miller. Bristol, Louise D. Baggs. Butler, John A. Gibson. Carbondale, Elmer E. Garr. Carlisle, John C. Wagner. Carnegie, W. S. Bryan (principal). Catasauqua, H. J. Reinhard (principal).

## PENNSYLVANIA-Continued.

Chambersburg, Samuel Gelwix. Charleroi, W. D. Wright. Chester, A. Duncan Yocum. Ciearfield, H. E. Trout. Coatesville, W. T. Gordon. Columbia, Daniel Fleisher. Connellsville, J. P. Wiley (principal). Conshohocken, E. B. Ziegler. Corry, Virgil G. Curtis. Danville, U. L. Gordy. Darby, Charles P. Sweeny. Dickson City, John E. Williams. Donora, J. D. Boydston. Dubois, J. H. Alleman. Dunmore, C. F. Hoban. Duquesne, II. E. Winner (principal). Duryea, F. J. Regan. Easton, William W. Cottingham. Edwardsdale, J. O. Hermann. Erie, H. C. Missimer, Etna, J. Q. A. Irvine (principal). Forest City, C. T. Thorpe (principal). Franklin, Charles E. Lord. Freeland, E. F. Hanlon. Gilberton, Michael J. Shore (principal). Greensburg, Thomas S. March. Greenville, James J. Palmer. Hanover, J. C. Carey. Harrisburg, F. E. Downes. Hazleton, David A. Harman. Homestead, James M. Norris. Huntingdon, E. R. Barelay. Indiana, James F. Chapman (principal). Jeannette, Theo. B. Shank. Jersey Shore, H. II. Weber. Johnsonburg, G. B. Gerberich (supervising principal). Johnstown, James N. Muir. Kane, T. E. Lytle. Kingston, George Evans (principal). Kittanning, C. E. Hankey. Knoxville, Milo H. Miller (principal). Lancaster, R. K. Buehrle. Lansford, Elmer E. Kuntz. Latrobe, Arthur C. Klack. Lebanon, R. T. Adams. Lehighton, F. A. Ebert. Lewistown, W. F. Kennedy (supervising principal). Lockhaven, John A. Robb. Luzerne, Theron G. Osborne. McKeesport, J. Burdette Richey. McKees Rocks, F. H. Powers (principal). Mahanoy City, William N. Ehrhart. Mauchchunk, E. W. Romberger (supervising principal). Meadville, Ulysses G. Smith. Middletown, II. J. Wickey. Millvale, J. C. R. Johnston (principal). Milton, W. A. Wilson. Minersville, II. H. Spayd (supervising principal). Monessen, Robert W. Himelick. Monongahela City, C. II. Wolford (principal).

### PENNSYLVANIA-Continued.

Mount Carmel, Samuel Halsey Dean. Mount Pleasant, S. Grant Miller (principal). Nanticoke, John William Griffith. New Brighton, Clyde C. Green. Newcastle, T. A. Kimes. New Kensington, A. D. Horton (principal). Norristown, A. S. Martin. Oil City, C. A. Babcock. Olyphant, M. W. Cummings. Philadelphia, Martin G. Brumbaugh. Phoenixville, Robert E. Laramy. Pittsburg, Samuel Andrews. Pittston, Robert Shiel (supervising principal). Plymouth, E. H. Scott. Pottstown, Wm. W. Rupert. Pottsville, S. A. Thurston. Punxsutawney, G. F. W. Mark. Rankin, M. E. Thompson. Reading, Charles S. Foos. Renovo, Oden C. Gortner (supervising principal). Ridgeway, W. W. Peirce. Rochester, O. C. Lester. St. Clair; Thomas G. Jones. St. Marys, J. J. Lynch (supervising principal). Sayre, I. F. Stetler (supervising principal). Scottdale, Edgar Reed (supervising principal). Scranton, Geo. W. Phillips. Sewickley, F. E. Fickinger. Shamokin, Jos. Howerth. Sharon, S. H. Hadley. Sharpsburg, C. C. Kelso (supervising principal). Shenandoah, J. W. Cooper. Sheridan. Slatington, J. W. Snyder. South Bethlehem, Owen R. Wilt. South Sharon, C. G. Canon. Steelton, L. E. McGinnes. Sunbury, Ira Shipman. Tamaqua, Robert F. Ditchburn. Tarentum, A. D. Endsley (principal). Taylor, M. J. Lloyd. Titusville, Henry Pease. Towanda, S. A. Thurston. Turtle Creek, David R. Sumstine. Tyrone, I. C. M. Ellenberger. Uniontown, H. F. Brooks. Warren, W. L. McGowan. Washington, William Krichbaum. Waynesboro, J. Hassler Reber. Westchester, Addison L. Jones. West Pittston, L. P. Bierly (principal). Wilkesbarre, James M. Coughlin. Wilkinsburg, James L. Allison. Williamsport, Charles Lose. Wilmerding, W. G. Gans (principal). Windber, D. M. Hetrick-Winton, John J. Judge. York, Atreus Wanner.

### RHODE ISLAND.

Bristol, John Post Reynolds. Burrillville, Leroy G. Staples (post-office, Pascoag). Central Falls, Wendell A. Mowry. Coventry, John Matteson (post-office, Anthony). Cranston, Valentine Almy (post-office. Auburn). Cumberland, C. C. Richardson. East Providence, Herbert B. Horton. Johnston, William H. Starr (post-office, Thornton). Lincoln, Emerson L. Adams. Newport, Herbert Warren Lull. North Kingstown, F. D. Blake (post-office, Wickford). North Providence, Pawtucket, Frank O. Draper. Providence, Walter H. Small. South Kingstown, B. E. Helme (post-office, Kingston). Warren, G. L. Church. Warwick, Elwood T. Wyman. Westerly, W. H. Holmes, jr. Woonsocket, Frank E. McFee.

#### SOUTH CAROLINA.

Abbeville, Leonard W. Dick. Aiken, W. L. Brooker. Anderson, Thomas C. Walton. Beaufort, Lueco Gunter. Charleston, Henry P. Archer. Chester, W. H. McNairy. Columbia, E. S. Dreher. Florence, J. L. Mann. Gaffney, W. C. McArthur. Georgetown, O. L. Shewmake. Greenville, E. L. Hughes. Greenwood, Edward C. Coker. Laurens, Nathaniel M. Salley. Newberry, W. A. Stuckey. Orangeburg, A. J. Thackston. Rock Hill, J. C. Cork. Spartanburg, Frank Evans. Sumter, S. H. Edmunds. Union, Davis Jeffries.

## SOUTH DAKOTA.

Aberdeen, W. L. Cochrane. Iveadwood, Alexander Strachan. Lead, Anson H. Bigelow. Mitchell, F. H. Hoff. Sioux Falls, H. A.<sup>\*</sup>Ustrud. Watertown, A. H. Barnard. Yankton, R. C. Shellenbarger.

#### TENNESSEE.

Bristol, Richard Henry Watkins. Chattanooga, Sidney G. Gilbreath. Clarksville, P. L. Harned. Cleveland, D. C. Arnold.

#### TENNESSEE—Continued.

Columbia, W. E. Bostick (principal) and J. H. Kelly (principal). Dyersburg, Ralph E. Rice. Harriman, J. V. Rymer. Jackson, G. R. McGee. Johnson City, J. R. Lowry. Knoxville, Albert Rath. Memphis, George W. Gordon. Murfreesboro, J. W. W. Daniels,

#### TEXAS.

Nashville, H. C. Weber.

Austin, A. N. McCallum. Beaumont, H. F. Triplett. Belton, James B. Hubbard. Bonham, I. W. Evans. Brenham, Edward W. Tarrant. Brownsville, Thomas P. Barbour (principal). Brownwood, George II. Carpenter. Bryan, Cleburne, V. M. Fulton. Corpus Christi, Charles W. Crossley. Corsicana, J. W. Cantwell. Dallas, J. L. Long. Denison, F. B. Hughes. Denton, J. S. Carlisle. El Paso, G. P. Putnam. Ennis, W. E. Edelen. Fort Worth, W. D. Williams. Gainesville, E. F. Comegys. Galveston, John W. Hopkins. Gonzales, Thomas H. Lewis. Greenville, George A. Newton, Hillsboro, W. D. Butler. Houston, P. W. Horn. Laredo, L. J. Christen. McKinney, J. H. Hill. Marshall, W. H. Attebery. Navasota, W. B. Bizzell. Oak Cliff, Orange, S. B. Foster. Palestine, Walker King. Paris, J. G. Wooten. San Antonio, L. E. Wolfe. Sherman, A. L. Peterman. Taylor, W. M. Williams. Temple, James E. Binkley. Terrell, S. M. N. Marrs. Texarkana, E. E. Bramlette. Tyler, J. L. Henderson. Victoria, Arthur Lefevre. Waco, J. C. Lattimore. Waxahatchie, Walter Acker. Weatherford, T. W. Stanley.

#### UTAH.

Logan, Ariel F. Cardon. Ogden, Willlam Allison. Park City, M. W. Laning. Provo, William S. Rawlings. Salt Lake City, D. H. Christensen.

#### VERMONT.

Barre, O. D. Mathewson.

Bellows Falls, B. E. Merriam.

Bennington, Albert W. Varney.

Brattleboro, Miss Marguerite Tucker (supervisor).

Burlington, Henry O. Wheeler.

Montpelier, F. J. Brownscombe.

Rutland, David B. Locke.

St. Albans, F. J. Sagendorph.

St. Johnsbury, Clarence H. Dempsey.

#### VIRGINIA.

Alexandria, Kosciusko Kemper. Bristol, S. R. McChesney. Charlottesville, James W. Lane. Danville, William Holmes Davis. Fredericksburg, Benjamin P. Willis. Harrisonburg. Lynchburg, E. C. Glass. Manchester, David L. Pulliam. Newport News, W. C. Morton. Norfolk, Richard A. Dobie. Petersburg, D. M. Brown. Portsmouth, Joseph H. Saunders. Radford, L. W. Irwin. Richmond, William F. Fox. Roanoke, Bushrod Rust. Staunton, Francis H. Smith, jr. Suffolk, Lee Britt (county superintendent). Winchester, Maurice M. Lynch.

#### WASHINGTON.

Aberdeen, H. M. Cook. Ballard, J. C. Dickson. Bellingham, W. J. Hughes. Everett, D. A. Thornburg. North Yakima, David Craig Reed, Olympia, W. W. Montgomery. Seattle, Frank B. Cooper. Spokane, J. A. Tormey. Tacoma, A. H. Yoder. Yancouver, C. W. Shumway. Walla Walla, O. S. Jones.

#### WEST VIRGINIA.

Benwood, George E. Hubbs. Bluefield, C. A. Fulwider. Charleston, George S. Laidley. Clarksburg, F. L. Burdette. Fairmont, Joseph Rosier. Grafton, W. R. Gorby. Hinton, I. B. Bush. Huntington, W. M. Foulk. Martinsburg, George W. Brindle. Moundsville, W. M. Henderson. Parkersburg, J. W. Swartz. Wheeling, H. B. Work.

#### WISCONSIN.

Antigo, W. N. Hickok. Appleton, Carrie E. Morgan. Ashland, J. T. Hooper.

#### WISCONSIN-Continued.

Baraboo, G. W. Gehrand. Beaverdam, Homer B. Hubbell. Beloit, Franklin E. Converse. Berlin, E. T. O'Brien. Chippewa Falls, E. D. Martin, Depere : East Side, J. W. Steenis. West Side, J. V. Brennan. Eau Claire, W. H. Schulz. Fond du Lac, William Wilson. Grand Rapids, H. S. Yonker. Greenbay, A. W. Burton. Janesville, H. C. Buell. Kaukauna, L. E. Sargent. Kenosha, P. J. Zimmers. La Crosse, John P. Bird. Madison, R. B. Dudgeon. Manitowoc, Walter E. Larson (county superintendent). Marinette, G. H. Landgraf. Marshfield, Durant C. Giles, Menasha, John Callahan. Menomonie, L. D. Harvey. Merrill, G. J. Roberts. Milwaukee, C. G. Pearse. Monroe, G. W. Swartz.

#### WISCONSIN-Continued.

Neenah, E. M. Beeman. Oconto, G. F. Loomis. Oshkosh, M. N. McIver. Platteville, O. E. Gray. Portage, W. G. Clough (principal). Port Washington, Racine, Burton E. Nelson. Rhinelander, F. A. Lowell. Sheboygan, H. F. Leverenz. South Milwaukee, Paul Bergen. Stevens Point, John N. Davis. Stoughton, A. W. Weber. Sturgeon Bay, Charles G. Stangel. Superior, W. E. Maddock. Two Rivers, Washburn, S. A. Oscar. Watertown, W. P. Roseman. Waukesha, A. W. Chamberlin. Wausau, S. B. Tobey.

#### WYOMING.

Cheyenne, S. S. Stockwell, Laramie, Frank W. Lee. Rock Springs, S. M. Abbott, Sheridan, C. R. Atkinson.

#### III.—College Presidents.

1.—Colleges for men and coeducational colleges of liberal arts.

Name of president.	University or college.	Address.
A, P. Montague, LL. D	Howard College	Birmingham, Ala.
Rev. S. M. Hosmer, D. D	Southern University	
Rev. Bernard Menges, O. S. B_		
Rev. William Tyrrell, S. J	Spring Hill College	Springhill, Ala.
John W. Abercrombie, LL. D	University of Alabama	University, Ala.
Kendric C. Babcock, Ph. D	University of Arizona	
John M. Williams, A. B., dean.	Henderson College	
John W. Conger, LL. D	Ouachita College	Do.
Eugene R. Long, Ph. D	Arkansas College	
J. Thompson Baker, Ph. M	Arkansas Cumberland College	Clarksville, Ark.
Rev. S. Anderson, A. B	Hendrix College	
John N. Tillman, LL. B	University of Arkansas	Fayetteville, Ark.
Rev. J. M. Cox, D. D	Philander Smith College	Little Rock, Ark.
B. I. Wheeler, LL. D	University of California	Berkeley, Cal.
Rev. George A. Gates, LL. D	Pomona College	Claremont, Cal.
John Willis Baer, LL. D	Occidental College	
Rev. J. S. Glass, C. M., D. D	St. Vincent's College	
Rev. George F. Bovard, D. D	University of Southern California	
Rev. T. G. Brownson, D. D	California College	
Rev. Bro. Vellesian, F. S. C	St. Mary's College	
Walter A. Edwards, LL. D	Throop Polytechnic Institute	
Rev. John P. Frieden, S. J		
M. S. Cross, D. D., acting		San Jose, Cal.
Rev. Robert E. Kenna, S. J		Santa Clara, Cal.
D. S. Jordan, LL. D	Leland Stanford Junior Univer- sity.	Stanford University, Cal.
James H. Baker, LL. D	University of Colorado	Boulder, Colo.
Rev. W. F. Slocum, LL. D	Colorado College	Colorado Springs, Colo.
Rev. A. J. Schuler, S. J	College of the Sacred Heart	Denver, Colo.
Rev. Henry A. Buchtel, LL. D., chancellor	University of Denver	University Park, Colo.
Rev. Flavel S. Luther, LL, D	Trinity College	Hartford Conn
Rev. B. P. Raymond, LL. D	Weslevan University	Middletown, Conn.
Arthur T. Hadley, LL, D	Wesleyan University Yale University State College for Colored Stu-	New Haven, Conn.
Rev. W. C. Jason, A. M	State College for Colored Stu-	Dover, Del.
	dents.	
Geo. A. Harter, Ph. D	Delaware College	Newark, Del.

a r range

しけ いか いちゃ 村 村田

1.—Colleges for men and coeducational colleges of liberal arts—Continued.

Name of president.	University or college.	Address.
Rev. Dennis J. O'Connell, S. T. D., rector. E. M. Gallaudet, LL. D Rev. David H. Buel, S. J Charles W. Needham, LL. D Rev. Edward X. Fink, S. J Rev. W. P. Thirkield, D. D Rev. Brother Germanus, F. S.	Gallaudet College Georgetown University George Washington University Gonzaga College Howard University St. John's College	Do. Do. Do. Do. Do. Do.
Licoln Hulley, Ph. D Andrew Sledd, LL. D Rev. Charles H. Mohr, Ph. D Rev. Wm, F. Blackman, Ph. D David C. Barrow, C. and M. E., chancellor. Rev. George Sale, A. M Rev. Horace Rumstead, D. D Rev. J. S. Flipper, D. D W. Claude Williams, A. B G, R. Glenn, LL. D	John B. Stetson University University of the State of Florida St. Leo College Rollins College University of Georgia Atlanta Baptist College Atlanta University Morris Brown College Bowdon College North Georgia Agricultural Col-	Deland, Fla. Gainesville, Fla. St. Leo, Fla. Winterpark, Fla. Athens, Ga.
Rev. S. Y. Jameson, D. D. Rev. J. E. Dickey, D. D. W. H. Crogman, Litt. D. William F. Quillian, jr., A. B. Rev. Joseph A. Sharp, A. B. James A. MacLean, LL. D. Rev. Harry B. Gough, A. B. Rev. Francis G. Barnes, D. D. Rev. M. J. Marsile, C. S. V. Thomas W. Lingle, Ph. D. Rev. Fred L. Sigmund, D. D. Rev. Fred L. Sigmund, D. S. J. Rev. John Kosinski, C. R. Harry P. Judson, LL. D., acting.	Mercer University Emory College Clark University Nannie Lou Warthen Institute Young Harris College Hedding College Hedding College St. Viateur's College Blackburn College Carthage College St. Ignatius College St. Stanislaus College St. Stanislaus College	Macon, Ga. Oxford, Ga. South Atlanta, Ga. Wrightsville, Ga. Young Harris, Ga. Moscow, Idaho. Abingdon, Ill. Bloomington, Ill. Bourbonnais, Ill. Carthage, Ill. Chicago, Ill. Do. Do
A. R. Taylor, Ph. D Rev. Daniel Irion Robert E. Hieronymus, A. M Abram W. Harris, I.L. D Rev. J. A. Leavitt, D. D Rev. Lewis B. Fisher, D. D Rev. A. L. Whitcomb, M. S C. H. Rammelkamp, Ph. D Rev. Richard D. Harlan, I.L. D_ M. H. Chamberlin, LL, D J. H. McMurray, A. M Rev. Thos H. McMichael, D. D_ Rev. H. J. Kiekhoefer, Ph. D Rev. Daniel J. Kaib, O. S. B.,	James Millikin University         Evangelical Proseminary         Eureka College         Northwestern University         Ewing College         Lombard College         Jombard College         Illinois College         Lake Forest College         Lincoln College         Lincoln College         Northwestern College         Northwestern College         St. Bede College	Decatur. III. Elmhurst, III. Eureka, III. Evanston, III. Galesburg, III. Gacesburg, III. Jacksonville, III. Jacksonville, III. Lake Forest, III. Lebanon, III. Monmouth, III. Naperville, III. Peru, III.
Gustav A Andreen Ph D	Augustana College	Quincy, Ill. Rock Island, Ill. Teutopolis, Ill.
B. D. S. Riggs, L. H. D Edmund J. James, LL. D W. R. Shuey, A. M Rev. C. A. Blanchard, D. D William L. Bryan, LL. D Rev. Augustine Seifert, C. PD S	Shurtleff College University of Illinois Westfield College Wheaton College Indiana University St. Joseph's College	Upper Alton, Ill. Urbana, Ill. Westfield, Ill. Wheaton, Ill. Bloomington, Ind. Collegeville, Ind.
<ul> <li>Rev. Hugoline Storff, O. F. M., rector.</li> <li>J. D. S. Riggs, L. H. D</li> <li>Edmund J. James, LL. D</li> <li>Rev. N. Shuey, A. M</li> <li>Rev. C. A. Blanchard, D. D</li> <li>Rev. Mugustine Seifert, C. PP. S.</li> <li>Rev. Wm. P. Kane, LL. D</li> <li>Rev. W. P. Fisher, LL. D</li> <li>Rev. C. J. Jones, D. D</li> <li>Rev. John W. Cavanaugh, C. S. C.</li> <li>Robert L. Kelly, Ph. M</li> </ul>	Wabash College Concordia College Pranklin College De Pauw University Hanover College Butler College Union Christian College Moores Hill College University of Notre Dame	Crawfordsville, Ind. Fort Wayne, Ind. Franklin, Ind. Greencastle, Ind. Hanover, Ind. Indianapolis, Ind. Meorem, Ind. Moores Ilill, Ind. Notre Dame, Ind.
Robert L. Kelly, Ph. M Robert L. Kelly, Ph. M Rev. A. Schmitt, O. S. B Rev. Winchester, D. D Rev. William C. Farmer, A. M Rev. A. Grant Evans W. Wilberforce Smith, LL, D	Earlham College St. Meinrad College Taylor University Indian University Henry Kendall College Coe College	Richmond, Ind. St. Meinrad, Ind. Upland, Ind. Bacone, Ind. T. Muskogee, Ind. T. Cedar Rapids, Iowa.

1

1.-Colleges for men and coeducational colleges of liberal arts-Continued.

Name of president.	University or college.	Address.
Rev. Frank E. Hirsch, D. D O. Kraushaar	Charles City College Wartburg College Amity College Luther College Des Moines College Deske University	Charles City, Iowa. Clinton, Iowa. College Springs, Iowa. Decorah, Iowa. Des Moines, Iowa.
O. Kraushaar	Wartburg College	Clinton, Iowa.
Rev. R. T. Campbell, D. D	Luther College	College Springs, Iowa.
Rev. Loran D. Osborn, Ph. D	Des Moines College	Des Moines, Iowa.
Hill M. Bell, LL. D	Drake University	Do.
Rev. Daniel M. Gorman	St. Joseph's College	Do, Dubuque, Iowa. Fairfield, Iowa. Fayette, Iowa. Grinnell, Iowa. Hopkinton, Iowa. Indianola, Iowa. Iowa City, Iowa. Lamoni, Iowa. Legrand, Iowa. Mount Pleasant, Iowa. Do.
Rev. W. E. Parsons, D. D Rev. Wm A Shanklin LL D	Unner Iowa University	Farrield, Iowa.
John II. T. Main, Ph. D	Iowa College	Grinnell, Iowa.
Rev. F. W. Grossman, D. D	Lenox College	Hopkinton, Iowa.
Charles E. Shelton, LL. D	Simpson College	Indianola, Iowa.
R M Stewart A R	Graceland College	Lanioni Lowa
Carlyle Summerbell, A. M	Palmer College	Legrand, Iowa.
Rev. E. S. Havighorst, D. D	German College	Mount Pleasant, Iowa.
Rev. John W. Hancher, S. T. D_	Iowa Wesleyan University	Do. Mount Vounan Lawa
A Rosenberger A R	Penn College	Do. Mount Vernon, Iowa. Oskaloosa, Iowa.
Rev. L. A. Garrison, D. D	Central University of Iowa	Pella, Iowa. Sioux City, Iowa. Storm Lake, Iowa. Tabor, Iowa. Toledo, Iowa.
Rev. W. S. Lewis, D. D	Morningside College	Sioux City, Iowa.
Rev. E. E. Reed, D. D	Buena Vista College	Storm Lake, Iowa.
Rev C I Konhart D D	Leander Clark College	Tabor, Iowa.
Rev. Millard F. Troxell, D. D.	Midland College	Atchison, Kans.
Rev. I. Wolf, O. S. B., D. D	St. Benedict's College	Do.
Rev. L. H. Murlin, D. D	Baker University	Baldwin, Kans. Emporia, Kans.
W. D. Ward, Fn. D., acting George E. Knepper	Conege of Emporta	Highland Kans
Rev. T. D. Crites	Campbell College	Holton, Kans.
Rev. D. S. Stephens, D. D., chancellor.	Luther College         Des Moines College         Drake University         St. Joseph's College         Parsons College         Upper Iowa University         Iowa College         Simpson College         Simpson College         Simpson College         State University of Iowa         Graceland College         Palmer College         Cornell College         Penn College         Penn College         Bander University of Iowa         Morningside College         Buena Vista College         Bander Clark College         Bander Clark College         St. Benedict's College         Baker University         College of Emporia         Highland College         Baker University         College of Emporia         Highland University         Campbell College         Kansas City University         Campbell College         University of Kansas	Highland, Kans. Holton, Kans. Kansas City, Kans.
Frank Strong, Ph. D	University of Kansas	Lawrence, Kans. Lincoln, Kans.
O. B. Whitaker	Kansas Christian College	Lincoln, Kans.
Frank Strong, Ph. D O. B. Whitaker Rev. Ernst F. Pihlblad, A. M _ Rev. R. A. Schwegler, A. B., acting.	University of Kansas Kansas Christian College Bethany College Ottawa University	Lindsborg, Kans. Ottawa, Kans.
Rev. James McCabe, S. J	St. Mary's College Kansas Wesleyan University Cooper Memorial College Washburn College Friends University Southwest Kansas College Union College Berea College Central University of Kentucky Georgetown College Liberty College Kentucky University State College of Kentucky Bethel College for Kentucky For the St. Mary's College Kentucky Wesleyan College Contonery College for Kentucky	St. Marys, Kans. Salina, Kans. Sterling, Kans. Topeka, Kans. Wichita, Kans.
Thomas W. Roach, A. M	Kansas Wesleyan University	Salina, Kans.
Rev. F. M. Spencer, D. D	Cooper Memorial College	Sterling, Kans.
Rev. N. J. Morrison, LL, D.	Fairmount College	Wichita, Kans.
Edmund Stanley, A. M	Friends University	Do. Winfield, Kans.
Rev. A. W. Meyer	St. John's Lutheran College	Winfield, Kans. Do.
Rev J W Easley D D	Southwest Kansas College	Barboursville, Ky.
Rev. Wm. G. Frost, Ph. D	Berea College	Berea, Ky. Danville, Ky. Georgetown, Ky.
Frederick W. Hinitt, Ph. D	Central University of Kentucky	Danville, Ky.
Rev. J. J. Taylor, LL. D	Georgetown College	Georgetown, Ky.
Rev. Geo. J. Burnett, A. M Rev. Burris A Jeukins D D	Kontucky University	Glasgow, Ky. Lexington, Ky. Lexington, Ky. Russellville, Ky.
J. K. Patterson, LL. D	State College of Kentucky	Lexington, Ky.
William H. Harrison, A. M	Bethel College	Russellville, Ky.
Rev. Michael Jaglowicz, C. R	St. Mary's College	St. Marys, Ky. Winchester, Ky.
Thomas D. Boyd, LL, D	Kentucky Weslevan College	Baton Rouge, La.
Rev. R. H. Smith, S. M	Jefferson College	Convent, La.
<ul> <li>Rev. R. A. Schwegler, A. B., acting.</li> <li>Rev. James McCabe, S. J</li> <li>Rev. James McCabe, S. J</li> <li>Rev. Norman Plass, D. D</li> <li>Rev. N. J. Morrison, I.L. D</li> <li>Edmund Stanley, A. M</li> <li>Frank E. Mossman, A. M</li> <li>Rev. A. W. Meyer</li> <li>Frank E. Mossman, A. M</li> <li>Rev. J. W. Easley, D. D</li> <li>Frederick W. Hinitt, Ph. D</li> <li>Frederick W. Hinitt, Ph. D</li> <li>Rev. Geo, J. Burnett, A. M</li> <li>Rev. Burris A. Jenkins, D. D</li> <li>Rev. John L. Weber, Litt. D</li> <li>Thomas D. Boyd, LL. D</li> <li>Rev. H. Smith, S. M</li> <li>Rev. C. C. Miller</li> <li>Rev. Henry S. Maring, S. J</li> <li>R. W. Perkins Ph. D</li> </ul>	Centenary College of Louisiana College of the Immaculate Con-	Jackson, La. New Orleans, La.
R. W. Perkins, Ph. D	ception.	Do.
Frederic H. Knight, Ph. D	New Orleans University	Do.
E. B. Craighead, LL. D	Leland University New Orleans University Tulane University of Louisiana Paydein College	Do.
Rev. Wm. D. Hyde, LL. D	Bowdoin College	Brunswick, Me. Lewiston, Me.
George E Fellows LL D	Bates College	Orono Me.
Rev. Charles L. White, D. D	Colby College	Orono, Me. Waterville, Me. Annapolis, Md. Baltimore, Md.
Thomas Fell, LL. D	St. John's College	Annapolis, Md.
Ira Remsen, LL. D	Johns Hopkins University	Baltimore, Md.
Rev. John F. Quirk, S. J Rev. John O. Spancar, Ph. D.	Loyola College	Do. Do.
James W. Cain. LL. D	Washington College	Chestertown, Md.
Rev. Brother Abraham	Rock Hill College	Ellicott City, Md.
Rev. F. X. McKenny, S. S	St. Charles College	Do. Emmitshurg Md
Rev. D. J. Flynn, LL. D Rev. James Fraser, Ph. D	Now Windsor College	New Windsor, Md.
Rev. Thomas H. Lewis, D. D_	Western Maryland College	Emmitsburg, Md. New Windsor, Md. Westminster, Md.
Rev. George Harris, LL. D	Amherst College	Amherst, Mass. Boston, Mass.
Rev. William Gannon, S. J	ception. Leland University New Orleans University of Louisiana _ Bowdoin College Bates College Colby College St. John's College Johns Hopkins University Loyola College Washington College Rock Hill College St. Charles College St. Charles College Nount St. Mary's College New Windsor College New Windsor College Western Maryland College Western Maryland College Boston College	Doston, Mass.

1.—Colleges for men and coeducational colleges of liberal arts—Continued.

Name of president.	University or college.	Address.
Por W F Huntington II D	Poston University	Poston Mass
Rev. W. E. Huntington, LL. D. Charles W. Eliot, LL. D. Rev. Samuel H. Lee, A. M. Rev. F. W. Hamilton, D. D. Rev. Henry Hopkins, LL. D. G. Stanley Hall, LL. D. Carroll D. Wright, LL. D.	Boston University Harvard University	Boston, Mass. Cambridge, Mass. Springfield, Mass.
Rev. Samuel H. Lee, A. M	American International College	Springfield, Mass.
Rev. F. W. Hamilton, D. D	Williams College Clark University Collegiate Department of Clark	Tufts College, Mass. Williamstown, Mass.
Rev. Henry Hopkins, LL. D	Williams College	Williamstown, Mass.
G. Stanley Hall, LL. D	Clark University	Worcester, Mass.
Carroll D. Wright, LL. D	Collegiate Department of Clark	Do.
Carroll D. Wright, LL. D Rev. Joseph F. Hanselman, S. J. Samuel Dickie, LL. D fave. B. W. Anthony, D. D Rev. August F. Bruske, D. D James B. Angell, LL. D Rev. Louis J. Kellinger, S. J Joseph W. Mauck, LL. D Gerrit J. Kollen, LL. D Gerrit J. Kollen, LL. D E. G. Lancaster, Ph. D Rev. P. Engel, O. S. B., Ph. D. Georg Sverdrup Cyrus Northrop, LL. D Rev. Wm. H. Sallmon, D. D Rev. John N. Kildahl Rev. E. W. Van Aken, A. M., B. D Rev. Wm. T. Lowrey, D. D Rev. Wm. W. Foster, jr., D. D Rev. Wm. W. Foster, jr., D. D Rev. Wm. W. Koster, jr., D. D Rev. Wm. M. Rucker, A. B	University. College of the Holy Cross	Do,
Boy B W Anthony D D	Adrian Colloga	Adrian Mich
Samuel Dickie, LL, D	Albion College	Adrian, Mich. Albion, Mich. Alma, Mich. Ann Arbor, Mich.
Rev. August F. Bruske, D. D	Alma College	Alma, Mich.
James B. Angell, LL. D	University of Michigan	Ann Arbor, Mich.
Rev. Louis J. Kellinger, S. J	Detroit College	Detroit, Mich. Hillsdale, Mich. Holland, Mich.
Joseph W. Mauck, LL. D	Hillsdale College	Hillsdale, Mich.
Gerrit J. Kollen, LL. D	Hope College	Holland, Mich.
E C Langaston Ph D	Kalamazoo College	Kalamazoo, Mich. Olivet, Mich.
Roy P Engel O S B Ph E	Olivet College	Collegeville Minn
Georg Sverdrup	St. John's University	Collegeville, Minn. Minneapolis, Minn.
Cyrus Northrop, LL. D	University of Minnesota	Do.
Rev. Wm. H. Sallmon, D. D	Carleton College	Northfield, Minn.
Rev. John N. Kildahl	St. Olaf College	Do.
Rev. Geo. H. Bridgman, LL. D_	Hamline University	St. Paul, Minn.
James Wallace, Ph. D	Macalester College	Do. St Poton Minn
Roy E W Van Akan A M	Adrian College         Albion College         Alma College         Alma College         Detroit College         Hillsdale College         Hope College         St. John's University         Augsburg Seminary         University of Minesota         Carleton College         St. John's University         Augsburg Seminary         Luniversity of Minesota         Carleton College         St. Olaf College         Hamline University         Macalester College         Parker College         Parker College	St. Peter, Minn. Winnebago, Minn.
B D	Parker College	winnebago, Minn.
Bey, Wm, T. Lowrey, D. D	Mississippi Collogo	Clinton, Miss.
Rev. Wm. W. Foster, jr., D. D.	Mississippi College Rust University	Holly Springs, Miss.
Rev. W. B. Murrah, LL. D	Millsaps College	Jackson, Miss.
Alfred Hume, vice-chancellor	University of Mississippi	University, Miss. Bolivar, Mo. Bowling Green, Mo.
Rev. Joseph W. Rucker, A. B	Southwest Baptist College	Bolivar, Mo.
W. M. Jones, Ph. D	Pike College	Bowling Green, Mo.
Carl Johann LL. D	Rust University         Millsaps College         Southwest Baptist College         Southwest Baptist College         Mississippi         Clarksburg College         University         Clarksburg College         University of Missouri         Central College         Westminster College         Pritchett College         Lagrange College         Missouri Uestminster College         Missouri Vestminster College         Morrisville College         Park College         Morrisville College         Morrisville College         Mark         Mark	Cameron, Mo.
Charles C. Peters, A. B	Clarksburg College	Canton, Mo. Clarksburg, Mo. Columbia, Mo.
Richard H. Jesse, LL, D	University of Missouri	Columbia, Mo.
Rev. James C. Morris, D. D	Central College	Fayette, Mo. Fulton, Mo.
Rev. D. R. Kerr, Ph. D	Westminster College	Fulton, Mo.
Hon. U. S. Hall, A. B	Pritchett College	Glasgow, Mo.
Rev. John W. Crouch, D. D	Lagrange College	Lagrange, Mo.
Rev. J. P. Greene, LL. D	William Jewell College	Liberty, Mo. Marshall, Mo.
W W Thomas	Missouri valley College	Morrisville, Mo.
L. M. McAfee, LL, D	Park College	Parkville, Mo.
Rev. Brother Justin	Christian Brothers College	St. Louis, Mo.
Rev. W. B. Rogers, S. J	St. Louis University Washington University	Do.
Rev. W. B. Murrah, LL. D Alfred Hume, vice-chancellor Rev. Joseph W. Rucker, A. B W. M. Jones, Ph. D Rev. Walter D. Agnew, A. B Charles C. Peters, A. B Richard H. Jesse, I.L. D Rev. James C. Morris, D. D Rev. James C. Morris, D. D Rev. J. R. Kerr, Ph. D Hon. U. S. Hall, A. B Rev. John W. Crouch, D. D Rev. John W. Crouch, D. D Rev. Wm. H. Black, IL. D Rev. Wm. H. Black, IL. D Rev. Wm. H. Black, IL. D Rev. Wn Homas W. W. Thomas M. M.CAfee, IL. D Rev. W. B. Rogers, S. J W. S. Chaplin, LL. D., chan- cellor.	Washington University	Do.
Rev. J. Edward Kirbye, D. D Rev. J. A. Thompson, D. D Rev. Geo, B. Addicks, D. D Oscar J. Craig, Ph. D. Rev. Guy W. Wadsworth, D. D.	Drury College	Springfield, Mo.
Rev. J. A. Thompson, D. D	Tarkio College	Tarkio, Mo.
Rev. Geo. B. Addicks, D. D	Central Wesleyan College	Warrenton, Mo.
Uscar J. Craig, Ph. D	University of Montana	Warrenton, Mo. Missoula, Mont. Bellevue, Nebr. Bethany, Nebr. College View, Nebr. Creete, Nebr.
W P Arlsworth LL P	Cotner University	Benevue, Nebr.
C C Lewis R S	Union College	College View Nehr
Rev David B Perry, D D	Doane College	Crete Nebr
Rev. Geo. Sutherland, D. D	Grand Island College	Grand Island, Nebr.
Rev. E. Van Dyke Wight, A. M.	Hastings College	Hastings, Nebr. Lincoln, Nebr.
<ul> <li>Rev. Guy W. Wadsworth, D. D</li> <li>W. P. Aylsworth, LL. D</li> <li>C. C. Lewis, B. S</li> <li>Rev. Geo, Sutherland, D. D</li> <li>Rev. Geo, Sutherland, D. D</li> <li>Rev. E. Van Dyke Wight, A. M.</li> <li>Rev. E. B. Andrews, LL. D., chancellor.</li> </ul>	Drury College Tarkio College Central Wesleyan College University of Montana Bellevue College Cotner University Union College Grand Island College Hastings College University of Nebraska	Lincoln, Nebr.
chancellor. Rev. M. P. Dowling, S. J. Rev. D. W. C. Huntington, LL. D., chancellor. Rev. Wm. E. Schell, D. D. Rev. J. E. Stubbs, LL. D. Rev. Abbot Hilary, O. S. B., D. D. Rev. J. W. Fox, S. J. Rev. G. Bien, O. S. B., director. Rev. Wm. H. S. Demarest, D. D. Woodrow Wilson, LL. D.	Creighton University Nebraska Wesleyan University	Omaha, Nebr. University Place, Nebr.
Rev. Wm. E. Schell, D. D	York College	York, Nebr.
Rev. J. E. Stubbs, LL. D	State University of Nevada	York, Nebr. Reno, Nev.
Rev. W. J. Tucker, LL. D	Dartmouth College St. Anselm's College	Hanover, N. H. Manchester, N. H.
Rev. Abbot Hilary, O. S. B.,	St. Anselm's College	Manchester, N. H.
D. D.	St Deterin Galler	Tongon Oltra M. T
Rev. J. W. Fox, S. J	St. Peter's College St. Benedict's College Rutgers College	Jersey City, N. J. Newark, N. J.
Rev. G. Blell, U. S. B., director.	Butgers College	New Brunswick, N. J.
D D	nuigers College	
Woodrow Wilson, LL, D.	Princeton University	Princeton, N. J.
Rev. John A. Stafford, S. T. L.	Princeton University Seton Hall College University of New Mexico	South Orange, N. J.
William G. Tight, Ph. D	University of New Mexico	Albuquerque, N. Mex.
ED 1905-VOL 1-28		

ed 1905—vol 1—28

## EDUCATION REPORT, 1905.

#### III.—College Presidents—Continued.

1.—Colleges for men and coeducational colleges of liberal arts—Continued.

Name of president.	University or college.	Address.
Rev. B. C. Davis, Ph. D Rev. Joseph F. Butler, O. F. M_ Rev. Thomas R. Harris, D. D	Alfred University St. Bonaventure's College St. Stephen's College	Alfred, N. Y.
Rev. Joseph F. Butler, O. F. M_	St. Bonaventure's College	Allegany, N. Y.
Rev. Thomas R. Harris, D. D.	St. Stephen's College	Alfred, N. Y. Allegany, N. Y. Annandale, N. Y. Brooklyn, N. Y.
F W Atkinson Ph D	Polytechnic Institute of Brooklyn	Do.
Brother Linus, O. S. F	St. Francis College	Do. Do.
Rev. Patrick McHale, C. M	St. John's College	Do.
Rev. Augustine A. Miller, S. J.	Canisius College	Buffalo, N. Y.
Rev. Almon Gunnison, LL. D_ Rev. M. W. Stryker, LL, D	Bt. Lawrence University	Clinton, N. Y.
Rev. L. C. Stewardson, LL. D_	Hobart College	Geneva, N. Y.
Rev. Geo. E. Merrill, LL. D	St. Stephen's College         Adelphi College         Polytechnic Institute of Brooklyn         St. Francis College         Canisius College         Canisius College         St. John's College         Hamilton College         Hamilton College         Itobart College         Colgate University         Colgate University         College of St. Francis Xavier         St. John's College         Nanhattan College         New York University         New York University	Do. Buffalo, N. Y. Canton, N. Y. Clinton, N. Y. Geneva, N. Y. Hamilton, N. Y. Ithaca, N. Y. New York, N. Y. Do.
J. G. Schurman, LL. D	Cornell University	Ithaca, N. Y.
John H. Finley, LL D	College of the City of New York	Do
Nicholas M. Butler, LL. D	Columbia University	Do.
Rev. Brother Edward, F. S. C_	Manhattan College	Do.
Rev. Jerome Daugherty, S. J	St. John's College	Do.
D. chancellor	New fork University	Do.
itev. W. F. Likiy, C. Miller	Riagara University	N Y
Rev. Rush Rhees, LL. D Rev. A. V. V. Raymond, LL. D_ Rev. J. R. Day, LL. D., chan-	University of Rochester Union College Syracuse University	Rochester, N. Y. Schenectady, N. Y. Syracuse, N. Y.
Rev. A. V. V. Raymond, LL. D.	Union College	Schenectady, N. Y.
cellor. L. Day, LL. D., chan-	Syracuse University	Syracuse, N. Y.
Rev. Leo Haid, D. D., O. S. B	St. Mary's College University of North Carolina Biddle University Davidson College Elon College Catawba College Catawba College Livingstone College Wake Forest College Wake Forest College Weaverville College Fargo College	Belmont, N. C. Chapelhill, N. C. Charlotte, N. C. Davidson, N. C. Durham, N. C. Elon College, N. C. Guilford College, N. C. Hickory, N. C. Newton, N. C. Raleigh, N. C. Salisbury, N. C. Wake Forest, N. C.
F. P. Venable, LL. D	University of North Carolina	Chapelhill, N. C.
Rev. D. J. Sanders, D. D	Biddle University	Charlotte, N. C.
Rev. John C. Kilgo, D. D.	Trinity College	Durham, N. C.
Emmett L. Moffitt, A. M	Elon College	Elon College, N. C.
L. Lyndon Hobbs, A. M	Guilford College	Guilford College, N. C.
Rev. R. L. Fritz, A. M	Catawha College	Hickory, N. C.
Chas. F. Meserve, LL. D	Shaw University	Raleigh, N. C.
Rev. William H. Goler, LL. D_	Livingstone College	Salisbury, N. C.
Wm. L. Poteat, LL. D	Wake Forest College	Wake Forest, N. C.
Rev. L. B. Abernetny P. G. Knowlton, Ph. D. chair-	Weaverville College	Wake Forest, N. C. Weaverville, N. C. Fargo, N. Dak.
man.		Faigo, R. Dak.
Rev. E. P. Robertson, D. D W. Merrifield, A. M Rev. A. B. Church, LL. D Rev. Albert B. Riker, D. D Alston Ellis, LL. D Rev. Geo. B. Rogers, Ph. D., chancellor	Wesley College University of North Dakota Buchtel College	Grand Forks, N. Dak. University, N. Dak.
W. Merrineld, A. M	University of North Dakota	Akron, Ohio.
Rev. Albert B. Riker, D. D.	Mount Union College	
Alston Ellis, LL. D	Mount Union College Ohio University Baldwin University	Alliance, Ohio. Athens, Ohio. Berea, Ohio.
Rev. Geo. B. Rogers, Ph. D.,	Baldwin University	Berea, Ohio.
chancellor. Rev. C. Riemenschneider, Ph.	German Wallace College	Do.
D		
Rev. David McKinney, D. D Rev. Albert A. Dierckes, S. J	Cedarville College St. Xavier College	Cedarville, Ohio.
Rev. Albert A. Dierckes, S. J	St. Xavier College	Cincinnati, Ohio. Do.
Rev. John I. Zahm, S. J	St. Ignatius College	Cleveland, Ohio.
Rev. C. F. Thwing, LL. D	Western Reserve University	Do.
Rev. L. H. Schuh, Ph. D	Capital University	Columbus, Ohio.
Rev. W. U. Thompson, LL. D.	St Mary's Institute	Do. Dayton, Ohio.
P. W. McReynolds. A. M.	Defiance College	Defiance, Ohio.
Rev. Herbert Welch, D. D	Ohio Wesleyan University	Delaware, Ohio.
Rev. C. I. Brown, D D	Findlay College	Findlay, Ohio. Gambier, Ohio. Cranvilla, Ohio.
Rev. Wm. F. Peirce, L. H. D	Kenyon College	Gambier, Ohio. Granville, Ohio.
C. C. Rowlison	Hiram College	Hiram, Ohio.
Charles C. Miller, Ph. D	Lima College	Hiram, Ohio. Lima, Ohio.
Rev. Alfred T. Perry, D. D	Marietta College	Marietta, Ohio.
Rev. N. B. Kelly, D. D Rev. John K. Montgomory, D.	St. Xavier College         University of Cincinnati         St. Ignatius College         Western Reserve University         Capital University         Ohio State University         Defiance College         Ohio Wesleyan University         Pindlay College         Denison University         Hiram College         Lima College         Lima College         Lima College         Lima College         Marietta College         Franklin College         Maskingum College	Marietta, Ohio. New Athens, Ohio. New Concord, Ohio.
D.	musaingum Concge	rien concord, onto.
Rev. Henry C. King, D. D	Oberlin College	Oberlin, Ohio.
Rev. Guy P. Benton, D. D	Miami University	Oxford, Ohio.
Rev. G. W. MacMillan, Ph. D	Rio Grande College	Rio Grande, Ohio
Rev I C Paugh Ph D	Scio College	Scio, Ohio.
	Wittenberg College	Springfield, Ohio,
Rev. Charles G. Heckert, D. D.		
Rev. Charles G. Heckert, D. D. Rev. Charles E. Miller, D. D.	Heidelberg University	Tiffin, Ohio.
D. Rev. Henry C. King, D. D. Rev. Guy P. Benton, D. D. Rev. G. W. MacMillan, Ph. D. Rev. J. M. Davis, Ph. D. Rev. Charles G. Heckert, D. D. Rev. Charles E. Miller, D. D. Rev. Charles E. Miller, D. D. Rev. L. Bookwalter, D. D. Rev. J. H. Straughnan Rev. Joshua H. Jones, D. D	Heidelberg University Otterbein University	Tiffin, Ohio. Westerville, Ohio. West Lafayette, Ohio.

1

11 - Da 4

.

1.—Colleges for men and coeducational colleges of liberal arts—Continued.

Name of president.	University or college.	Address.
Rev. Albert J. Brown, D. D Rev. Louis E. Holden, LL. D Stephen F. Weston, Ph. D.,	Wilmington College University of Wooster Antioch College	Yellowsprings, Ohio.
dean. D. R. Boyd, Ph. D H. M. Crooks, A. B Charles A. Mock, Ph. D Prince L. Campbell, A. B Wm. N. Ferrin, LL. D Rev. Leonard W. Riley, A. B Edwin McGrew, M. S I. E. Caldwell, A. M Rev. John H. Coleman, D. D Rev. John H. Coleman, D. D Rev. J. A. W. Haas, D. D chancellor. Rev. A. P. Funkhouser, B. S Rev. Leander Schnerr, O. S. B Rev. A. P. Funkhouser, B. S Rev. Arthur Staples, D. D Rev. Arthur Staples, D. D Rev. A. Schultze, L. H. D Rev. Aug. Schultze, L. H. D Rev. G. E. Reed, LL. D Rev. D. W. Ebbert, D. D Rev. Samuel G. Hefelbower, D. D. Rev. I. C. Ketler, Ph. D	University of Oklahoma Albany College Dallas College University of Oregon Pacific University McMinnville College Pacific College Philomath College Willamette University	Norman, Okla. Albany, Oreg. Dallas, Oreg. Eugene, Oreg. Forestgrove, Oreg. McMinnville, Oreg. Newberg, Oreg. Philomath, Oreg. Sallegheny, Pa.
Isaac Sharpless, LL. D	Haverford College	Gettysburg, Pa. Grove City, Pa. Haverford, Pa. Huntingdon, Pa.
Rev. J. S. Stahr, Ph. D John H. Harris, L. D Rev. John B. Rendall, D. D Rev. John B. Rendall, D. D Rev. James D. Woodring, D. D. Rev. Robert M. Russell, D. D. Rev. R. E. Thompson, S. T. D. Brother Wolfred. Rev. R. H. Conwell, LL. D C. C. Harrison, LL. D., pro-	Franklin and Marshall College Bucknell University Allegheny College Abright College Westminster College Central High School La Salle College Temple College University of Pennsylvania	Lancaster, Pa. Lewisburg, Pa. Lincoln University, Pa. Meadville, Pa. Myerstown, Pa. New Wilmington, Pa. Philadelphia, Pa. Do. Do. Do.
Vost. Rev. M. A. Hehir, C. S. Sp Henry S. Drinker, LL. D James A. Beaver Joseph Swain, LL. D Rev. I. A. Delurey, O. S. A C. F. Ball, A. M Rev. J. D. Moffat, LL. D Jacob F. Bucher, M. S., acting. Rev. W. H. P. Faunce, LL. D Harrison Randolph, LL. D Rev. W. G. Neville, LL. D Rev. W. G. Neville, LL. D Rev. Wm, D. Johnson, D. D Benjamin Sloan, LL. D Rev. Francis Y. Pressly, LL.	Holy Ghost College Susquehanna University Lehigh University Swarthmore College Villanova College Volant College Washington and Jefferson College Waynesburg College Brown University College of Charleston Presbyterian College of South Carolina. Allen University University of South Carolina Erskine College	State College, Pa. Swarthmore, Pa. Villanova, Pa. Volant, Pa. Washington, Pa. Wayneshurg, Pa.
<ul> <li>B. J.</li> <li>B. B. Scherer, LL. D</li></ul>	Furman University	Mitchell, S. Dak. Redfield, S. Dak. Vermilion, S. Dak. Yankton, S. Dak. Athens, Tenn. Bristol, Tenn. Clarksville, Tenn.
Brown Ayres, LL. D D. E. Mitchell, A. B W. E. Johnston Rev. Samuel T. Wilson, D. D_	Carson and Newman College Knoxville College University of Tennessee Cumberland University Bethel College Maryville College	Do. Lebanon, Tenn. McKenzie, Tenn. Maryville, Tenn.

1.—Colleges for men and coeducational colleges of liberal arts—Continued.

Name of president.	College.	Address.
Brother Icarion	Christian Brothers College	Memphis, Tenn. Milligan, Tenn.
H. R. Garrett, A. M	Milligan College	Milligan, Tenn.
Rev. James G. Merrill, D. D	Fisk University Roger Williams University	Nashville, Tenn.
Brother Icarion H. R. Garrett, A. M. Rev. James G. Merrill, D. D. Rev. Peter B. Guernsey, A. M. James II. Kirkland, LL. D., chancellor, Kumler D. D.	Roger Williams University Vanderbilt University	Do. Do.
Chancellor.	Welden University	Do.
Rev. John A. Kumler, D. D B. Lawton Wiggins, LL. D., vice-chancellor.	Walden University University of the South	Sewanee, Tenn.
W N Billingslov A M	Burritt College	Spencer, Tenn.
Rev J E Lowry A M	Hiwassee College	Sweetwater, Tenn,
O. C. Hulvey, A. M	Tennessee Military Institute	Do.
Rev. S. A. Coile, D. D	Greeneville and Tusculum College_	Tusculum, Tenn.
W. N. Billingsley, A. M Rev. J. E. Lowry, A. M O. C. Hulvey, A. M Rev. S. A. Coile, D. D Rev. James T. Cooter, D. D	Tennessee College Tennessee Military Institute Greeneville and Tusculum College_ Washington College	Washington, College, Tenn.
Rev. John T. Boland, C. S. C.	St. Edward's College	Austin, Tex.
David F. Houston, LL. D	University of Texas Howard Payne College	Do.
J. H. Grove, A. M	Howard Payne College	Brownwood, Tex.
Rev. William Fielder, D. D	Fort Worth University	Fort Worth, Tex. Do.
Key, H. A. Boaz, A. M	Polytechnic College	Galveston, Tex.
Robert S Hyer I.L. D recent	Howard Payne College         Fort Worth University         Polytechnic College         St. Mary's University         Southwestern University         Bundacen College	Georgetown, Tex.
W. I. Gibson, A. M	Burleson College	Greenville, Tex.
Rev. M. W. Dogan. Ph. D	Wiley University	Marshall, Tex.
Clinton Lockhart, Ph. D	Wiley University Texas Christian University	
Rev. Thomas S. Clyce, D. D	Texas Christian University Austin College Paul Quinn College Trinity University Brigham Young College University of Utah Westminster College Middlebury College Norwich University Randolph-Macon College Bridgewater College	Sherman, Tex.
Samuel P. Brooks, LL. D	Baylor University	Waco, Tex.
Rev. William J. Laws, D. D	Paul Quinn College	Waxahachie, Tex.
Jamos H Linford B S	Trinity University	Logan, Utah.
Joseph T Kingshury Ph. D	Brigham foung Conege	Salt Lake City, Utah.
Rev. R. M. Stevenson	Westminster College	Do.
Rev. M. H. Buckham, LL. D	University of Vermont	Burlington, Vt.
Ezra Brainerd, LL. D	Middlebury College	Middlebury, Vt. Northfield, Vt. Ashland, Va.
Charles H. Spooner, LL. D	Norwich University	Northneid, Vt.
W P Vount	Randolph-Macon College Bridgewater College University of Virginia Emory and Henry College Fredericksburg College Hampden-Sidney College Washington and Lee University Virginia Christian College	Bridgewater Ve
E A Alderman LL D	Bridgewater College	Bridgewater, Va. Charlottesville, Va.
Rev. R. G. Waterhouse, D. D	Emory and Henry College	Emory, Va.
Rev. J. W. Rosebro, D. D	Fredericksburg College	Emory, Va. Fredericksburg, Va.
Rev. J. G. McAllister, D. D	Hampden-Sidney College	Hampden-Sidney, Va.
George H. Denny, LL. D	Washington and Lee University	Lexington, Va. Lynchburg, Va. Richmond, Va.
F W Restwright LL D	Virginia Christian College	Bichmond Vo
Rev. George R. Hovey, D. D.	Richmond College Virginia Union University	Do.
Rev. John A. Morehead, D. D.	Roanoke College	Do. Salem, Va.
L. G. Tyler, LL. D	College of William and Mary	Williamsburg, Va.
Rev. John M. Foster, D. D	Vashon College University of Washington Gonzaga College University of Puget Sound Whitworth College	Burton, Wash. Seattle, Wash.
Thomas F. Kane, Ph. D	University of Washington	Seattle, Wash.
Rev. Joseph E. Williams D. D.	Gonzaga College	Spokane, Wash. Tacoma, Wash.
Edward T. Mathes. Ph. D	Whitworth College	Do.
Rev. S. B. L. Penrose, D. D	Whitman College Morris Harvey College Bethany College Davis and Elkins College Wort Vincipia University	Walla Walla Wash
D. W. Shaw, A. M	Morris Harvey College	Barboursville, W. Va.
T. E. Cramblet, LL. D	Bethany College	Barboursville, W. Va. Bethany, W. Va. Elkins, W. Va. Morgantown, W. Va.
Marshall C. Allaben, A. B	Davis and Elkins College	Elkins, W. Va.
Por S Plantz Ph D	West Virginia University	Appleton, Wis.
Rev. Edward D. Eaton, LL, D.	Baloit Collago	Beloit, Wis.
Charles R. Van Hise, LL. D	University of Wisconsin	Madison, Wis. Milton, Wis.
Rev. Wm. C. Daland, D. D	Milton College	Milton, Wis.
Rev. M. J. F. Albrecht	Concordia College	Milwaukee, Wis.
Rev. S. A. Coile, D. D	Davis and Elkins College West Virginia University Lawrence University Beloit College University of Wisconsin Milton College Concordia College Marquette College	
	Mission House	Plymouth, Wis.
Rev. Richard C. Hughes, D. D.	Ripon College Northwestern University	Ripon, Wis.
Rev. A. F. Ernst	Corroll College	Watertown, Wis. Waukesha, Wis.
Rev. A. F. Ernst Rev. W. O. Carrier, D. D Frederick M. Tisdel, Ph. D	Carroll College University of Wyoming	Laramie, Wyo.
reducted bit ribuely r ll. D ===	Christop of Hyoming	

2.—Colleges for women.

Name of president.	College.	Address.
C. J. Owens, LL. D Miss Mary N. Moore Rev. Robert G. Patrick, D. D Jas, D. Wade, A. M Rev. T. Peyton Walton	Anniston College Athens Female College Judson College Marion Female Seminary Alabama Synodical College for Women.	Anniston, Ala, Athens, Ala, Marion, Ala, Do, Talladega, Ala,
Rev. B. F. Giles, A. M R. J. Holston, A. M John Massey, LL. D	Central Female College Tuscaloosa Female College Alabama Conference Female Col-	Tuscaloosa, Ala. Do. Tuskegee, Ala.
W. W. Rivers, A. M Mrs, C. T. Mills Sister Mary Bernardine Mrs, M. A. Lipscomb Rev. Adiel J. Moncrief Rev. Thomas L. Bryan C. H. S. Jackson, LL. D A. W. Van Hoose; H. J. Pearce Rufus W. Smith, A. M M. W. Hatton, A. M Ju Pont Guerry T. J. Simmons, A. M Rev. Joseph R. Harker, Ph. D Rev. C. W. Leffingwell, D. D., Network	Central Baptist College Mills College College of Notre Dame Trinity College Lucy Cobb Institute Southern Female (Cox) College Andrew Female College Dalton Female College	Conway, Ark. Mills College, Cal. San Jose, Cal. Washington, D. C. Athens, Ga. College Park, Ga. Cuthbert, Ga. Dalton, Ga. Forsyth, Ga. Gainesville, Ga. Lagrange, Ga. Do. Macon, Ga. Rome, Ga. Lacksparville, Ul
Rev. C. W. Leffingwell, D. D., rector. Julia H. Gulliver, Ph. D Rev. F. R. Millspaugh, D. D Rev. Benj. F. Cabell, D. D John C. Acheson, A. M Th. Smith. A. M	Rockford College College of the Sisters of Bethany Botter College	Jacksonville, Ill. Knoxville, Ill. Rockford, Ill. Topeka, Kans.
	Dethal Densel Gill	Bowling Green, Ky. Danville, Ky. Harrodsburg, Ky. Hopkinsville, Ky. Lexington, Ky. Do.
Rev. Edmund Harrison, LL. D.         Mrs. L. W. St. Clair         Geo. J. Ramsey, LL. D         Rev. C. C. Fisher, A. M         J. Byron La Rue         B. E. Atkins, A. M         Rev. H. H. Brownlee         G. W. Thigpen, A. M         T. S. Sligh, A. M         Brandt V. B. Dixon, LL. D	Millersburg Female College Jessamine Female Institute Owensboro Female College Logan Female College Silliman Collegiate Institute Louisiana Female College	Millersburg, Ky. Nicholasville, Ky. Owensboro, Ky. Russellville, Ky. Clinton, La. Keatchie, La.
T. S. Sligh, A. M Brandt V. B. Dixon, LL. D W. C. Joslin	Mansfield Female College H. Sophie Newcomb Memorial College. Westbrook Seminary	Mansfield, La. New Orleans, La. Woodfords, Me.
W. C. Joslin Mary Theophila Rev. John F. Goucher, LL. D _ J. H. Apple, A. M J. E. Shaw Rev. J. H. Turner, D. D	Notre Dame of Maryland Woman's College of Baltimore Woman's College Kee Mar College Maryland College for Young La-	Baltimore, Md. Do. Frederick, Md. Hagerstown, Md. Lutherville, Md.
C. C. Bragdon, LL. D	Lasell Seminary for Young Wo-	Auburndale, Mass.
Henry Lefavour, LL. D Le Baron R. Briggs, LL. D Rev. L. Clark Seelye, Ll. D Miss Caroline Hazard, LL. D B. G. Lowrey, A. M Rev. J. W. Cooper, D. D Rev. John L. Johnson, LL. D Hon. A. A. Kincannon J. A. Sanderson, principal J. R. Preston	Whitworth Female College Hillman College Industrial Institute and College Central Mississippi Institute Belhaven College for Young La-	Boston, Mass. Cambridge, Mass. Northampton, Mass. South Hadley, Mass. Blue Mountain, Miss. Brookhaven, Miss. Clinton, Miss. Columbus, Miss. French Camp, Miss. Jackson, Miss.
J. L. Logan J. W. Beeson, A. M Hon, James R. Preston, A. M Mrs. W. T. Moore Mrs. W. T. Moore Wm. B. Peeler, B. S Rev. Henry E. Stout, Ph. B Rev. J. M. Spencer Edward W. White, A. M	McComb Female Institute Meridian Female College Stanton College for Young Ladies Chickasaw Female College Port Gibson Female College Stephens College Howard Payne College kynodical Female College Lexington College for Young Wo- men	McComb, Miss. Meridian, Miss. Natchez, Miss. Pontotoc, Miss. Port Gibson, Miss. Columbia, Mo. Do. Fayette, Mo. Fulton, Mo. Lexington, Mo.
Rev. Alfred F. Smith, A. B C. M. Williams, A. M	Central Female College Liberty Ladies College	Do. Liberty, Mo.

## EDUCATION REPORT, 1905.

## III.--College Presidents-Continued.

2.—Colleges for women—Continued.

Name of president.	College.	Address.
J. W. Million, A. M	Hardin College	Mexico, Mo.
Mrs, V. A. C. Stockard Rev. George F. Ayres, Ph. D Rev. George M. Ward, LL. D Truman J. Backus, LL. D Rev. A. C. Mackenzie, LL, D Laura D. Gill, A. M., dean Rev. J. M. Taylor, LL. D Rev. C. B. King, A. M Mrs. Lucy H. Robertson	Hardin College Cottey College for Young Ladies	Nevada, Mo. Nevada, Mo. St. Charles, Mo. Aurora, N. Y. Brooklyn, N. Y. Elmira, N. Y.
Rev. George F. Ayres, Ph. D	Lindenwood College for Women	St. Charles, Mo.
Rev. George M. Ward, LL. D	Wells College	Aurora, N. Y.
Truman J. Backus, LL. D	Wells College Packer Collegiate Institute	Brooklyn, N. Y.
Rev. A. C. Mackenzie, LL. D	Elmira College	Elmira, N. Y.
Laura D. Gill, A. M., dean	Barnard College	new IOTK. N. I.
Rev. J. M. Taylor, LL. D	Vassar College	Poughkeepsie, N. Y.
Kev. C. B. King, A. M	Elizabeth College	Charlotte, N. C.
Mrs. Lucy H. Robertson Daniel W. Rend	Greensboro Female College	Greensboro, N. C.
Mrs Mary Davis Allon	Claremont Female College	Hickory, N. C.
John C Scarborough A B	Louisburg Female College Chowan Baptist Female Institute_	Louisburg, N. C. Murfreesboro, N. C.
John C. Scarborough, A. B. F. P. Hobgood, A. M. Rev. R. T. Yann, D. D.		Oxford, N.C.
Rev. B. T. Vann. D. D.	Oxford Female Seminary Baptist Female University	Raleigh, N. C.
Rev. John H. Clewell, Ph. D	Salem Female Academy and Col-	Salem, N. C.
activities and the electricity in Dia	lege.	Surem, It. C.
Jane Sherzer, Ph. D	Oxford College	Oxford, Ohio.
Lillian W. Johnson, Ph. D	Western College	Do.
Allilian W. Johnson, Ph. D Miss Mary Evans, Litt, D Rev. Thomas S. Land, D. D Rev. J. Max Hark, D. D	Lake Erie College	Painesville, Ohio.
Rev. Thomas S. Land, D. D	Allentown College for Women	Allentown, Pa.
Rev. J. Max Hark, D. D	Moravian Seminary and College	Bethlehem, Pa.
	for Women.	
Rev. S. B. Linhart, A. M	Blairsville College	Blairsville, Pa.
Miss M. Carey Thomas, LL. D. M. H. Reaser, Ph. D	Bryn Mawr College	Byrn Mawr, Pa.
E E Comphell Dh D	Wilson College	Chambersburg, Pa.
E. E. Campbell, Ph. D Rev. Henry D. Lindsay Rev. W. W. Daniel, D. D	Irving Female College	Mechanicsburg, Pa.
Rev. Henry D. Linusay	Pennsylvania College for Women _	Pittsburg, Pa. Columbia, S. C.
Miss Euphemia McClintock,	Columbia Female College	Do.
A. B.	Presbyterian College for Women _	100.
Rev. James Bovce	Due West Female College	Duewest, S. C.
Rev. James Boyce Lee D. Lodge, Ph. D	Limestone College	Gaffney, S. C. Greenville, S. C.
		Greenville, S. C.
Edward C. James, Litt. D	Greenville Female College	Do.
Rev. John O. Willson, D. D	Lander College	Greenwood, S. C.
Robert P. Pell, A. B	Converse College	Spartanburg, S. C.
Rev. B. G. Clifford, D. D	Clifford Seminary	Union, S. C.
A. S. Townes Edward C. James, Litt. D Rev. John O. Willson, D. D Robert P. Pell, A. B Rev. B. G. Clifford, D. D W. E. Martin, Ph. D	Sullins College Tennessee Female College	Bristol, Tenn.
r. E. Allen Amos L. Edwards	Tennessee Female College	Franklin, Tenn.
Rev. A. B. Jones, LL. D	Howard Female College Memphis Conference Female In-	Franklin, Tenn. Gallatin, Tenn. Jackson, Tenn.
nev. A. D. Jones, LL. D	Memphis Conference Female In-	Jackson, renn.
Martha A. Hopkins	stitute.	Murfreesboro, Tenn.
Mrs J O Rust	Soule Female College Boscobel College	Nashville, Tenn.
J. D. Blanton, LL. D	Ward Seminary	Do.
	Ward Seminary Synodical Female College	Rogersville, Tenn.
Rev. C. T. Carlton, A. B	Carlton College	Bonham, Tex. Belton, Tex.
W. A. Wilson, D. D	Baylor Female College	Belton, Tex.
James E. Willis, A. M	Chappell Hill Female College	Chappelhill, Tex.
Kaw C. T. Carlton, A. B W. A. Wilson, D. D James E. Willis, A. M Rev. J. E. Harrison, A. B	San Antonio Female College	San Antonio, Tex.
	Martha Washington College	Abingdon, Va.
Miss Kate M. Hunt, A. B	Stonewall Jackson Institute	Do.
T. Henderson, A. M	Virginia Institute	Bristol, Va.
Rev. H. W. Tribble, D. D	Rawlings Institute Roanoke College of Danville	Charlottesville, Va.
n. D. Hallon, Fn. D	Roanoke College of Danville	Danville, Va. Hollins, Va.
Vice Mattie I Cleake	Hollins Institute	Lynchburg, Va.
Miss Mattie L. Cocke		LIYHCHUUIZ, Va.
Miss Mattie L. Cocke W. W. Smith, LL. D	handoiph-Macon woman's Col-	t e,
	lege.	
Rev. W. D. Mitchell         Miss Kate M. Hunt, A. B         J. T. Henderson, A. M         Rev. H. W. Tribble, D. D         R. E. Hatton, Ph. D         Miss Mattie L. Cocke         W. W. Smith, LL. D         Rev. J. J. Scherer, D. D         Arthur K. Davis, A. M	lege. Marion Female College	Marion, Va.
	lege. Marion Female College Southern Female College	Marion, Va.
Rev. J. J. Scherer, D. D Arthur K. Davis, A. M Rev. James Nelson, D. D Rev. R. L. Telford, D. D	lege. Marion Female College	

3.—Schools of technology.

Name of president.	Institution.	Address.
Charles C. Thach, LL. D Barton O. Aylesworth, LL. D_ Victor C. Alderson, Sc. D Rev. R. W. Stimson, A. M K. G. Matheson, LL. D Rev. Frank W. Gunsaulus, LL. D. W. E. Stone, Ph. D Carl L. Mees, Ph. D Rev. Albert B. Storms, LL. D_	Alabama Polytechnic Institute Colorado Agricultural College State School of Mines Connecticut Agricultural College _ State School of Technology Armour Institute of Technology	Auburn, Ala. Fort Collins, Colo. Golden, Colo. Storrs, Conu. Atlanta, Ga. Chicago, III.
LL. D. W. E. Stone, Ph. D Carl L. Mees, Ph. D Rev. Albert B. Storms, LL. D_	Purdue University Rose Polytechnic Institute Iowa College of Agriculture and Mechanic Arts.	Lafayette, Ind. Terre Haute, Ind. Ames, Iowa.
Ernest R. Nichols, A. M Rear-Admiral J. H. Sands, U.S. N. superintendent	Kansas Agricultural College United States Naval Academy	Manhattan, Kans. Annapolis, Md.
U. S. N., superintendent. R. W. Sylvester K. L. Butterfield, A. M	Maryland Agricultural College Massachusetts Agricultural Col- lege.	Collegepark, Md. Amherst, Mass.
H. S. Pritchett, LL. D	Massachusetts Institute of Tech- nology.	Boston, Mass.
Edmund A. Engler, LL. D J. L. Snyder, Plu. D	Worcester Polytechnic Institute Michigan Agricultural College	Worcester, Mass. Agricultural College, Mich.
F. W. McNair, B. S J. C. Hardy, LL. D	Mississippi Agricultural and Me- chanical College.	Houghton, Mich. Agricultural College, Miss.
Levi J. Rowan, B. S	Alcorn Agricultural and Mechan- ical College.	Alcorn, Miss.
James M. Hamilton, M. S Nathan R. Leonard, A. M	Montana College of Agriculture and Mechanic Arts. Montana State School of Mines	Bozeman, Mont. Butte, Mont.
W. D. Gibbs, M. S	New Hampshire College of Agri- culture and Mechanic Arts.	Durham, N. H.
Alexander C. Humphreys, LL.	Stevens Institute of Technology	Hoboken, N. J.
Luther Foster, M. S. A	ture and Mechanic Arts.	Mesilla Park, N. Mex.
Robert P. Noble, A. M W. S. Aldrich, M. E., director_ Palmer C. Ricketts, C. E Col. Hugh L. Scott, U. S. A.,	New Mexico School of Mines Clarkson School of Technology Rensselaer Polytechnic Institute United States Military Academy	Socorro, N. Mex. Potsdam, N. Y. Troy, N. Y. West Point, N. Y.
superintendent. James B. Dudley, LL. D	Agricultural and Mechanical Col-	Greensboro, N. C.
George T. Winston, LL. D	lege for the Colored Race. North Carolina College of Agri- culture and Mechanic Arts.	West Raleigh, N. C.
J. H. Worst, LL. D	North Dakota Agricultural Col- lege.	Agricultural College, N. Dak.
Charles S. Howe, Ph. D Angelo C. Scott, A. M	Case School of Applied Science Oklahoma Agricultural and Me- chanical College.	Cleveland, Ohio. Stillwater, Okla.
Thomas M. Gatch, Ph. D Howard Edwards, LL. D	Oregon Agricultural College Rhode Island College of Agricul- ture and Mechanic Arts.	Corvallis, Oreg. Kingston, R. I.
Asbury Coward, LL. D., super- intendent.	South Carolina Military Academy_	Charleston, S. C.
P. H. Mell, Ph. D Robert L. Slagle, Ph. D	Clemson Agricultural College South Dakota Agricultural Col- lege.	Clemson College, S. C. Brookings, S. Dak.
Charles H. Fulton, E. M H. H. Harrington, M. S	State School of Mines Agricultural and Mechanical Col- lege of Texas.	Rapid City, S. Dak. College Station, Tex.
W. J. Kerr, Sc. D J. M. McBryde, LL. D	Agricultural College of Utah Virginia Agricultural and Me- chanical College and Polytech- nic Institute.	Logan, Utah. Blacksburg, Va.
Scott Shipp, LL. D., superin- tendent.	Virginia Military Institute	Lexington, Va.
E. A. Bryan, LL. D	State College of Washington	Pullman, Wash.

Name of professor.	University on college	
Name of professor.	University or college.	Address.
Edward F. Buchner, Ph. D Wm. S. Johnson, Ph. D Fletcher B. Dresslar, Ph. D Arthur M. Smith, Ph. D.	University of Arkansas	Fayetteville, Ark.
Arthur M. Smith, Ph. D A. H. Chamberlain, A. M E. P. Cubberley, Ph. D	Throop Polytechnic Institute Leland Stanford Junior Uni-	Claremont, Cal. Pasadena, Cal. Stanford University,
Sanford Bell, A. M H. A. Ruger, A. B D. E. Phillips, Ph. D E. H. Sneath, LL. D	versity. University of Colorado Colorado College University of Denver	Cal. Boulder, Colo. Colorado Springs, Colo. University Park Colo
Lewis B. Moore, Ph. D., dean- Lincoln Hulley, Ph. D., presi- dent	Yale University Howard University John B. Stetson University	
W. F. Yocum, D. D T. J. Woofter, Ph. D George A. Towns, A. M	University of the State of Florida_ University of Georgia Atlanta University	Gainesville, Fla. Athens, Ga. Atlanta, Ga.
G. R. Glenn, I.I. D., president.	North Georgia Agricultural Col-	Dahlonega, Ga.
Arthur W. Rowell M. F. Reed, B. S Nathaniel Butler, LL. D., dean.	Clark University University of Idaho University of Chicago	South Atlanta, Ga. Moscow, Idaho.
Arthur W. Rowen- M. F. Reed, B. S Nathaniel Butler, LL, D., dean. A. R. Taylor, Ph. D., president. Henry C. Reichel, A. B Herbert F. Fisk, LL. D Candie U. Nelson A. B	University of Chicago James Millikin University Eureka College	
Candis J. Nelson, A. B Edwin G. Dexter, Ph. D J. A. Bergström, Ph. D	Northwestern University Greenville College University of Illinois	Evanstón, Ill. * Greenville, Ill. Urbana, Ill.
R. B. Kleinsmid, A. M	Indiana University De Pauw University Putler College	Bloomington, Ind. Greencastle, Ind.
Arthur K. Rogers, Ph. D F. D. Churchill, A. M E. D. Starbuck, Ph. D	Moores Hill College Earlham College	Indianapolis, Ind. Moores Hill, Ind. Richmond, Ind.
<ul> <li>F. D. Churchill, A. M.</li> <li>E. D. Starbuck, Ph. D.</li> <li>Burt W. Ayres, Ph. D.</li> <li>Burt W. Jugget, Ph. B.</li> <li>William F. Barr, Ph. B.</li> <li>William F. Barr, A. M.</li> </ul>	Taylor University Coe College	Upland, Ind. Cedar Rapids, Iowa.
Charles E. Shelton, LL. D.,	Indiana University De Pauw University Butler College Moores Hill College Taylor University Coe College Drake University Upper Iowa University Simpson College	Des Moines, Iowa. Fayette, Iowa. Indianola, Iowa.
president. F. E. Bolton, Ph. D R. M. Stewart, A. B., presi-	State University of Iowa Graceland College	Iowa City, Iowa. Lamoni, Iowa.
dent. Elizabeth Dean Geo. H. Betts, Ph. M	Iowa Wesleyan University Cornell College Central University of Iowa	Mount Pleasant, Iowa. Mount Vernon, Iowa.
Blizabeth Dean Geo. H. Betts, Ph. M Guy G. Sears, A. M E. A. Brown, A. M Wm. O. Allen, Ph. D Harold W. Foght, A. M Lillian Scott, Ph. B Use M. A. Ludlum	Morningside College	Mount Vernon, Iowa. Pella, Iowa. Sioux City, Iowa. Tabor, Iowa.
Harold W. Foght, A. M Lilian Scott, Ph. B	Midland College Baker University	Atchison, Kans. Baldwin, Kans. Emporia, Kans.
Mrs. M. A. Ludlum W. S. Reese, Ph. M A. S. Olin, A. M	Midland College Baker University Emporia College Campbell College University of Kansas Bathony College	Emporia, Kans. Holton, Kans. Lawrence, Kans
	Bethany Čollege Ottawa University Kansas Wesleyan University	Lawrence, Kans. Lindsborg, Kans. Ottawa, Kans. Salina, Kans.
R. A. Schwegler, A. B Albert H. King Otto W. Newby, A. B	Cooper College Fairmount College	Salina, Kans. Sterling, Kans. Wichita, Kans.
B. W. Truesdell, A. B B. W. De Busk, A. B John W. Dinsmore, A. M Milford White, M. S	Friends University Southwest Kansas College Berea College	Do. Winfield, Kans.
	Agricultural and Mechanical Col- lege.	Berea, Ky. Lexington, Ky.
J. C. Willis, Ph. D C. J. C. Bennett, Ph. D R. W. Perkins, Ph. D., presi- dent.	Kentucky University Louisiana State University Leland University	Do. Baton Rouge, La. New Orleans, La.
Halbert H. Britan, Ph. D Charles A. Johnson, A. B	Bates College Morgan College Washington College New Windsor College	Lewiston, Me. Baltimore, Md.
Robert H. Gault, Ph. D W. A. Garrison, A. M Paul H. Hanus, B. S.	Washington College New Windsor College Harvard University	Chestertown, Md. New Windsor, Md. Cambridge, Mass.
dent. Halbert H. Britan, Ph. D Charles A. Johnson, A. B Robert H. Gault, Ph. D W. A. Garrison, A. M Paul H. Hanus, B. S George E. Dawson, Ph. D Anna J. McKeag, Ph. D W. H. Burnham, Ph. D Rufus C. Bentley, A. M., dean_	Wellesley College	Wellesley, Mass.
Rufus C. Bentley, A. M., dean_	Clark University Collegiate Department, Clark University.	Worcester, Mass. Do.
Sarah J. Knott, M. S Geo. B. Randels, Ph. B	Adrian College	Adrian, Mich. Alma, Mich.
W. H. Payne, LL. D Charles H. Gurney, A. M J. M. Van der Meulen, A. M	Adrian College Alma College Hillsdale College Hillsdale College Kalamazoo College	Hillsdale, Mich. Holland, Mich.
Herbert L. Stetson, LL. D	Kalamazoo College	Kalamazoo, Mich.

IV.—Professors	OF	Pedagogy	AND	Heads	$\mathbf{OF}$	Departments	$\mathbf{OF}$	Pedagogy	IN
Universities and Colleges—Continued.									

Name of professor.	University or college.	Address.
E. G. Lancaster, Ph. D., presi- dent.	Olivet College	Olivet, Mich.
George F. James, Ph. D Emil O. Chelgren, A. B J. G. Deupree, LL. D Albert R. Hill, Ph. D., dean Edgar J. Swift, Ph. D Wm. C. T. Adams, Ph. D Josie Y. Osterhout Charles C. Lowis	University of Minnesota Gustavus Adolphus College University of Mississippi Washington University Bellevue College Cotner University Grand Island College University of Nebraska Nebraska Wesleyan University Nevada State University Dartmouth College Battgene College	Minneapolis, Minn.
J. G. Deupree, LL, D	University of Mississippi	St. Peter, Minn.
Albert R. Hill, Ph. D., dean	University of Missouri	Columbia, Mo.
Wm C T Adams Ph D	Rellevue College	St. Louis, Mo.
Josie Y. Osterhout	Cotner University	Bethany, Nebr.
Charles C. Lewis	Union College	Minneapoirs, Minn. St. Peter, Minn. University, Miss. Columbia, Mo. St. Louis, Mo. Bellevue, Nebr. Bethany, Nebr. College View, Nebr. Grand Island, Nebr. Lincoln Nebr.
G. W. A. Luckey, Ph. D.	University of Nebraska	Grand Island, Nebr.
Wm. R. Jackson, A. M	Nebraska Wesleyan University	Lincoln, Nebr. University Place, Nebr.
Franklin C Lewis A M	Nevada State University	Reno, Nev. Hanover, N. H.
E. R. Payson, Ph. D	Rutgers College	Hanover, N. H. New Brunswick, N. J. Albuquerque, N. Mex. Alfred, N. Y. Brooklyn, N. Y. Clinton, N. Y. Hamilton, N. Y. Ithaca, N. Y.
Charles E. Hodgin, B. Ped	University of New Mexico	Albuquerque, N. Mex.
E. N. Henderson, Ph. D	Adelphi College	Brooklyn N Y
W. H. Squires, Ph. D	Hamilton College	Clinton, N. Y.
M. S. Kead, Ph. D	Corpell University	Hamilton, N. Y.
Josie Y. Osterhout Charles C. Lewis John F. Crawford, A. M G. W. A. Luckey, Ph. D Wm. R. Jackson, A. M Franklin C. Lewis, A. M Franklin C. Lewis, A. M Charles E. Hodgin, B. Ped Charles E. Hodgin, B. Ped Charles B. Clark, A. M E. N. Henderson, Ph. D W. H. Squires, Ph. D M. S. Read, Ph. D Charles De Garmo, Ph. D James E. Russell, LL. D., dean	Dartmouth College Rutgers College Alfred University Adelphi College Hamilton College Colgate University Cornell University Columbla University (Teachers' Collumbla University (Teachers'	Ithaca, N. Y. New York, N. Y.
T. M. Balliet, Ph. D., dean George M. Forbes, A. M J. R. Street, Ph. D. Marcus C. S. Noble W. R. Connors, A. B Joseph Kennedy, A. M., dean Joseph Kennedy, A. M., dean Henry G. Williams, A. M Fletcher D. Ward, B. S William P. Burris, A. M David R. Major, Ph. D Edward A. Miller, A. B Harvey C. Minnich, A. M J. E. McMullan, Ph. M	College). New York University University of Rochester Syracuse University Livingstone College Wake Forest College University of North Dakota Nount Union College	Do. Rochester, N. Y. Syracuse, N. Y. Chapel Hill, N. C. Salisbury, N. C. Wake Forest, N. C. University, N. Dak.
J. R. Street, Ph. D	Syracuse University	Syracuse, N. Y.
W. R. Connors, A. B	Livingstone College	Salisbury, N. C.
Darius Eatman, A. M	Wake Forest College	Wake Forest, N. C.
John B Bowman A M	Mount Union College	University, N. Dak.
Henry G. Williams, A. M	Ohio University	Alliance, Ohio. Athens, Ohio. Berea, Ohio.
Fletcher D. Ward, B. S	Baldwin University	Berea, Ohio.
David R. Major, Ph. D	Ohio State University	Cincinnati, Ohio. Columbus. Ohio. Oberlin, Ohio.
Edward A. Miller, A. B	Oberlin College	Oberlin, Ohio.
J. E. McMullan, Ph. M	Scio College	Oxford, Ohio. Scio, Ohio,
	University of North Dakota Mount Union College Baldwin University University of Cincinnati Oberin College Miami University Scio College Hieidelberg University Wilberforce University	Tiffin, Ohio. Wilberforce, Ohio.
W. W. Weaver, A. M	Antioch College	Yellow Springs, Ohio,
H. D. Sheldon, Ph. D	University of Oregon	Eugene, Oreg. Salem, Oreg.
Pd. Pd. W. W. Weaver, A. M H. D. Sheldon, Ph. D Mary E. Reynolds, B. S E. B. Huey, Ph. D	University of Oregon Willamette University Western University of Pennsyl-	Allegheny, Pa.
G. T. Ettinger, Ph. D	vania. Muhlenberg College	Allentown, Pa.
Wm. L. Gooding, Ph. D	Dickinson College	Carlisle, Pa.
James H Leuba Ph D	Ursinus College	Collegeville, Pa. Bryn Mawr, Pa
C. M. Thomas, Ph. D	Grove City College	Bryn Mawr, Pa. Grove City, Pa.
J. H. Brumbaugh	Juniata College	Huntingdon, Pa. Lewisburg, Pa. Philadelphia, Pa.
Francis B. Brandt, Ph. D	Central High School	Philadelphia, Pa.
G. T. Ettinger, Ph. D Wm. L. Gooding, Ph. D Geo. L. Omwake, A. M James H. Leuba, Ph. D C. M. Thomas, Ph. D J. H. Brumbaugh Thomas A. Edwards, A. M Francis B. Brandt, Ph. D S. B. Heekman, A. M	Temple College	Do.
William Noetling, A. M	Susquehanna University	Do. Selinsgrove, Pa.
W. B. Jacobs, A. M	Brown University	Providence, R. I. Columbia, S. C.
G. Le Roy Noves, A. B.	Claffin University	Orangeburg, S. C.
Samuel Weir, Ph. D., dean	Dakota Wesleyan University	Columbia, S. C. Orangeburg, S. C. Mitchell, S. Dak, Yankton, S. Dak, Knoxville, Tenn. Austinile, Tenn. Austin, Tex. North Waco, Tex. Waco, Tex. Logan, Utah. Salt Lake City, Utah. Charlottesville, Va. Lynchburg, Va.
Henry K Warren LL D	University of South Dakota	Vermilion, S. Dak. Vankton S. Dak
P. P. Claxton, A. M	University of Tennessee	Knoxville, Tenn.
Mary Stephens, A. M	Roger Williams University	Nashville, Tenn.
Albert F. Armstrong, A. M	Texas Christian University	North Waco, Tex.
Frederick Eby, Ph. D	Baylor University	Waco, Tex.
Wm. M. Stewart M Di	University of Utab	Salt Lake City Utah
W. H. Heck, A. M	University of Virginia	Charlottesville, Va.
William Noetling, A. M         W. B. Jacobs, A. M         Patterson Wardlaw, A. B         G. Le Roy Noyes, A. B         Samuel Weir, Ph. D., dean         George M. Smith, A. M         Henry K. Warren, LL. D         P. P. Claxton, A. M         Mary Stephens, A. M         Albert F. Armstrong, A. M         Prederick Eby, Ph. D         Daniel C. Jensen, A. B         Wm. M. Stewart, M. Di         W. H. Heck, A. M         Willmot B. Lane, Ph. D	Western University of Pennsyl- vania. Muhlenberg College Dickinson College Bryn Mawr College Grove City College Juniata College Juniata College Central High School Temple College University of Pennsylvania Brown University University of South Carolina Clafin University Dakota Wesleyan University Dakota Wesleyan University University of Tennessee Roger Williams University University of Texas Texas Christian University Brigham Young College University of Utah University of Virginia Brigham Young College University of Virginia Randolph-Macon Woman's Col- lege.	Lynchburg, Va.
Albert H. Yoder A. B	College of William and Mary University of Washington Bethany College West Virginia University Beloit College University of Wisconsin University of Wyoming	Seattle, Wash.
W. D. Turner, A. M	Bethany College	Bethany, W. Va. Morgantown, W. Va.
Almon W Burr A M	West Virginia University	Morgantown, W. Va. Beloit Wis
M. Vincent O'Shea, B. L	University of Wisconsin	Beloit, Wis. Madison, Wis. Laramie, Wyo.
Albert H. Yoder, A. B W. D. Turner, A. M Jasper N. Deahl, A. M Almon W. Burr, A. M M. Vincent O'Shea, B. L John F. Brown, Ph. D	University of Wyoming	Laramie, Wyo.

## EDUCATION REPORT, 1905.

## V .--- PRINCIPALS OF NORMAL SCHOOLS.

Public normal schools.

Location.	Name of institution.	Principal.
ALABAMA. FlorenceJacksonville	State Normal College	Marshall C. Wilson.
Livingston	Alabama Normal College State Normal School for Colored	C. W. Daugette. Miss Julia S. Tutwiler. Wm. B. Paterson.
Normal	Agricultural and Mechanical Col- lege for Negroes.	W. H. Councill.
Troy	_ State Normal College	E. M. Shackelford.
ARIZONA.		
Flagstaff Tempe	Northern Arizona Normal School Tempe Normal School of Arizona_	A. N. Taylor. A. J. Matthews.
ARKANSAS.		
	Branch Normal College	Isaac Fisher.
CALIFORNIA.	California State Normal School	Chas. C. Van Liew
Los Angeles	_ State Normal Schooldo	Chas. C. Van Liew. Jesse F. Millspaugh. Samuel T. Black.
San Francisco	00	Frederick Burk.
San Jose	do	Morris Elmer Dailey.
COLORADO.	_ Colorado State Normal School	7 V Cardon
CONNECTICUT.	_ Colorado State Normal School	Z. A. Suyder.
·	Bridgeport Training School	Besse E. Howes.
Bridgeport Danbury New Britain	_ State Normal Training School	John R. Perkins.
New Haven	State Normal Training School	John R. Perkins. Marcus White. Arthur B. Morrill.
Willimantic	_ do	Henry T. Burr.
DELAWARE.		
Wilmington	_ Teachers' Training School	Clara Mendenhall.
DISTRICT OF COLUMBIA.		
Washington Do	_ Washington Normal School No. 1 _ Washington Normal School No. 2 _	Anne M. Goding. Lucy E. Moten.
FLORIDA.		
Tallahassee	_ Florida State Normal and Indus- trial College.	Nathan B. Young.
GEORGIA.		
Athens Cornelia	Cornelia Normal Institute	E. C.Branson. C. H. Clyde.
Douglas Milledgeville	_ Southern Normal Institute	J. Walter Hendricks. J. Harris Chappell.
avannah	College.	R. R. Wright.
ІДАНО.		U
Albion	_ State Normal Schooldo	G. A. Axline. Geo. H. Black.
ILLINOIS.		
	Southern Illinois State Normal	D. B. Parkinson.
Charleston	University.	L. C. Lord.
Chicago, Station O De Kalb	_ Chicago Normal School	Ella Flagg Young. John W. Cook.
Normal	School. Illinois State Normal University	David Felmley.
Macomb	Western Illinois State Normal School.	J. W. Henninger.
INDIANA.	561001.	
ndianapolis	_ Indianapolis Normal School _ Indiana State Normal School	M. E. Nicholson.
rerre Haute	_ Indiana State Normal School	William W. Parsons.

#### V.-PRINCIPALS OF NORMAL SCHOOLS-Continued.

Public normal schools—Continued.

Location.	Name of institution.	Principal.
IOWA. Cedar Falls Woodbine	Iowa State Normal School Woodbine Normal and Commercial School.	Поmer H. Seerley. M. A. Reed.
KANSAS. Emporia Hays KENTUCKY.	State Normal School Western Branch State Normal School.	Jasper N. Wilkinson. William S. Picken.
Frankfort	State Normal and Industrial In- stitute for Colored Persons. Louisville Normal School	James S. Hathaway. W. J. McConathy.
LOUISIANA. Natchitoches New Orleans	Louisville State Normal School New Orleans Normal School	B. C. Caldwell. Miss Margaret C. Han- son.
MAINE. Castine Farmington Fort Kent Gorham Springfield	Farmington State Normal School Madawaska Training School	Albert F. Richardson. George C. Purington.
MARYLAND. Baltimore Do Frostburg	School. Maryland State Normal School	Sarah C. Brooks. E. B. Prettyman. Edward Murdaugh.
Bridgewater Fitchburg Framingham Hyannis Lowell Do North Adams Salem	Boston Normal School Massachusetts Normal Art School. State Normal School dodo do Training School State Normal School dodo do	Albert G. Boyden. John G., Thompson. Henry Whittemore. Wm, A. Baldwin. F. F. Coburn. Gertrude Edmund. F. F. Murdock. Joseph A. Pitman.
MICHIGAN. Detroit Kalamazoo Marquette Mount Pleasant Ypsilanti	Western State Normal School State Normal School Central State Normal School	Chas. L. Spain. D. B. Waldo. Chas. T. Grawn. Lewis H. Jones.
MINNESOTA. Duluth Mankato Moorehead St. Cloud St. Paul Winona	Teachers' Training School	Chas. II. Cooper, Frank A. Weld. W. A. Shoemaker, Hiram W. Slack.
MISSISSIPPI. Paris Sherman Walnut Grove	Paris Normal School Mississippi Normal Institute Mississippi Central Normal School	D. G. Carpenter. D. C. Langston. John Rundle.
MISSOURI. Cape Girardeau Kirksville St. Louis Warrensburg	trict). Teachers' College	W. S. Dearmont. John R. Kirk. John W. Withers, James E. Ament.
MONTANA. Dillon	Montana Normal School	Henry H. Swain.

## V.—PRINCIPALS OF NORMAL SCHOOLS—Continued.

Public normal schools-Continued.

Location.	Name of institution.	Principal.
NEBRASKA	· · · · · · · · · · · · · · · · · · ·	
Kearney	State Normal School Nebraska State Normal School	A. O. Thomas. W. A. Clark.
NEW HAMPSHIRE.	State Normal School	J. E. Klock.
NEW JERSEY.		
Jersey City Newark	School.	Joseph H. Brensinger. W. S. Willis.
Paterson Trenton NEW MEXICO.	Paterson Normal Training School. New Jersey State Normal and Model Schools.	Jesse D. Burks. James M. Green.
Las Vegas Silver City	New Mexico Normal University Normal School of New Mexico	Edmund J. Vert. C. M. Light.
NEW YORK.	New York State Newsol Gallons	Wm T Milne
Albany Auburn Brockport Brocklyn Gohoes Cortland Fredonia	Auburn Training School State Normal and Training School Training School for Teachers Buffalo Normal School (State) Cohoes Training School	Wm. J. Milne. M. Blanche Sheldon. Charles T. McFarlane. Emma L. Johnston. James M. Cassety. Emma S. Wardle. Francis J. Cheney. F. B. Palmer.
Geneseo Jamaica New Paltz New York	Geneseo State Normal School Normal and Training School State Normal School New York Training School for	James V. Sturges. A. C. McLachlan, Myron T. Scudder. E. N. Jones.
Do	Normal College of the City of New York.	Thomas Hunter.
Oneonta Oswego	Normal College of the City of New York. State Normal School Oswego State Normal and Train- ing School. State Normal School State Normal School	Percy I. Bugbee. Isaac B. Poucher.
Plattsburg Potsdam Rochester Syracuse	Rochester Training School	Geo. K. Hawkins. Thomas B. Stowell. Edith A. Scott. G. A. Lewis.
NORTH CAROLINA. Elizabeth City Fayetteville Greensboro Salisbury	State Normal and Industrial School.	P. W. Moore. E. E. Smith. Charles D. McIver. J. O. Crosby.
NORTH DAKOTA. Mayville	State Normal School	Joseph Carhart.
Valley City		George A. McFarland.
OHIO. Akron Cleveland Columbus	Perkins Normal School Cleveland Normal and Training School. Columbus Normal School	Lee R. Knight. J. W. McGilvrey. Margaret W. Suther-
Dayton Toledo	Dayton Normal School Toledo Normal Training School	land. Grace A. Greene. Mrs. Ella M. R. Baird.
OKLAHOMA.		
Alva Edmond Langston	Northwestern Normal School Central State Normal School Colored Agricultural and Normal University.	T. W. Conway. Frederick H. Umholtz. Inman E. Page.
Weatherford	Southwestern State Normal School	J. R. Campbell.
OREGON. Ashland	Southern Oregon State Normal	Benj. F. Mulkey.
Drain	School. Central Oregon State Normal	A. L. Briggs.
Monmouth	School.	
Weston	Eastern State Normal School	Robert Carver French.

#### V.—PRINCIPALS OF NORMAL SCHOOLS—Continued.

Public normal schools—Continued.

Location.	Name of institution.	Principal.
PENNSYLVANIA.		
Bloomsburg California	Southwestern State Normal	Judson P. Welsh. Theo. B. Noss.
Clarion East Stroudsburg	School. Clarion State Normal School East Stroudsburg State Normal	J. Geo. Becht. E. L. Kemp.
Edinboro Indiana	Indiana Normal School of Penn-	John F. Bigler. D. J. Waller, jr.
Kutztown Lockhaven Mansfield Millersville	_ Central State Normal School _ Mansfield State Normal School _ First Pennsylvania State Normal	A. C. Rothermel, J. R. Flickinger, Andrew T. Smith, E. Oram Lyte,
Philadelphia	School. Philadelphia Normal School for	J. M. Willard.
Pittsburg	Girls. Pittsburg High School, Normal	Jane Ralston.
Shippensburg	Department. Cumberland Valley State Normal	G. M. D. Eckels.
Slippery Rock	School. Slippery Rock State Normal School.	Albert E. Maltby.
Westchester	School. State Normal School	George M. Philips.
RHODE ISLAND.		
Providence	Rhode Island State Normal School.	Charles S. Chapin.
SOUTH CAROLINA. Rockhill	Winthrop Normal College	D. B. Johnson.
SOUTH DAKOTA.		
Madison Spearfish Springfield	State Normal Schooldodo	J. W. Heston. F. L. Cook. J. S. Frazee.
TENNESSEE.		
Nashville	Peabody College for Teachers	James D. Porter.
TEXAS.		
Denton Detroit Huntsville Prairie View	_ Detroit Normal School Sam Houston Normal Institute	W. A. Dean. H. C. Pritchett,
UTAH.	-	
	Branch Normal School	G. W. Decker.
VERMONT. Castleton Johnson	State Normal School	Philip R. Leavenworth. Edward D. Collins. Charles H. Morrill.
Randolph Center	do	Charles H. Morrill.
VIRGINIA.		
Farmville	State Female Normal School Hampton Normal and Agricul-	J. L. Jarman. H. B. Frissell.
Petersburg	tural Institute.	J. H. Johnston.
WASHINGTON. Bellingham Cheney Ellensburg	State Normal School dodo	Edward T. Mathes. Harry M. Shafer. W. E. Wilson.
WEST VIRGINIA.	_ State Normal School	W. L. McCowan. John C. Shaw.
Institute Shepherdstown	_ West Virginia Colored Institute _ Shepherd College, State Normal	J. McII. Jones. J. G. Knutti.
West Liberty	School. - West Liberty State Normal School.	Lorain Fortney.

#### V.—PRINCIPALS OF NORMAL SCHOOLS—Continued.

Public normal schools-Continued.

Location.	Name of institution.	Principal.		
Oshkosh Platteville River Falls Stevens Point Superior Wausau	School for Teachers.	L. D. Harvey. Charles McKenney. R. H. Halsey. J. W. Livingston. W. J. Brier. Theron B. Pray. I. C. McNeill. O. E. Wells.		

Private normal schools.

ALABAMA.		
Cullman	Normal Department, Polytechnic	S. A. Fetter.
Fort Payne Mobile	College and Ladies' Institute. Falkville Normal College North Alabama College Emerson Normal Institute Snow Hill Normal and Industrial Institute.	S. M. Goodrich. Edwin R. Eldridge. Rev. A. T. Burnell. W. J. Edwards.
Tuskegee		B. T. Washington.
Green Forest Pea Ridge	Ozark Normal School Pea Ridge Masonic College _4	W. D. Crawford. S. C. Parish.
COLORADO.		
Denver		Fred. Dick.
	School.	
DISTRICT OF COLUMBIA.		
Washington	Kindergarten Normal Training School.	Miss Susan P. Pollock.
FLORIDA.		
Jasper Orange Park	Jasper Normal Institute Orange Park Normal and Manual Training School.	W. B. Cate. Rev. Walter S. Eaton.
GEORGIA.	Training School.	
Augusta	Haines Manual and Industrial Institute.	Miss Lucy C. Laney.
Macon Social Circle	Ballard Normal School Negro Normal and Industrial School.	George C. Burrage. James A. Love.
	Allen Normal and Industrial School.	Abbie B. Howland.
Waynesboro	Haven Normal Academy	W. H. Bryan.
ILLINOIS.		
Addison	German Evangelical Lutheran Teachers' Seminary.	E. A. W. Krauss.
Dixon	Dixon College and Normal School_	W. H. Williamson.
Hoopeston	Greer College Wells School for Teachers	E. L. Bailey. H. W. Sullivan.
Oregon Rushville		Maxwell Kennedy.
Rushvine	College.	v
INDIANA.		
Danville Indianapolis	Central Normal College Indiana Kindergarten and Pri- mary Normal Training School.	A. J. Kinnaman. Eliza A. Blaker.
Marion	Marion Normal College	C. W. Boucher.
Muncio	Indiana Normal School	Francis M. Ingler.
Rochester	Rochester Normal University Valparaiso University	H. B. Brown.
	, asparatoo our or or of a letter	

## PRINCIPALS OF NORMAL SCHOOLS.

#### V.—PRINCIPALS OF NORMAL SCHOOLS—Continued.

Private normal schools—Continued.

Location.	Name of institution.	Principal.
IOWA. Denison	Denison Normal School Lemars Normal College Newton Normal College	W. C. Van Ness. Herman H. Thoren. G. W. Wormley
PerryShenandoah Waukon KANSAS.	Perry Normal School	IS 1, Meek
SalinaKENTUCKY.	Salina Normal University	Charles Swisher,
Hardinsburg Hazard Lexington Middleburg Morehead Waddy		W. H. Sasser, Fannie J. Webster
	Luther College	F. J. Lankenan.
	Lee Normal Academy	Chas. M. Teague.
MARYLAND. Baltimore MASSACHUSETTS.	Baltimore Normal School (col- ored).	George Harrison.
Boston (1069 Boylston)	Froebel School, Kindergarten Nor- mal Classes.	Annie C. Rust.
Boston Do Waltham	Garland Kindergarten Training School. Kindergarten Training School Notre Dame Training School	Margaret Stannard. Lucy Wheelock. Sister Berchmans.
MICHIGAN. Detroit Petoskey		
MINNESOTA. Madison New Ulm	Normal School of the United Nor- wegian Lutheran Church. Dr. Martin Luther College	
MISSISSIPPI. Shelby Tougaloo MISSOURI.	Shelby Normal School Normal Department Tougaloo University.	J. M. Williamson. Frank G. Woodworth.
Chillicothe Columbia	Chillicothe Normal Business and Shorthand College. Columbia Normal Academy	Allen Moore. Geo. H. Beasley.
Piedmont     Stanberry	Hale's College Stanberry Normal School	W. H. Hale. F. L. Maxwell.
NEBRASKA. Fremont Santee Wayne	Fremont Normal School Santee Normal Training School Nebraska Normal College	W. H. Clemmons. Alfred L. Riggs. J. M. Pile.
NORTH CAROLINA. Asheville Charlotte	Rowan Normal Industrial Insti	Rev. Thos. Lawrence. C. C. Somerville.
Enfield Franklinton	dustrial, and Normal School.	T. S. Inborden. Rev. John A. Savage.
Henderson	dustrial School. Henderson Normal Institute	J. A. Cotton. Thos C. Amick
Raleigh Wilmington Winton	St. Augustine's School Gregory Normal Institute Waters Normal Institute	Rev. A. B. Hunter, Geo. A. Woodard, C. S. Brown,

## EDUCATION REPORT, 1905.

## V.-PRINCIPALS OF NORMAL SCHOOLS-Continued.

Private normal schools-Continued.

Location.	Name of institution.	Principal.
OHIO. Ada Canfield Dayton Lebanon New Philadelphia	Northeastern Ohio Normal School St. Mary's Academy	L. A. Belt. C. O. Allaman. Brother Joseph Meyer J. Oscar Creager. John P. Kuhn.
PENNSYLVANIA. Muncy Cheyney SOUTH CAROLINA.	Lycoming County Normal School _ Institute for Colored Youth	H. A. Spotts. H. M. Browne.
Charleston Frogmore Greenwood	Avery Normal Institute Penn Normal and Industrial School. Brewer Normal School Lancaster Normal and Industrial Institute.	Rev. J. M. Robinson.
SOUTH DAKOTA. Sioux Falls TENNESSEE.	- Lutheran Normal School	Rev. A. Mikkelsen.
Fountain City Hornbeak Huntingdon Madison	Nashville Agricultural and Nor- mal Institute.	W. S. Bryan. W. L. Willingham. A. E. Booth. Edward A. Sutherland
Memphis Morristown TEXAS.	Le Moyne Normal Institute Morristown Normal Academy	A. J. Steele. Judson S. Hill.
	East Texas Normal College	W. L. Mayo.
Keysville	- Keysville Mission Industrial School. - Hartshorn Memorial College	Wm. H. Hayes. Lyman B. Tefft.
	Storer College	Henry T. McDonald.
	- National German-American Teachers' Seminary. - Catholic Normal School of the Holy Family.	

## CHAPTER XVIII.

## STATISTICS OF STATE SCHOOL SYSTEMS.

Each State of the Union has a public school system of its own, supported by funds derived from its own resources and administered by officers chosen in accordance with its own laws. The General Government does not give direct financial aid to the common schools of any of the States and does not in any manner interfere with their management. These facts are not well understood abroad. Letters of inquiry addressed to this Bureau by many intelligent foreigners indicate that they regard the United States as having a national system of education, at least partly supported by the General Government.

It is true that our State school systems are very similar in many essentials and present such uniformity in methods of administration and instruction that a traveler from abroad visiting the schools of half the States would not suspect that they are not under the same general management. The casual observer would not learn that several States expend annually for schools \$25 per capita of school population and several less than \$3 per capita; that one State maintains its schools one hundred and ninety-four days in the year and another only eighty-eight; that one State pays its teachers \$65 per month and another only \$28; that one State enrolls over 90 per cent of its school population, and another less than 45 per cent. A study of the school statistics of each State would be necessary to reveal these and other strong points of difference. The systems are sufficiently uniform to make possible a statistical comparison, and the points of difference are so marked as to make a study of the tables interesting and instructive.

It is not possible to present each year complete and accurate returns from all the State systems. Many of the State reports are only biennial and others are long delayed in publication.

In the tables which follow, the statistics of State school systems include elementary and secondary schools, both urban and rural. Thus the enrollment of 16,468,300 in the common schools of the States includes the enrollment of 4,506,678 in the public schools of the 594 cities of 8,000 population and over, and the enrollment of 707,205 in the 618 cities and villages of 4,000 to 8,000 population. The grand total includes 679,702 students in public high schools, city and rural, belonging to State school systems. The statistics of city school systems are given separately in Chapter XIX of this report, and the statistics of high schools in Chapter XXIV.

Table 1 of this chapter shows that the population of the United States in 1905, as estimated by the Census Office, was 82,584,061. Based upon the ratios which prevailed in 1900, the estimated number of children 5 to 18 years of age was 23,410,800, and the number of male persons 21 years of age and over was 22,977,384. The school age is assumed to be 5 to 18, i. e., including all children just completing their fifth year and entering their sixth, all who have no more than completed their eighteenth year, and all between these ages.

Several items of more or less value in a study of common school statistics will be found in Table 2; for example, density of population, urban population, nativity and race classification, percentage of illiteracy, etc.

ED 1905-VOL 1-29

Table 3 shows for each State the age for free attendance at the public schools, age for compulsory attendance, date of latest school census reported, age of persons enumerated, and the number of persons enumerated.

The number of pupils enrolled in the common schools at different dates since 1870 will be found in Table 4. In 1870–71 the enrollment was 61.45 per cent of the school population, in 1879–80 it was 65.5 per cent, in 1889–90 it was 68.61 per cent, and in 1899–1900 it had reached 72.43 per cent. In 1904–5 the enrollment was 70.35 per cent of the estimated total school population. It is possible that there has been a falling off in the percentage of enrollment, but it may be, on the other hand, that the increase of population has been overestimated.

Table 6 shows that of the total enrollment of 16,468,300 in 1904–5 there were 8,266,855 boys and 8,201,445 girls. The enrollment was 19.94 per cent of the total population as compared with 20.51 per cent in 1900 and 20.32 per cent in 1890.

The average daily attendance at various periods is given in Table 7. In 1904–5 the average number of pupils actually present at school each day was 11,481,531, or 69.72 for each 100 enrolled.

Table 8 shows the average length of school term at various periods. The length of the school year increased from one hundred and thirty-two days in 1870–71 to one hundred and fifty-one in 1904–5. There was in the latter year an average of seventy-four days of schooling for every child 5 to 18 and an average of one hundred and five days attended by each pupil enrolled.

There were 460,269 teachers employed in the public schools in 1904–5, the number of men being 110,532, or 24 per cent of the total number. In 1870 the percentage of male teachers was 41. The percentages for other years are given in Table 10.

Table 11 shows the average monthly wages of teachers, number of schoolhouses, value of school property, and the estimated number of pupils enrolled in private schools.

Tables 12 to 18, inclusive, relate to the receipts and expenditures of school moneys by the States. The aggregate expenditure for 1904–5 was \$291,616,660, or \$3.53 per capita of population, as compared with \$2.24 in 1890 and \$1.75 in 1870–71.

Tables 19 and 20 show the total true valuation of real and personal property in 1880, 1890, 1900, and 1904. Expenditures for public schools are shown for each of these years. In 1880 there was an expenditure of 17.9 cents for public schools on each \$100 of wealth, in 1890 it was 21.7 cents, in 1900 it had reached 24.3 cents, and in 1904 the estimate was 25.5 cents.

The permanent school funds and values of school lands possessed by the States are shown in Table 21. The diagrams which conclude the chapter are easily understood.

TABLE 1.— The total population, the school population, and the adult male population.

			The school j	population.		Estimated
State or Territory.	Estimated total popu- lation in	Estimated to 18 y	l number of years of age	Per-	number of male persons 21 years and	
	1905.	Boys.	Girls.	Total.	centage of boys.	over in 1905.
1	2	3	4	5	6	7
United States	82, 584, 061	11,796,216	11, 614, 584	23, 410, 800	50.38	22, 977, 38
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	$\begin{array}{c} 22,866,560\\ 11,236,260\\ 15,535,007\\ 28,357,830\\ 4,588,404 \end{array}$	$\begin{array}{c} 2,795,226\\ 1,797,570\\ 2,582,069\\ 4,038,969\\ 582,382 \end{array}$	$\begin{array}{c} 2,793,378\\ 1,774,819\\ 2,516,427\\ 3,961,336\\ 568,624 \end{array}$	$\begin{array}{c} 5,588,604\\ 3,572,389\\ 5,098,496\\ 8,000,305\\ 1,151,006 \end{array}$	$50.02 \\ 50.32 \\ 50.62 \\ 50.48 \\ 50.59$	$\begin{array}{r} 6,807,567\\ 2,686,853\\ 3,731,463\\ 8,126,577\\ 1,624,922\end{array}$
North Atlantic Division: Maine. New Hampshire. Vermont. Massachusetts. Rhode Island. Connecticut. New York. New York. New Jersey. Pennsylvania.	711, 156429, 118349, 2513,088, 546470,081989,5007, 501, 7542, 103,0396, 824, 115	$\begin{array}{c} 83,258\\ 46,200\\ 41,545\\ 341,422\\ 55,023\\ 113,355\\ 941,459\\ 261,408\\ 911,556\end{array}$	$\begin{array}{c} 81,446\\ 46,404\\ 40,075\\ 344,853\\ 55,399\\ 113,537\\ 948,641\\ 264,141\\ 898,882\end{array}$	$\begin{array}{r} 164,704\\92,604\\81,620\\686,275\\110,422\\226,890,100\\525,549\\1,810,438\end{array}$	50.55 $49.89$ $50.90$ $49.75$ $49.83$ $49.96$ $49.81$ $49.74$ $50.35$	$\begin{array}{c} 222,84;\\ 136,59;\\ 110,10;\\ 929,21(\\ 139,46;\\ 305,39;\\ 2,375,856\\ 620,14;\\ 1,967,94;\end{array}$
South Atlantic Division: Delaware. Maryland. District of Columbia. Virginia. West Virginia. North Carolina. South Carolina. Georgia. Florida.	$192,855\\1,260,869\\302,883\\1,953,284\\1,056,805\\2,031,740\\1,434,901\\2,405,821\\597,102$	$\begin{array}{c} 25,967\\ 175,969\\ 31,690\\ 310,889\\ 166,219\\ 341,765\\ 250,070\\ 402,334\\ 92,667\end{array}$	$\begin{array}{c} 25,159\\ 175,687\\ 34,126\\ 306,935\\ 159,700\\ 334,195\\ 246,693\\ 400,248\\ 92,076\end{array}$	$\begin{array}{c} 51,126\\ 351,656\\ 65,816\\ 617,824\\ 325,919\\ 675,960\\ 496,763\\ 802,582\\ 184,743\end{array}$	$\begin{array}{c} 50.\ 79\\ 50.\ 04\\ 48.\ 15\\ 50.\ 32\\ 51.\ 00\\ 50.\ 56\\ 50.\ 34\\ 50.\ 13\\ 50.\ 16\end{array}$	$\begin{array}{c} 56, 39\\ 341, 10\\ 91, 08\\ 472, 01\\ 273, 44\\ 448, 16\\ 303, 52\\ 543, 34\\ 157, 77\end{array}$
South Central Division: Kentucky. Tennessee Alabama. Mississippi. Louisiana Texas. Arkansas. Oklahoma Indian Territory.	$\begin{array}{c} 2,291,444\\ 2,147,166\\ 1,986,347\\ 1,682,105\\ 1,513,145\\ 3,455,300\\ 1,403,239\\ 558,261\\ 498,000 \end{array}$	$\begin{array}{c} 359,140\\ 349,415\\ 335,898\\ 289,561\\ 247,496\\ 584,546\\ 239,614\\ 89,393\\ 87,006\end{array}$	$\begin{array}{r} 350,062\\ 337,463\\ 327,145\\ 282,355\\ 245,033\\ 571,597\\ 234,400\\ 85,510\\ 82,862 \end{array}$	$\begin{array}{c} 709,202\\ 686,878\\ 663,043\\ 571,916\\ 492,529\\ 1,156,143\\ 474,014\\ 174,903\\ 169,868\end{array}$	$50. 64 \\ 50. 87 \\ 50. 66 \\ 50. 63 \\ 50. 25 \\ 50. 56 \\ 50. 55 \\ 51. 11 \\ 51. 22$	$\begin{array}{c} 580, 12 \\ 517, 90 \\ 449, 54 \\ 378, 60 \\ 357, 08 \\ 835, 89 \\ 335, 60 \\ 153, 04 \\ 123, 66 \end{array}$
North Central Division: Ohio Indiana. Illinois Michigan. Wisconsin. Minnesota. Iowa. Missouri. North Dakota. South Dakota. Nebraska. Kansas.	4,400,155	$587,740\\375,239\\730,255\\349,123\\336,886\\292,634\\494,084\\494,084\\58,628\\67,659\\163,026\\238,851$	$576, 101 \\ 365, 900 \\ 725, 596 \\ 342, 620 \\ 332, 735 \\ 286, 725 \\ 336, 532 \\ 484, 107 \\ 56, 148 \\ 64, 824 \\ 158, 905 \\ 231, 143 \\ \end{cases}$	$\begin{array}{c} 1, 163, 841\\ 741, 139\\ 1, 455, 851\\ 691, 743\\ 669, 621\\ 579, 359\\ 681, 376\\ 978, 191\\ 114, 776\\ 132, 483\\ 321, 931\\ 469, 994 \end{array}$	$\begin{array}{c} 50.\ 50\\ 50.\ 63\\ 50.\ 16\\ 50.\ 47\\ 50.\ 31\\ 50.\ 51\\ 50.\ 61\\ 50.\ 51\\ 51.\ 08\\ 51.\ 07\\ 50.\ 64\\ 50.\ 82\end{array}$	$\begin{array}{c} 1,282,55\\767,07\\1,546,11\\760,22\\622,74\\570,66\\680,69\\915,58\\114,31\\120,03\\301,00\\445,55\end{array}$
Western Division: Montana. Wyoming Colorado. New Mexico. Arizona Utah. Nevada. Idaho. Washington. Oregon. California	$\begin{array}{c} 602,925\\212,825\\140,276\\309,734\\42,335\\198,382\\598,538\\461,451\end{array}$	$\begin{array}{c} 33,121\\ 13,441\\ 74,684\\ 33,183\\ 18,526\\ 50,456\\ 4,640\\ 29,012\\ 76,896\\ 61,771\\ 186,652 \end{array}$	$\begin{array}{c} 32,220\\ 12,235\\ 74,238\\ 31,984\\ 17,735\\ 50,455\\ 4,373\\ 27,785\\ 74,474\\ 59,729\\ 183,396\end{array}$	$\begin{array}{c} 65,341\\ 25,676\\ 148,922\\ 65,167\\ 36,261\\ 100,911\\ 9,013\\ 56,797\\ 151,370\\ 121,500\\ 370,048 \end{array}$	$\begin{array}{c} 50.\ 69\\ 52.\ 35\\ 50.\ 15\\ 50.\ 92\\ 51.\ 09\\ 50.\ 00\\ 51.\ 48\\ 51.\ 08\\ 50.\ 80\\ 50.\ 84\\ 50.\ 44\\ \end{array}$	$\begin{array}{c} 122, 97\\ 44, 03\\ 207, 44\\ 60, 01\\ 50, 29\\ 75, 17\\ 17, 71\\ 66, 11\\ 225, 99\\ 161, 23\\ 593, 92\\ \end{array}$

# TABLE 2.—Density of population, urban population, nativity and race classification, value of manufactures, illiteracy, and relations of the adult male and of the school population.

[NOTE.—The statistics in this table, except those in column 12, are from the U: S. Census of 1900.]

	Tł	ne tota	l popu	lation.		tured a of	The action (2	lult m 1 year	ale po s and o	pula- over).	Numl childi	en 5
State or Territory.	i persons to re mile.	in incorpo- ices of 8,000	an wh	ent of r d forei ite and colored	gn I of	i manufactured s per capita of on. <sup>b</sup>	to every 100 n 5 to 18 of age.	erat to wi	ent of es (un ite) ai ilt ma	able mong	the t	years ge to y 100 ons of cotal ation.
	Number of p a square	Per cent in in rated places and over.	N a tive white.	Foreign white.	Colored.a	Value of products p population. <sup>1</sup>	Number to children years of a	N a tive white.	Foreign white.	Negro.	1870.	1900.
1	2	3	4	5	6	7	8	9	10	11	12	13
United States	25.6	32.6	74.4	13.4	12.2	\$74.53	98.3	4.9	11.5	47.4	31.3	28.3
North Atlantic Div South Atlantic Div South Central Div North Central Div Western Division	$129.8 \\ 38.9 \\ 23.1 \\ 34.9 \\ 3.5$	$57.0 \\ 17.0 \\ 11.4 \\ 30.6 \\ 31.2$	$75. \ 6 \\ 62. \ 2 \\ 67. \ 2 \\ 82. \ 1 \\ 76. \ 1$	$22.5 \\ 2.0 \\ 2.5 \\ 15.8 \\ 18.6$	$ \begin{array}{c} 1.9\\ 35.8\\ 30.3\\ 2.1\\ 5.3 \end{array} $	$140. 22 \\ 35. 48 \\ 20. 44 \\ 68. 08 \\ 63. 96$	$121.8 \\ 75.2 \\ 73.1 \\ 101.6 \\ 141.1$	$2.0 \\ 11.5 \\ 11.1 \\ 2.9 \\ 2.4$	$15.2 \\ 11.3 \\ 18.8 \\ 7.9 \\ 7.7$	$15. \ 3 \\ 51. \ 1 \\ 52. \ 5 \\ 24. \ 8 \\ 13. \ 4$	$\begin{array}{r} 28.3\\ 33.0\\ 33.9\\ 32.4\\ 25.6\end{array}$	24. 431. 832. 828. 225. 1
North Atlantic Div.: Maine New Hampshire. Vermont Massachusetts Rhode Island. Connecticut New York New York New Yorsey Pennsylvania	23. 2 45. 7 37. 6 348. 9 407. 0 187. 5 152. 6 250. 3 140. 1	$\begin{array}{c} 23.7\\ 38.6\\ 11.2\\ 67.0\\ 66.1\\ 52.0\\ 68.5\\ 61.2\\ 45.5 \end{array}$	86.3 78.4 86.7 68.8 66.6 72.1 72.5 73.4 81.9	$\begin{array}{c} 13.\ 4\\ 21.\ 4\\ 13.\ 0\\ 29.\ 9\\ 31.\ 2\\ 26.\ 1\\ 26.\ 0\\ 22.\ 8\\ 15.\ 6\end{array}$	$\begin{array}{c} .3\\ .2\\ .3\\ 1.3\\ 2.2\\ 1.8\\ 1.5\\ 3.8\\ 2.5\end{array}$	84.23 127.22 80.80 171.99 204.60 184.04 141.97 133.15 125.73	$\begin{array}{c} 135.3\\ 147.5\\ 134.9\\ 135.4\\ 126.3\\ 134.6\\ 125.7\\ 118.0\\ 108.7 \end{array}$	$\begin{array}{c} 3.1 \\ 2.0 \\ 4.1 \\ .9 \\ 2.0 \\ 1.0 \\ 1.8 \\ 2.3 \\ 2.5 \end{array}$	$\begin{array}{c} 21.\ 4\\ 24.\ 0\\ 23.\ 3\\ 13.\ 8\\ 18.\ 2\\ 15.\ 6\\ 12.\ 1\\ 13.\ 4\\ 20.\ 2\end{array}$	$17.3 \\ 14.8 \\ 19.7 \\ 10.5 \\ 15.4 \\ 13.1 \\ 11.3 \\ 18.3 \\ 17.5 \\ 15.4 \\ 10.5 \\ $	28.0 24.8 27.2 25.5 25.7 25.9 28.1 29.0 30.6	23. 2 21. 6 23. 4 22. 2 23. 5 22. 9 23. 9 23. 9 25. 0 26. 5
South Atlantic Div.: Delaware. Maryland. Dist. of Columbia. Virginia. West Virginia. North Carolina. Georgia. Florida. South Central Div.:	94. 3 120. 5 4, 645. 3 46. 2 38. 9 39. 0 44. 4 37. 6 9. 7	$\begin{array}{r} 41.\ 4\\ 46.\ 9\\ 100.\ 0\\ 14.\ 7\\ 7.\ 7\\ 5.\ 1\\ 7.\ 5\\ 11.\ 0\\ 15.\ 0\end{array}$	$\begin{array}{c} 75.9\\72.3\\61.7\\63.3\\93.1\\66.5\\41.2\\52.7\\52.6\end{array}$	7.57.97.01.02.4.2.4.63.7	$16.6 \\ 19.8 \\ 31.3 \\ 35.7 \\ 4.5 \\ 33.3 \\ 58.4 \\ 46.7 \\ 43.7 \\ $	$\begin{array}{c} 101.\ 42\\ 82.\ 62\\ 101.\ 53\\ 30.\ 91\\ 33.\ 20\\ 22.\ 10\\ 18.\ 44\\ 21.\ 85\\ 40.\ 06\\ \end{array}$		$\begin{array}{c} 7.1\\ 5.1\\ .9\\ 12.2\\ 10.7\\ 18.9\\ 12.3\\ 11.8\\ 8.3 \end{array}$	$\begin{array}{c} 17.\ 6\\ 10.\ 7\\ 5.\ 0\\ 10.\ 5\\ 22.\ 5\\ 5.\ 7\\ 5.\ 2\\ 5.\ 6\\ 9.\ 2\end{array}$	$\begin{array}{r} 42.\ 7\\ 40.\ 5\\ 26.\ 1\\ 52.\ 5\\ 37.\ 8\\ 53.\ 1\\ 54.\ 7\\ 56.\ 4\\ 39.\ 4\end{array}$	$\begin{array}{c} 31.8\\ 31.3\\ 27.0\\ 32.4\\ 34.1\\ 33.6\\ 33.2\\ 34.4\\ 34.0\\ \end{array}$	$\begin{array}{c} 26.5\\ 27.9\\ 21.7\\ 31.6\\ 30.8\\ 33.3\\ 34.6\\ 33.4\\ 30.9 \end{array}$
Kentucky Tennessee Alabama Mississippi Louisiana Texas Arkansas Oklahoma Indian Territory	$53.7 \\ 48.4 \\ 35.5 \\ 33.5 \\ 30.4 \\ 11.6 \\ 24.7 \\ 10.3 \\ 12.6$	$16.9 \\ 13.4 \\ 7.3 \\ 2.6 \\ 22.8 \\ 11.3 \\ 5.4 \\ 5.0 \\ 0.0 \\ $	84. 4 75. 3 53. 9 40. 8 49. 1 73. 8 70. 9 88. 4 76. 0	$2.3 \\ .9 \\ .8 \\ .5 \\ 3.7 \\ 5.8 \\ 1.1 \\ 3.9 \\ 1.2$	$\begin{array}{c} 13.3\\ 23.8\\ 45.3\\ 58.7\\ 47.2\\ 20.4\\ 28.0\\ 7.7\\ 22.8 \end{array}$	$\begin{array}{c} 33.22\\ 21.92\\ 20.04\\ 12.08\\ 28.14\\ 17.16\\ 16.19\\ 6.61\\ 4.25\end{array}$	$\begin{array}{c} 81.8\\ 75.4\\ 67.8\\ 66.2\\ 72.5\\ 72.3\\ 70.8\\ 87.5\\ 72.8\end{array}$	$14.3 \\ 14.1 \\ 13.8 \\ 8.1 \\ 16.9 \\ 5.8 \\ 10.5 \\ 2.7 \\ 10.7 \\ 10.7 \\$	$\begin{array}{c} 8.6 \\ 7.7 \\ 8.0 \\ 9.5 \\ 24.6 \\ 25.4 \\ 6.4 \\ 6.3 \\ 16.9 \end{array}$	$\begin{array}{r} 49.\ 5\\ 47.\ 6\\ 59.\ 5\\ 53.\ 2\\ 61.\ 3\\ 45.\ 1\\ 44.\ 8\\ 32.\ 0\\ 41.\ 3\end{array}$	34. 4 34. 1 34. 4 33. 7 31. 1 34. 8 34. 2	$\begin{array}{c c} 31.0\\ 32.0\\ 33.4\\ 34.0\\ 32.6\\ 33.5\\ 33.8\\ 31.3\\ 34.1 \end{array}$
North Central Div.: Ohio Indiana Michigan Wisconsin Minnesota Iowa Morth Dakota South Dakota Nebraska Kansas.	40. 2 45. 2 4. 5 5. 2	$\begin{array}{c} 38.5\\ 24.2\\ 47.1\\ 30.9\\ 30.7\\ 26.8\\ 16.8\\ 30.8\\ 3.0\\ 2.6\\ 15.8\\ 14.0 \end{array}$	$\begin{array}{c} 86.\ 7\\ 92.\ 1\\ 78.\ 2\\ 76.\ 8\\ 74.\ 6\\ 70.\ 4\\ 85.\ 7\\ 87.\ 9\\ 62.\ 4\\ 72.\ 8\\ 82.\ 5\\ 87.\ 7\end{array}$	$\begin{array}{c} 11.\ 0\\ 5.\ 6\\ 20.\ 0\\ 22.\ 3\\ 24.\ 9\\ 28.\ 8\\ 13.\ 7\\ 6.\ 9\\ 35.\ 3\\ 22.\ 0\\ 16.\ 6\\ 8.\ 6\end{array}$	$\begin{array}{c} 2.3\\ 2.3\\ 1.8\\ .9\\ .5\\ .8\\ .6\\ 5.2\\ 2.3\\ 5.2\\ .9\\ 3.7\end{array}$	$\begin{array}{c} 92.\ 50\\ 64.\ 34\\ 107.\ 84\\ 65.\ 01\\ 73.\ 45\\ 50.\ 95\\ 28.\ 43\\ 54.\ 88\\ 11.\ 18\\ 10.\ 97\\ 39.\ 19\\ 29.\ 00\\ \end{array}$	$\begin{array}{c c} 110. \ 2\\ 103. \ 5\\ 106. \ 2\\ 109. \ 9\\ 93. \ 0\\ 98. \ 5\\ 99. \ 9\\ 93. \ 6\\ 99. \ 6\\ 99. \ 6\\ 93. \ 5\\ 94. \ 8\end{array}$	$\left \begin{array}{c} 3.2\\ 4.4\\ 2.8\\ 2.4\\ 1.9\\ 1.0\\ 1.6\\ 5.4\\ 1.0\\ .8\\ 1.0\\ 1.7\end{array}\right $	$\begin{array}{c} 9.\ 6\\ 9.\ 6\\ 7.\ 8\\ 10.\ 2\\ 9.\ 3\\ 6.\ 4\\ 5.\ 2\\ 6.\ 8\\ 6.\ 3\\ 4.\ 9\\ 5.\ 1\\ 6.\ 4\end{array}$		$\begin{array}{c} 31.7\\ 33.8\\ 32.2\\ 30.3\\ 33.6\\ 32.5\\ 33.1\\ 33.6\\ \end{array}$	26. 5 27. 7 27. 4 27. 1 29. 7 29. 4 28. 5 29. 5 30. 0 31. 0 30. 1 29. 7
Western Division: Montana. Wyoming. Colorado. New Mexico. Arizona. Utah. Nevada. Idaho. Washington. Oregon. California.	3.4 .4 1.9 7.7 4.4	$\begin{array}{c} 27.0\\ 24.1\\ 38.1\\ 0.0\\ 25.2\\ 0.0\\ 0.0\\ 31.9\\ 23.9\\ 43.7 \end{array}$	$\begin{array}{c} 67.\ 4\\ 78.\ 3\\ 81.\ 2\\ 85.\ 5\\ 57.\ 4\\ 79.\ 4\\ 63.\ 3\\ 82.\ 0\\ 76.\ 1\\ 82.\ 4\\ 73.\ 2\end{array}$	$\begin{array}{c} 25.\ 6\\ 17.\ 9\\ 16.\ 8\\ 6.\ 8\\ 18.\ 2\\ 19.\ 1\\ 20.\ 3\\ 13.\ 5\\ 19.\ 7\\ 13.\ 0\\ 21.\ 3\end{array}$	$\begin{array}{c} 7.0\\ 3.8\\ 2.0\\ 7.7\\ 24.4\\ 1.5\\ 16.4\\ 4.5\\ 4.2\\ 4.6\\ 5.5\end{array}$	$\begin{array}{c} 100.\ 17\\ 26.\ 11\\ 66.\ 60\\ 13.\ 78\\ 104.\ 54\\ 30.\ 00\\ 19.\ 31\\ 12.\ 15\\ 72.\ 76\\ 48.\ 10\\ 77.\ 27\\ \end{array}$	$188. 2 \\ 171. 5 \\ 139. 3 \\ 92. 1 \\ 138. 7 \\ 74. 5 \\ 196. 5 \\ 116. 4 \\ 149. 3 \\ 132. 7 \\ 160. 5 \\ 160. 5 \\ 160. 5 \\ 160. 5 \\ 160. 5 \\ 160. 5 \\ 100$	$\begin{array}{c} .8\\ .8\\ 2.4\\ 23.6\\ 4.5\\ 1.2\\ .8\\ 1.1\\ .5\\ 1.1\\ 1.1\end{array}$	$\begin{array}{c} 6.7\\ 7.8\\ 7.1\\ 30.9\\ 30.9\\ 4.6\\ 7.0\\ 5.7\\ 3.9\\ 3.4\\ 8.1 \end{array}$	$\begin{array}{c} 10.\ 4\\ 21.\ 2\\ 13.\ 9\\ 16.\ 3\\ 11.\ 1\\ 4.\ 7\\ 22.\ 9\\ 15.\ 4\\ 11.\ 5\\ 9.\ 5\\ 14.\ 6\end{array}$	$\begin{array}{c} 10.\ 2\\ 9.\ 4\\ 22.\ 5\\ 31.\ 9\\ 16.\ 8\\ 35.\ 1\\ 12.\ 6\\ 11.\ 3\\ 27.\ 0\\ 32.\ 3\\ 24.\ 5\end{array}$	$\begin{array}{c} 22.\ 3\\ 23.\ 9\\ 24.\ 7\\ 30.\ 6\\ 25.\ 6\\ 21.\ 3\\ 28.\ 6\\ 25.\ 3\\ 26.\ 3\\ 22.\ 8\end{array}$

\* Including Mongolians and Indians.

<sup>b</sup> Less cost of raw material.

#### TABLE 3.-School ages in the several States-State school censuses.

	Age for			Sc	hool censu	IS.		
State or Territory.	free at- tendance at the	Age for compul- sory at- tend-	Date of latest school	Age of persons	Number of persons enumer- ated.			
	public schools.	ance.a	census reported.	enumer- ated.	Boys.	Girls.	Total.	
1	2	3	4	5	6	7	8	
North Atlantic Division: Maine. New Hampshire. Vermont. Massachusetts. Rhode Island. Connecticut. New York. New York. New York. New York. South Atlantic Division: Delaware. Maryland. District of Columbia. Virginia. West Virginia. North Carolina. South Carolina. Georgia. Florida. South Carolina. Georgia. Florida. South Carolina. Georgia. Florida. South Carolina. Georgia. Florida. South Carolina. Georgia. Florida. North Carolina. Mississippi. Louisiana. Texas. Arkansas. Oklahoma. Indiana. Illinois Michigan. Wisconsin. Minnesota. Iowa. Missouri. Noth Dakota. South Dakota. Nobraska. Kansas. Western Division: Montana.	$\begin{array}{c} 5-21\\ (b)\\ (b)\\ (b)\\ (b)\\ (c)\\ (b)\\ (c)\\ (c)\\ (c)\\ (c)\\ (c)\\ (c)\\ (c)\\ (c$	$\begin{array}{c}$	1905 1904 1905 1905 1905 1905 1905 1905 1905 1904 1902 1904 1904 1905 1904 1903 1900 1903 1900 1903 1905 1905 1905 1905 1905 1905 1905 1905	$\begin{array}{c} 5-21\\ 5-16\\ 5-18\\ 5-15\\ 5-15\\ 5-15\\ 5-15\\ 5-18\\ 5-18\\ 6-16\\ 6-21\\ 5-20\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 5-21\\ 6-21\\ 6-21\\ 5-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 5-21\\ 6-21\\$	35, 221 39, 512 254, 139 47, 787 892, 618 268, 485 17, 999 728, 703 171, 730 354, 767 354, 767 354, 767 354, 767 354, 767 354, 767 354, 767 364, 767 364, 767 364, 767 364, 767 364, 767 364, 764 374, 545 236, 274 407, 271 263, 306 396, 448 734, 534 374, 535 374, 535 375, 535 374, 535 375, 535, 535, 535, 535, 535, 535, 535,	35, 134 38, 704 259, 017 47, 590 904, 620 260, 598 17, 016 7 31, 058 161, 132 340, 525 340, 525 341, 855 291, 332 381, 255 343, 850 223, 332 391, 404 254, 706 102, 895 76, 501 611, 424 372, 248 366, 697 355, 630 403, 035 61, 114 472, 924 64, 906 31, 810	207, 284 70, 355 78, 216 95, 377 217, 931 1, 797, 238 35, 015 370, 892 599, 083 1, 004, 728 35, 015 370, 892 599, 761 578, 320 0332, 862 696, 622 703, 133 182, 600 595, 587 7772, 894 679, 050 628, 395 598, 675 518, 652 211, 616 156, 416 156, 416 155, 082 743, 184 773, 857 718, 782 998, 727 718, 782 918 918 918 918 918 918 918 918 918 918	
W yoming. Colorado. New Mexico. Arizona Utah. Nevada Idaho. Washington. Oregon.	6-21 6-21 5-21 6-18 6-18 5-21 6-21 4-21 4-21 4-21	$7-16 \\ 8-14 \\ 7-14 \\ 8-14 \\ 8-14 \\ 8-14 \\ 8-14 \\ 8-15 \\ 6-14 \\ 8-15 \\ 6-14 \\ 8-14 \\ 8-15 \\ 6-14 \\ 8-14 \\ 8-14 \\ 8-15 \\ 6-14 \\ 8-14 \\ 8-14 \\ 8-14 \\ 8-14 \\ 8-15 \\ 8-14 \\ $	$     \begin{array}{r}       1905 \\       1905 \\       1905 \\       1904 \\       1904 \\       1904 \\       1905 \\       1905 \\       1905 \\       1905 \\       1905   \end{array} $	$\begin{array}{c} 6-21 \\ 6-21 \\ 5-21 \\ 6-18 \\ 6-18 \\ 5-21 \\ 5-21 \\ 5-21 \\ 4-20 \\ 4-20 \end{array}$	$\begin{array}{c} 10,074\\ 92,656\\ 36,602\\ 14,999\\ 45,939\\ 4,851\\ 36,584\\ 104,905\\ 77,390\\ 010,050\\ 77,390\\ 010,050\\ 010,00$	$\begin{array}{c} 9,823\\ 91,423\\ 33,317\\ 14,291\\ 45,743\\ 4,579\\ 35,442\\ 102,194\\ 75,540\end{array}$	$\begin{array}{c} 19,897\\ 184,079\\ 69,919\\ 29,290\\ 91,682\\ 9,430\\ 72,026\\ 207,099\\ 152,930\\ 312\\ 322\\ 323\\ 333\\ 333\\ 333\\ 333\\ 333$	
California	<i>i</i> 6–21	8-14	1905	5-17	212, 859	206, 456	419, 315	

a The compulsory period here given is in many cases extended or shortened under certain circuma The compulsory period here given is in many cases esstances. b Not limited by law, c State census of 1905, d No compulsory law, c Applies only to Baltimore city and Allegany County, f Estimated for 1904. 9 No State school census. R Returns imperfect. 4 May be extended.

State or Territory.	during	of differ g the scho ments).	ent pupils ool year (e	of all ages	enrolled duplicate	(i. e.	ent of , of ch ge) enr	ildren	l pop 5 to 1	ulation 8 years
·	1870–71.	1879-80.	1889-90.	1899-1900.	1904–5.	1870- 71.	1879- 80.	1889- 90.	1899– 1900.	1904–5.
1	2	3	4	5	6	7	8	9	10	11
United States	7,561,582	9, 867, 505	12, 722, 581	15, 503, 110	16, 468, 300	61.45	65.50	68.61	72.43	70.35
North Atlantic Div. South Atlantic Div South Central Div North Central Div Western Division	603, 619 767, 839	1,242,811 1,371,975 4,033,828	1,785,486 2,293,579	$\begin{array}{c} 3, 643, 949 \\ 2, 182, 615 \\ 3, 018, 609 \\ 5, 842, 569 \\ 815, 368 \end{array}$	3,321,852	77.95 30.51 34.17 76.87 54.77	75.1750.7446.4375.84 $64.96$	60.14	70.86 65.73 67.28 78.65 79.51	$\begin{array}{c} 69.88\\ 65.02\\ 65.15\\ 74.04\\ 86.41 \end{array}$
N. Atlantic Div.: Maine N. Hampshire Vermoni Massachusetts Rhode Island Connecticut New York New Jersey Pennsylvania S. Atlantic Div.:	169,430	75,238 306,777 40,604 119,694 1,031,593 204,961	126,505 1,042,160 234,072	65,688 65,964 474,891 67,231 155,228 1,209,574 322,575	$132,448 \\ 77,922 \\ 66,721 \\ 497,904 \\ 71,425 \\ 168,779 \\ 1,311,108 \\ 369,409 \\ 1,209,908 \\$	a87.35 91.31 72.34 a59.24 80.83 82.98 63.20 76.35	$\begin{array}{c} 89.80\\ 81.32\\ 87.21\\ 71.76\\ 59.59\\ 76.97\\ 77.10\\ 64.77\\ 74.37\end{array}$	62.65 72.02	$\begin{array}{c} 81.38\\73.98\\82.15\\76.21\\66.79\\74.54\\69.57\\68.52\\68.90\end{array}$	$\begin{array}{c} 80.\ 42\\ 84.\ 15\\ 81.\ 76\\ 72.\ 55\\ 64.\ 69\\ 74.\ 39\\ 69.\ 37\\ 70.\ 29\\ 66.\ 83\end{array}$
Delaware Maryland. Dist. Columbia. Virginia. West Virginia. North Carolina. South Carolina. Georgia. Florida.	$\begin{array}{c} 20,058\\ 115,683\\ 15,157\\ 131,088\\ 76,999\\ a115,000\\ 66,056\\ 49,578\\ 14,000\end{array}$	$\begin{array}{c} 162.\ 431\\ 26,\ 439\\ 220,\ 736\\ 142,\ 850\\ 252,\ 612\\ 134,\ 072\\ 236,\ 533\end{array}$	$184, 251 \\ 36, 906 \\ 342, 269 \\ 193, 064 \\ 322, 533 \\ 201, 260 \\ 381, 297$	$\begin{array}{c} 222,373\\ 46,519\\ 370,595\\ 232,343\\ 400,452\\ 281,891\\ 482,673\end{array}$	$\begin{array}{c} 226,825\\ 51,230\\ 361,772\\ 247,505\\ 474,111\\ 302,663\\ 499,103\\ \end{array}$	50.0446.7041.6032.3449.47 $a31.2327.2811.8921.21$	58.13 55.40 45.00 69.21 55.87 40.56	75.27 56.39 47.08 58.45	67.00 76.81 63.19 78.58 63.55 60.74 65.30	$\begin{array}{c} 64.50 \\ 77.85 \\ 58.56 \\ 75.95 \\ 70.14 \\ 60.92 \\ 63.18 \end{array}$
S. Central Div.: Kentucky Alabama Mississippi Louisiana Texas Arkansas Oklahoma Indian Ter.h.	a140,000 141,312 117,000 57,639 63,504 69,927	300, 217 179, 490 236, 654 77, 642 a220, 000 81, 972	$\begin{array}{r} 447,950\\301,615\\334,158\\120,253\\466,872\end{array}$	$\begin{array}{r} 485,354\\376,423\\386,507\\196,169\\659,598\end{array}$	$\begin{array}{c} 508, 423\\ g\ 400, 000\\ f\ 403, 647\\ 210, 116\\ 756, 019\\ 335, 765\\ 158, 322\end{array}$	40.36 40.60 24.78 21.00 40.29	58.21 42.60 61.29 25.87 a42.40 30.81		75.0961.6773.2743.6264.67	60.33 <i>f</i> 72.84 42.66 65.40 70.84
N. Central Div.: Ohio Indiana Michigan Wisconsin. Minnesota Iowa. North Dakota South Dakota Nebraska. Kansas	719, 372 450, 057 672, 787 292, 466 265, 285 113, 983 341, 938 330, 070 } a 1, 660	729, 499 511, 283 704, 041 362, 556 299, 457 180, 248 426, 057 482, 986 13, 718 92, 549	$\begin{cases} 427,032\\ 351,723\\ 280,960\\ 493,267\\ 620,314\\ \{ 35,543\\ 78,043\\ 240,300 \end{cases}$	399, 207 566, 223 719, 817 77, 686 98, 822 288, 227	$\begin{array}{c} 826,148\\ 550,121\\ 985,134\\ 521,463\\ 465,114\\ 430,005\\ 540,337\\ 728,800\\ 106,909\\ 109,131\\ 278,715\end{array}$	84.04 78.64 81.01 79.66 73.92 75.92 84.44 56.03 }a39.26 58.79	74.61 78.08 73.78 75.87 83.52 68.85 41.68 68.48	79.2171.9773.4569.7774.5985.5174.43 $71.2681.0475.35$	$\begin{array}{c} 81.10\\ 72.68\\ 77.13\\ 72.51\\ 77.59\\ 89.06\\ 78.63\\ 81.26\\ 79.49\\ 89.50\end{array}$	$\begin{array}{c} 70.98\\ 74.23\\ 67.67\\ 75.39\\ 69.45\\ 74.22\\ 79.30\\ 74.50\\ 93.13\\ 82.37\\ 86.57\end{array}$
Western Div.: Montana. Wyoming. Colorado. New Mexico. Arizona. Utah. Nevada. Idaho. Washington. Oregon. California.	$\begin{array}{c c} & 4,357\\ a1,320\\ & 0\\ 16,992\\ & 3,106\\ & 906\\ a5,000\\ & 21,000\end{array}$	$\begin{array}{c} 22, 119 \\ 4, 755 \\ 4, 212 \\ 24, 326 \\ 9, 045 \\ 5, 834 \\ 14, 780 \\ 37, 533 \end{array}$	$\begin{array}{c} 7,052\\ 65,490\\ 18,215\\ 7,989\\ 37,279\\ 7,387\\ 14,311\\ 55,964\\ 63,254\end{array}$	$\begin{array}{c c} 14,512\\ 117,555\\ 36,735\\ 16,504\\ 73,042\\ 6,676\\ 36,669\\ 115,104\\ 89,405\end{array}$	$18,345 \\ 137,918 \\ 37,670 \\ 21,792 \\ d75,662 \\ d7,319 \\ 57,377 \\ 170,386 \\ 108,036 \\ \end{array}$	$\begin{array}{r} 42.28\\ a4.42\\ 0.00\\ 53.36\\ 53.97\\ 46.06\\ a69.00\\ 67.73\end{array}$	77.44 60.82 13.32 53.16 50.61 79.73 77.85 72.36	54.4672.2042.2552.7255.2673.80 $62.66$	$\begin{array}{c} 65.66\\ 88.19\\ 61.43\\ 51.94\\ 81.02\\ 74.06\\ 79.18\\ 87.86\\ 82.13\end{array}$	71.46 92.62 57.81 60.10 d76.61 d81.20 101.02 112.54 88.92

TABLE 4.—Number of pupils carolled in the common schools at different dates and the relation of the enrollment to the school population.

a Approximate. b Pupils of legal school age only. c ln 1899-1900. d In 1903-4.

e Highest number enrolled.
f In 1902-3.
g Estimated by State superintendent.
h Returns imperfect.

#### STATE SCHOOL SYSTEMS.

	Г	North	South	South	North	
Year.	United	Atlantic	Atlantic	Central	Central	Western
i cai.	States.	Division.	Division.	Division.	Division.	Division.
1870-71	61.45	77.95	30.51	34.17	76.87	54.77
1871-72	62.20	77.33	32.27	37.94	77.04	54.43
1872-73	• 62.36	76.79	35.86	38.67	75.97	57.52
1873-74	64.40	77.77	42.10	40.82	76.98	61.04
1874-75	65.54	78.59	44.61	42.47 37.36	77.54	64.39
1875-76	64.70	78.55	46.72		77.05	66.37
1876-77	$63.92 \\ 65.75$	76.83	47.02 48.85	$38.51 \\ 43.50$	75.60 77.38	66.12
1877-78.	64.64	76.18	48.80	43.50	75.28	66.26 65.63
1878–79 1879–80	65.50	75.17	50.74	46.43	75.84	64.96
1879–80 1880–81	65.03	74.28	51,49	47.03	74.59	64.82
1881-82	65.03	74.56	51.90	47.02	74.15	65.93
1882-83.	66.39	74.15	54.30	50.68	75, 13	67.05
1883-84	66.96	72.83	56,25	53, 59	75.06	68.01
1884-85	67,96	73.23	57.17	56.57	75.46	68.53
1885-86	68.14	72.63	57.68	56.82	76.08	68.03
1886-87.	67.98	72.23	58.98	56.21	75.77	67.97
1887-88	68.33	71.60	58.68	58.67	75.96	68.53
1888-89	68.20	70.60	58.40	58.28	76.63	69.39
1889-90	68.61	70.45	59.22	60.14	76.46	70.01
1890–91	69.40	70.04	60.15	63.01	76.25	75.49
1891-92	69.51	69.78	59.50	63.72	76.30	77.98
1892-93	69.70	68.99	61.94	63.92	76.23	77.16
1893-94	71.32	70.45	63.08	66.00	78.04	77.45
1894-95	71.54	71.53	62.21	65.83	78.17	79.32
1895–96 1896–97	71.80 72.36	71.57 72.12	62.46 64.49	66.75 67.75	78.16 78.06	79.72 78.27
1896–97 1897–98	72.30	72.12	66.25	67.36	78.00	78.00
1898–99	71.96	71.69	64,93	66.54	77.75	77.8
1899–1900	72.43	70.86	65.73	67.28	78.65	79.51
1900–1901	71.67	70.71	66.65	65.22	77.36	80.69
1901-2	71.45	70.31	66.55	65.12	76.85	82.49
1902–3 <i>a</i>	70.67	69.84	65.99	64.60	75.49	82.46
1903-4 a	70, 59	69.89	66.01	64.66	74.82	84, 95
1904-5 a	70.35	69.88	65.02	65.15	74.04	86. 41

#### TABLE 5.—Per cent of the school population (i. e., children 5 to 18 years of age) enrolled in the public schools, for a period of years.

a Subject to correction.

State or Beniterra		f different p ages enrolled		Per cent of the total population cnrolled.					
State or Territory.	Boys.	Girls,	Total.	1870-71.	1879–80.	1889-90.	1899- 1900.	1904–5.	
1	2	3	4	5	6	7	8	9	
United States	a 8, 266, 855	a 8, 201, 445	16, 468, 300	19.14	19.67	20.32	20.51	19.94	
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	a 1, 142, 393 a 1, 663, 320		$\begin{array}{r} 3,905,624\\ 2,322,740\\ 3,321,852\\ 5,923,472\\ 994,612 \end{array}$	$\begin{array}{r} 21.95 \\ 10.05 \\ 11.56 \\ 24.80 \\ 13.99 \end{array}$	$\begin{array}{r} 20.\ 20\\ 16.\ 36\\ 15.\ 38\\ 23.\ 23\\ 16.\ 32 \end{array}$	$     \begin{array}{r}       17.89 \\       20.16 \\       20.90 \\       22.43 \\       17.03     \end{array} $	$17.31 \\ 20.90 \\ 22.05 \\ 22.19 \\ 19.93$	$     \begin{array}{r}       17.08 \\       20.67 \\       21.38 \\       20.89 \\       21.79     \end{array} $	
North Atlantic Division: Maine New Hampshire Massachusetts. Rhode Island Connecticut New York Pennsylvania South Atlantic Division:	33, 647 35, 903 658, 229 186, 761 604, 495	33,074 35,522 652,879 182,648 605,413	$132, 448 \\77, 922 \\66, 721 \\497, 904 \\71, 425 \\168, 779 \\1, 311, 108 \\369, 409 \\1, 209, 908 \\$	24.25 22.41 b 19.77 18.31 15.11 20.83 23.18 18.26 23.24	$\begin{array}{c} 23.09\\ 18.54\\ 22.64\\ 17.20\\ 14.69\\ 19.22\\ 20.30\\ 18.12\\ 21.89\end{array}$	21.13 15.89 b 19.74 16.59 15.27 16.95 17.37 16.20 19.41	$18.85 \\ 15.96 \\ 19.20 \\ 16.93 \\ 15.69 \\ 17.09 \\ 16.64 \\ 17.12 \\ 18.28 $	$18.64 \\ 17.69 \\ 19.10 \\ 16.12 \\ 15.19 \\ 17.06 \\ 16.59 \\ 17.57 \\ 17.73 \\$	
Delaware Maryland District of Co.umbia. Virginia West Virginia North Caro ina South Carolina Georgia Florida	24, 231		c 36, 895 226, 825 51, 230 361, 772 247, 505 474, 111 302, 663 499, 103 d 122, 636	$\begin{array}{c} 15.79\\ 14.55\\ 11.23\\ 10.47\\ 16.85\\ 10.45\\ 9.05\\ 4.08\\ 7.19\end{array}$	$\begin{array}{c} 18.98\\ 17.37\\ 14.88\\ 14.59\\ 23.10\\ 18.05\\ 13.46\\ 15.34\\ 14.59\end{array}$	$\begin{array}{c} 18.\ 66\\ 17.\ 68\\ 16.\ 02\\ 20.\ 67\\ 25.\ 31\\ 19.\ 93\\ 17.\ 49\\ 20.\ 75\\ 23.\ 63\\ \end{array}$	$\begin{array}{c} 19.98\\ 18.72\\ 16.69\\ 19.99\\ 24.23\\ 21.14\\ 21.03\\ 21.78\\ 20.60\\ \end{array}$	c 19.98 17.99 16.91 18.53 23.42 23.34 21.09 21.08 d 21.02	
South Central Division: Kentucky. Tennessee. Alabama. Mississippi. Louisiana. Texas. Arkansas. Oklahoma. Indian Territory k	103,554 378,591 169,683	$250,961 \\ 252,367 \\ \hline 204,243 \\ 106,562 \\ 377,428 \\ 166,082 \\ 76,782 \\ \hline \end{cases}$	e f 501, 482 508, 423 g 400, 000 e 403, 647 210, 116 756, 019 335, 765 158, 322 48, 078	$13.21 \\ 10.90 \\ 13.85 \\ 13.70 \\ 7.73 \\ 7.26 \\ 13.72 \\ \dots$	$16.74 \\ 19.46 \\ 14.22 \\ 20.91 \\ 8.26 \\ 13.82 \\ 10.21$	$\begin{array}{c} 21.50\\ 25.34\\ 19.93\\ 25.92\\ 10.75\\ 20.88\\ 19.77\\ \end{array}$	$\begin{array}{c} 23.30 \\ 24.02 \\ 20.59 \\ 24.92 \\ 14.20 \\ 21.64 \\ 23.99 \\ 25.01 \end{array}$	ef22.48 23.68 20.14 e24.77 13.89 21.88 23.93 28.36 9.65	
North Central Division: Ohio Indiana. Illinois. Michigan Wisconsin. Minnesota. Iowa. North Dakota. Sonth Dakota. Nebraska. Kansas.	423,075 277,371 497,687 261,879 	403,073 272,750 487,447 259,584 	$\begin{array}{c} 826, 148\\ 550, 121\\ 985, 134\\ 521, 463\\ 465, 114\\ 430, 005\\ 540, 337\\ 728, 800\\ 106, 909\\ 109, 131\\ 278, 715\\ 381, 595\end{array}$	$\left.\begin{array}{c} 26.50\\ 26.34\\ 25.99\\ 23.98\\ 24.60\\ 24.47\\ 28.19\\ 18.74\\ 9.34\\ 16.61\\ 22.28\end{array}\right.$	$\begin{array}{c} 22.81\\ 25.85\\ 22.88\\ 22.15\\ 22.76\\ 23.09\\ 26.23\\ 22.27\\ 10.15\\ 20.46\\ 23.23\end{array}$	$\begin{array}{c} 21.72\\ 23.40\\ 20.34\\ 20.39\\ 20.85\\ 21.58\\ 25.80\\ 23.15\\ \{19.45\\ 23.74\\ 22.69\\ 27.98\end{array}$	$19.94 \\ 22.44 \\ 19.89 \\ 20.86 \\ 21.51 \\ 22.79 \\ 25.37 \\ 23.17 \\ 24.60 \\ 27.03 \\ 26.49 \\$	$18,78 \\ 20,54 \\ 18,52 \\ 20,39 \\ 20,61 \\ 21,81 \\ 22,59 \\ 21,95 \\ 27,90 \\ 25,48 \\ 26,09 \\ 24,11 \\ 11$	
Western Division: Montana. Wyoming. Colorado. New Mexico. Arizona. Utah. Nevada. Idaho. Washington. Oregon. California.	11,275 38,008 3,636 28,492 86,758	$\begin{array}{r} 9,132\\ 16,769\\ 10,517\\ 37,654\\ 3,683\\ 28,885\\ 83,628\\ 53,668\\ 154,045\end{array}$	$ \begin{smallmatrix} e & 44, 881 \\ 18, 345 \\ 137, 918 \\ 37, 670 \\ 21, 792 \\ d & 75, 662 \\ d & 7, 319 \\ 57, 377 \\ 170, 386 \\ 108, 036 \\ 315, 226 \end{smallmatrix} $	$\begin{array}{c} 7.54\\ 4.55\\ 9.33\\ 1.40\\ 0.00\\ 18.61\\ 7.04\\ 5.59\\ 18.62\\ 21.63\\ 15.61\end{array}$	$\begin{array}{c} 10.90\\ 13.98\\ 11.38\\ 3.98\\ 10.42\\ 16.90\\ 14.53\\ 17.89\\ 19.68\\ 21.47\\ 18.36\end{array}$	$\begin{array}{c} 12.85\\ 11.62\\ 15.89\\ 11.86\\ 13.40\\ 17.93\\ 16.14\\ 16.96\\ 16.02\\ 20.16\\ 18.36 \end{array}$	$\begin{array}{c} 16.\ 20\\ 15.\ 68\\ 21.\ 78\\ 18.\ 81\\ 13.\ 42\\ 26.\ 39\\ 15.\ 77\\ 22.\ 67\\ 22.\ 22\\ 21.\ 62\\ 18.\ 16 \end{array}$	$\epsilon$ 16.20 17.07 22.87 17.70 15.53 d 24.96 d 17.29 28.92 28.47 23.42 19.45	

 TABLE 6.—The school enrollment of 1904-5, classified by sex—Percentage of the total population enrolled at different dates.

a Estimated in part. b Pupils of legal school age. c In 1899-1900. d In 1903-4.

e In 1902-3. f Approximate. g Estimated by State superintendent. h Returns imperfect.

23 ALTENC: . . VINE THE STATE 404

TABLE 7.—The	average daily	attendance of	at various	periods,	and	its relation	in 1904-5 to
		the e	enrollment				

	Average	number of	pupils actua each day.	lly present a	t sehool	Number attend- ing daily
State or Territory.	1870–71.	1879-80.	1889-90.	1899–1900.	1904–5.	for each 100 en- rolled in 1904-5.
1	2	3	4	5	6	7
United States	4, 545, 317	6, 144, 143	8, 153, 635	10,632,772	11, 481, 531	69.72
North Atlantic Division South Atlantic Division Sonth Central Division Worth Central Division Western Division	$\begin{array}{c} 1,627,208\\ 368,111\\ 535,632\\ 1,911,720\\ 102,646 \end{array}$	1,824,487776,798902,7672,451,167188,924	$\begin{array}{c} 2,036,459\\ 1,126,683\\ 1,467,649\\ 3,188,732\\ 334,112 \end{array}$	$\begin{array}{c} 2,636,892\\ 1,344,334\\ 2,015,457\\ 4,080,460\\ 555,629 \end{array}$	$\begin{array}{c} 2,963,751\\ 1,458,923\\ 2,075,832\\ 4,269,083\\ 713,942 \end{array}$	75.8862.8262.5072.0571.78
North Atlantic Division: Maine. New Hampshire. Vermont. Massachusetts. Rhode Island. Connecticut. New York. New Jersey. Pennsylvania. South Atlantic Division: Delaware. Maryland. District of Columbia. Virginia. West Virginia. West Virginia. North Carolina. South Carolina. Georgia. Florida. South Carolina. Georgia. Florida. South Central Division: Kentucky. Tennessee. Alabama. Mississippi. Louisiana. Texas. Oklahoma. Louisiana. Texas. Oklahoma. Louisiana. Texas. Columbia. Maryland. Maryland. Mississippi. Louisiana. Texas. Oklahoma. Data Controlina. Controlina. Controlina. Mississippi. Controlina. Con	$\begin{array}{c} 100, 392\\ 48, 150\\ a \ 44, 100\\ 201, 750\\ 22, 485\\ 62, 683\\ 493, 648\\ 86, 812\\ 567, 188\\ a \ 12, 700\\ 56, 435\\ 10, 261\\ 77, 402\\ 51, 336\\ a \ 73, 060\\ a \ 44, 700\\ 31, 377\\ a \ 10, 900\\ 120, 866\\ a \ 89, 000\\ 107, 666\\ a \ 90, 000\\ a \ 40, 500\\ a \ 41, 900\\ a \ 46, 600\\ \end{array}$	$\begin{array}{c} 103,115\\ 48,966\\ 48,606\\ 233,127\\ 27,217\\ 73,546\\ 6573,089\\ 115,194\\ 601,627\\ 17,439\\ 85,778\\ 20,637\\ 128,404\\ 91,604\\ 170,100\\ a90,600\\ 145,190\\ 27,046\\ 178,000\\ 208,528\\ 117,978\\ 156,761\\ 154,800\\ a132,000\\ a342,000\\ a54,700\\ \end{array}$	$\begin{array}{c} 98,364\\ 41,526\\ 45,887\\ 273,910\\ 33,905\\ 83,656\\ 642,984\\ 133,286\\ 682,941\\ 19,649\\ 102,351\\ 198,290\\ 121,700\\ 123,184\\ 198,290\\ 121,700\\ 203,100\\ 147,799\\ 240,791\\ 64,819\\ 225,739\\ 323,548\\ 182,467\\ 207,704\\ 87,536\\ 291,941\\ a\ 148,714\\ \end{array}$	$\begin{array}{c} 97, 697\\ 47, 276\\ 47, 226\\ 47, 124\\ 111, 564\\ 857, 488\\ 207, 947\\ 854, 640\\ a \ 25, 300\\ 134, 400\\ a \ 25, 360\\ 134, 400\\ a \ 25, 360\\ 134, 400\\ a \ 25, 300\\ 134, 400\\ a \ 25, 300\\ 336, 566\\ 297, 805\\ 298, 237\\ 75, 003\\ 310, 339\\ 338, 566\\ 297, 805\\ 224, 526\\ 146, 323\\ 438, 779\\ 195, 401\\ 63, 718\\ \end{array}$	97, 845 49, 876 48, 352 404, 117 53, 830 129, 143 996, 433 254, 045 930, 110 $a \ b \ 25, 300$ 138, 911 40, 596 215, 205 163, 068 280, 288 200, 433 215, 205 163, 068 280, 288 200, 433 200, 433 200, 433 200, 433 200, 435 200, 400 200, 435 200, 400 200, 400, 400 20	$\begin{array}{c} 73.87\\ 64.03\\ 72.47\\ 81.16\\ 87.539\\ 76.51\\ 76.69\\ 76.87\\ a\ b\ 68.57\\ 79.24\\ 59.49\\ 65.89\\ 59.12\\ 66.22\\ 62.41\\ c\ 68.19\\ a\ d\ 61.78\\ 68.55\\ 52.50\\ d\ 57.77\\ 60.60\\ 66.37\\ 61.77\\ 61.77\\ 57.00\\ 60.00\\ a\ 60\ 00\\ \end{array}$
Indian Territory f North Central Division: Ohio Indiana Illinois Michigan Wisconsin Minnesota Iowa Missouri North Dakota North Dakota Nebraska Kansas. Western Division: Montana Wyoming Colorado New Mexico Arizona Utah Nevada Idaho Washington Orgon California	$\begin{array}{r} 432, 452\\ 295, 071\\ 341, 686\\ a\ 193, 000\\ a\ 132, 000\\ 50, 694\\ 211, 562\end{array}$	$\begin{array}{c} 476,279\\ 321,659\\ 321,659\\ 431,638\\ a240,000\\ a156,000\\ a56,000\\ a59,836\\ a281,000\\ 8,530\\ 60,156\\ 137,669\\ a3,000\\ 1,920\\ 12,618\\ 3,150\\ 2,847\\ 17,178\\ 5,401\\ 3,863\\ 10,546\\ 27,435\\ 100,966\\ \end{array}$	$\left\{\begin{array}{c} 549, 269\\ 342, 275\\ 538, 310\\ a \ 282, 000\\ 200, 457\\ 127, 025\\ 306, 309\\ 384, 627\\ 126, 069\\ 48, 327\\ 146, 139\\ 243, 300\\ 10, 596\\ a \ 4, 702\\ 20, 967\\ 5, 064\\ 4 \ 9, 500\\ 36, 946\\ 43, 333\\ 146, 589\end{array}\right.$	$\begin{array}{c} 616, 365\\ 429, 566\\ 737, 576\\ 335, 226\\ a 309, 800\\ 243, 224\\ 43, 333, 4/4\\ 400, 012\\ 43, 560\\ a 68, 000\\ 181, 874\\ 201, 783\\ a 26, 300\\ a 9, 650\\ 73, 291\\ 22, 433\\ 10, 177\\ 50, 595\\ 4, 698\\ 21, 962\\ 74, 717\\ 64, 411\\ 197, 395\\ \end{array}$		

a Approximately. b In 1899-1900. c In 1903-4.

d In 1902-3.
e Estimated by State Superintendent.
f Returns imperfect.

TABLE 8.—(1) Average length of school term at various periods; (2) aggregate number of days' schooling given to all pupils; (3) the same compared with the school population and the enrollment (columns 8 and 9).

							e		
State or Territory.	v	Average number of days the schools were kept during the year. <sup>a</sup> Aggregate number of days' school- ing given in 1904-5.		days the schools g the year.a h 1899- 1904-5. h 1904-5. h 1899- 1904-5. h 1890- 1904-5. h 1904-5.		Aggregate sept during the year. <sup>a</sup> anumber of days' school- ing given in 1904-5.		of days' schooling given for	Average number of days attended by each pupil en- rolled in 1904-5.
1	2	3	4	5	6	7	8	9	
United States	132.1	130.3	134.7	144.3	150.9	1,732,845,238	74	105.2	
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	$152 \\ 97.4 \\ 91.6 \\ 133.9 \\ 119.2$	159.292.479.2139.8129.2	$     \begin{array}{r}       166.6 \\       99.9 \\       88.2 \\       148 \\       135     \end{array} $	$175.5 \\ 112.1 \\ 99.8 \\ 155.9 \\ 141.5 \\$	$179 \\ 122.9 \\ 107.6 \\ 160.9 \\ 157.5$	$\begin{array}{c} 530, 379, 324\\ 179, 408, 670\\ 223, 407, 290\\ 687, 203, 055\\ 112, 446, 899 \end{array}$	94.9 50.2 43.8 85.8 97.7	135.8 77.2 67 116 113.1	
North Atlantic Division: Maine. New Hampshire. Vermont. Massachusetts. Rhode Island. Connecticut. New York. New Jersey. Pennsylvania. South Atlantic Division:	169 170 172,4	$\begin{array}{c} 109\\ 105.3\\ 125.5\\ 177\\ 184\\ 179\\ 178.5\\ 192\\ 133.4 \end{array}$	$112 \\ 117.7 \\ 136 \\ 177 \\ 188 \\ 182.5 \\ 186.5 \\ 192 \\ 147.6$	$\begin{array}{c} 141 \\ {}^{*}147.65 \\ 156.15 \\ 189 \\ 191 \\ 189.01 \\ 175 \\ 186 \\ 166.6 \end{array}$	139 152, 45 157 187 194 187, 78 187, 8 188 188 167, 4	$\begin{array}{c} 13,600,455\\7,603,596\\7,591,314\\75,569,879\\10,491,260\\24,250,473\\187,174,648\\48,397,285\\155,700,414\end{array}$	82.682.193110.195106.99992.186	$102.7 \\97.6 \\113.8 \\151.8 \\146.9 \\143.7 \\142.8 \\131 \\128.7$	
Delaware Maryland. District of Columbia Virginia. West Virginia. North Carolina. South Carolina. Georgia. Florida.	93.2 76.8 d 50 d 100	$158 \\ 187 \\ 193 \\ 112.8 \\ 90 \\ 50 \\ 70 \\ d \ 65$	$166 \\ 184 \\ 178 \\ 118.2 \\ 97 \\ 59.25 \\ 69.6 \\ 83.3 \\ 120$	$170.1 \\ 183 \\ 179 \\ 120 \\ 106 \\ 70.5 \\ 88.4 \\ 112 \\ 93$	<sup>b</sup> 170. 1 192 181 128 123 94. 5 105. 7 c118 e108	$\begin{smallmatrix} b & 4, 303, 530 \\ 26, 670, 912 \\ 7, 347, 876 \\ 27, 546, 240 \\ 20, 057, 364 \\ 26, 484, 988 \\ 21, 188, 335 \\ d & 36, 755, 700 \\ e9, 053, 731 \end{smallmatrix}$	$\begin{array}{c} b \ 87. \ 9 \\ 75. \ 8 \\ 111. \ 7 \\ 44. \ 5 \\ 61. \ 5 \\ 39. \ 2 \\ 42. \ 6 \\ 45. \ 8 \\ e \ 50. \ 2 \end{array}$	$\begin{array}{c} b \ 116.\ 6\\ 117.\ 6\\ 143.\ 4\\ 76.\ 1\\ 81\\ 55.\ 9\\ 70\\ 73.\ 6\\ e\ 73.\ 8\end{array}$	
South Central Division: Kentucky. Tennessee Alabama. Mississippi. Louisiana. Texas. Arkansas. Oklahoma. Indian Territory 9.	d77 66.5 110 d65 d 140		94 86 73.5 d 86 100.6 100 d 75	$117.5 \\ 96 \\ 78.3 \\ 101.2 \\ 120 \\ 108.2 \\ 77.5 \\ 95.3 \\$	cd 90 113 f 102. 5 c 123 c 130 112 88 104 115	$ \begin{smallmatrix} c & 27, 885, 240 \\ & 39, 401, 744 \\ d & 21, 525, 000 \\ c & 28, 680, 525 \\ d & 19, 010, 420 \\ & 55, 947, 489 \\ & 18, 254, 720 \\ & 9, 384, 752 \\ d & 3, 317, 400 \end{smallmatrix} $	c d 40. 3 57. 3 32. 5 c 51. 8 38. 6 48. 4 38. 5 53. 7 19. 5	c d 55.6 77.5 53.8 71.1 90.5 74 54.4 59.3 69	
North Central Division: Ohio Indiana. Illinois. Michigan Wisconsin. Minnesota. Iowa. Missouri. North Dakota. South Dakota. Nebraska. Kansas.	$ \begin{array}{c} 165 \\ 98.5 \\ 146.7 \\ 140 \\ 155 \\ a 83 \\ 130 \\ 90 \\ a 75 \\ 72 \\ \end{array} $	$152 \\ 136 \\ 150 \\ 150 \\ 165 \\ 94 \\ 148 \\ d 104 \\ d 96 \\ 82 \\ \cdot 120$	$\begin{array}{c} 166.5\\ 130\\ 155.4\\ 156\\ 128\\ 156\\ 128\\ 156\\ 129.4\\ 113\\ 145\\ 140\\ 135\\ \end{array}$	165 152 152 163.8 h160 169 160 144 155.7 j129.1 135 126.25	$\begin{array}{c} 160\\ 160\\ 169\\ 168\\ {}^i169\\ 161.1\\ 160\\ 152\\ 141\\ 140\\ 170.2\\ 145\\ \end{array}$	$\begin{array}{c} 99,793,120\\ 66,499,520\\ 137,538,098\\ 68,540,136\\ d\;49,155,567\\ 45,182,638\\ 60,090,080\\ 70,516,474\\ 9,572,358\\ 10,531,346\\ 31,518,788\\ 38,284,930\\ \end{array}$	$\begin{array}{c} 85.7\\ 89.7\\ 99.4\\ 5\\ 99.1\\ 73.4\\ 78\\ 88.2\\ 72.1\\ 83.4\\ 79.4\\ 97.8\\ 81.5\\ \end{array}$	$\begin{array}{c} 120.8\\ 120.8\\ 120.8\\ 139.6\\ 131.4\\ 105.6\\ 105.1\\ 111.2\\ 96.8\\ 89.5\\ 96.5\\ 113.1\\ 100.3 \end{array}$	
Western Division: Montana. Wyoming. Colorado. New Mexico. Arizona Utah. Nevada. Idaho. Washington. Oregon. California.	$\begin{array}{c} d \ 200 \\ 92 \\ d \ 111 \\ 0 \\ 152 \\ 142 \\ d \ 45 \\ d \ 80 \\ d \ 90 \end{array}$	96 119 d 132 111 109 128 143 94 d 91 90 146.6	$\begin{array}{c} 142.7\\ d120\\ 144.4\\ d67\\ 126\\ 133\\ 140\\ d69.8\\ 97.2\\ 118.2\\ 157.6\end{array}$			$ \begin{smallmatrix} c \ d \ 3, 367, 397 \\ 1, 715, 708 \\ d \ 14, 572, 325 \\ 2, 930, 370 \\ 1, 896, 819 \\ e \ 8, 566, 004 \\ e \ 822, 383 \\ d \ 5, 540, 368 \\ 19, 918, 798 \\ d \ 12, 373, 257 \\ d \ 40, 713, 470 \\ \end{smallmatrix} $	c d 54.5 66.8 97.9 44.9 52.3 e 87 e 91.2 97.5 131.6 101.8 110	$\begin{array}{c} cd75\\ 93.5\\ 105.7\\ 77.8\\ 87\\ e113.6\\ e112.4\\ 96.6\\ 116.9\\ 114.5\\ 129.2 \end{array}$	

a Certain States report their school term in months; these months have been reduced to days by b In 1899-1900.
c In 1902-3.
d Approximately.

e In 1903–4. f In 1901–2. g Returns imperfect. h In 1893–94. i In 1900–1901. j In 1897–98.

#### STATE SCHOOL SYSTEMS.

	Aver	Average length of school term, in days.						Average number of days schooling given for every child 5 to 18 years of age.				
Year.	The United States.	North Atlantic Di- vision.	South Atlantic Di- vision.	South Central Di- vision.	North Central Di- vision.	Western Division.	The United States.	North Atlantic Di- vision.	South Atlantic Di- vision.	South Central Di- vision.	North Central Di- vision.	Western Division.
$\begin{array}{c} 1870-71\\ 1870-72\\ 1871-72\\ 1872-73\\ 1872-74\\ 1873-74\\ 1873-74\\ 1875-76\\ 1875-76\\ 1875-77\\ 1875-78\\ 1877-78\\ 1877-78\\ 1887-80\\ 1880-81\\ 1880-81\\ 1880-81\\ 1880-81\\ 1880-81\\ 1880-81\\ 1880-82\\ 1880-82\\ 1880-82\\ 1880-82\\ 1880-82\\ 1880-82\\ 1880-82\\ 1880-82\\ 1880-82\\ 1880-82\\ 1880-82\\ 1880-82\\ 1880-82\\ 1880-82\\ 1880-82\\ 1880-82\\ 1880-90\\ 1880-$	$\begin{array}{c} 132, 1\\ 133, 4\\ 129, 1\\ 128, 8\\ 130, 4\\ 133, 1\\ 132, 1\\ 132, 1\\ 132, 0\\ 130, 2\\ 130, 3\\ 130, 1\\ 131, 2\\ 129, 8\\ 129, 1\\ 130, 7\\ 130, 4\\ 131, 3\\ 132, 3\\ 133, 7\\ 130, 4\\ 131, 3\\ 133, 7\\ 144, 3\\ 133, 9\\ 133, 9\\ 133, 7\\ 144, 7\\ 147, 2\\ 146, 7\\ 147, 2\\ 146, 7\\ 146, 7\\ 150, 9\\ \end{array}$	$\begin{array}{c} 152.\ 0\\ 151.\ 9\\ 154.\ 6\\ 154.\ 8\\ 7\\ 158.\ 7\\ 158.\ 0\\ 157.\ 6\\ 160.\ 1\\ 159.\ 7\\ 160.\ 6\\ 169.\ 7\\ 169.\ 7\\ 160.\ 6\\ 168.\ 1\\ 161.\ 6\\ 168.\ 1\\ 166.\ 6\\ 168.\ 1\\ 166.\ 6\\ 168.\ 1\\ 169.\ 6\\ 172.\ 3\\ 172.\ 8\\ 172.\ 8\\ 172.\ 8\\ 172.\ 8\\ 172.\ 8\\ 172.\ 8\\ 172.\ 8\\ 173.\ 3\\ 174.\ 0\\ 177.\ 5\\ 177.\ 1\\ 177.\ 4\\ 178.\ 5\\ 179.\ 0\\ \end{array}$	$\begin{array}{c} 97, \ 4\\ 103, \ 4\\ 97, \ 4\\ 95, \ 6\\ 95, \ 6\\ 91, \ 4\\ 89, \ 7\\ 89, \ 7\\ 89, \ 7\\ 95, \ 9\\ 95, \ 9\\ 95, \ 9\\ 95, \ 9\\ 95, \ 9\\ 95, \ 6\\ 92, \ 4\\ 93, \ 4\\ 93, \ 4\\ 95, \ 3\\ 95, \ 7\\ 95, \ 9\\ 99, \ 9\\ 103, \ 8\\ 105, \ 8\\ 105, \ 8\\ 106, \ 8\\ 110, \ 9\\ 113, \ 2\\ 112, \ 1\\ 113, \ 2\\ 112, \ 9\\ 113, \ 2\\ 115, \ 0\\ $	$\begin{array}{c} 91.\ 6\\ 97.\ 7\\ 89.\ 1\\ 81.\ 1\\ 81.\ 1\\ 81.\ 0\\ 81.\ 1\\ 81.\ 0\\ 81.\ 1\\ 82.\ 5\\ 80.\ 7\\ 81.\ 9\\ 79.\ 2\\ 82.\ 1\\ 82.\ 5\\ 85.\ 9\\ 87.\ 5\\ 85.\ 9\\ 87.\ 5\\ 87.\ 6\\ 88.\ 9\\ 87.\ 5\\ 87.\ 6\\ 88.\ 9\\ 92.\ 2\\ 92.\ 0\\ 1\\ 93.\ 0\\ 97.\ 5\\ 88.\ 2\\ 92.\ 2\\ 92.\ 8\\ 92.\ 8\\ 92.\ 8\\ 92.\ 8\\ 92.\ 8\\ 92.\ 8\\ 98.\ 2\\ 101.\ 2\\ 107.\ 6\\ 107.\ 9\\ 107.\ 6\\ 107.\ 6\\ 107.\ 9\\ 107.\ 6\\ 107.\ 6\\ 107.\ 9\\ 107.\ 6\\ 107.\ 6\\ 107.\ 9\\ 107.\ 6\\ 107.\ 10\ 10\ 10\ 10\ 10\ 10\ 10\ 10\ 10\ 10$	$\begin{array}{c} 133.9\\ 136.1\\ 129.6\\ 132.6\\ 132.6\\ 139.1\\ 139.8\\ 140.1\\ 139.8\\ 140.1\\ 139.8\\ 137.1\\ 138.6\\ 139.5\\ 138.6\\ 137.1\\ 138.6\\ 137.1\\ 138.6\\ 137.1\\ 138.6\\ 137.1\\ 138.6\\ 148.0\\ 147.5\\ 144.0\\ 147.5\\ 144.0\\ 147.5\\ 144.0\\ 147.5\\ 144.0\\ 147.5\\ 144.0\\ 147.5\\ 144.0\\ 147.5\\ 148.0\\ 145.8\\ 146.6\\ 151.9\\ 152.8\\ 152.8\\ 152.8\\ 152.5\\ 155.6\\ 155.1\\ 155.6\\ 9\\ 155.6\\ $	$\begin{array}{c} 119.\ 2\\ 121.\ 8\\ 118.\ 9\\ 119.\ 0\\ 132.\ 5\\ 130.\ 3\\ 130.\ 1\\ 129.\ 9\\ 132.\ 0\\ 129.\ 9\\ 132.\ 0\\ 129.\ 9\\ 132.\ 0\\ 129.\ 9\\ 132.\ 0\\ 132.\ 0\\ 132.\ 0\\ 133.\ 8\\ 130.\ 6\\ 133.\ 8\\ 130.\ 6\\ 133.\ 8\\ 130.\ 7\\ 135.\ 0\\ 136.\ 9\\ 135.\ 7\\ 141.\ 6\\ 141.\ 5\\ 144.\ 3\\ 144.\ 3\\ 144.\ 3\\ 144.\ 3\\ 144.\ 3\\ 144.\ 3\\ 144.\ 3\\ 146.\ 9\\ 157.\ 5\\ \end{array}$	$\begin{array}{c} 48.\ 7\\ 49.\ 5\\ 47.\ 8\\ 49.\ 6\\ 51.\ 4\\ 51.\ 1\\ 53.\ 2\\ 2\\ 52.\ 0\\ 55.\ 5\\ 55.\ 5\\ 55.\ 5\\ 55.\ 5\\ 55.\ 5\\ 55.\ 5\\ 55.\ 5\\ 55.\ 6\\ 57.\ 3\\ 57.\ 7\\ 58.\ 9\\ 26.\ 0\\ 61.\ 5\\ 56.\ 8\\ 57.\ 3\\ 57.\ 3\\ 57.\ 3\\ 57.\ 3\\ 57.\ 3\\ 57.\ 3\\ 57.\ 3\\ 57.\ 3\\ 58.\ 9\\ 61.\ 5\\ 62.\ 3\\ 65.\ 9\\ 66.\ 9\\ 68.\ 1\\ 71.\ 2\\ 66.\ 9\\ 68.\ 1\\ 71.\ 2\\ 71.\ 2\\ 71.\ 8\\ 71.\ 9\\ 71.\ 8\\ 72.\ 1\\ 74.\ 0\end{array}$	$\begin{array}{c} 70.\ 2\\ 68.\ 9\\ 67.\ 9\\ 77.\ 9\\ 77.\ 9\\ 77.\ 6\\ 75.\ 0\\ 74.\ 5\\ 77.\ 6\\ 75.\ 0\\ 74.\ 5\\ 77.\ 6\\ 77.\ 6\\ 77.\ 6\\ 77.\ 6\\ 77.\ 6\\ 77.\ 6\\ 77.\ 6\\ 77.\ 6\\ 77.\ 6\\ 77.\ 6\\ 77.\ 6\\ 77.\ 6\\ 77.\ 6\\ 77.\ 6\\ 8\\ 77.\ 6\\ 8\\ 88.\ 9\\ 90.\ 4\\ 90.\ 4\\ 90.\ 6\\ 90.\ 6\\ 90.\ 6\\ 90.\ 9\\ 90.\ 9\\ 94.\ 9\end{array}$	$\begin{array}{c} 18. \ 1\\ 20. \ 3\\ 21. \ 7\\ 24. \ 5\\ 26. \ 1\\ 24. \ 5\\ 26. \ 1\\ 24. \ 5\\ 26. \ 3\\ 26. \ 3\\ 26. \ 3\\ 26. \ 3\\ 28. \ 5\\ 30. \ 6\\ 32. \ 7\\ 33. \$	$\begin{array}{c} 21.8\\ 23.8\\ 23.9\\ 23.5\\ 1\\ 19.8\\ 24.0\\ 25.6\\ 25.6\\ 30.0\\ 4\\ 32.0\\ 25.6\\ 30.0\\ 32.2\\ 1\\ 33.6\\ 33.0\\ 33.2\\ 0\\ 33.2\\ 1\\ 33.6\\ 33.4\\ 9\\ 33.5\\ 7\\ 37.5\\ 34.1\\ 33.9\\ 0\\ 39.0\\ 39.8\\ 34.8\\ 44.8\\$	$\begin{array}{c} 59.\ 6\\ 59.\ 8\\ 56.\ 8\\ 59.\ 8\\ 60.\ 2\\ 62.\ 2\\ 62.\ 3\\ 64.\ 3\\ 62.\ 3\\ 64.\ 4\\ 62.\ 7\\ 63.\ 2\\ 63.\ 9\\ 67.\ 7\\ 68.\ 7\\ 71.\ 3\\ 71.\ 6\\ 75.\ 1\\ 79.\ 1.\ 3\\ 71.\ 6\\ 73.\ 6\\ 75.\ 1\\ 79.\ 1.\ 3\\ 81.\ 0\\ 82.\ 3\\ 85.\ 7\\ 83.\ 6\\ 82.\ 9\\ 85.\ 8\end{array}$	$\begin{array}{c} 45.9\\ 45.0\\ 45.0\\ 45.1\\ 53.6\\ 46.1\\ 53.4\\ 9\\ 54.3\\ 54.3\\ 54.5\\ 54.3\\ 54.5\\ 54.5\\ 56.7\\ 54.9\\ 56.9\\ 57.3\\ 61.6\\ 59.1\\ 61.2\\ 65.9\\ 17.0\\ 82.6\\ 17.0\\ 82.1\\ 77.6\\ 67.7\\ 78.2\\ 58.2\\ 13.7\\ 76.7\\ 77.7\\ 77.6\\ 77.7\\ 77$

 TABLE 9.—(1)
 Length of school term.
 (2)
 The aggregate number of days' schooling given compared with the school population.

a Subject to correction.

.

TABLE 10.—Nun	iber and sex o	of teachers—I	Percentage of	male teachers.
---------------	----------------	---------------	---------------	----------------

State or Territory.	Whole r teac	Percentage of male teachers.						
State of Territory.	Men.	Women.	Total.	1870-71.	1879-80.	1889-90.	1899-1900.	1904-5.
1	2	3	4	5	6	7	8	9
United States	110, 532	349, 737	460, 269	41.0	42.8	34.5	29.9	24.
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	$\begin{array}{r} 16,784\\ 17,512\\ 27,219\\ 43,118\\ 5,899 \end{array}$	$\begin{array}{r} 96,812\\ 35,752\\ 41,970\\ 151,437\\ 23,766\end{array}$	$113, 596 \\ 53, 264 \\ 69, 189 \\ 194, 555 \\ 29, 665$	$\begin{array}{r} 26.2 \\ 63.8 \\ 67.5 \\ 43.2 \\ 45.0 \end{array}$	$28.8 \\ 62.5 \\ 67.2 \\ 41.7 \\ 40.3$	$\begin{array}{r} 20.0 \\ 49.1 \\ 57.5 \\ 32.4 \\ 31.1 \end{array}$	$     18.4 \\     40.7 \\     47.4 \\     28.3 \\     24.7   $	14. 32. 39. 22. 19.
North Atlantic Division: Maine. New Hampshire. Vermont. Khode Island. Connecticut. New York. New Jersey. Pennsylvania. South Atlantic Division:	$\begin{array}{r} 693\\ 208\\ 331\\ 1, 192\\ 167\\ 337\\ 4, 709\\ 1, 119\\ 8, 028 \end{array}$	5,9652,2083,08612,6571,8804,28234,3728,03824,324	$\begin{array}{c} 6,658\\ 2,416\\ 3,417\\ 13,849\\ 2,047\\ 4,619\\ 39,081\\ 9,157\\ 32,352 \end{array}$	$ \begin{array}{c} a & 24.4 \\ 15.0 \\ 16.5 \\ 12.7 \\ a & 20.4 \\ a & 22.1 \\ 22.9 \\ 32.5 \\ 42.8 \end{array} $	$\begin{array}{c} a \ 27.2 \\ 16.8 \\ 16.8 \\ 13.2 \\ 20.2 \\ a \ 22.8 \\ 26.0 \\ 28.5 \\ 45.5 \end{array}$	$\begin{array}{c} a \ 16.0 \\ 9.8 \\ 12.0 \\ 9.8 \\ 12.6 \\ a \ 13.4 \\ 16.9 \\ 18.4 \\ 34.2 \end{array}$	$ \begin{array}{c} a 16.4 \\ 8.9 \\ 13.6 \\ 8.8 \\ 9.5 \\ a 9.0 \\ 14.9 \\ 12.9 \\ 32.0 \end{array} $	10. 8. 9. 8. 7. 12. 12. 24.
Delaware. Maryland. District of Columbia. Virginia. West Virginia. North Carolina. South Carolina. Georgia. Florida.	$156 \\ 908 \\ 189 \\ 2,098 \\ 3,793 \\ 3,372 \\ 2,630 \\ 3,435 \\ b 931$	$741 \\ 4,242 \\ 1,289 \\ 6,974 \\ 3,843 \\ 6,315 \\ 3,429 \\ 6,925 \\ b 1,994$	$\begin{array}{c} 897\\ 5,150\\ 1,478\\ 9,072\\ 7,636\\ 9,687\\ 6,059\\ 10,360\\ b\ 2,925\end{array}$	$\begin{array}{c} a \ 29.9 \\ 45.0 \\ 8.2 \\ 64.5 \\ 79.0 \\ a \ 73.2 \\ 62.4 \\ 71.4 \\ a \ 65.7 \end{array}$	$\begin{array}{c} a \ 46.6 \\ 42.6 \\ 7.8 \\ 61.8 \\ 75.2 \\ a \ 71.3 \\ 59.5 \\ a \ 65.2 \\ 61.6 \end{array}$	$\begin{array}{c} a \ 31.0 \\ 27.8 \\ 13.0 \\ 41.5 \\ 63.4 \\ 59.1 \\ 49.6 \\ 53.3 \\ 48.0 \end{array}$	$\begin{array}{c} 25.3\\ 21.7\\ 13.1\\ 31.5\\ 57.9\\ 49.4\\ a\ 43.5\\ 44.0\\ 36.9\end{array}$	17. 17. 12. 23. 49. 34. 43. 33. b 31.
South Central Division: Kentucky. Tennessee Alabama. Mississippi. Louisiana. Texas. Arkansas. Okiahoma. Indian Territory	$egin{array}{c} 4,513\\ 4,117\\ 2,300\\ c3,028\\ 995\\ 6,495\\ 4,038\\ 1,269\\ 464 \end{array}$	c 5, 936 5, 667 3, 100 c 5, 894 3, 685 10, 621 3, 788 2, 418 861	c 10, 449 9, 784 5, 400 c 8, 922 4, 680 17, 116 7, 826 3, 687 1, 325	a 66.0 a 75.0 66.8 a 60.8 50.9 a 77.3 a 75.6	64.6 74.4 63.8 61.2 46.1 a 75.0 78.4	$\begin{array}{c} 49.8\\ 61.8\\ 62.9\\ 49.6\\ 44.7\\ 61.1\\ 68.5\\ \end{array}$	$\begin{array}{r} 45.5\\ a\ 54.0\\ 30.1\\ 44.2\\ 47.9\\ 48.9\\ 59.7\\ 42.8\end{array}$	c 43. 42. 42. c 33. 21. 37. 51. 34. 35.
North Central Division: Ohio. Indiana. Illinois. Michigan. Wisconsin. Minnesota. Iowa. Missouri. North Dakota. North Dakota. North Dakota. North Dakota. North Dakota. North Sansas. Kansas.	$\begin{array}{c} 8,866\\ 6,518\\ 6,137\\ 2,658\\ 1,939\\ 1,772\\ 3,598\\ 5,235\\ 1,274\\ -980\\ 1,310\\ 2,831 \end{array}$	$\begin{array}{c} 17, 603\\ 9, 977\\ 21, 723\\ 14, 165\\ 12, 065\\ 11, 548\\ 26, 021\\ 12, 150\\ 4, 440\\ 4, 170\\ 8, 370\\ 9, 205\\ \end{array}$	$\begin{array}{c} 26,469\\ 16,495\\ 27,860\\ 16,823\\ 14,004\\ 13,320\\ 29,619\\ 17,385\\ 5,714\\ 5,150\\ 9,680\\ 12,036\end{array}$	$\left.\begin{array}{c} 43.2\\ 60.5\\ 43.5\\ 26.3\\ a 28.8\\ 33.7\\ 39.0\\ 65.3\\ a 24.7\\ 51.9\\ 47.2\end{array}\right.$	$\begin{array}{c} 47.8\\ 57.5\\ 39.7\\ 29.2\\ 28.9\\ 35.9\\ 33.6\\ 58.1\\ a\ 40.8\\ 40.7\\ 45.1\\ \end{array}$	$\begin{cases} 43.1 \\ 51.1 \\ 32.5 \\ 22.3 \\ 19.8 \\ 23.9 \\ 20.6 \\ 44.4 \\ \{ 28.3 \\ 29.0 \\ 27.1 \\ 40.8 \end{cases}$	$\begin{array}{c} 40.4\\ 46.2\\ 26.4\\ 20.3\\ 18.4\\ 19.4\\ 17.2\\ 37.6\\ 28.8\\ 24.4\\ 21.8\\ 32.7\\ \end{array}$	33. 39. 22. 15. 13. 12. 300. 22. 19. 13. 23.
Western Division: Montana. Wyoming. Colorado. New Mexico. A rizona. Utah. Nevada. Idaho. Washington. Oregon. California.	c 216 83 738 406 97 b 553 b 39 410 1,228 817 1,312	$\begin{array}{c} c \ 1,052\\ 645\\ 3,716\\ 422\\ 441\\ b \ 1,165\\ b \ 318\\ 1,137\\ 3.951\\ 3,205\\ 7,714\\ \end{array}$	$\begin{smallmatrix}c&1,268\\&728\\4,454\\&828\\538\\b&1,718\\b&357\\1,547\\5,179\\4,022\\9,026\end{smallmatrix}$	$\begin{array}{c} a \ 60.3 \\ a \ 28.6 \\ 48.8 \\ a \ 91.7 \\ \hline 55.0 \\ 32.4 \\ a \ 64.3 \\ a \ 46.5 \\ a \ 51.7 \\ 40.0 \\ \end{array}$	$\begin{array}{c} 38.5\\ 44.3\\ 36.4\\ 78.0\\ 47.5\\ 54.5\\ 46.7\\ 57.4\\ 37.4\\ 48.3\\ 33.6\end{array}$	$\begin{array}{c} 22.9\\ 22.4\\ 26.2\\ a \ 62.2\\ 38.8\\ 46.6\\ 16.3\\ a \ 33.4\\ 40.6\\ 43.3\\ 21.4\end{array}$	$16.6 \\ 15.6 \\ 20.9 \\ a \\ 55.2 \\ 27.3 \\ 36.5 \\ 11.1 \\ 31.2 \\ 28.9 \\ 28.4 \\ 17.8 \\ 17.8 \\ 15.6 \\ 15.$	c 17. 11. 16. 499. 18 b 32. b 10. 26 23. 20 14

a Approximately.

<sup>b</sup> In 1903-4.

¢ In 1902–3.

				-				
	Avera aric	ge month is of teach	ly sal- ners.	Num-		Pri	vate schools	.*
State or Territory.	Mcn.	Women.	Total.	ber of build- ings used as school- houses. a	Estimated value of all public school property.	Number of pupils enrolled.	Total pub- lic and private en- rollment.	pupils
1	2	3	4	5	6	7	8	9
United States	\$\$55.04	<b>b\$42.6</b> 9	\$47.97	256, 826	\$733,446,805	1, 347, 000	17, 815, 300	7.56
N. Atlantic Div. S. Atlantic Div. S. Central Div. N. Central Div. Western Div.	$     \begin{array}{r}       b 42.30 \\       46.13 \\       54.60     \end{array} $	$\begin{array}{r} b44.27\\ b33.65\\ 37.71\\ 42.08\\ b\ 53.98\end{array}$	$\begin{array}{c} 60.\ 41\\ 34.\ 75\\ 40.\ 91\\ 45.\ 49\\ 56.\ 92\end{array}$	$\begin{array}{r} 42,983\\38,618\\52,135\\107,900\\15,190\end{array}$	$\begin{array}{c} 310,569,029\\ 33,023,964\\ 37,280,665\\ 287,592,556\\ 64,980,591 \end{array}$	$\begin{array}{r} 477,200\\ 121,600\\ 177,900\\ 504,600\\ 65,700\\ \end{array}$	$\begin{array}{r} 4,382,824\\ 2,444,340\\ 3,499,752\\ 6,428,072\\ 1,060,312 \end{array}$	$     \begin{array}{r}       10.89 \\       4.97 \\       5.08 \\       7.85 \\       6.20     \end{array} $
N. Atlantic Div.: Maine. New Hampshire Vermont. Massachusetts. Rhode Island. Connecticut New York. New Jersey. Pennsylvania. S. Atlantic Div.:	$\begin{array}{c} c \ 51. \ 19 \\ 47. \ 68 \\ 149. \ 05 \\ 120. \ 92 \\ 108. \ 34 \\ \hline 103. \ 02 \end{array}$	$\begin{array}{r} 29.48\\ c34.31\\ 30.44\\ 57.22\\ 53.70\\ 47.66\\ \hline 54.46\\ 39.14\\ \end{array}$	$\begin{array}{c} 30.\ 40\\ c\ 35.\ 76\\ 32.\ 11\\ 65.\ 12\\ 59.\ 25\\ 52.\ 09\\ 83.\ 56\\ 61.\ 90\\ 42.\ 22\end{array}$	3,889 1,804 1,888 d,289 534 1,594 12,005 1,986 14,994	$\begin{array}{c} 5,416,628\\ 4,493,361\\ 2,963,940\\ 58,894,058\\ 6,048,349\\ 13,470,109\\ 126,188,508\\ 22,094,076\\ 71,000,000 \end{array}$	3,001 11,863 7,277 93,973 18,172 35,239 208,026 e 47,453 f 48,704	$135, 449 \\ 89, 785 \\ 73, 998 \\ 591, 877 \\ 89, 596 \\ 204, 018 \\ 1, 519, 134 \\ {}^e370, 028 \\ f1, 248, 934 \\ \end{cases}$	$\begin{array}{c} 2.22\\ 13.21\\ 9.83\\ 15.88\\ 20.28\\ 17.27\\ 13.69\\ e12.82\\ f3.90 \end{array}$
Delaware Maryland Dist. Columbia Virginia West Virginia. North Carolina South Carolina Georgia Florida.	h 94.48 k 34.56	34.70 h 64.31 k 27.20  f 35.93	$\begin{array}{c} 40,22\\ 46,86\\ \hbar64,38\\ k29,13\\ 34,58\\ 30,96\\ 30,06\\ 33,83\\ f38,49 \end{array}$	$\begin{array}{c} 458\\ d\ 2, 485\\ 142\\ 7, 159\\ 6, 436\\ 7, 376\\ 4, 960\\ 7, 190\\ f\ 2, 412\end{array}$	$\begin{array}{c} 1, 627, 314\\ {\it g}\ 4, 790, 000\\ {\it i}\ 5, 815, 590\\ 4, 297, 653\\ 5, 810, 847\\ 3, 182, 918\\ 2, 000, 000\\ 4, 009, 590\\ {\it f}\ 1, 290, 052 \end{array}$	<i>j</i> 6,000 <i>jk</i> 15,500 <i>l</i> 1,894 <i>m</i> 26,198 <i>n</i> 27,285 <i>o</i> 2,000	$57, 230 \\ jk 391, 100 \\ l 220, 709 \\ m 361, 556 \\ n 442, 932 \\ \circ 114, 384 \\ \end{cases}$	$ \begin{array}{c} j 10. 49 \\ jk 3. 96 \\ l 0. 86 \\ m 7. 25 \\ \hline n 6. 16 \\ o 1. 75 \\ \end{array} $
S. Central Div.: Kentucky Alabama Mississippi Louisiana. Texas Arkansas. Oklahoma. Indian Territory.	o 50.90 f 39.00 e 31.00 k 33.54		$ \begin{smallmatrix} \circ & 44.24 \\ i & 36.18 \\ e & 28.20 \\ k & 30.84 \\ 39.97 \\ 52.71 \\ 40.10 \\ 37.38 \\ 44.22 \\ \end{smallmatrix} $	$\begin{array}{c} k \ 8, 561 \\ 6, 885 \\ p \ 5, 000 \\ k \ 7, 249 \\ 3, 510 \\ 11, 333 \\ 5, 511 \\ 3, 230 \\ 856 \end{array}$	$\begin{array}{c} & ,\\ g \; 6 \; , 117 \; , 962 \\ 5 \; , 171 \; , 753 \\ p \; 2 \; , 200 \; , 000 \\ k \; 2 \; , 190 \; , 000 \\ 3 \; , 659 \; , 915 \\ 11 \; , 896 \; , 674 \\ 3 \; , 171 \; , 361 \\ r \; 2 \; , 123 \; , 000 \\ 750 \; , 000 \end{array}$	$\begin{array}{r} k \ 17, 480 \\ 18, 500 \\ q \ 26, 722 \\ k \ 7, 500 \\ 48, 659 \\ \hline 9, 548 \\ \hline 2, 330 \end{array}$	k 518, 962 526, 923 g 388, 722 k 411, 147 258, 775 345, 313 50, 408	$\begin{array}{c} k \ 3. \ 37 \\ 3. \ 51 \\ q \ 6. \ 87 \\ k \ 1. \ 82 \\ 18. \ 80 \\ \hline 6. \ 87 \\ 4. \ 62 \end{array}$
N. Central Div.: Ohio. Indiana. Illinois. Michigan. Wisconsin. Minnesota. Iowa. Missouri. North Dakota. South Dakota. Nebraska. Kansas.	58.08 72.14 60.22 fs 55.50 59.30 48.62 52.12 49.36 40.33 58.85	$\begin{array}{c} k \ 40. \ 00 \\ 52. \ 00 \\ 56. \ 90 \\ 42. \ 06 \\ fs 35. \ 26 \\ 41. \ 09 \\ 36. \ 06 \\ 44. \ 24 \\ 42. \ 25 \\ 36. \ 86 \\ 41. \ 81 \\ u \ 40. \ 00 \end{array}$	k 41. 79 54. 40 60. 26 44. 86 fs38. 14 43. 63 37. 58 46. 61 43. 73 37. 52 44. 07 u 41. 88	$\begin{array}{c} 13, 155\\ 9, 813\\ 12, 919\\ 8, 308\\ 7, 590\\ 8, 148\\ 13, 993\\ 10, 619\\ 3, 435\\ 4, 063\\ 6, 796\\ 9, 061 \end{array}$	$\begin{array}{c} 52,807,880\\ 29,059,008\\ 64,554,813\\ 55,963,302\\ f16,574,795\\ 22,017,624\\ 23,304,616\\ 22,593,018\\ 4,333,569\\ 4,549,956\\ 11,309,208\\ 10,524,767\\ \end{array}$	f 23, 569 13, 143 147, 199 59, 316 55, 802 t 20, 073 f 50, 534 f 70, 308 1, 700 t 1, 888	<i>f</i> 859, 176 563, 264 1, 132, 333 580, 779 520, 916 <i>t</i> 372, 165 <i>f</i> 596, 474 <i>f</i> 801, 718 108, 609 <i>l</i> 89, 914	f 2.74 2.33 13.00 10.21 10.71 t 5.39 f 8.47 f 8.47 1.56 l 2.10
Western Div.: Montana. Vyoming. Colorado New Mexico Arizona. Utah. Nevada. Idaho Washington. Oregon. California.	75.00 66.54 87.07 f 77.43 f 103.47 67.47 64.51	$\begin{array}{c} k \ 52. \ 04 \\ 48. \ 00 \\ 42. \ 87 \\ \hline 73. \ 02 \\ f \ 54. \ 39 \\ f \ 63. \ 39 \\ 54. \ 70 \\ 51. \ 61 \\ f \ 42. \ 05 \\ 64. \ 60 \end{array}$	$\begin{array}{c} k \ 56. \ 27 \\ 51. \ 08 \\ 46. \ 79 \\ 54. \ 28 \\ 75. \ 55 \\ f \ 61. \ 81 \\ f \ 67. \ 77 \\ 58. \ 09 \\ 54. \ 67 \\ f \ 44. \ 60 \\ 66. \ 84 \end{array}$	$\begin{smallmatrix} k & 734 \\ e & 524 \\ 2,002 \\ d & 697 \\ df & 498 \\ f & 693 \\ df & 328 \\ 1,017 \\ 2,609 \\ 2,228 \\ 3,860 \end{smallmatrix}$	$\begin{smallmatrix} k & 4, 832, 014 \\ e & 453, 607 \\ f & 10, 265, 046 \\ 800, 777 \\ 900, 201 \\ f & 3, 537, 772 \\ f & 269, 965 \\ 1, 802, 055 \\ 9, 807, 515 \\ 4, 670, 979 \\ 27, 550, 660 \end{smallmatrix}$	$\begin{array}{c} k \ 1, 839 \\ 350 \\ 2, 307 \\ 4, 151 \\ 1, 656 \\ f \ 2, 814 \\ f \ 323 \\ \hline 5, 147 \\ 6, 066 \\ f \ 37, 226 \end{array}$	$\begin{smallmatrix} k & 46, 720 \\ 18, 695 \\ 140, 225 \\ 41, 821 \\ 23, 448 \\ f & 79, 345 \\ f & 7, 642 \\ \hline 175, 533 \\ 114, 102 \\ f & 336, 264 \\ \end{smallmatrix}$	$\begin{array}{c} k \ 3.94 \\ 1.87 \\ 1.65 \\ 9.93 \\ 7.06 \\ f \ 3.55 \\ f \ 4.23 \\ \hline 2.93 \\ 5.32 \\ f \ 11.07 \end{array}$

## TABLE 11.—Teachers' wages—Number of schoolhouses—Value of school property—Private school enrollment.

\* The reports of private schools are more or less incomplete, and the number of pupils as given may be taken to represent the minimum number of private pupils in the States furnishing this item. In forming the totals the States not reporting are estimated. a Including buildings rented. b Average for those States reporting salaries. c High-school teachers' wages not included. d Number of schools. c In 1809-1900. f In 1903-4. g Approximately, b In 1897-98. i Total cost of sites and buildings. j Ectimated. k In 1902-3. l In 1893-94. m 1891-92. m In 1892-93. o In 1901-2. p Estimated by State Superintendent. q In 1898-99. r Estimated in 1994; returns incomplete. s Outside of cities. t In 1894-95. "Does not include cities of the first and second class.

TABLE 12.—School moneys i	received.	
---------------------------	-----------	--

			From taxatio	n	1	(m.t.)
State or Territory.	Income of perma- nent school funds and rent of school lands.	From State taxes,	From local taxes.	Total from taxation.	From other sources, State and local.	Total revenue (exclud- ing bal- ances on hand and proceeds of bond sales).
1	2	3	4	5	6	7
United States	\$13, 194, 042	\$44, 349, 295	\$210, 167, 770	\$254, 517, 065	\$34, 107, 962	\$301, 819, 069
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	$557, 347 \\ 289, 386 \\ 2, 646, 832 \\ 8, 665, 219 \\ 1, 035, 258$	$\begin{array}{c} 14,709,659\\ 6,652,041\\ 7,878,703\\ 8,107,097\\ 7,001,795 \end{array}$	$\begin{array}{c} 86,340,077\\9,193,302\\9,292,673\\90,273,303\\15,068,415\end{array}$	$\begin{array}{c} 101,049,736\\ 15,845,343\\ 17,171,376\\ 98,380,400\\ 22,070,210 \end{array}$	$18,857,798 \\916,907 \\2,193,206 \\10,851,798 \\1,288,253$	$\begin{array}{c} 120,464,881\\ 17,051,636\\ 22,011,414\\ 117,897,417\\ 24,393,721 \end{array}$
North Atlantic Division: Maine New Hampshire Vermont Massachusetts. Rhode Island Connecticut New York. New York Pennsylvania	$72, 173 \\ 37, 239 \\ 52, 813 \\ (a) \\ 16, 320 \\ 178, 802 \\ (a) \\ 200, 000 \\ 0 \\ 0 \\ 178, 000 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ $	$\begin{array}{r} 540,627\\ 25,000\\ 150,297\\ 377,421\\ 143,205\\ 520,563\\ 4,538,100\\ 3,013,591\\ 5,400,855\end{array}$	$\begin{array}{c} 1, 495, 541\\ 1, 236, 054\\ 931, 893\\ 17, 508, 144\\ 1, 593, 935\\ 3, 029, 477\\ 32, 716, 464\\ 6, 546, 011\\ 21, 282, 558\end{array}$	$\begin{array}{c} 2,036,168\\ 1,261,054\\ 1,082,190\\ 17,885,565\\ 1,737,140\\ 3,550,040\\ 37,254,564\\ 9,559,602\\ 26,683,413 \end{array}$	$\begin{array}{c} & 0 \\ 62,038 \\ 154,888 \\ 245,964 \\ 83,842 \\ 71,524 \\ 11,611,531 \\ 13,960 \\ 6,614,051 \end{array}$	$\begin{array}{c} 2, 108, 341 \\ 1, 360, 331 \\ 1, 289, 891 \\ 18, 131, 529 \\ 1, 837, 302 \\ 3, 800, 366 \\ 48, 866, 095 \\ 9, 773, 562 \\ 33, 297, 464 \end{array}$
South Atlantic Division: Delaware Maryland District of Columbia Virginia West Virginia North Carolina South Carolina Florida (1903-4) South Central Division:	$0 \\ 102, 200 \\ 0 \\ 57, 006 \\ 99, 393 \\ 0 \\ 0 \\ (e)$	$159,736\\1,007,007\\0\\1,071,256\\501,551\\1,341,529\\e803,765\\1,591,441\\175,756$	$\begin{array}{c} 338,788\\ 1,876,381\\ b1,680,327\\ 1,303,840\\ 2,063,965\\ 338,414\\ 236,110\\ 701,720\\ 653,757\end{array}$	$\begin{array}{r} 498,524\\ 2,883,388\\ 1,680,327\\ 2,375,096\\ 2,565,516\\ 1,679,943\\ 1,039,875\\ 2,293,161\\ 829,513\end{array}$	$\begin{matrix} 0 \\ 177, 127 \\ 0 \\ 0 \\ 79, 425 \\ 200, 567 \\ d \ 270, 358 \\ 103, 590 \\ 85, 840 \end{matrix}$	$\begin{array}{r} 498,524\\ 3,162,715\\ 1,680,327\\ 2,432,102\\ 2,744,334\\ 1,880,510\\ 1,310,233\\ 2,396,751\\ 946,140\\ \end{array}$
Kentucky (1902-3) Tennessee. Alabama. Missisippi (1902-3) Louisiana. Texas. Arkansas. Oklahoma. Indian Territory.	$ \begin{smallmatrix} (e) \\ 137, 125 \\ 162, 315 \\ 187, 746 \\ 81, 412 \\ 1, 841, 359 \\ 0 \end{smallmatrix} $	$\begin{array}{c} 1, 695, 575\\ 472, 550\\ 879, 246\\ c 1, 250, 000\\ 579, 091\\ 2, 408, 727\\ 593, 514\\ 0\\ 0\end{array}$	$\begin{array}{c} 882,713\\ 1,984,307\\ 447,000\\ 296,668\\ {\mathfrak c}1,219,055\\ 1,763,109\\ {\mathfrak c}1,379,604\\ 1,122,217\\ 198,000 \end{array}$	$\begin{array}{c} 2,578,288\\ 2,456,857\\ 1,326,246\\ 1,546,668\\ 1,798,146\\ 4,171,836\\ 1,973,118\\ 1,122,217\\ 198,000 \end{array}$	$144,851\\507,865\\100,000\\124,576\\339,354\\293,193\\68,817\\69,618\\444,932$	$\begin{array}{c} 2,723,139\\ 3,101,847\\ 1,588,561\\ 1,858,990\\ 2,218,912\\ 6,406,388\\ 2,041,935\\ 1,428,710\\ 642,932 \end{array}$
North Central Division: Ohio. Indiana. Illinois Michigan. Wisconsin. Moresota. Iowa. Morth Dakota. South Dakota. Nebraska. Kansas.	$\begin{array}{c} 261, 697\\ 682, 480\\ 784, 966\\ 2, 328, 776\\ (a)\\ 1, 481, 350\\ 897, 491\\ 540, 408\\ 337, 353\\ 425, 029\end{array}$	$\begin{array}{c} 1,903,647\\ 1,831,654\\ 1,000,000\\ 0\\ 1,475,411\\ 449,213\\ 0\\ 1,275,818\\ 0\\ 0\\ 171,354\\ 0\\ 0\end{array}$	$\begin{array}{c} 15, 143, 666\\ 8, 777, 015\\ 20, 173, 619\\ 6, 502, 423\\ 5, 669, 787\\ 5, 979, 048\\ 9, 216, 784\\ 6, 964, 608\\ 1, 648, 653\\ 1, 915, 781\\ 3, 463, 083\\ 4, 818, 836\\ \end{array}$	$\begin{array}{c} 17,047,313\\ 10,608,669\\ 21,173,619\\ 6,502,423\\ 7,145,198\\ 6,428,261\\ 9,216,784\\ 8,240,426\\ 1,6*8,653\\ 1,915,781\\ 3,634,437\\ 4,818,836\end{array}$	$\begin{array}{c} 1, 481, 985\\ 635, 901\\ 740, 889\\ 928, 872\\ 1, 385, 932\\ f 1, 253, 604\\ 1, 080, 680\\ 1, 549, 443\\ 449, 024\\ 0\\ 1, 093, 403\\ 252, 065 \end{array}$	$\begin{array}{c} 18,790,995\\ 11,927,050\\ 22,699,474\\ 9,760,071\\ 8,531,130\\ 9,163,215\\ 11,194,955\\ 10,330,277\\ 2,435,030\\ 2,340,810\\ 5,218,283\\ 5,506,127 \end{array}$
Western Division: Montana (1902-3). Wyoming. Colorado (1903-4). New Mexico. Arizona Utah (1903-4). Nevada (1903-4). Idaho. Washington. Oregon. California.	$ \begin{array}{c} 114,727\\79,279\\182,321\\(g)\\0\\(a)\\126,303\\(i)\\293,312 \end{array} $	$\begin{array}{r} 493,236\\ 0\\ 0\\ 7\\ 38,216\\ 403,762\\ 14,019\\ j95,983\\ 1,501,621\\ 0\\ k4,234,241 \end{array}$	$585,069 \\ 213,953 \\ 3,560,287 \\ (a) \\ 369,115 \\ 1,126,079 \\ 97,314 \\ 689,214 \\ 1,732,327 \\ 1,655,439 \\ 5,036,618 \\ \end{cases}$	$\begin{array}{c} 1,078,305\\213,953\\3,560,287\\220,717\\407,331\\1,529,841\\111,333\\785,197\\3,236,948\\1,655,439\\9,270,859\end{array}$	84,710 73,068 429,886 ¢ 146,924 30,809 124,885 33,139 128,760 118,109 117,963 (¢)	$\begin{array}{c} 1,277,742\\ 366,300\\ 4,172,494\\ 367,641\\ 438,140\\ 1,654,726\\ 270,775\\ 913,957\\ 3,648,369\\ 2,012,718\\ 9,270,859 \end{array}$

a Included in State taxes. b Includes United States appropriation. c Includes poll tax. d Includes 'Dispensary funds.'' e Not reported separately. f Includes receipts from sale of bonds.

g Included, if any, in State taxes. h Includes local taxes and income from rent of lands. f Included in State apportionment j State apportionment. k Includes taxes on railroads and collateral inheritances.

MULTIN STRUCTURE STRUCTURE

	Amount raised for each person 5 to 18 years of age.	Amount raised per adult male.	Amount each	Per cent of the whole revenue de- rived from—				
State or Territory.			adult male must contrib- ute to provide \$1 for each per- son 5 to 18 years of age.	Perma- nent funds and rents.	State taxes.	Local taxes.	Other sources.	
1	2	3	4	5	6	7	8	
United States	\$12.89	\$13.14	\$1.02	4.37	14.69	69.64	11.30	
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	$21.56 \\ 4.77 \\ 4.32 \\ 14.74 \\ 21.19$	$17.69 \\ 6.35 \\ 5.90 \\ 14.51 \\ 15.01$	.82 1.33 1.37 .98 .71	$\begin{array}{r}.46\\1.69\\12.04\\7.35\\4.24\end{array}$	$12.17 \\ 39.01 \\ 35.78 \\ 6.88 \\ 28.70$	$71.67 \\ 53.91 \\ 42,22 \\ 76.57 \\ 61.77$	$     \begin{array}{r}       15.70 \\       5.39 \\       9.96 \\       9.20 \\       5.29 \\     \end{array} $	
North Atlantic Division: Maine New Hampshire. Vermont Massachusetts Rhode Island. Connecticut New York. New Jersey. Pennsylvania. South Atlantic Division:		$\begin{array}{r} 9.46\\ 9.96\\ 11.71\\ 19.51\\ 13.17\\ 12.44\\ 20.57\\ 15.76\\ 16.92 \end{array}$	$\begin{array}{c} .74\\ .68\\ .74\\ .74\\ .79\\ .79\\ .74\\ .80\\ .85\\ .92\end{array}$	$\begin{array}{c} 3.42 \\ 2.74 \\ 4.09 \\ (a) \\ .89 \\ 4.71 \\ (a) \\ 2.05 \\ 0.00 \end{array}$	$\begin{array}{c} 25.\ 64\\ 1.\ 84\\ 11.\ 65\\ 2.\ 08\\ 7.\ 80\\ 13.\ 69\\ 9.\ 29\\ 30.\ 83\\ 16.\ 22\end{array}$	$\begin{array}{c} 70.94\\ 90.86\\ 72.25\\ 96.57\\ 86.75\\ 79.72\\ 66.95\\ 66.98\\ 63.92 \end{array}$	$\begin{array}{c} 0.00\\ 4.56\\ 12.01\\ 1.35\\ 4.56\\ 1.88\\ 23.76\\ .14\\ 19.86\end{array}$	
Delaware Maryland. District of Columbia Virginia West Virginia North Carolina South Carolina Georgia. Florida (1903–4).	9.75 8.99 25.54 3.94	$\begin{array}{c} 8.84\\ 9.27\\ 18.44\\ 5.15\\ 10.04\\ 4.19\\ 4.32\\ 4.48\\ 6.14\end{array}$	$\begin{array}{r} .91\\ 1.03\\ .72\\ 1.31\\ 1.19\\ 1.51\\ 1.64\\ 1.48\\ 1.17\end{array}$	$\begin{array}{c} 0.00\\ 3.23\\ 0.00\\ 2.35\\ 3.62\\ 0.00\\ 0.00\\ (e)\\ 3.25 \end{array}$	$\begin{array}{c} 32.04\\ 31.84\\ 0.00\\ 44.05\\ 18.28\\ 71.34\\ c61.35\\ 66.40\\ 18.59\end{array}$	$\begin{array}{c} 67.96\\ 59.33\\ b100.00\\ 53.60\\ 75.21\\ 18.00\\ 18.02\\ 29.27\\ 69.09\end{array}$	$\begin{array}{c} 0.00\\ 5.60\\ 0.00\\ 2.89\\ 10.66\\ d\ 20.63\\ 4.33\\ 9.07 \end{array}$	
South Central Division: Kentucky (1902-3). Tennessee Alabama Mississippi (1902-3). Louisiana. Texas. Arkansas. Oklahoma. Indian Territory. North Central Division: Ohio.	$\begin{array}{c} 3.94\\ 4.52\\ 2.39\\ 3.35\\ 4.51\\ 5.54\\ 4.31\\ 8.17\\ 3.78\end{array}$	$\begin{array}{c} 4.81\\ 5.99\\ 3.53\\ 5.07\\ 6.21\\ 7.66\\ 6.09\\ 9.34\\ 5.20\end{array}$	$\begin{array}{c} 1.22\\ 1.33\\ 1.47\\ 1.51\\ 1.38\\ 1.38\\ 1.41\\ 1.14\\ 1.37\end{array}$	$(e)\\4,42\\10,22\\10,10\\3,36\\28,74\\0,00\\16,58\\0,00$	$\begin{array}{c} 62.26\\ 15.24\\ 55.35\\ c67.24\\ 26.23\\ 37.60\\ 29.07\\ 0.00\\ 0.00\end{array}$	$\begin{array}{c} 32.42\\ 63.97\\ 28.14\\ 15.96\\ c54.99\\ 27.52\\ c67.56\\ 78.55\\ 30.80\end{array}$	$5.32 \\ 16.27 \\ 6.29 \\ 6.70 \\ 15.42 \\ 6.14 \\ 3.37 \\ 4.87 \\ 69.20$	
Indiana. Illinois. Michigan. Wisconsin. Minnesota. Iowa. Mosouri. North Dakota. South Dakota. Nebraska. Kansas.	$\begin{array}{c} 16.09\\ 15.59\\ 14.11\\ 12.74\\ 15.82\\ 16.43\\ 10.56\\ 21.21\\ 17.67\\ 16.29\\ \end{array}$	$\begin{array}{c} 14.34\\ 15.55\\ 14.68\\ 12.84\\ 13.69\\ 16.06\\ 16.44\\ 11.28\\ 21.30\\ 19.50\\ 17.34\\ 12.36\end{array}$	$\begin{array}{c} .91\\ .97\\ .94\\ .91\\ 1.08\\ 1.02\\ 1.00\\ 1.07\\ 1.00\\ 1.07\\ 1.06\end{array}$	$\begin{array}{c} 1.39\\ 5.72\\ 3.46\\ 23.86\\ (a)\\ 16.17\\ 8.02\\ 5.23\\ 13.86\\ 18.16\\ 9.39\\ 7.90\end{array}$	$\begin{array}{c} 10.14\\ 15.36\\ 4.40\\ 0.00\\ 17.29\\ 4.90\\ 0.00\\ 12.35\\ 0.00\\ 0.00\\ 3.29\\ 0.00\end{array}$	$\begin{array}{c} 80.59\\ 73.59\\ 88.87\\ 66.62\\ 66.47\\ 65.25\\ 82.33\\ 67.42\\ 67.70\\ 81.84\\ 66.37\\ 87.52\end{array}$	$\begin{array}{c} 7.88\\ 5.33\\ 3.27\\ 9.52\\ 16.24\\ f13.68\\ 9.65\\ 15.00\\ 18.44\\ 0.00\\ 20.95\\ 4.58\end{array}$	
Western Division: Montana (1902-3). Wyoming Colorado (1903-4) New Mexico Arizona Utah (1903-4). Nevada (1903-4). Idaho. Washington. Orgeon. California.	14.27 28.62	$\begin{array}{c} 10.99\\ 8.32\\ 20.54\\ 6.13\\ 8.71\\ 22.49\\ 15.29\\ 13.82\\ 16.14\\ 12.48\\ 15.61\end{array}$	$\begin{array}{c} .53\\ .58\\ .72\\ 1.09\\ .72\\ 1.34\\ .51\\ .86\\ .67\\ .75\\ .62\end{array}$	$\begin{array}{c} 8.98\\ 21.63\\ 4.37\\ (g)\\ 0.00\\ (a)\\ 46.64\\ (i)\\ 8.04\\ 11.89\\ (e)\end{array}$	$\begin{array}{c} 38.60\\ 0.00\\ 0.00\\ h60.02\\ 8.72\\ 24.40\\ 5.18\\ j10.50\\ 41.16\\ 0.00\\ k45.67\end{array}$	$\begin{array}{c} 45.79\\ 58.42\\ 85.33\\ (a)\\ 84.25\\ 68.05\\ 35.94\\ 75.41\\ 47.56\\ 82.25\\ 54.33\end{array}$	$\begin{array}{c} 6.63\\ 19.95\\ 10.30\\ 39.98\\ 7.03\\ 7.55\\ 12.24\\ 14.09\\ 3.24\\ 5.86\\ (\epsilon)\end{array}$	

 TABLE 13.—The school revenue compared with the school population and the adult male population (21 years and upward); percentage analysis of the school revenue.

a Included in State taxes. b Includes United States appropriation.

Includes politax.
 Includes '' Dispensary fund.''
 Not reported separately.
 f Includes receipts from sale of bonds.

g Included, if any, in State taxes.
h Includes local taxes and income from rent of lands.
i Included in State apportionment.

i State apportionment.

k Includes taxes on railroads and collateral inheritances.

					•					
State or Terri-	Total amount expended for schools.				Expended per capita of total population.					
tory.	1870–71.	1879-80.	1889-90.	1899-1900.	1904-5.	1870– 71.	1879– 80.	1889- 90.	1899- 1900.	1904– 5.
1	2	3	4	5	6	7	8	.9	10	11
United States	<b>\$69, 107, 61</b> 2	\$78,094,687	\$140, 506, 715	\$214,964,618	\$291,616,660	\$1.75	\$1.56	\$2.24	\$2.84	\$3.5 <b>3</b>
N. Atlantic Div. S. Atlantic Div. S. Central Div. N. Central Div. Western Div	$\begin{array}{c} 29,796,835\\ 3,781,581\\ 4,854,834\\ 28,430,033\\ 2,244,329 \end{array}$	5,130,492 4,872,829 35,285,635	$\begin{array}{r} 48,023,492\\ 8,767,165\\ 10,678,680\\ 62,823,563\\ 10,213,815\end{array}$	$\begin{array}{c} 83,910,564\\ 12,921,797\\ 14,753,816\\ 86,165,827\\ 17,212,614 \end{array}$	$16,835,292 \\21,668,060 \\114,722,345$	.73	.68 .55 2.03	2.76 .99 .97 2.81 3.37		$1.50 \\ 1.40 \\ 4.04$
N.A tlantic Div.: Maine N. Hampshire. Vermont Massachusetts Rhode Island. Connecticut New York New Jersey Pennsylvania. S. Atlantic Div.:	499, 961 5, 579, 363 461, 160 1, 496, 981 9, 607, 904 2, 302, 341 8, 479, 918	565, 339 446, 217	$\begin{array}{c} 711,072\\ 8,286,062\\ 884,966\\ 2,157,014\\ 17,543,880\\ 3,340,190\end{array}$	1,074,222 13,826,243 1,548,675 3,189,249	$\begin{array}{c} 1,557,061\\ 1,324,507\\ 18,131,529\\ 1,987,750\\ 3,779,732\\ 47,227,428\\ 9,598,446\end{array}$	1.30	$1.63 \\ 1.34 \\ 2.80 \\ 1.90 \\ 2.26 \\ 2.03 \\ 1.66$	$\begin{array}{c} 2.24 \\ 2.14 \\ 3.70 \\ 2.56 \\ 2.89 \\ 2.92 \\ 2.31 \end{array}$	$2.56 \\ 3.13 \\ 4.93$	$\begin{array}{r} 3.63 \\ 3.79 \\ 5.87 \\ 4.23 \\ 3.82 \\ 5.98 \\ 4.56 \end{array}$
Delaware Maryland Dist.Columbia Virginia W. Virginia S. Carolina Georgia Florida S. Central Div.:	$\begin{array}{c} 153,509\\ 1,214,729\\ 373,535\\ 587,472\\ 577,719\\ 177,498\\ 275,688\\ 292,000\\ 129,431\end{array}$	$\begin{array}{c} 1,544,367\\ 438,567\\ 946,109\\ 707,553\\ 376,062\\ 324,629\\ 471,029\\ 114,895\end{array}$	$\begin{array}{c} 1,198,493\\714,900\\450,936\\1,190,354\\516,533\end{array}$	$\begin{array}{c} 2,803,032\\ 1,076,620\\ 1,989,238\\ 2,009,123\\ 950,317\\ 894,004\\ 1,980,016\\ 765,777\end{array}$	$\begin{array}{c} 2,961,373\\ 1,676,259\\ 2,377,624\\ 2,766,817\\ 1,935,982\\ 1,304,630\\ 2,327,603\\ b 945,047\\ \end{array}$	$\begin{array}{c} 2.77\\ .47\\ 1.26\\ .16\\ .38\\ .24\\ .66\end{array}$	1.652.47.631.14.27.33.31.43	a1.63 1.83 3.93 .97 1.57 .44 .39 .65 1.32	2.363.861.072.10.50.67.891.45	2.35 5.53 1.22 2.62 .95 .91 .98 b1.62 ((ac)
Kentucky Tennessee Alabama Mississippi Louisiana Texas Arkansas Oklahoma Indian Ter	a 758, 000 a 370, 000 950, 000 531, 834 a 650, 000 a 520, 000	744, 180a 500, 000830, 705411, 858a 1, 030, 000	$1,526,241 \\ a 890,000 \\ 1,109,575 \\ 817,110 \\ 3,178,300$	3, 037, 908 1, 751, 047 923, 464 1, 385, 112 1, 135, 125 4, 465, 255 1, 369, 810 686, 095	c1, 868, 544 2, 169, 001 6, 400, 492 1, 955, 428	a.59 a.36 1.11 .71 a.74 a1.02	.48 a.40 .73 .44 a.65	.86 a.59 .86 .73	.87 .50 .89 .82 1.46	(1.19) 1.37 .74 c1.15 1.43 1.85 1.39
N. Central Div.: Ohio Indiana. Illinois. Michigan. Wisconsin Minnesota Iowa. Missouri N. Dakota S. Dakota Nebraska Kansas.	6, 831, 035 a 2, 897, 537 6, 656, 542 2, 840, 740 1, 932, 539 960, 558 3, 269, 190 1, 749, 049	$\begin{array}{c} 7,014,092\\ 2,775,917\\ 2,177,023\\ 1,328,429\\ 4,484,043\\ 2,675,364\\ 245,000\\ 1,108,617 \end{array}$	4, 187, 310 6, 382, 953 5, 434, 262 626, 949 1, 199, 630	$\begin{array}{c} 7,297,691\\ 5,493,370\\ 5,630,013\\ 8,496,522\\ 7,816,050\\ 1,526,090\end{array}$	$\begin{array}{c} 17, 595, 091\\ 11, 501, 001\\ 22, 823, 191\\ 9, 630, 696\\ 8, 240, 352\\ 8, 469, 902\\ 10, 316, 292\\ 10, 101, 923\\ 2, 529, 914\\ 2, 379, 775\\ 5, 304, 292 \end{array}$	$ \begin{array}{c} 2.52\\ a1.70\\ 2.57\\ 2.33\\ 1.70\\ 2.06\\ 2.70\\ .99\\ \end{array} $ $ \begin{array}{c} a1.29\\ 2.61\end{array} $	$\begin{array}{c} 2.27\\ 2.28\\ 1.70\\ 1.65\\ 1.70\\ 2.76\\ 1.23\\ 1.81\\ 2.45\end{array}$	$\begin{array}{c} 2.39\\ 3.04\\ 2.55\\ 2.25\\ 3.22\\ 3.34\\ 2.03\\ 3.43\\ 3.65\\ 3.19\end{array}$	$\begin{array}{c} 3.25\\ 3.68\\ 3.01\\ 2.65\\ 3.21\\ 3.81\\ 2.52\\ 4.78\\ 4.00\\ 4.13\end{array}$	$\begin{array}{c} 4.00\\ 4.29\\ 3.77\\ 3.65\\ 4.30\\ 4.31\\ 3.04\\ 6.60\\ 5.56\\ 4.97\end{array}$
Western Div.: Montana. Wyoming Colorado N. Mexico Arizona. Utah. Nevada. Idaho. Washington. Oregon. California.	$\begin{array}{c} 67,395\\ a4,900\\ 0\\ a117,000\\ a85,000\\ 19,003\\ a35,000\\ a160,000\end{array}$	$\begin{array}{c} 28,504\\ 395,227\\ 28,973\\ 61,172\\ 132,194\\ 220,245\\ 38,411\\ 112,615\\ 307,031\end{array}$	a 225,000 1,681,379 a 85,000 181,914 394,685 161,481 169,020 958,111 805,979	$\begin{array}{c} 2,793,648\\ 343,429\\ 299,730\\ 1,094,757\\ 224,622\\ 400,043\\ 2,375,753\end{array}$	$\begin{array}{c} 387,681\\ b3,984,967\\ 362,225\\ 457,354\\ b1,657,234\\ b257,501\\ 912,272\\ 3,220,340\\ 2,052,175\end{array}$	a.71 1.44 a.05 a1.28 a1.93 1.17 a1.30 a1.65	1.372.03.241.51 $.923.541.181.501.76$	a.55 3.05 1.90 3.53 2.00 2.74	$\begin{array}{c} 2.74\\ 5.18\\ 1.76\\ 2.44\\ 3.96\\ 5.30\\ 2.47\\ 4.59\\ 3.86\end{array}$	b5.47 b6.08 4.60 5.38 4.45

<b>TABLE 14.</b> —	Progress	of school	l expenditure.
--------------------	----------	-----------	----------------

a Approximately. b In 1903-4.

cIn 1902-3

State or Territory.	Paid for sites, build- ings, furni- ture, libra- ries, and apparatus.	Paid for teachers' and superin- tendents' salaries.	Paid for all other pur- poses, prin- cipally main- tenance.	penditure, excluding
1	2	3	-1	5
United States	\$56, 416, 168	\$177, 462, 981	\$57,737,511	\$291, 616, 660
North Atlantic Division. South Atlantic Division South Central Division. North Central Division. Western Division.	$\begin{array}{r} 27,758,760\\ 1,875,377\\ 2,297,279\\ 19,745,121\\ 4,739,631 \end{array}$	$\begin{array}{r} 62,205,896\\ 12,461,763\\ 17,183,092\\ 70,313,033\\ 15,299,197 \end{array}$	$\begin{array}{r} 24,127,602\\ 2,498,152\\ 2,187,689\\ 24,664,191\\ 4,259,877\end{array}$	$\begin{array}{c} 114,092,258\\ 16,835,292\\ 21,668,060\\ 114,722,345\\ 24,298,705 \end{array}$
North Atlantic Division: Maine. New Hampshire. Vermont	$\begin{array}{c} 343,714\\ 352,805\\ 327,677\\ 4,944,876\\ 403,377\\ 557,172\\ 13,461,238\\ 2,006,635\\ 5,361,206\end{array}$	$\begin{array}{c} a \ 1, 293, 608\\ 822, 386\\ 747, 899\\ 9, 921, 509\\ 1, 195, 515\\ 2, 320, 683\\ 26, 562, 987\\ 5, 208, 838\\ 14, 132, 471 \end{array}$	383,026 381,870 248,931 b 3,265,144 388,858 901,877 7,203,203 2,382,973 8,971,720	$\begin{array}{c} 2,020,348\\ 1,557,061\\ 1,324,507\\ 18,131,529\\ 1,987,750\\ 3,779,732\\ 47,227,428\\ 9,598,446\\ 28,465,457\end{array}$
Delaware. Maryland. District of Columbia. Virginia. West Virginia. North Carolina. South Carolina. Georgia. Florida (1903-4).	$\begin{pmatrix} c \\ 187,790 \\ 281,039 \\ 278,982 \\ 419,748 \\ 296,882 \\ 140,169 \\ 162,722 \\ 108,035 \\ \end{pmatrix}$	$\begin{array}{c} 341,576\\ 2,317,011\\ 1,092,705\\ 1,804,271\\ 1,633,456\\ 1,430,204\\ 1,089,280\\ 2,043,871\\ 709,389\end{array}$	$\begin{array}{c} 198, 381\\ 456, 572\\ 302, 515\\ 294, 371\\ 713, 613\\ 208, 886\\ 75, 181\\ 121, 010\\ 127, 623\\ \end{array}$	$539,957 \\ 2,961,373 \\ 1,676,259 \\ 2,377,624 \\ 2,766,817 \\ 1,935,982 \\ 1,304,630 \\ 2,327,603 \\ 945,047 \\ \end{cases}$
South Central Division: Kentucky (1902-3). Tennessee. Alabama. Mississippi (1902-3). Louisiana. Texas Arkansas. Oklahome. Indian Territory.	$295, 655 \\ 261, 529 \\ (d) \\ 54, 007 \\ 419, 852 \\ 705, 941 \\ 205, 103 \\ 217, 292 \\ 137, 900 \\$	$\begin{array}{c} 2,219,178\\ 2,173,866\\ 1,375,000\\ 1,573,416\\ 1,495,615\\ 5,221,427\\ 1,657,878\\ 996,612\\ 470,100\end{array}$	$\begin{array}{c} 148,030\\ 497,894\\ e100,000\\ 241,121\\ 253,534\\ 473,124\\ 92,447\\ 274,207\\ 107,332\end{array}$	$\begin{array}{c} 2,662,863\\ 2,933,289\\ 1,475,000\\ 1,868,544\\ 2,169,001\\ 6,400,492\\ 1,955,428\\ 1,488,111\\ 715,332 \end{array}$
North Central Division: Ohio Indiana. Illinois. Michigan. Wisconsin. Minnesota. Iowa. Missouri. North Dakota. South Dakota. Ncbraska. Kansas.	$\begin{array}{c} 1,840,115\\ 1,605,178\\ 4,580,137\\ 1,480,062\\ 1,499,273\\ 1,754,248\\ 878,291\\ 2,419,168\\ 547,741\\ 227,281\\ 1,361,707\\ 1,551,920\\ \end{array}$	$\begin{array}{c} 11,178,624\\ 6,844,421\\ 13,416,000\\ 6,007,653\\ 5,121,781\\ 5,251,803\\ 6,745,416\\ 5,964,024\\ 1,349,221\\ 1,312,761\\ 3,265,836\\ 3,855,493 \end{array}$	$\begin{array}{c} 4,576,352\\ 3,051,402\\ 4,827,054\\ 2,142,981\\ 1,619,298\\ 1,463,851\\ 2,692,352\\ 1,718,731\\ 632,952\\ 839,732\\ 676,749\\ f422,503 \end{array}$	$\begin{array}{c} 17, 595, 091\\ 11, 501, 001\\ 22, 823, 191\\ 9, 630, 696\\ 8, 240, 352\\ 8, 469, 902\\ 10, 316, 292\\ 10, 101, 923\\ 2, 529, 914\\ 2, 379, 775\\ 5, 304, 292\\ 5, 829, 916 \end{array}$
Western Division: Montana (1902-3). Wyoming. Colorado (1903-4). New Mexico. Arizona. Utah (1903-4). Nevada (1903-4). Idaho. Washington. Oregon. California.	$\begin{array}{c} 367, 131\\ 83, 280\\ 587, 019\\ 64, 361\\ 31, 252\\ 330, 221\\ 36, 527\\ 224, 522\\ 1, 003, 940\\ 469, 819\\ 1, 541, 559 \end{array}$	$\begin{array}{c} 651,738\\ 260,379\\ 2,288,749\\ 238,413\\ 401,548\\ 831,244\\ 95,584\\ 560,490\\ 2,153,109\\ 1,270,686\\ 6,547,257\end{array}$	$\begin{array}{c} 217, 384\\ 44, 022\\ 1, 109, 199\\ 59, 451\\ 24, 554\\ 495, 769\\ g125, 390\\ 127, 260\\ 63, 291\\ 311, 670\\ 1, 681, 887\end{array}$	$\begin{array}{c} 1,236,253\\ 387,681\\ 3,984,967\\ 362,225\\ 457,354\\ 1,657,234\\ 257,501\\ 912,272\\ 3,220,340\\ 2,052,175\\ 9,770,703\end{array}$

TABLE 15	The school	ependiture o	f 1904-5 ci	lassified.
----------	------------	--------------	-------------	------------

<sup>a</sup> Includes janifors' wages.
<sup>b</sup> Includes furniture, libraries, etc.
<sup>c</sup> Included in column 4.
<sup>d</sup> Not reported separately.

ε Estimated by State superintendent.
 f Includes bonded indebtedness paid.
 φ Includes some unclassified expenditures.

TABLE	16(1) Expenditure pe	r pupil (based on average attendance); (2) average daily	1
	expenditure per pupil;	r pupil (based on average attendance); (2) average daily (3) percentage analysis of school expenditure.	

	Expe av	enditure verage at	per capi tendanc	ta of e.	expen	ge daily diture oupil.	Per cent of total ex- penditure devoted to-			
State or Territory.	For sites, build- ings, etc.	For sala- ries.	For all other pur- poses.	Total per pupil.	For sala- ries only.	Total.	Sites, build- ings, etc.	Sala- ries.	All other pur- poses.	
1	2	3	4	5	6	7	8	9	10	
United States	\$4.91	\$15.46	\$5.03	<b>\$25.40</b>	Cents. 10. 2	Cents. 16.8	19.3	6 <b>0.</b> 9	19.8	
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	$9.37 \\1.29 \\1.11 \\4.62 \\6.64$	$\begin{array}{r} 20.99\\ 8.54\\ 8.28\\ 16.47\\ 2143\end{array}$	$\begin{array}{r} 8.14 \\ 1.71 \\ 1.05 \\ 5.78 \\ 5.96 \end{array}$	$\begin{array}{r} 38.50 \\ \cdot 11.54 \\ 10.44 \\ 26.87 \\ 34.03 \end{array}$	$ \begin{array}{r} 11.7\\ 7.0\\ 7.6\\ 10.2\\ 13.6 \end{array} $	$21.5 \\ 9.4 \\ 9.7 \\ 16.7 \\ 21.6$	$\begin{array}{r} 24.3 \\ 11.1 \\ 10.6 \\ 17.2 \\ 19.5 \end{array}$	54.574.079.3 $61.362.9$	$21.2 \\ 14.9 \\ 10.1 \\ 21.5 \\ 17.6$	
North Atlantic Division: Maine. New Hampshire. Vermont. Rhode Island. Connecticut. New York. New York. New Jersey. Pennsylvania. South Atlantic Division:	$4.32 \\ 13.51 \\ 7.90$	$\begin{array}{c} a13.\ 22\\ 16.\ 49\\ 15.\ 47\\ 24.\ 55\\ 22.\ 21\\ 17.\ 97\\ 26.\ 66\\ 20.\ 50\\ 15.\ 20\\ \end{array}$	$\begin{array}{c} 3.92 \\ 7.66 \\ 5.15 \\ b8.08 \\ 7.22 \\ 6.98 \\ 7.23 \\ 9.38 \\ 9.64 \end{array}$	$\begin{array}{c} 20.\ 65\\ 31.\ 22\\ 27.\ 39\\ 44.\ 87\\ 36.\ 92\\ 29.\ 27\\ 47.\ 40\\ 37.\ 78\\ 30.\ 60\\ \end{array}$	9.510.89.913.111.49.614.210.99.1	$\begin{array}{c} 14.9\\ 20.5\\ 17.4\\ 24.0\\ 19.0\\ 15.6\\ 25.2\\ 20.1\\ 18.3 \end{array}$	$17.0 \\ 22.7 \\ 24.7 \\ 27.3 \\ 20.3 \\ 14.8 \\ 28.5 \\ 20.9 \\ 18.8 \\ 18.8 \\ 17.0 \\ 19.0 \\ 19.0 \\ 19.0 \\ 10.0 \\ $	a64.0 52.8 56.5 54.7 60.1 61.4 56.2 54.3 49.7	$19.0 \\ 24.5 \\ 18.8 \\ b18.0 \\ 19.6 \\ 23.8 \\ 15.3 \\ 24.8 \\ 31.5 \\ $	
South Atlantic Division: Delaware (1899-1900) District of Columbia. Virginia. West Virginia. North Carolina South Carolina Georgia Florida (1903-4)	$ \begin{array}{c c} 6.92 \\ 1.30 \\ 2.57 \\ 1.06 \\ .70 \\ .52 \\ 1.29 \\ \end{array} $	$\begin{array}{c} c \ 11. \ 05 \\ 16. \ 68 \\ 26. \ 91 \\ 8. \ 38 \\ 10. \ 02 \\ 5. \ 10 \\ 5. \ 43 \\ 6. \ 56 \\ 8. \ 48 \end{array}$	c 3.75 3.29 7.45 1.37 4.38 .74 .38 .39 1.53	$\begin{array}{c} c \ 17.\ 93 \\ 21.\ 32 \\ 41.\ 28 \\ 11.\ 05 \\ 16.\ 97 \\ 6.\ 90 \\ 6.\ 51 \\ 7.\ 47 \\ 11.\ 30 \end{array}$	$\begin{array}{c} {}^{c}6.5\\ 8.7\\ 14.9\\ 6.5\\ 8.1\\ 5.4\\ 5.1\\ 5.6\\ 7.9\end{array}$	$\begin{array}{c} c  10. 5 \\ 11. 1 \\ 22. 8 \\ 8. 6 \\ 13. 8 \\ 7. 3 \\ 6. 2 \\ 6. 3 \\ 10. 5 \end{array}$	$17.5 \\ 6.3 \\ 16.8 \\ 11.7 \\ 15.2 \\ 15.3 \\ 10.7 \\ 7.0 \\ 11.4$	$\begin{array}{c} 61.\ 6\\ 78.\ 3\\ 65.\ 2\\ 75.\ 9\\ 59.\ 0\\ 73.\ 9\\ 83.\ 5\\ 87.\ 8\\ 75.\ 1\end{array}$	$20.9 \\ 15.4 \\ 18.0 \\ 12.4 \\ 25.8 \\ 10.8 \\ 5.8 \\ 5.2 \\ 13.5$	
South Central Division: Kentucky (1902-3) Tennessee. Alabama Mississippi (1902-3) Louisiana. Texas. Arkansas. Oklahoma. Indian Territory e	(d) (d) 2.87 1.41	$\begin{array}{c} 7.16\\ 6.23\\ 6.55\\ 6.75\\ 10.23\\ 10.41\\ 7.99\\ 11.04\\ 16.49 \end{array}$	48 1.43 .48 1.03 1.73 .94 .45 3.04 3.77	$\begin{array}{c} 8.59\\ 8.41\\ 7.03\\ 8.01\\ 14.83\\ 12.76\\ 9.43\\ 16.49\\ 25.10\\ \end{array}$	$\begin{array}{c} 8.0\\ 5.5\\ 6.4\\ 5.5\\ 7.9\\ 9.3\\ 9.1\\ 10.6\\ 14.3\end{array}$	9.5 7.4 6.9 6.5 11.4 11.4 10.7 15.9 21.8	$\begin{array}{c} 11.1\\ 8.9\\ (d)\\ 2.9\\ 19.4\\ 11.0\\ 10.5\\ 14.6\\ 19.3 \end{array}$	83.3 74.1 93.2 84.2 68.9 81.6 84.8 67.0 65.7	$5.6 \\ 17.0 \\ 6.8 \\ 12.9 \\ 11.7 \\ 7.4 \\ 4.7 \\ 18.4 \\ 15.0 \\$	
North Central Division: Ohio. Indiana. Illinois. Michigan. Wisconsin. Minnesota. Iowa. Missouri. North Dakota. South Dakota. Nebraska Kansas.	$\begin{array}{c} 5.\ 64\\ 3.\ 63\\ 5.\ 15\\ 6.\ 25\\ 2.\ 34\\ 5.\ 14\\ 8.\ 07\\ 3.\ 02\\ 7.\ 35\end{array}$	$\begin{array}{c} 17.92\\ 16.47\\ 16.52\\ 14.72\\ 17.62\\ 18.72\\ 17.96\\ 12.67\\ 19.88\\ 17.44\\ 17.64\\ 14.60\\ \end{array}$	$\begin{array}{c} 7.34\\ 7.34\\ 5.95\\ 5.25\\ 5.57\\ 5.22\\ 7.17\\ 3.65\\ 9.32\\ 11.15\\ 3.65\\ f1.60\\ \end{array}$	$\begin{array}{c} 28.\ 21\\ 27.\ 67\\ 28.\ 11\\ 23.\ 60\\ 28.\ 34\\ 30.\ 19\\ 27.\ 47\\ 21.\ 46\\ 37.\ 27\\ 31.\ 61\\ 28.\ 64\\ 22.\ 08\\ \end{array}$	$\begin{array}{c} 11.2\\ 10.3\\ 9.8\\ 8.8\\ 10.4\\ 11.6\\ 11.2\\ 8.3\\ 14.1\\ 12.5\\ 10.4\\ 10.1 \end{array}$	$\begin{array}{c} 17. \ 6\\ 17. \ 3\\ 16. \ 6\\ 14. \ 0\\ 16. \ 8\\ 18. \ 7\\ 17. \ 2\\ 14. \ 1\\ 26. \ 4\\ 22. \ 6\\ 16. \ 8\\ 15. \ 2\end{array}$	$10.5 \\ 14.0 \\ 20.1 \\ 15.4 \\ 17.3 \\ 20.7 \\ 8.5 \\ 24.0 \\ 21.7 \\ 9.5 \\ 25.7 \\ 26.6 \\ 1000 \\ 20$	$\begin{array}{c} 63.5\\ 59.5\\ 58.8\\ 62.4\\ 61.5\\ 62.0\\ 65.4\\ 59.0\\ 53.3\\ 55.2\\ 61.6\\ 66.1 \end{array}$	$\begin{array}{c} 26.0\\ 26.5\\ 21.1\\ 22.2\\ 21.2\\ 17.3\\ 26.1\\ 17.0\\ 25.0\\ 35.3\\ 12.7\\ f7.3 \end{array}$	
Western Division: Montana (1902-3). Wyoming. Colorado (1903-4). New Mexico. Arizona. Utah (1903-4). Nevada (1903-4). Idaho. Washington. Oregon. California.	$ \begin{array}{c} 6.83 \\ 6.17 \\ 2.50 \\ 9.94 \\ \end{array} $	$\begin{array}{c} 20.\ 71\\ 21.\ 34\\ 24.\ 06\\ 9.\ 28\\ 28.\ 68\\ 14.\ 80\\ 18.\ 44\\ 13.\ 76\\ 18.\ 11\\ 16.\ 27\\ 27.\ 34 \end{array}$	$\begin{array}{c} 6.91\\ 3.61\\ 11.66\\ 2.31\\ 1.75\\ 8.82\\ g24.20\\ 3.12\\ .53\\ 3.99\\ 7.02\\ \end{array}$	$\begin{array}{c} 39.\ 28\\ 31\ 78\\ 41.\ 89\\ 14.\ 09\\ 32.\ 67\\ 29.\ 50\\ 49.\ 69\\ 22.\ 39\\ 27.\ 09\\ 26.\ 27\\ 40.\ 80\\ \end{array}$	$\begin{array}{c} c 19. \ 4 \\ 15. \ 2 \\ 15. \ 2 \\ 8. \ 1 \\ 21. \ 2 \\ 9. \ 7 \\ 11. \ 6 \\ 10. \ 1 \\ 10. \ 8 \\ 10. \ 3 \\ 16. \ 1 \end{array}$	c 36. 7 22. 7 26. 4 12. 4 24. 1 19. 3 31. 3 16. 5 16. 2 16. 6 24. 0	$\begin{array}{c} 29.7\\ 21.5\\ 14.7\\ 17.8\\ 6.8\\ 19.9\\ 14.2\\ 24.6\\ 31.2\\ 22.9\\ 15.8\end{array}$	$\begin{array}{c} 52.7\\ 67.2\\ 57.4\\ 65.8\\ 87.8\\ 50.2\\ 37.1\\ 61.4\\ 66.9\\ 61.9\\ 67.0\end{array}$	17. 611. 327. 916. 45. 429. 9 $g$ 48. 7 14. 0 1. 9 15. 2 17. 2	

a Includes janitors' wages. b Includes furniture, libraries, etc. c Approximately. d Not reported separately.

Returns imperfect.
 f Includes bonded indebtedness paid.
 g Includes some unclassified expenditures.

TABLE 17.—Amount expended for common schools each year since 1869-70.

	1	Expended for-	-	
Year.	Sites, build- ings, furni- ture, etc.	Teachers' and superin- tendents' salaries.	All other purposes.	Total expenditure.
$\begin{array}{c} 1869-70 \\ 1870-71 \\ 1871-72 \\ 1871-72 \\ 1871-73 \\ 1872-73 \\ 1872-73 \\ 1873-74 \\ 1874-75 \\ 1874-75 \\ 1875-76 \\ 1875-70 \\ 1875-70 \\ 1877-78 \\ 1877-78 \\ 1877-78 \\ 1877-78 \\ 1879-80 \\ 1881-82 \\ 1882-83 \\ 1883-84 \\ 1883-84 \\ 1883-84 \\ 1883-84 \\ 1883-84 \\ 1883-86 \\$		$\begin{array}{c} \$37, \$32, 566\\ 42, 580, \$53\\ 45, 935, 681\\ 47, 932, 050\\ 50, 785, 665\\ 54, 722, 250\\ 55, 358, 166\\ 54, 972, 757\\ 56, 155, 133\\ 54, 639, 731\\ 55, 942, 972\\ 58, 012, 463\\ 64, 998, 983\\ 64, 798, 859\\ 68, 384, 275\\ 72, 878, 993\\ 76, 270, 434\\ 78, 639, 964\\ 83, 022, 562\\ 87, 563, 306\\ 91, 836, 484\\ 96, 303, 060\\ 100, 298, 256\\ 104, 500, 329\\ 109, 202, 405\\ 113, 872, 388\\ 124, 192, 270\\ 129, 345, 877\\ 193, 76, 87, 746\\ 143, 375, 507\\ 151, 443, 687\\ 157, 140, 108\\ 167, 824, 754\\ 107\\ 101, 108\\ 167, 824, 754\\ 107\\ 101, 108\\ 167, 824, 753\\ 177, 482, 981\\ 177, 442, 981\\ 177, 426, 2981\\ 177, 142, 981\\ 177, 142, 981\\ 177, 142, 981\\ 177, 426, 2981\\ 177, 187, 2981\\ 177, 426, 2981\\ 177$	\$22, 463, 190 24, 743, 693 26, 174, 197 29, 316, 583 33, 292, 750 32, 499, 951 33, 769, 012 35, 995, 290 38, 685, 408 39, 579, 416 41, 826, 052 44, 272, 042 46, 855, 755 48, 055, 443 25, 938, 205	$\begin{array}{c} \$63, 396, 666\\ 69, 107, 612\\ 74, 234, 476\\ 76, 238, 464\\ 83, 504, C07\\ 83, 082, 578\\ 79, 083, 260\\ 79, 083, 260\\ 76, 093, 260\\ 76, 094, 687\\ 83, 642, 964\\ 88, 990, 466\\ 96, 750, 003\\ 103, 212, 837\\ 110, 322, 545\\ 113, 783, 890\\ 124, 244, 911\\ 1122, 539, 783\\ 140, 566, 715\\ 113, 322, 545\\ 115, 783, 9783\\ 140, 566, 715\\ 117, 502, 843\\ 175, 509, 279\\ 183, 498, 965\\ 187, 682, 269\\ 184, 944, 618\\ 227, 522, 817\\ 238, 262, 291\\ 200, 154, 597\\ 214, 944, 618\\ 227, 522, 827\\ 238, 262, 299\\ 251, 457, 622\\ 273, 216, 227\\ 238, 262, 299\\ 251, 457, 625\\ 273, 216, 227\\ 238, 262, 299\\ 244, 566\\ 273, 226, 212\\ 238, 262, 299\\ 251, 457, 625\\ 273, 216, 227\\ 238, 266, 227\\ 238, 266, 227\\ 238, 266, 227\\ 238, 266, 239\\ 244, 566\\ 273, 216, 227\\ 238, 266, 239\\ 244, 566\\ 273, 216, 227\\ 238, 266, 239\\ 244, 566\\ 273, 216, 227\\ 238, 266, 239\\ 244, 566\\ 273, 216, 227\\ 238, 266, 249\\ 244, 566\\ 273, 216, 267\\ 233, 216, 227\\ 234, 516, 660\\ 245, 626\\ 273, 216, 626\\ 273, 216, 660\\ 245, 626\\ 273, 216, 627\\ 234, 516, 660\\ 256, 216\\ 233, 216, 227\\ 234, 516, 660\\ 256, 216\\ 233, 216, 227\\ 234, 516, 660\\ 256, 216\\ 233, 216, 227\\ 234, 516, 660\\ 256, 216\\ 233, 216, 227\\ 234, 516, 660\\ 256, 216\\ 233, 216, 227\\ 234, 516, 660\\ 256, 216\\ 233, 216, 227\\ 234, 516, 660\\ 256, 216\\ 233, 216, 227\\ 234, 516, 660\\ 256, 216\\ 233, 216, 227\\ 234, 516, 660\\ 256, 216\\ 235, 216, 227\\ 234, 516, 660\\ 256, 216\\$
	00, 100, 100			201,010,000

a Subject to correction.

.

	Ex	pended	per cap	ita of p	opulati	on.		Еx	pended	per pu	pil.	
Year.	United States.	North Atlantic Division.	South Atlantic Division.	South Central Division.	North Central Division.	Western Divi- sion.	United States.	North Atlantic Division.	South Atlantic Division.	South Central Division.	North Central Division.	Western Divi- sion.
$\begin{array}{c} 870-71.\\ 870-71.\\ 1871-72.\\ 1872-73.\\ 1873-74.\\ 1873-74.\\ 1873-74.\\ 1875-76.\\ 1875-76.\\ 1875-77.\\ 1875-78.\\ 1875-79.\\ 1879-80.\\ 1879-80.\\ 1887-81.\\ 1887-81.\\ 1887-82.\\ 1883-84.\\ 1883-84.\\ 1885-86.\\ 1885-96.\\ 1893-94.\\ 1893-94.\\ 1894-95.\\ 1893-94.\\ 1894-95.\\ 1895-96.\\ 1895-96.\\ 1895-96.\\ 1895-96.\\ 1895-96.\\ 1895-96.\\ 1895-96.\\ 1895-96.\\ 1895-96.\\ 1895-96.\\ 1895-96.\\ 1895-96.\\ 1895-96.\\ 1895-96.\\ 1895-96.\\ 1896-97.\\ 1992-3a.\\ 1900-1901.\\ 1901-2.\\ 1902-3a.\\ 1904-5a.\\ $	$\begin{array}{c} \$1.75\\ 1.83\\ 1.84\\ 1.88\\ 1.91\\ 1.85\\ 1.72\\ 1.56\\ 1.56\\ 1.56\\ 1.66\\ 1.63\\ 1.70\\ 1.96\\ 1.96\\ 1.96\\ 1.96\\ 2.07\\ 2.17\\ 2.24\\ 2.31\\ 2.07\\ 2.17\\ 2.24\\ 2.31\\ 2.65\\ 2.62\\ 2.63\\ 2.67\\ 2.55\\ 2.62\\ 2.63\\ 2.67\\ 2.984\\ 2.94\\ 3.03\\ 3.15\\ 3.36\\ 3.53\\ \end{array}$	$\begin{array}{c} \$2, 38\\ 2, 40\\ 2, 41\\ 2, 55\\ 2, 45\\ 2, 29\\ 2, 15\\ 2, 29\\ 2, 103\\ 1, 97\\ 2, 08\\ 2, 11\\ 2, 29\\ 2, 29\\ 2, 12\\ 2, 29\\ 2, 103\\ 2, 108\\ 2, 10$			$\begin{array}{c} \$2.14\\ \$2.31\\ 2.38\\ 2.367\\ 2.21\\ 2.00\\ 2.09\\ 2.19\\ 4.248\\ 2.54\\ 2.54\\ 2.54\\ 2.54\\ 2.54\\ 2.58\\ 2.781\\ 2.85\\ 2.781\\ 3.06\\ 3.23\\ 3.12\\ 3.105\\ 3.27\\ 3.38\\ 5.2\\ 3.65\\ 3.404\\ \end{array}$	$\begin{array}{c} \$2, 15\\ 2, 27\\ 2, 42\\ 2, 76\\ 2, 76\\ 2, 61\\ 2, 76\\ 2, 53\\ 2, 53\\ 2, 53\\ 2, 54\\ 2, 59\\ 2, 76\\ 2, 59\\ 2, 76\\ 2, 83\\ 2, 76\\ 3, 2, 83\\ 2, 96\\ 3, 28\\ 3, 28\\ 3, 28\\ 3, 296\\ 3, 28\\ 3, 28\\ 3, 391\\ 4, 20\\ 3, 67\\ 3, 73\\ 3, 67\\ 3, 73\\ 3, 67\\ 3, 73\\ 3, 81\\ 4, 20\\ 3, 56\\ 3, 81\\ 4, 20\\ 3, 56\\ 4, 80\\ 5, 34\\ 4, 5, 34\\ $		$\begin{array}{r} \$18.31\\ 18.86\\ 19.89\\ 19.89\\ 20.17\\ 19.14\\ 17.89\\ 16.55\\ 15.64\\ 17.14\\ 17.35\\ 15.64\\ 17.14\\ 17.35\\ 19.19\\ 19.11\\ 19.38\\ 20.60\\ 21.64\\ 23.58\\ 23.66\\ 24.89\\ 25.01\\ 26.84\\ 28.77\\ 29.34\\ 28.87\\ 1.82\\ 33.30\\ 35.19\\ 33.39\\ 35.19\\ 33.39\\ 35.19\\ 33.50\\ 35.67\\ 38.60\\ \end{array}$	$\begin{array}{c} \$10, 27\\ 10, 46\\ 9, 25\\ 9, 01\\ 8, 98\\ 8, 98\\ 8, 98\\ 7, 21\\ 6, 76\\ 6, 76\\ 6, 60\\ 7, 22\\ 7, 63\\ 7, 63\\ 7, 21\\ 7, 7, 61\\ 7, 76\\ 7, 33\\ 7, 33\\ 7, 33\\ 7, 33\\ 7, 33\\ 7, 33\\ 7, 33\\ 7, 33\\ 7, 33\\ 8, 56\\ 8, 65\\ 8, 8, 52\\ 8, 65\\ 8, 8, 52\\ 8, 97\\ 9, 61\\ 9, 61\\ 9, 61\\ 9, 91\\ 10, 57\\ 11, 54\\ \end{array}$	$\begin{array}{c} \$9.06\\ 9.08\\ 8.39\\ 7.55\\ 7.51\\ 6.70\\ 6.25\\ 5.65\\ 5.40\\ 2.5\\ 6.25\\ 6.25\\ 6.25\\ 6.25\\ 6.25\\ 6.25\\ 6.26\\ 6.72\\ 8.26\\ 6.93\\ 6.80\\ 7.12\\ 7.78\\ 7.78\\ 7.78\\ 7.72\\ 7.78\\ 7.72\\ 7.78\\ 7.60\\ 7.60\\ 7.09\\ 7.09\\ 7.09\\ 7.07\\ 7.73\\ 2.5\\ 7.78\\ 1.6\\ 8.92\\ 9.58\\ 10.44\\ \end{array}$		$\begin{array}{c} \$21.87\\ 23.57\\ 25.04\\ 24.36\\ 26.85\\ 24.69\\ 25.82\\ 23.39\\ 22.59\\ 23.89\\ 24.49\\ 25.82\\ 25.99\\ 24.49\\ 25.59\\ 24.49\\ 25.59\\ 24.49\\ 25.59\\ 24.49\\ 25.59\\ 24.33\\ 55.52\\ 27.38\\ 29.37\\ 33.42\\ 33.55\\ 33.57\\ 27.16\\ 29.06\\ 29.06\\ 29.06\\ 29.06\\ 33.25\\ 33.55\\ 33.57\\ 27.16\\ 25.86\\ 28.29\\ 22.58\\ 30.98\\ 30.98\\ 32.26\\ 32.85\\ 35.66\\ 34.03\\ 35.56\\ 35.66\\ 34.03\\ 35.56\\ 35.66\\ 34.03\\ 35.56\\ 35.66\\ 34.03\\ 35.56\\ 35.66\\ 34.03\\ 35.56\\ 35.66\\ 34.03\\ 35.56\\ 35.66\\ 34.03\\ 35.56\\ 35.66\\ 34.03\\ 35.56\\ 35.66\\ 34.03\\ 35.56\\ 35.66\\ 34.03\\ 35.56\\ 35.66\\ 34.03\\ 35.56\\ 35.66\\ 34.03\\ 35.56\\ 35.66\\ 34.03\\ 35.56\\ 3$

TABLE 18.—(1) School expenditure per capita of population; (2) Same per capita of average attendance.

a Subject to correction.

State or Territory.		on of real and property. a	Expenditu schools(c paid).	re for public xcludingdebt	Expend public on each true va of all and pe prop	schools \$100 of luation rcal rsonal
	1880.	1890.	1880.	1890.	1880.	1890.
United States	\$43, 642, 000, 000	\$64,829,040,611	\$78,094,687	\$140, 506, 715	Cents. 17.9	Cents. 21. 7
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	$\begin{array}{c} 17,533,000,000\\ 3,759,000,000\\ 3,882,000,000\\ 16,186,000,000\\ 2,282,000,000 \end{array}$	$\begin{array}{c} 21,435,491,864\\ 5,132,980,666\\ 6,193,230,433\\ 25,255,915,549\\ 6,811,422,099 \end{array}$	$\begin{array}{c} 28,538,058\\ 5,130,492\\ 4,872,829\\ 35,285,635\\ 4,267,673 \end{array}$	$\begin{array}{r} 48,023,492\\ 8,767,165\\ 10,678,680\\ 62,823,563\\ 10,213,815 \end{array}$	$     \begin{array}{r}       16.3 \\       13.6 \\       12.6 \\       21.8 \\       18.7 \\       18.7     \end{array} $	22. 417. 117. 224. 915. 0
North Atlantic Division: Maine. New Hampshire. Vermont. Rhode Island. Connecticut. New York. New York. New Jersey. Pennsylvania.	$\begin{array}{c} 511,000,000\\ 363,000,000\\ 302,000,000\\ 2,623,000,000\\ 400,000,000\\ 779,000,000\\ 6,308,000,000\\ 1,305,000,000\\ 1,305,000,000\\ \end{array}$	$\begin{array}{c} 489, 134, 128\\ 325, 128, 740\\ 265, 567, 323\\ 2, 803, 645, 447\\ 504, 162, 352\\ 835, 120, 219\\ 8, 576, 701, 991\\ 1, 445, 285, 114\\ 6, 190, 746, 550\end{array}$	$\begin{array}{c} 1,067,991\\ 565,359\\ 446,217\\ 4,983,900\\ 526,112\\ 1,408,375\\ 10,296,977\\ 1,873,465\\ 7,369,682\end{array}$	$\begin{array}{c} 1,327,553\\ b844,333\\ 711,072\\ 8,286,062\\ 884,966\\ 2,157,014\\ 17,543,880\\ c3,340,190\\ 12,928,422 \end{array}$	$\begin{array}{c} 20.9\\ 15.6\\ 14.8\\ 18.9\\ 13.2\\ 18.1\\ 16.3\\ 14.4\\ 14.9 \end{array}$	$\begin{array}{c} 27.1\\ 26.0\\ 26.8\\ 29.6\\ 17.6\\ 25.8\\ 20.5\\ 23.1\\ 20.9\end{array}$
South Atlantic Division: Delaware. Maryland. District of Columbia Virginia. West Virginia. North Carolina. South Carolina. Georgia. Florida. South Central Division:	$\begin{array}{c} 136,000,000\\ 837,000,000\\ 220,000,000\\ 707,000,000\\ 350,000,000\\ 461,000,000\\ 322,000,000\\ 606,000,000\\ 120,000,000\end{array}$	$\begin{array}{c} 175,678,795\\ 1,085,473,048\\ 343,596,733\\ 862,318,070\\ 438,954,881\\ 584,148,999\\ 400,911,303\\ 852,409,449\\ 389,489,388\end{array}$	$\begin{array}{c} 207,281\\ 1,544.367\\ 438,567\\ 946,109\\ 707,553\\ 376,062\\ 324,629\\ 471,029\\ 114,895\end{array}$	$\begin{array}{c} 275,009\\ 1,910,663\\ 905,777\\ 1,604,509\\ 1,198,493\\ 714,900\\ 450,936\\ 1,190,354\\ 516,533\end{array}$	$15.2 \\ 18.5 \\ 19.9 \\ 13.4 \\ 20.2 \\ 8.2 \\ 10.1 \\ 7.8 \\ 9.6$	$\begin{array}{c} 15.\ 7\\ 17.\ 6\\ 26.\ 4\\ 18.\ 6\\ 27.\ 3\\ 12.\ 2\\ 11.\ 2\\ 14.\ 0\\ 13.\ 3\end{array}$
South Central Division: Kentucky. Tennessee Alabama Mississippi Louisiana Texas Arkansas Oklahoma	$\begin{array}{c} 902,000,000\\ 705,000,000\\ 428,000,000\\ 354,000,000\\ 382,000,000\\ 825,000,000\\ 825,000,000\\ 286,000,000\end{array}$	$\begin{array}{c} 1,172,232,313\\ 887,956,143\\ 622,773,504\\ 454,242,688\\ 495,301,597\\ 2,105,576,766\\ 455,147,422 \end{array}$	$\begin{array}{c} 1,069,030\\744,180\\500,000\\830,705\\411,858\\1,030,000\\287,056\end{array}$	$\begin{array}{c} 2,140,678\\ 1,526,241\\ 890,000\\ 1,109,575\\ 817,110\\ 3,178,300\\ 1,016,776\end{array}$	$11.9 \\ 10.6 \\ 11.7 \\ 23.5 \\ 10.8 \\ 12.5 \\ 10.0$	$18.3 \\ 17.2 \\ 14.3 \\ 24.4 \\ 16.5 \\ 15.1 \\ 22.3$
Indian Territory North Central Division:						
Ohio Indiana. Illinois. Michigan. Wisconsin. Minnesota. Iowa. Missouri. North Dakota. South Dakota. Nebraska. Kansas. Western Division:	1,580,000,000 1,139,000,000 792,000,000 1,721,000,000 1,562,000,000	$\begin{array}{c} 3, 951, 382, 384\\ 2, 095, 176, 626\\ 5, 066, 751, 719\\ 2, 095, 016, 272\\ 1, 833, 308, 523\\ 1, 691, 851, 927\\ 2, 287, 348, 333\\ 2, 307, 002, 945\\ \{\begin{array}{c} 337, 006, 556\\ 425, 141, 299\\ 1, 275, 685, 514\\ 1, 799, 343, 501 \end{array}\right.$	$\left. \left. \begin{array}{c} 7,166,963\\ 4,491,850\\ 7,014,092\\ 2,775,917\\ 2,177,023\\ 1,328,429\\ 4,484,043\\ 2,675,364\\ 2,45,000\\ 1,108,617\\ 1,818,337 \end{array} \right. \right\}$	$ \begin{array}{c} 10,\ 602,\ 238\\ 5,\ 245,\ 218\\ 11,\ 645,\ 126\\ 5,\ 349,\ 366\\ 3,\ 801,\ 212\\ 4,\ 187,\ 310\\ 6,\ 382,\ 953\\ 5,\ 434,\ 262\\ f \\ 626,\ 949\\ 1,\ 199,\ 630\\ 3,\ 376,\ 332\\ 4,\ 972,\ 967\\ \end{array} $	$\left.\begin{array}{c} 22.1\\ 26.7\\ 21.9\\ 17.6\\ 19.1\\ 16.8\\ 26.1\\ 17.1\\ \end{array}\right\} \begin{array}{c} 20.8\\ 28.8\\ 23.9 \end{array}\right.$	$\left\{\begin{array}{c} 26.8\\ 25.0\\ 23.0\\ 25.5\\ 20.7\\ 24.7\\ 24.7\\ 22.7\\ 8.6\\ 28.2\\ 26.5\\ 27.6\end{array}\right.$
Western Drison. Montana Wyoming Colorado New Mexico Arizona Utah Nevada Idaho Washington Oregon California	$\begin{array}{c} 240,000,000\\ 49,000,000\\ 41,000,000\\ 114,000,000\\ 156,000,000\\ 29,000,000\\ 62,000,000\end{array}$	$\begin{array}{c} 453, 135, 209\\ 169, 773, 710\\ 1, 145, 712, 267\\ 231, 450, 897\\ 188, 880, 976\\ 349, 411, 234\\ 180, 323, 668\\ 207, 896, 591\\ 760, 698, 726\\ 590, 396, 194\\ 2, 533, 733, 627\\ \end{array}$	$\begin{array}{c} 78,730\\ 28,505\\ 395,227\\ 28,973\\ 61,172\\ 132,194\\ 220,245\\ 38,411\\ 112,615\\ 307,031\\ 2,864,571 \end{array}$	$\begin{array}{c} 364.084\\ 225,600\\ 1,681,379\\ 85,000\\ 181,914\\ 394,685\\ 161,481\\ 169,02\\ 958,111\\ 805,979\\ 5,187,162\\ \end{array}$	$\begin{array}{c} 19.\ 7\\ 5.\ 3\\ 16.\ 5\\ 5.\ 9\\ 14.\ 9\\ 11.\ 6\\ 14.\ 1\\ 13.\ 2\\ 18.\ 2\\ 19.\ 9\\ 21.\ 3\end{array}$	$\begin{array}{c} 8.0\\ 13.3\\ 14.7\\ 3.7\\ 9.6\\ 11.3\\ 9.0\\ 8.1\\ 12.6\\ 13.7\\ 20.5\end{array}$

TABLE	19 Weal	h and schoo	l expenditure	, 1880 and 1890.
-------	---------	-------------	---------------	------------------

a From United States census reports. b Includes debt paid, if any. Amount of revenue.

State or Territory.		ion of real and property. <i>a</i>	Expenditur schools(er paid).	re for public kcludingdebt	Expended for public schools on each \$100 of true valuation of all real and personal property.		
	1900.	1904.	1900.	1904.	1900.	1904.	
United States	\$88, 517, <b>30</b> 6, 775	\$107, 104, 211, 917	\$214, 964, 618	\$273, 216, 227	Cents. 24.3	Cents. 25.5	
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	$\begin{array}{c} 32, 306, 482, 253\\ 6, 679, 190, 048\\ 8, 207, 174, 377\\ 33, 446, 949, 385\\ 7, 877, 510, 712 \end{array}$	$\begin{array}{c} 38, 301, 608, 078 \\ 7, 936, 882, 961 \\ 10, 052, 467, 528 \\ 40, 820, 672, 079 \\ 9, 992, 581, 271 \end{array}$	$\begin{array}{c} 83,910,564\\ 12,921,797\\ 14,753,816\\ 86,165,827\\ 17,212,614\end{array}$	$\begin{array}{c} 105,332,839\\ 15,907,956\\ 19,870,733\\ 107,663,687\\ 24,441,012 \end{array}$	$26.0 \\ 19.4 \\ b 18.8 \\ 25.8 \\ 21.8 \\$	27.520.019.826.424.5	
North Atlantic Division: Maine. New Hampshire. Vermont. Massachusetts. Rhode Island. Connecticut. New York. New Jersey. Pennsylvania. South Atlantic Division.	$\begin{array}{c} 682, 133, 741\\ 472, 145, 849\\ 329, 916, 808\\ 4, 355, 903, 855\\ 710, 564, 856\\ 1, 198, 753, 757\\ 12, 505, 330, 137\\ 2, 733, 593, 134\\ 9, 315, 140, 116\end{array}$	$\begin{array}{c} 775, 622, 722\\ 516, 809, 204\\ 360, 330, 089\\ 4, 956, 578, 913\\ 799, 349, 601\\ 1, 414, 635, 063\\ 14, 769, 0.12, 207\\ 3, 235, 619, 973\\ 11, 473, 620, 306\end{array}$	$\begin{array}{c} 1,712,795\\ 1,052,202\\ 1,074,222\\ 13,826,243\\ 1,548,675\\ 3,189,249\\ 33,421,491\\ 6,608,692\\ 21,476,995 \end{array}$	$\begin{array}{c} 2,080,109\\ 1,376,899\\ 1,176,784\\ 16,436,668\\ 1,804,762\\ 3,795,260\\ 43,750,277\\ 8,838,515\\ 26,073,565\end{array}$	$\begin{array}{c} 25.1\\ 22.3\\ 32.6\\ 31.7\\ 21.8\\ 26.6\\ 26.7\\ 24.2\\ 23.1 \end{array}$	26.8 26.6 32.6 33.2 22.6 26.8 29.8 27.3 22.7	
South Atlantic Division: Delaware Maryland District of Columbia Virginia West Virginia North Carolina South Carolina Florida South Central Division:	$\begin{array}{c} 211,711,483\\ 1,317,372,958\\ 928,739,773\\ 1,102,309,696\\ 659,652,551\\ 681,982,120\\ 485,678,048\\ 936,000,450\\ 355,742,969 \end{array}$	$\begin{array}{c} 230, 260, 976\\ 1, 511, 488, 172\\ 1, 040, 383, 173\\ 1, 287, 970, 180\\ 840, 000, 149\\ 842, 072, 218\\ 585, 853, 222\\ 1, 167, 445, 671\\ 431, 409, 200 \end{array}$	453,670 2,803,032 1,076,620 1,989,238 2,009,123 950,317 894,004 1,980,016 - 765,777	$\begin{smallmatrix} c & 453, 670 \\ 2, 755, 288 \\ 1, 576, 354 \\ 2, 137, 365 \\ 2, 531, 655 \\ 2, 075, 566 \\ 1, 191, 963 \\ 2, 240, 247 \\ 945, 848 \end{smallmatrix}$	$21.4 \\ 21.3 \\ 11.6 \\ 18.0 \\ 30.5 \\ 13.9 \\ 18.8 \\ 21.2 \\ 21.5 \\$	$     \begin{array}{r}       18.2 \\       15.1 \\       16.6 \\       30.1 \\       24.6 \\       20.3 \\       19.2 \\       21.9 \\     \end{array} $	
Kentucky Tennessee Alabama Missisippi Louisiana Texas Arkansas Oklahoma India Territory	$\begin{array}{c} 1, 365, 130, 718\\ 956, 672, 000\\ 774, 682, 478\\ 557, 581, 543\\ 815, 158, 003\\ 2, 322, 151, 631\\ 604, 218, 211\\ 463, 307, 150\\ 348, 272, 643 \end{array}$	$\begin{array}{c} 1,527,486,230\\ 1,104,223,979\\965,014,261\\688,249,092\\ 1,032,229,006\\2,836,322,003\\803,907,972\\636,013,700\\459,021,355\end{array}$	$\begin{array}{c} 3,037,908\\ 1,751,047\\ 923,464\\ 1,385,112\\ d\ 1,135,125\\ 4,465,255\\ 1,369,810\\ 686,095\\ \end{array}$	$\begin{array}{c} 2, 662, 863\\ 2, 602, 141\\ 1, 252, 247\\ 1, 868, 544\\ 1, 551, 232\\ 6, 200, 587\\ 1, 729, 879\\ 1, 359, 624\\ 643, 616\end{array}$	$\begin{array}{c} 22.3\\ 18.3\\ 11.8\\ 24.7\\ 13.9\\ 19.2\\ 22.7\\ 14.8\end{array}$	$17.4 \\ 23.6 \\ 13.0 \\ 27.1 \\ 15.0 \\ 21.9 \\ 21.5 \\ 21.4 \\ 14.0$	
North Central Division: Ohio Indiana. Illinois. Michigan. Wisconsin. Minesota. Iowa. North Dakota. South Dakota. Nebraska. Kansas.	$\begin{array}{c} 5,019,004,453\\ 2,606,493,004\\ 6,976,476,400\\ 2,654,281,523\\ 2,405,354,427\\ 2,513,620,826\\ 3,367,869,054\\ 3,244,532,987\\ 542,380,565\\ 552,732,580\\ 1,626,203,203\\ 1,938,000,363\\ \end{array}$	$\begin{array}{c} 5, 946, 969, 466\\ 3, 105, 781, 739\\ 8, 816, 556, 191\\ 3, 282, 419, 117\\ 2, 838, 678, 239\\ 3, 343, 722, 076\\ 4, 048, 516, 076\\ 3, 759, 597, 451\\ 733, 802, 909\\ 679, 840, 939\\ 2, 009, 563, 653\\ 2, 253, 224, 243\end{array}$	$\begin{array}{c} 13, 335, 211\\ 8, 182, 526\\ 17, 757, 145\\ 7, 297, 691\\ 5, 493, 370\\ 5, 630, 013\\ 8, 496, 522\\ 7, 816, 050\\ 1, 526, 090\\ 1, 605, 623\\ 4, 403, 222\\ 4, 622, 364\\ \end{array}$	$\begin{array}{c} 15,802,002\\ 9,363,450\\ 21,792,751\\ 9,158,014\\ 7,885,050\\ 8,073,233\\ 10,696,693\\ 9,878,198\\ 2,316,346\\ 2,239,135\\ 4,774,146\\ 5,684,579\end{array}$	$\begin{array}{c} 26.6\\ 31.4\\ 25.5\\ 27.5\\ 22.8\\ 22.4\\ 25.2\\ 24.1\\ 28.1\\ 29.0\\ 27.1\\ 23.9 \end{array}$	$\begin{array}{c} 26.6\\ 30.1\\ 21.7\\ 27.9\\ 27.8\\ 24.1\\ 26.4\\ 26.3\\ 31.5\\ 32.9\\ 23.8\\ 25.2 \end{array}$	
Western Division: Montana. Wyoming. Colorado. New Mexico. Arizona. Utah. Nevada. Idaho. Washington. Oregon. California.	$190, 626, 987 \\276, 374, 806 \\781, 599, 063$	$\begin{array}{c} 746, 311, 213\\ 329, 572, 241\\ 1, 207, 542, 107\\ 332, 262, 650\\ 306, 302, 305\\ 487, 68, 615\\ 220, 734, 507\\ 342, 871, 863\\ 1, 051, 671, 432\\ 852, 053, 232\\ 4, 115, 491, 106 \end{array}$	$\begin{array}{c} 923,310\\ 253,551\\ 2,793,648\\ 343,429\\ 299,730\\ 1,094,757\\ 224,622\\ 400,043\\ 2,375,753\\ 1,594,420\\ 6,909,351\end{array}$	$\begin{array}{c} 1,236,253\\ c\ 253,551\\ 3,984,967\\ 353,012\\ 438,828\\ 1,657,234\\ 257,501\\ 1,001,394\\ 4,053,468\\ 1,803,339\\ 9,401,465\end{array}$	$\begin{array}{c} 15.0\\ 9.0\\ 29.8\\ 12.8\\ 11.4\\ 26.5\\ 11.8\\ 14.5\\ 30.4\\ 25.2\\ 21.5\end{array}$	$\begin{array}{c} 16.6\\ 33.0\\ 10.6\\ 14.3\\ 34.0\\ 11.7\\ 29.1\\ 38.6\\ 21.2\\ 22.8\end{array}$	

TABLE 20. - Wealth and school expenditure, 1900 and 1904.

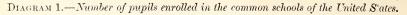
a From United States census reports. b Excluding Indian Territory.

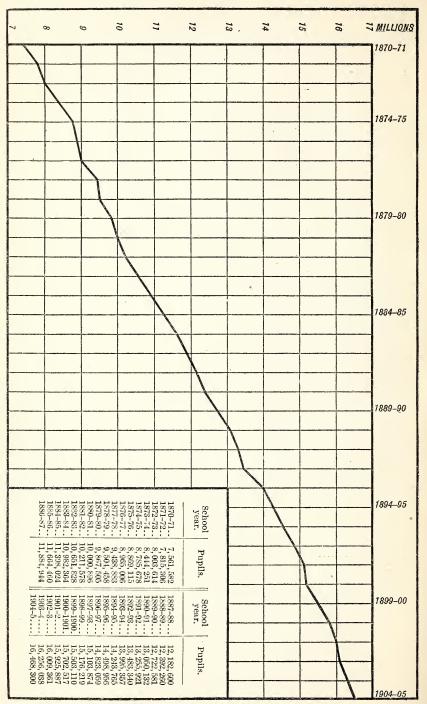
¢ Expenditure in 1900. d Expenditure in 1899.

	Permanent	Producti lan		Total value of	Unp <b>ro</b> ductive school lands.			
State or Territory.	school funds,State and local.a		Estimated value of same.	permanent funds and productive lands.	Acres not under lease.	Estimated value of same.		
1	2	3	+	5	6	7		
United States	\$192,077,288		· · · · · · · · · · · · · · · · · · ·					
North Atlantic Division South Atlantic Division	22, 190, 766 4, 658, 695							
South Atlantic Division South Central Division North Central Division Western Division.	$\begin{array}{r} 22, 190, 766\\ 4, 658, 695\\ 50, 985, 625\\ 97, 237, 267\\ 17, 004, 935 \end{array}$							
North Atlantic Division:								
Maine. New Hampshire Vermont	$\begin{array}{r} 442,758\\ 59,470\\ 1,120,218\end{array}$	0 0		\$59,470 1,120,218	0 0	0 0		
Massachusetts Rhode Island Connecticut	$\begin{array}{r} 4,880,111\\ 257,414\\ 2,022,502 \end{array}$							
New York. New Jersey Pennsylvania	8,971,863 4,436,430	( <sup>b</sup> ) 0	0	8,971,863	(b) 0	0		
South Atlantic Division: Delaware (1896–97). Maryland.	c 350, 000	0	0	c 350, 000	0	0		
District of Columbia Virginia (1902–3) West Virginia	$0 \\ 1,783,828$	0 0	0	$\begin{smallmatrix}&&0\\1,783,828\end{smallmatrix}$		0 0		
North Carolina (1903-4) South Carolina	200,000	0	0	200,000	500,000	\$500,000		
Georgia. Florida (1903–4). South Central Division:	1,324,867	(f)						
Kentucky (1901–2) Tennessee (1903–4) Alabama (1902–3)	$\begin{array}{c} 2,315,627\\ 2,512,500\\ 2,135,313\\ 3,466,667\end{array}$				•••••			
Mississippì (1902–3) Louisiana Texas.	39,421,018	7,000.000	\$10,500,000	49,921,018	8,000,000	8, 195, 444		
Arkansas. Oklahoma Indian Territory		2,055,000	20,000,000					
North Central Division: Ohio (1901-2) Indiana	4 002 677				805	35,413		
Illinois. Michigan Wisconsin	4,003,077 10,641,226 17,431,778 5,228,333 3,609,213	0	0	3,609,213	20,106	100,000		
Minnesota Iowa	$\begin{array}{c} 15,978,478\\ 4,760,521\\ 13,325,588\end{array}$	0	Ŏ	15,978,478	1,000,000	5,354,088		
Missouri North Dakota (1903-4) South Dakota (1903-4) Nebraska Kansas	4,764,923 4,095,938	$(g) \\ 1, 197, 899 \\ 1, 920, 458 \\ 85, 000$	$17,968,484\\12,000,000\\250,000$	$\begin{array}{c} 22,064,422\\ 17,844,262\\ 7,803,330 \end{array}$	${}^{h\ 2,\ 166,\ 154}_{\ 705,\ 925}_{\ 497}_{\ 450,\ 000}$	$\begin{array}{c} 21,661,540\\ i7,059,250\\ 2,000\\ 1,245,000 \end{array}$		
Western Division: Montana (1902-3) Wyoming. Colorado New Mexico	<i>i</i> 1, 251, 901 0	$\begin{smallmatrix} 1,476,638\\2,400,000\\1,877,042\\1,152,000 \end{smallmatrix}$	2,500,000 4,800,000 6,569,647	3, 118, 777 7, 821, 548	$\begin{array}{c} 1,000,000\\ 1,058,000\\ 1,912,156\\ 2,275,200 \end{array}$	$1,500,000\ 529,000\ 6,692,546$		
Utah (1903–4) Nevada (1903–4)	444 418	72,000	126,000	570, 418	1,838,361	2,757.541		
Washington. Oregon	$     \begin{array}{c}                                     $	$110,563 \\ 888,651 \\ 0$	1,105,636 8,000,000 0	$\begin{array}{r} 2,347.604 \\ 11,297,448 \\ 4,253,398 \end{array}$	$c 889, 437 \\ 1, 362, 000 \\ 500, 000$	c 8, 894, 370		
Arizona. Utah (1903–4). Nevada (1903–4) Idaho	$\begin{array}{r} 444,418\\ 1,602,275\\ k1,241,968\\ 3,297,448\\ 4,253,398\end{array}$	72,000 110,563 888,651	1,105,636 8,000,000	2,347,604 11,297,448	1,838,361 c 889,437 1,362,000			

### TABLE 21.--Permanent school funds and school lands.

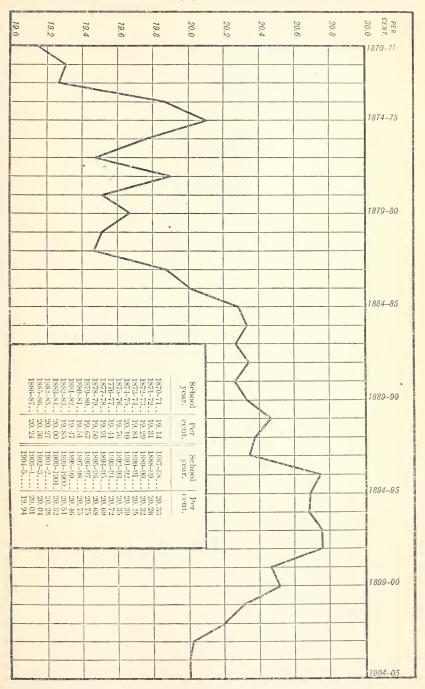
a Including unpaid principal due on contracts for purchase of school lands. b Riparian lands; amount not determined. c Approximately. d Limited to \$1,000,009 by constitutional amendment of 1902. e Half the Western and Atlantic R. R. and some stock of the Georgia R. R. f Oyster lands; amount not known. g Included in column 6. h Includes lands under lease. i Constitutional minimum price \$10 per acre. j In 1901-2. k In 1902-3.





ACTION INCOMENT AND IN

DIAGRAM 2.--- Per cent of population enrolled in common schools.



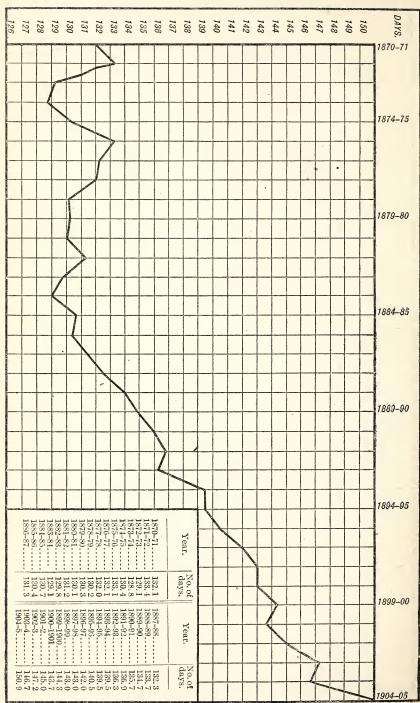


DIAGRAM 3.—Length of school term.

EDUCATION REPORT, 1905.

DIAGRAM 4	School e.	penditure	per capita of	population.
-----------	-----------	-----------	---------------	-------------

1.50	7.60	1.70	1.80	1.90	2.00	2.10	2.20	2.30	2.40	2.50	2.60	2.70	2.80	2.90	3.00	3.10	3 20	3.30	3.40	3 50 1870-71
													1879-80						Year. Expen-	1874-75
										1902-3	1900-1901	1898-99	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	1893-94	1891-92	1889-90	1887-88		'e Year. Expen-	1879–80
																				1884-85
																				1889–90
																				1894–95
																-				1899-00
																				1904-05

	1871	1875	1880	1884-85	1889-90	1894-95	1899-00	
800,000		IIII		TITT	TTE	TTITT		
750,000	School year.	In public high schools.	In private high schools.	In both classes of schools.				
700,000	1872		$38,280 \\ 48,660 \\ 56,640 \\ 61,860$					
550,000	1875 1876 1877 1878 1879	$\begin{array}{r} 22,982\\ 24,925\\ 28,124\\ 27,163\end{array}$	$\begin{array}{r} 68,580 \\ 73,740 \\ 73,560 \\ 73,620 \\ 74,160 \end{array}$	$\begin{array}{r} 96,722\\98,485\\101,744\\101,323\\102,449\\116,754\end{array}$				
500,000	1880 1881 1882-83 1883-84 1884-85	$\begin{array}{c} 26,609\\ 36,594\\ 39,581\\ 34,672\\ 35,307\end{array}$	75, 840 80, 160 88, 920 95, 280 97, 020	$102, 449 \\116, 754 \\128, 501 \\129, 952 \\132, 327 \\156, 641 \\162, 164$				/
550,000	1885-86 1886-87 1887-88 1888-89 1888-89 1889-90	$\begin{array}{c} 70,241 \\ 80,004 \\ 116,009 \\ 125,542 \\ 202,963 \end{array}$	$\begin{array}{c} 86,400\\ 83,160\\ 69,600\\ 79,440\\ 94,931 \end{array}$	$156, 641 \\ 163, 164 \\ 185, 609 \\ 204, 982 \\ 297, 894 \\ 309, 996 \\ 240, 905 $				
500,000	1890–91 1891–92 1892–93 1893–94 1894–95	211,596 239,556 254,023	$\begin{array}{r} 98,400\\ 100,739\\ 102,375\\ 118,645\\ 118,347\end{array}$	$\begin{array}{c} 309, 996\\ 340, 295\\ 356, 398\\ 407, 919\\ 468, 446\\ 487, 147\\ 517, 066\end{array}$				
\$50,000	1895-96 1896-97 1897-98	380, 493 409, 433 449, 600	106,654 107,633	$\begin{array}{c} 468, 446 \\ 487, 147 \\ 517, 066 \\ 554, 825 \\ 580, 065 \\ 630, 048 \\ 630, 048 \end{array}$				
00,000	1898–99 1899–1900. 1900–1901. 1901–2 1902–3		$107, 325 \\105, 225 \\103, 838 \\110, 797 \\108, 221 \\104, 690 \\101, 847 \\101,$	$\begin{array}{c} 630,048\\649,951\\655,301\\694,060\\739,215\\786,909\end{array}$				
350,000	1903–4 1904–5	530, 011 592, 213 635, 808 679, 702	101, 847 103, 407 107, 207	739, 215 786, 909				
800,000								
250,000		_			4			
200,000					$\mathbb{A}$			
50.000								
00,000		Tot	al			Prin	vate.	4
50,000	Pr	vate:		X				

DIAGRAM 5.—Number of secondary students in public and private secondary schools.

こと、 していたいないに、 ひ に ちょう

975       Per cent in—         925       Year.       Public high schools.       Total.         960       1571       0.007       1572         960       1572       0.007       1572         960       1573       0.027       1572         960       1572       0.027       1572         960       1573       0.127       1573         960       1575       0.031       164       0.213         975       1575       0.066       152       205         976       1575       0.066       152       205         970       1584       0.063       161       204       0.071         970       1584       0.063       151       204       0.071         970       1584       0.03       173       236       237       4         970       1584       0.03       153       204       0.01       207         971       1584       0.03       153       204       0.03       153       204       0.01       153         970       1584       153       153       154       155       154       155       155       155	PER CENT.	1871 1871		<sub>i</sub> 1880	1884-85	1889-90	1894-95	1899-00	1904-05
Jos         Year.         Public high schools.         Total. high schools.           900         1871.         0.067         190           850         1871.         120         120           850         1873.         157         157           850         1873.         157         157           825         1873.         157         157           800         1877.         0.651         164         0.215           800         1877.         0.651         164         0.215           800         1877.         0.651         164         0.215           918         1878.         0.653         152         203           700         1881.         071         156         275           1881.         073         186         173         236           1881.         063         174         237           1881.         164         116         310         164           189.92         133         236         174         169           189.92         134         163         163         164         165           189.92         174         199         19	:975								
high schools.       high schools.       high schools.       high schools.         900       schools.       0.007       1571         825       1573       120       1371         825       1575       1457       145         825       1575       0.051       146       0.215         800       1577       0.651       146       0.215         800       1575       0.651       164       0.214         775       1575       0.653       152       204         776       1581       0.61       166       230         7700       1581-58.       1166       221       725         1885-86.       1122       176       727       726         1885-86.       1122       176       727       727         1885-87.       130       131       204       54         0.50       1889-90.       321       132       176         0.61       1890-91.       333       151       699         1890-91.       333       151       699       551       169         190-97.       151       169       161       725       161 <t< td=""><th>.950</th><td></td><td>Per ee</td><td>nt in—</td><td></td><td></td><td></td><td></td><td></td></t<>	.950		Per ee	nt in—					
900         schools.         schools.           8675         1871	.925	Year.		Private	Total.				
850       1572       120         825       1573       145         800       1576       0.061       164       0.215         800       1577       0.064       10       214         775       1576       0.063       152       214         776       1576       0.063       152       214         775       1580       0.063       152       214         775       1581       0.063       174       237         775       1583       -44       0.063       174       237         776       1585       -603       173       236       -       -         776       1585       -603       174       237       -       -       -         770       1585       -864       122       775       129       -	.900		schools.	schools.					
350 $150$ $150$ $150$ $150$ $800$ $157$ $0.65$ $160$ $214$ $775$ $1575$ $0.66$ $160$ $214$ $775$ $1575$ $0.66$ $122$ $14$ $166$ $750$ $1881$ $0.068$ $152$ $0.95$ $166$ $210$ $750$ $1881$ $0.063$ $173$ $236$ $174$ $237$ $770$ $1883$ $0.03$ $173$ $236$ $174$ $237$ $700$ $188-87$ $0.03$ $173$ $236$ $173$ $236$ $603$ $188-89$ $205$ $130$ $353$ $165$ $624$ $166$ $691$ $188-90$ $234$ $154$ $476$ $666$ $695$ $189$ $989$ $657$ $189$ $989$ $656$ $189$ $989$ $612$ $110$ $824$ $162$ $110$ $836$ $161$ $162$ $110$ $836$ $161$ $190$ $980$ $1612$ $110$	.875	1871		0,097					
350 $150$ $150$ $150$ $150$ $800$ $157$ $0.65$ $160$ $214$ $775$ $1575$ $0.66$ $160$ $214$ $775$ $1575$ $0.66$ $122$ $14$ $166$ $750$ $1881$ $0.068$ $152$ $0.95$ $166$ $210$ $750$ $1881$ $0.063$ $173$ $236$ $174$ $237$ $770$ $1883$ $0.03$ $173$ $236$ $174$ $237$ $700$ $188-87$ $0.03$ $173$ $236$ $173$ $236$ $603$ $188-89$ $205$ $130$ $353$ $165$ $624$ $166$ $691$ $188-90$ $234$ $154$ $476$ $666$ $695$ $189$ $989$ $657$ $189$ $989$ $656$ $189$ $989$ $612$ $110$ $824$ $162$ $110$ $836$ $161$ $162$ $110$ $836$ $161$ $190$ $980$ $1612$ $110$		1873 1874		. 137					A + I
150       159       .053       .152       .203         .750       1880       .051       .156       .204         .725       1888       .063       .174       .237         .700       1888       .063       .174       .237         .700       1888       .063       .174       .237         .701       1888       .063       .174       .237         .700       1888       .063       .174       .237         .700       1888       .063       .174       .237         .675       1886       .122       .130       .272         .675       1886       .234       .152       .176         .650       189	.825	1875	0.051	, 157	0.215			F	
150       159       .053       .152       .203         .750       1880       .051       .156       .204         .725       1888       .063       .174       .237         .700       1888       .063       .174       .237         .700       1888       .063       .174       .237         .701       1888       .063       .174       .237         .700       1888       .063       .174       .237         .700       1888       .063       .174       .237         .675       1886       .122       .130       .272         .675       1886       .234       .152       .176         .650       189		1877	.054	. 160	.214 .214				/
.600       1831		1879	. 058	. 152	. 208		2	4	
183       183       84		1881	.071 .074	. 156	. 227				1
		1883-84 1884-85	. 063	$.174 \\ 173$	. 237				
.650 $1888-90$ $225$ $130$ $335$ $.625$ $189-91$ $331$ $154$ $415$ $.625$ $189-92$ $330$ $155$ $624$ $.600$ $182-80$ $333$ $154$ $557$ $.600$ $182-80$ $330$ $154$ $557$ $.600$ $189-89$ $.601$ $.681$ $.671$ $.691$ $.575$ $189-90$ $.574$ $.151$ $.725$ $$ $$ $.550$ $1898-90$ $.612$ $.140$ $.782$ $$ $$ $.550$ $1898-90$ $$ $$ $$ $$ $$ $$ $.500$ $1897-99$ $$	1 1	1885-86	.122	.150 .142	.272 .278			1	
.025 $1890-901$ $.331$ $154$ $.624$ $.000$ $1892-92$ $.383$ $154$ $.575$ $.000$ $1892-93$ $.383$ $154$ $.537$ $.575$ $1892-96$ $.539$ $151$ $.099$ $.575$ $1895-96$ $.539$ $151$ $.099$ $.550$ $1896-97$ $.573$ $151$ $.099$ $.550$ $1896-99$ $.618$ $.115$ $.763$ $.550$ $1896-99$ $.618$ $.115$ $.763$ $.500$ $190-190$ $.687$ $.117$ $.834$ $.500$ $190-2$ $.701$ $133$ $.834$ $.500$ $190-2$ $.701$ $123$ $.834$ $.500$ $190-3$ $.823$ $130$ $.953$ $.455$ $190-5$ $.823$ $130$ $.953$ $.456$ $.903$ $.953$ $.953$ $.953$ $.425$ $.975$ $.975$ $.975$ $.975$ $.330$		1888-89	205	. 130	. 335				
.600 $1893-93$ .383       .154       .537         .600 $1893-94$ .425       .174       .681         .675 $1894-96$ .579       .151       .691         .675 $1894-96$ .573       .151       .692         .650 $1896-97$ .573       .151       .725         .650 $1896-99$ .613       .115       .763         .525 $1898-99$ .613       .116       .782         .500 $1900-1900$ .687       .117       .834         .500 $1900-1900$ .687       .114       .834         .500 $1900-190$ .687       .114       .834         .500 $1902-3$ .701       .133       .834         .500 $1902-3$ .823       .130       .953         .475 $1903-4$ .795       .130       .925         .450       .903       .823       .130       .953         .425             .350	1	1890-91	, 331	.154	. 485				
.575 $1894-95$ $.500$ $.172$ $.681$ $.550$ $1896-96$ $.539$ $.151$ $.025$ $.550$ $1896-97$ $.618$ $.145$ $.725$ $.525$ $1897-98$ $.618$ $.145$ $.763$ $.525$ $1898-99$ $.612$ $.140$ $.782$ $.500$ $1995-99$ $.612$ $.140$ $.782$ $.500$ $1990-1900$ $.667$ $.147$ $.834$ $.500$ $1901-2$ $.701$ $.133$ $.834$ $.500$ $1901-2$ $.711$ $.128$ $.805$ $.903-4$ $.795$ $.130$ $.953$ $.425$ $$ $$ $$ $$ $.425$ $$ $$ $$ $$ $.425$ $$ $$ $$ $$ $$ $$ $$ $$ $$ $$ $$ $$ $$ $$ $$ $$ $$	1 1	1892-93	. 383	.154	. 537				
.550 $1806-97$ $.574$ $.151$ $.725$ $.525$ $1898-99$ $.618$ $.145$ $.782$ $.525$ $1898-99$ $.618$ $.145$ $.782$ $.500$ $1990-1900$ $.687$ $.117$ $.834$ $.500$ $1900-1900$ $.687$ $.117$ $.834$ $.500$ $1900-190$ $.701$ $.133$ $.834$ $.475$ $1902-3$ $.711$ $.128$ $.869$ $.475$ $1902-3$ $.711$ $.128$ $.869$ $.475$ $1902-3$ $.711$ $.283$ $.612$ $.130$ $.425$ $.1901-5$ $.823$ $.130$ $.953$ $.953$ $.953$ $.425$ $$	1	1894-95	. 509	.174 .172 151	. 681		2		
.525 $1899-99$ $.642$ $.110$ $.832$ $.500$ $1900$ $.701$ $.140$ $.841$ $.901-2$ $.701$ $.140$ $.841$ $.901-2$ $.711$ $.128$ $.869$ $.475$ $1902-3$ $.741$ $.128$ $.869$ $.475$ $1902-3$ $.741$ $.128$ $.869$ $.450$ $1904-5$ $.823$ $.130$ $.953$ $.425$ $$ $$ $$ $$ $$ $.425$ $$ $$ $$ $$ $$ $.425$ $$ $$ $$ $$ $$ $.400$ $$		1896-97	. 574	. 151	. 725				
.500       1900-1901.       .701       .133       .834         .475       1902-3       .701       .133       .834         .475       1902-3       .711       .128       .869         .450       1904-5       .823       .130       .925         .450       1904-5       .823       .130       .953         .425             .400             .425	1	1898-99	642	. 140	.782				
.475 $1902-3       .741       .128       .825         .450       1903-4       .823       .130       .925         .425             .425             .425             .400             .425             .400             .425             .400      $	.500	1900-1901. 1901-2	.701	. 140	. 841				
.450       1901-5       .823       .1301       .953         .425             .400             .375             .375             .375             .375             .375             .300             .325             .300             .325             .300             .225             .200             .125             .125	.475	1902-3 1903-4	.741 .795	. 128	.869				
.400 .375 .350 .350 .325 .300 .275 .250	.450	1904-5	. 823	.130	. 953				
.375 .350 .325 .300 .275 .200 .225 .200 .125 .150 .150 .125 .100 .125 .100 .075	.425								
.350 .325 .300 .275 .250 .250 .255 .200 .175 .150 .150 .125 .100 .125 .100 .075	.400								
.325 .300 .275 .250 .225 .200 .175 .150 .125 .100 .075	.375							_	
.300 .275 .250 .225 .200 .175 .150 .125 .100 .075									
.275     .250       .225     .70tgn       .200     .70tgn       .175	1					IK			
.250 .225 .200 .175 .150 .125 .100 .075									
.225     .200       .75									
.200     .175       .175     .175       .150     .277       .125     .200       .100     .200       .000     .200									
.175 .150 .125 .100 .075			Total						
.150 .125 .100 .075						1			
.125 .100 .075	1		Phin	ate		1	PAIN		
.100	5				N	INT		An	
.075						VII			
.050	.050		Public		411				

**DIAGRAM 6.**—Per cent of population enrolled as secondary students in public and private secondary schools.

### EDUCATION REPORT, 1905.

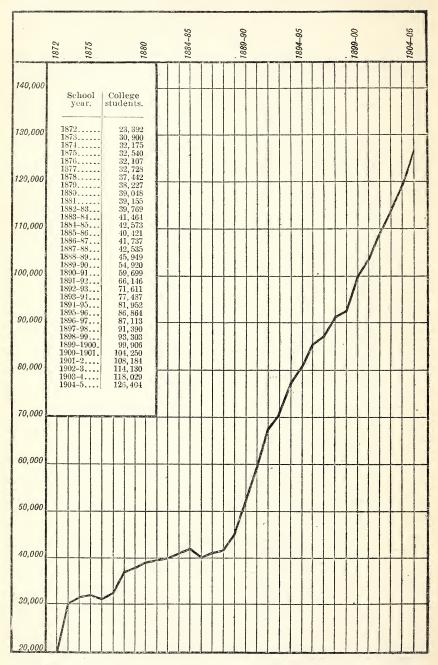


DIAGRAM 7.—Number of college students.

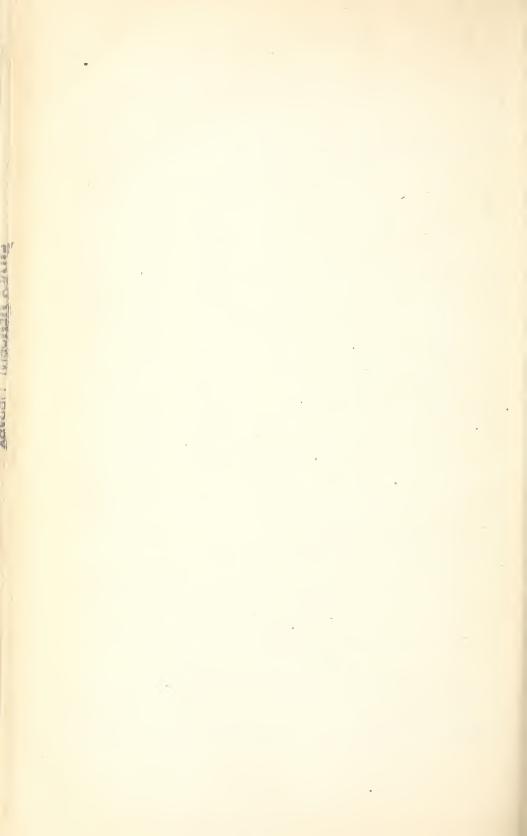
.

111

AGULUI . INCOMENCE . . . . . .

PER CENT.	2 10	0	1884-85	1889-90	1894-95	1899-00	1904-05
ULINT.	1872 1875	1880	188,	1881	189.	1890	1904
		T					
.19	School Per year. cent.						
.18	1872 0.059						
.17	$\begin{array}{cccccccccccccccccccccccccccccccccccc$						
.16	$\begin{array}{cccccccccccccccccccccccccccccccccccc$						
.15	1881         076           1882-83         074           1883-84         075           1884-85         076           1885-86         070						
.14	$\begin{array}{cccccccccccccccccccccccccccccccccccc$						
.13	1889-90 .088 1890-91 .093 1891-92 .102						
.12	1892-93 102 1892-93 103 1893-94 114 1894-95 119 1895-96 123 1896-97 122						
.17	$\begin{array}{cccccccccccccccccccccccccccccccccccc$						
.10	$\begin{array}{cccccccccccccccccccccccccccccccccccc$			/			
.09							
.08							
.07	1/1/	$\square$					
.06							
.05							
.04							
.03							
.02							
.01							

DIAGRAM S. - Per cent of the total population enrolled as college students.



# CHAPTER XIX.

## STATISTICS OF CITY SCHOOL SYSTEMS.

#### LIST OF TABLES.

 TABLE 1.—Summary, by States, etc., of enrollment, attendance, supervising officers, and teachers in cities containing over 8,000 inhabitants, 1904-5.

 
 TABLE 2.—Summary, by States, etc., of school property and expenditures in cities containing over 8,000 inhabitants, 1904-5.

 TABLE 3.—Various items relating to schools in cities containing over 8,000 inhabitants, computed from data given in tables 1 and 2, by States, 1904-5.

- TABLE 4.—Summarized statistics of schools in cities of over 8,000 inhabitants, by divisions, etc., from 1890-91 to 1904-5, inclusive.
- TABLE 5.—Comparative statistics of cities containing over 8,000 inhabitants, summarized by divisions, ctc., 1904-5.
- TABLE 6.—Statistics of population, school enrollment, and attendance in cities of over 8,000 inhabitants, 1904-5.

 
 TABLE 7.—Statistics of supervising officers, teachers, property, etc., in public schools of cities of over 8,000 inhabitants, 1904-5.

- TABLE 8.—Statistics of receipts of public schools of cities of over 8,000 inhabitants, 1904-5.
- TABLE 9.—Statistics of expenditures of public schools of citics of over 8,000 inhabitants, 1904-5.
- TABLE 10.-Summary of statistics of evening schools in cities of 8,000 population and over, 1904-5.

 TABLE 11.—Statistics of evening schools in cities of 8,000 population and over, 1904-5.

- TABLE 12.—Summary, by States, etc., of enrollment, attendance, supervising officers, and teachers in cities and villages containing from 4,000 to 8,000 inhabitants, 1904-5.
- TABLE 13.—Summary, by States, etc., of school property and expenditures in cities and villages containing from 4,000 to 8,000 inhabitants, 1904-5.
- TABLE 14.—School statistics of cities and villages containing between 4,000 and 8,000 inhabitants, 1904-5.
   TABLE 15.—Summary of statistics of public kindergartens reported in cities of 4,000 population and over, 1904-5.
- TABLE 16.- Public kindergartens in cities of over 4,000 inhabitants, 1904-5.

The table below summarizes the statistics of cities of 8,000 population and upward for the year 1904–5. Substantial increases over the preceding year are shown in all the items named. Some part of this increase is due to the transfer of six cities from the list of towns and villages to the list of cities of 8,000 population and over.

The proportion of women teachers to the whole number of teachers in the public schools remains the same as last year, namely, about 92 per cent. The increase in the whole number of teachers is greater by nearly 1 per cent than in 1904. This increase being proportionately greater than the increase of pupils in average daily attendance, indicates a slight decrease in the number of pupils to a teacher. This, however, is in line with the trend for many years.

The per cent of increase in the cost of teaching and supervision is substantially greater than the per cent of increase in the whole number of teachers and supervising officers. The conclusion to be deduced from this fact is that the pay of teachers has been increased during the year. This conclusion is supported by the figures in the succeeding tables.

ED 1905-VOL 1-31

Summary of statistics of cities containing over 8,000 inhabitants, showing increase from previous year.

	1903-4.	1904-5.	Increase.	Increase, per cent.
Number of city school systems. Enrollment. Aggregate number of days' attendance. Average daily attendance. Average length of the school term in days. Enrollment in private and parochial schools. Male supervising officers. Female supervising officers. Whole number of supervising officers. Number of male teachers. Number of female teachers. Whole number of teachers. Number of buildings. Number of school property. Expenditure for tuition. Total expenditure.	$\begin{array}{c} 1,006,552\\ 2,799\\ 2,820\\ 5,619\\ 7,289\\ 89,335\\ 96,624\\ 10,069\\ 4,151,938\\ \$410,326,526\end{array}$	$100,186 \\ 10,179 \\ 4,314,319$		$\begin{array}{c} 2.07\\ 1.00\\ .58\\ .42\\ 3.04\\ 1.96\\ 6.59\\ 3.45\\ 3.69\\ 1.10\\ 3.91\\ 3.54\\ 5.37\end{array}$

#### EVENING SCHOOLS.

Tables 10 and 11 are devoted to evening schools. Sixty-nine per cent of the cities reporting schools of this class are found in the North Atlantic Division. A decline of 33 in the number of schools reported for 1905 is noted in the following table. This decline is due to the fact that Scranton, Pa., which reported 60 schools for 1904, did not maintain evening schools during the school year 1904–5. The enrollment in that city for 1904 was 2,304 and the withdrawal of this large number from the statistics for the present year makes the rate of increase smaller than usual.

Summary of evening schools for 1904-5, showing increase from previous year.

	1903-4.	1904-5.	Increase.	Increase, per cent.
Number of cities reporting evening schools Number of schools Number of teachers. Number of pupils Average daily attendance. Ratio of average attendance to enrollment.	$955 \\ 6,310 \\ 270,692 \\ 106,983$	$180 \\ 922 \\ 6,572 \\ 292,319 \\ 107,375 \\ 36.7$	2 a 33 262 21, 627 392	1.12a 3.574.157.980.04

a Decrease.

#### KINDERGARTENS.

In Table 15 are summarized the statistics of public kindergartens in cities and villages. About 30 per cent of the whole number of city and village systems report schools of this class. The increase in the enrollment, although less than for the year 1904, is, nevertheless, about double the rate of increase in the entire enrollment in all grades in the public schools reported the present year. The enrollment in kindergartens constitutes about 4 per cent of the entire enrollment in city and village public schools.

Summary of public kindergartens for 1904-5, showing increase from previous year.

	1903-4.	1904-5.	Increase.	Increase, per cent.
Number of cities and villages reporting. Number of schools Number of pupils. Number of teachers.	2,997 191,882	358 3, 176 205, 118 4, 795	$5\\179\\13,236\\261$	1. 41 5. 97 . 6. 89 5. 75

#### SCHOOLS IN CITIES, TOWNS, AND VILLAGES OF THE SECOND CLASS.

The transfer of six cities from the list of towns and villages to that of cities of 8,000 inhabitants and over has served to make the rate of increase in many of the items named in the following table appear smaller than usual. The ratios of increase compared with those of the year 1904 appear still smaller by reason of the fact that 35 additions were made to this list that year. Owing to the lack of satisfactory data no additions were made to this table during the present year.

Taking into account the deductions named above, the rate of increase of the various items in the following table compares very evenly with that of the corresponding items in the first table. The amount paid for supervision and teaching is also shown by the following table to have increased at a greater rate than has the number of officers and teachers.

Summary	of	statistics	of	cities	and	villages	cont	aining .	from	4,000	to	8,000	inhabitants,	
				show	ing i	ncrease	from	previou	s year	۳,				

	1903-4.	1904-5.	Increase.	Increase, per cent.
Number of city and village school systems. Enrollment. Average daily attendance. Average length of the school term in days. Enrollment in private and parochial schools. Whole number of supervising officers. Number of male teachers. Number of female teachers. Whole number of teachers. Wumber of buildings.	$\begin{array}{c} 624\\ 704, 201\\ 95, 943, 867\\ 535, 819\\ 1^{-9}, 1\\ 96, 123\\ 1, 180\\ 1, 781\\ 14, 522\\ 16, 303\\ 3, 123\end{array}$	$\begin{array}{c} 618\\ 707,205\\ 97,468,177\\ 543,965\\ 1"9.2\\ 95,550\\ 1,213\\ 1,793\\ 14,735\\ 16,528\\ 3,122\end{array}$	$\begin{array}{c} a \ 6 \\ 3, 004 \\ 1, 524, 310 \\ 8, 146 \\ 1 \\ a \ 573 \\ 23 \\ 12 \\ 213 \\ 225 \\ a \ 1 \end{array}$	a 0, 97 , 42
Number of seats. Value of school property Expenditure for tuition Total expenditure.	719,663 \$48,363,617 \$8,616,070 \$13,065,815	714, 175	a 5,488 \$48,363,617 \$170,500 \$524,286	a , 76 3. 36 1. 97

a Decrease.

b Negligible.

1904-5.	Enroll- ment in	private and paro- chial chial (largely esti- mated.).	13	1,012,380	$\begin{array}{c} 480, 570\\ b \ 51, 015\\ 65, 900\\ 366, 943\\ c \ 47, 952\\ \end{array}$	7, 7, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,
over 8,000 inhabitants, 1904-5		Total.	12	100, 186	$\begin{array}{c} 49, 139\\ 6, 296\\ 5, 149\\ 32, 987\\ 6, 615\end{array}$	9,668 577 577 1,418 19,403 19,403 1,403 1,403 1,403 1,403 1,403 1,403 1,403 1,403 1,403 1,403 1,300 1,006 1,709 1,006 1,709 1,
8,000 inh	Number of teachers	Wom- en.	11	92, 417	$\begin{array}{c} 45,528\\5,715\\5,715\\4,613\\30,486\\6,075\end{array}$	726 530 530 530 533 533 533 533 533 533 533
g over 8	Num	Men.	10	7,769	3, 611 581 536 2, 501 540	222 222 222 222 222 222 222 222 222 22
ıtainin	bervis- s.	Total.	6	5,729	2,741 332 242 2,038 376	1 22349 23359 23359 23359 23359 23359 23359 23359 23559 255559 25559 25559 25559 25559 25559 25559 25559 25559 25559 25559 255
tres con	Number of supervis- ing officers.	Wom- en.	æ	2,918	${1,451 \atop {170} \\ 95 \\ 1,054 \\ 148 \end{cases}$	22 175 866 177 866 177 868 175 868 175 868 175 868 175 868 175 868 175 868 175 868 175 868 175 868 175 868 175 868 175 868 175 868 175 175 868 175 868 175 868 175 175 868 175 868 175 175 175 175 175 175 175 175 175 175
rs in ci	Numb in	Men.	-	2,811	${ { 1,290 \\ 162 \\ 147 \\ 984 \\ 228 } $	20 <b>46</b> 8061288 332 3388 338 338 338 338 338 338 338
officers, and teachers in cities containing		Average daily at- tendance.	9	3, 434, 323	$1,691,068\\218,436\\186,119\\1,117,205\\1,221,495$	20, 769 16, 694 16, 694 31, 5, 678 33, 5, 678 33, 5, 678 33, 5, 678 33, 233 357, 863 357, 863 357, 863 357, 863 357, 863 37, 908 8, 9, 336 8, 9, 337 11, 333 31, 908 8, 9, 336 8, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,
ng officers, a	Aggregate number of days' attend- ance of all pupils.		2	651, 970, 275	$\begin{array}{c} 321, 595, 506\\ 39, 829, 198\\ 33, 571, 545\\ 215, 720, 552\\ 41, 253, 474 \end{array}$	3, 552, 590 1,008,215 1,008,215 1,008,215 1,008,215 1,008,215 1,008,215 1,008,215 1,008,215 1,008,215 1,314,405 2,014,307 5,381,157 1,349,357 5,381,157 1,324,307 5,381,157 1,328,575 1,328,575 1,338,575 1,538,575
, supervisi		Enroll- ment in public day schools.		4, 506, 678	$\begin{array}{c} 2, 201, 442\\ 295, 448\\ 252, 567\\ 1, 466, 289\\ 1, 290, 932 \end{array}$	25, 454 21, 641 23, 6454 23, 6454 23, 6454 23, 6454 23, 6454 23, 6454 23, 536 23, 536 23, 236 23, 236 24, 237 24, 237 25, 2537 25, 2537 26, 25377 26, 25377 26, 25377 26, 25377 26, 2537777 26,
attendance		Popula- tion, cen- sus of 1900.	3	25, 362, 430	$\begin{array}{c} 12,407,503\\ 1,836,288\\ 1,588,369\\ 8,201,229\\ 1,329,041\\ 1,329,041 \end{array}$	164, 639 158, 920 347, 825 347, 825 347, 825 1, 151, 403 1, 151, 403 1, 151, 403 1, 151, 403 275, 778 575, 778 575, 778 575, 778 575, 778 575, 778 575, 778 577, 955 773, 959 773, 955 776 773, 959 773, 959 773, 955 776 773, 959 773, 955 776 773, 959 773, 955 773, 955 775 775 775 775 775 775 775 775 775
llment,	Num-	ber of city school sys- tems.	5	594	243 45 53 38 38 38	00802020200000000000000000000000000000
TABLE 1Summary, by States, etc., of enrollment, attendance, supervising		Cities of	1	United States a	North Atlantic Division. South Atlantic Division. South Central Division. North Central Division. Western Division.	North Atlantic Division: Maine

EDUCATION REPORT, 1905.

CITY	SCHOOL	SYSTEMS.
OTTT	DUITOOL	NTOTHIN.

a Including estimates for statistics of cities not reported fully. <sup>b</sup> Including estimate for Delawart c Including estimate for Wyoming.

Cities of—	Number of school buildings.	Number of seats or sittings for study.	Value of all public prop- erty used for school pur- poses.	Expendi- ture for supervision and teach- ing.	Expendi- ture for all purposes (loans and bonds ex- cepted).
1	2	3	4	5	6
United States a	10,179	4,318,319	\$424, 859, 805	\$78,328,420	\$139, 417, 318
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	$\begin{array}{r} 4,930 \\ 707 \\ 605 \\ 3,206 \\ 731 \end{array}$	$2,150,507 \\280,530 \\236,138 \\1,369,187 \\281,957$	$\begin{array}{r} 224,117,088\\ 16,611,349\\ 14,294,791\\ 138,367,316\\ 31,469,261 \end{array}$	$\begin{array}{r} 41,640,361\\ 3,933,805\\ 3,107,719\\ 23,945,316\\ 5,701,219 \end{array}$	$\begin{array}{r} 77,431,281\\5,547,287\\4,396,227\\42,381,322\\9,656,201 \end{array}$
North Atlantic Division:	187	95 995	9 190 054	252 022	500 676
Maine New Hampshire. Vermont Massachusetts Rhode Island	$126 \\ 35 \\ 1,445 \\ 263$	25,335 21,362 7,800 388,087 58,313	$\begin{array}{c} 2,120,054\\ 2,437,968\\ 648,600\\ 59,584,986\\ 5,296,887\end{array}$	$\begin{array}{c} 353,833\\ 328,241\\ 94,931\\ 7,692,723\\ 945,746\end{array}$	509,676611,862162,50913,982,5981,705,877
Connecticut. New York. New Jersey. Pennsylvania. South Atlantic Division:	$320 \\ 1,142 \\ 351 \\ 1,061$	$\begin{array}{c} 99,538\\860,953\\196,864\\492,255\end{array}$	$\begin{array}{c} 11,247,257\\ 105,133,716\\ 14,867,797\\ 22,779,823 \end{array}$	$\begin{array}{c}1,542,871\\20,582,879\\3,267,961\\6,831,176\end{array}$	2,553,256 39,155,340 5,859,710 12,895,453
Delaware. Maryland District of Columbia. Virginia	$     \begin{array}{r}       29 \\       167 \\       149 \\       88     \end{array} $	$11,080 \\ 86,855 \\ 45,173 \\ 37,513 \\ 15,741 \\ 0.05$	$\begin{array}{r} 931,985\\ 3,479,998\\ 6,062,233\\ 1,695,000 \end{array}$	150,440 1,155,875 1,101,552 405,935 188,033 179,636	237,2991,520,4911,676,259550,610269007
West Virginia. North Carolina. South Carolina. Georgia.	107	18,005 13,832 38,356	1,443,611805,000412,6811,598,900181,941	$188,033 \\172,636 \\107,740 \\509,601 \\141,993$	$\begin{array}{r} 362,097\\ 221,224\\ 144,016\\ 650,407\\ 184,884\end{array}$
Florida South Central Division: Kentucky		13, 915 52, 755	2,872,000	796,181	1,097,018
Tennessee Alabama Mississippi Louisiana Texas Arkansas O klahoma	76 41 18 83 199 49	$\begin{array}{c} 34,829\\ 15,749\\ 8,930\\ 36,740\\ 67,054\\ 13,446\\ 6,635\end{array}$	$\begin{array}{c} 1,945,163\\ 848,000\\ 532,500\\ 2,350,000\\ 4,259,912\\ 937,216\\ 550,000\end{array}$	$\begin{array}{c} 444,817\\ 201,589\\ 89,044\\ 473,900\\ 917,919\\ 114,269\\ 70,000\\ \end{array}$	$\begin{array}{c} 616,987\\ 282,461\\ 101,737\\ 585,093\\ 1,286,530\\ 259,901\\ 166,500\\ \end{array}$
North Central Division: Ohio. Indiana. Illinois. Michigan. Wisconsin. Minnesota. Iowa. Missouri. North Dakota. South Dakota.	303 731 370 292 182 234 296	$\begin{array}{c} 223,273\\111,163\\361,033\\139,856\\119,609\\93,932\\76,642\\152,193\\4,200\\2,531\end{array}$	$\begin{array}{c} 26,779,838\\ 10,265,881\\ 41,923,703\\ 12,399,509\\ 9,651,392\\ 8,176,198\\ 7,430,435\\ 14,271,937\\ 375,000\\ 325,000 \end{array}$	$\begin{array}{c} 4,647,880\\ 1,835,730\\ 7,072,731\\ 2,210,997\\ 1,762,398\\ 1,580,579\\ 1,170,197\\ 2,439,302\\ 65,329\\ 37,536\end{array}$	$\begin{array}{c} 7,683,364\\ 3,524,595\\ 12,921,955\\ 3,618,366\\ 2,767,792\\ 2,469,910\\ 1,970,966\\ 4,885,201\\ 164,403\\ 63,485\end{array}$
Nebraska. Kansas. Western Division: Montana.	81 132 46	$ \begin{array}{r}     2,001 \\     35,011 \\     49,747 \\     15,010 \\     1,340 \\   \end{array} $	3,358,698 3,409,725 1,695,175	$\begin{array}{r} 37,536\\ 572,050\\ 550,587\\ 323,103\\ 25,764\\ \end{array}$	1,282,099 1,029,186
Wyoming Colorado Arizona Utah. Idaho Washington Oregon California.	$     \begin{array}{r}       120 \\       -5 \\       42 \\       6 \\       127     \end{array} $	1,34049,9951,40018,8262,60047,00717,645128,134	$\begin{array}{c} 139, 517\\ 5, 432, 302\\ 113, 696\\ 1, 568, 949\\ 175, 000\\ 5, 212, 035\\ 1, 475, 798\\ 15, 656, 789\end{array}$	$\begin{array}{c} 25,764\\ 1,058,243\\ 20,070\\ 302,436\\ 41,676\\ 853,112\\ 246,122\\ 2,830,693\end{array}$	571,75137,8781,824,21326,455570,71280,9401,955,182472,8514,116,219

TABLE 2.—Summary, by States, etc., of school property and expenditures in cities containing over 8,000 inhabitants, 1904-5.

a Including estimates for statistics of cities not reported fully.

Average daily expending ture per pupil for all for all	14	Cents. 21.33	$\begin{array}{c} 24.07\\ 13.93\\ 13.09\\ 19.16\\ 23.84\\ 23.84\end{array}$	$\begin{array}{c} 14.23\\ 21.23\\ 23.14\\ 23.14\\ 23.14\\ 17.11\\ 18.13\\ 19.58\\ 19.58\end{array}$	$\begin{array}{c} 15.11\\ 13.22\\ 9.64\\ 17.89\\ 17.89\\ 7.31\\ 11.06\\ 13.94\end{array}$
Average cost per day of tulitor one pupil.	13	Cents. 12.01	$\begin{array}{c} 12.94 \\ 9.88 \\ 9.25 \\ 11.09 \\ 13.72 \end{array}$	$\begin{array}{c} 9.87\\ 9.46\\ 9.46\\ 112.73\\ 112.73\\ 112.62\\ 110.28\\ 10.99\\ 10.99\end{array}$	9. 58 10. 58 14. 91 7. 09 9. 28 9. 28 5. 01 8. 66 10. 70
Total cost of schools per cap- ita of average attend- ance.	12	\$40.59	45.79 25.39 23.62 37.00 44.39	$\begin{array}{c} 24, 54\\ 24, 54\\ 238, 67\\ 238, 67\\ 332, 18\\ 332, 18\\ 356, 47\\ 356, 47\\ 36, 03\\ 3$	$\begin{array}{c} 28,57\\ 24,95\\ 17,59\\ 17,59\\ 15,40\\ 13,20\\ 13,21\\ 20,39\\ 21,32\\ 21$
Cost of teaching and su- pervision per cap- ita of pupils in average attend- ance.	11	\$22.81	$\begin{array}{c} 24.62\\ 18.01\\ 16.69\\ 21.42\\ 25.74\end{array}$	$\begin{array}{c} 17.03\\ 19.66\\ 16.72\\ 24.13\\ 29.68\\ 19.48\\ 21.04\\ 19.09\end{array}$	$\begin{array}{c} 18.11\\ 18.97\\ 27.13\\ 27.13\\ 12.94\\ 16.56\\ 12.02\\ 9.06\\ 15.97\\ 15.97\\ 16.16\end{array}$
Value of school property per cap- its of pupils in average ance.	10	\$123.70	$\begin{array}{c} 132.53\\ 76.08\\ 76.80\\ 123.85\\ 142.98\end{array}$	$\begin{array}{c} 102.07\\ 146.03\\ 114.23\\ 186.93\\ 187.56\\ 151.65\\ 151.65\\ 151.65\\ 63.65\end{array}$	$\begin{array}{c} 112.\ 20\\ 57.\ 10\\ 54.\ 17\\ 54.\ 17\\ 54.\ 17\\ 56.\ 04\\ 56.\ 04\\ 56.\ 10\\ 50.\ 10\\ 20.\ 71\end{array}$
Average number of seats to a building.	6	424	436 397 390 427 385	$\begin{array}{c} 135\\ 169\\ 223\\ 223\\ 221\\ 223\\ 321\\ 753\\ 753\\ 753\\ 754\\ 754\\ 753\\ 754\\ 754\\ 756\\ 756\\ 756\\ 756\\ 756\\ 756\\ 756\\ 756$	$\begin{array}{c} 382\\ 520\\ 342\\ 342\\ 358\\ 361\\ 358\\ 236\\ 236\\ 236\\ 236\\ 236\\ 236\\ 236\\ 236$
Average number of scats to each 100 pu- pils in attend- ance.	80	125:7	127.2 128.4 126.9 122.6 127.3	122.0 127.9 137.3 137.3 137.3 124.9 124.0 126.5 137.6	133.4 142.5 1111.2 1111.2 1111.2 1137.9 1137.9 1137.9 1139.9 1139.9
Average number of teach- ers to pervis- ing offi- cer.	L	17.5	$\begin{array}{c} 17.9\\ 18.9\\ 21.1\\ 16.2\\ 17.6\end{array}$	17.3 18.6 20.5 22.4 41.6 11.7 11.5 20.8 20.8	8.2 32,6 13.5 13.5 13.7 15.3 12.1 12.1 13.7 12.1 13.7 12.1 13.7 12.1 13.7 12.1 13.7 13.7 13.7 13.7 13.7 13.7 13.7 13
Average number of pu- pils in attend- ance to each teacher.	9	34.3	$\begin{array}{c} 34.4\\ 34.7\\ 33.9\\ 33.5\\ 33.5\\ 33.5\end{array}$	26.7 28.9 30.7 31.8 33.9 33.2 8 33.4 5.4	33.22 33.27 33.28 33.28 33.28 33.28 33.28 33.28 33.28 33.28 34.88 35.72
Average length of school term.	20	· Days. 189.8	$\begin{array}{c} 190.2\\ 182.3\\ 180.4\\ 193.1\\ 186.2\end{array}$	172.5 172.5 176.7 176.7 188.3 188.3 188.3 189.2 192.2 191.4 189.1	189.0 188.7 188.7 188.7 188.7 188.3 174.4 174.4 174.4 180.7 180.7 180.7 180.7
A verage number of days attend- ance of each pupil enrolled.	4	Days. 144.7	$146.1 \\ 134.8 \\ 132.9 \\ 147.8 \\ 141.$	$\begin{array}{c} 140.7\\ 134.5\\ 159.0\\ 141.6\\ 141.6\\ 144.7\\ 144.7\\ 144.7\\ 144.7\\ 144.2\\ 140.2\end{array}$	142.6 142.6 143.4 143.4 136.1 136.1 120.1 149.8 1149.8 102.5
Ratio of average average attend- attend- to enroll- ment (public schools).	3	Per cent. 76.2	76.8 70.9 73.7 76.2 76.1	81.6 77.2 83.8 83.8 75.0 75.0 74.2 74.2	75.5 739.2 76.3 76.3 76.3 76.3 76.3 76.3 76.3 76.3
Ratio of private school enroll- ment to enroll- ment in all schools, public and private.	સ	<i>Per cent.</i> 18.5	17.8 14.7 20.6 20.1 14.1	22.8 23.5 23.5 23.5 23.5 23.5 23.5 23.5 23.5	14.8 170.5 114.5 114.5 114.6 115.6 118.8 18.8
Cities of-	I	United States.	North Atlantic Division South Atlantic Division. South Central Division. North Central Division. Western Division.	North Atlantic Division: Maine	South Atlantic Division: Delaware Maryland Maryland Virginia Virginia North Carolina South Carolina Foorda Florida

TABLE 3.— Various items relating to schools in cities containing over 8,000 inhabitants, computed from data given in Tables 1 and 2, by States, etc., 1904–5.

### CITY SCHOOL SYSTEMS.

ttes, etc.,	Average daily expendi- ture per pupil for all purposes.	14		21222 21222 21222 22222 22222 22222 22222 22222 22222 2222	27. 45 20. 50 29. 55 29. 25 29. 25 20. 20 20 20 20 20 20 20 20 20 20 20 20 20 2
2, by Sto	Average cost per day of tuition for one pupil.	13		11.22 1.25 10.19 10.17 11.12 8.73 8.73 8.73 8.73 8.73	15.54 13.79 15.44 15.44 10.69 11.43 11.67 11.67 14.67 14.68
s 1 and	Total cost of schools per cap- ita of pupits of attend- ance.	12		8,8,3,1,8,3,3,3,5,4,6,5,8 8,8,3,1,4,3,3,3,5,4,6,5,5 7,8,8,3,3,3,5,4,5,5,5,5,5,5,5,5,5,5,5,5,5,5,5	49.36 34.94 34.94 37.74 40.39 50.49 50.49 50.49 36.80 36.80 36.80
in Table	Cost of teaching and su- pervision pervision ita of pupils in average attend- ance.	11		$\begin{array}{c} 22, 00\\$	27.94 23.44 28.13 20.00 21.11 22.03 21.11 27.15 21.11 27.77 27.77
ta given	Value of school property per cap- ita of pupis average attend- ance.	10		121, 35 1317, 98 1317, 98 1317, 98 106, 53 106, 54 106, 54 100, 54 100, 54 100, 54 100, 54 100, 54 100, 54 100, 54	146.60 128.70 146.12 102.70 103.73 88.65 88.65 114.86 114.86 114.86 114.86
from da	Average number of seats building.	6	442 858 864 864 864 864 864 864 864 864 864 86	335 346 378 378 499 378 499 516 253 377 377 377 377 377 377 377 377 377 3	326 268 2168 286 286 448 433 490 437 370 370
com puted	Average number of seats to each 100 pu- pils in attend- [ance.	œ	129.7 119.3 110.3 136.2 136.2 136.1 137.8 137.8 137.8	101.2 127.7 128.7 128.7 128.7 128.7 137.9 137.5 17.5 17.5 17.5 17.5 17.5 17.5 17.5 1	129.8 123.6 123.6 134.5 124.5 131.7 131.7 137.3 137.3 137.3
bitants, c	A verage number of teach- ers to pervis- ing offi- cer,	٢	11. 11. 11. 11. 11. 11. 11. 11.	333.50 333.50 333.50 333.50 333.50 333.50 333.50 333.50 333.50 333.50 333.50 333.50 333.50 333.50 333.50 333.50 50 50 50 50 50 50 50 50 50 50 50 50 5	9.7 16.0 115.8 114.0 10.9 13.6 13.6 13.6 27.5 27.5
over 8,000 inhabita 1904-5-Continued	Average number of pu- pils in attend- ance to each teacher.	9	37. 38,38,38,38,38,37, 31,27,27,28,38,38,38,39,39,39,39,39,39,39,39,39,39,39,39,39,	**************************************	33.1 25.3 34.6 34.6 34.3 34.3 34.3 34.3 34.3 34
g over 8, 1904–5-	Average length of school term.	٢Ô	Ã	1266 9 1387 1 1383 1 1391.6 1391.6 1391.6 1396.6 1386.6 1386.6 1386.0 1881.4 188.0 1881.4 184.8 184.8 184.8 184.8 184.8 184.8 184.8 184.8 184.8 184.8 184.8 184.8 184.8 184.8 184.9 184.8	179.8 169.9 170.0 175.0 175.0 175.0 188.8 188.8 188.8 188.8 188.8
ontainin	Average number of days' attend- ance of each pupil enrolled.	4	Days. 142.2 1342.2 134.6 126.0 126.0 138.7 132.5 132.5 132.5 116.3	148,4 151,5 151,5 155,5 155,5 132,2 132,2 132,2 132,5 133,5	142. 3 130. 4 130. 4 132. 7 112. 7 139. 9 139. 9 139. 9 144. 1 144. 1 143. 7
in cities c	Ratio of average attend- attend- to enroll- ment "(public schools).	e	Per cent. 72.1 72.1 72.1 72.1 71.2 71.9 71.9 71.9 71.9 71.9 71.9 71.7 71.9	79.4 79.1 79.1 79.1 77.5 77.5 77.5 8 77.1 77.5 8 77.1 77.5 8 77.1 77.5 8 8 8 77.1 7 7 7 7 7 8 7 7 8 7 8 7 8 7 8 7 8 7 8	79.2 79.2 79.4 79.4 79.5 79.3 79.3 79.3 76.3 76.3 76.3 76.3 76.3 76.3 76.3 76
schools	Ratio of private school enroll- ment to enroll- ment in all schools, public and	8	Per cent. 131.6 131.6 135.3 24.1 15.8 15.8 10.8 9.8 9.8	85-1622500128 85-1622500125 85-1622500125	13.7 5.7 5.2 5.2 10.3 23.0 23.0 20.8
TABLE 3.— Various items relating to schools in cities containing over 8,000 inhabitants, computed from data given in Tables 1 and 2, by States, etc., 1904-5—Continued.	Cities of-	Ι	South Central Division: Kentucky Tennesee Mississippi Divisianas Texas Arkanass Oklahoma North Central Division:	Indiana Indiana Illinois Michigan Minnesota Minnesota North Dakota North Dakota North Dakota North Dakota North Dakota Nebrasta Nebrasta	vestern zyrsion. Montana Wortana Vestonado Arizona Arizona Arizona Idaho Veshington Oregon. California

# EDUCATION REPORT, 1905.

5, inclusive.
1904-
-91 to
rom 1890
J
ns, etc
divisio
ıts, by
nhabitar
3,000 in
of over $\delta$
cities .
ols in
of sche
istics
ed stat
Summarize
4
TABLE

Enroll-	ment in private and pa- rochial schools (largely estima- ted).	15	723, 990 773, 1178 775, 910 820, 250 842, 555 842, 555 842, 555 842, 555 842, 555 842, 555 842, 555 842, 555 842, 555 913, 389 877, 210 877, 2109 877, 2100 877, 2100 877, 2100 877, 2100 877, 2100 877, 2100 877, 2100 877, 2100 877, 2100 877, 21000 877, 2000 877, 2000	345, 019 345, 019 354, 355 354, 355 354, 355 356, 624 3570, 625 360, 675 401, 675 401, 675 401, 675 410, 576 413, 666 418, 366 418, 376 418, 276 418, 766 418, 766 418, 776 418, 776 41
	Expendi- ture for all purposes.	14	<ul> <li>56, 636, 447</li> <li>65, 951, 538</li> <li>65, 951, 538</li> <li>65, 951, 538</li> <li>65, 951, 538</li> <li>68, 951, 538</li> <li>74, 721, 332</li> <li>74, 721, 332</li> <li>84, 860, 112</li> <li>88, 5173, 647</li> <li>88, 5173, 647</li> <li>89, 457, 334</li> <li>111, 139, 658</li> <li>723, 538</li> <li>724, 723</li> <li>417, 318</li> <li>417, 318</li> </ul>	27, 552, 437 39, 065, 635 39, 065, 635 40, 754, 675 38, 467, 701 38, 495, 067 38, 495, 067 38, 44, 18, 713 38, 445, 087 44, 75, 675 55, 599, 727 55, 598, 727 55, 508, 727 55, 508, 508 55, 508, 508 56, 508, 508 56, 508, 508 56, 508 57, 508 56, 508 57,
-	Expendi- ture for supervi- sion and teaching.	13	33, 296, 128 33, 296, 128 37, 377, 482 37, 377, 482 37, 377, 484 44, 157, 650 44, 157, 650 44, 157, 718, 855 66, 561, 689, 571 561, 683, 571 561, 683, 571 157, 1383, 577 157, 1383, 571 170, 1383, 571 177, 1382, 487 178, 3282, 487 178, 3282, 487 178, 3283, 429 178, 3283, 429 178, 3283, 429 178, 3283, 429 178, 3283, 429 178, 3283, 429 178, 3283, 429 178, 3283, 429 178, 3283, 429 178, 3283, 429 178, 328,	$\begin{array}{c} 16, 500, 417\\ 17, 330, 426\\ 18, 303, 426\\ 18, 104, 963\\ 18, 203, 963\\ 18, 203, 963\\ 203, 313, 18, 203\\ 203, 313, 18, 203\\ 203, 513, 203\\ 203, 573, 847\\ 203, 517, 236\\ 203, 517, 236\\ 203, 513\\ 203, 513\\ 203, 510\\ 203, 51$
	Value of public prop- erty used for school purposes.	12	[1134, 507, 058 [1134, 507, 058 [1134, 507, 058 [1134, 507, 058 [1132, 508, 507, 757 [1132, 508, 558 [1133, 334, 555, 556, 558, 555, 556, 558, 555, 556, 558, 553 [1132, 558, 555, 558, 553 [1132, 558, 553 [1132, 558, 553 [1132, 558, 553 [1132, 558, 553 [1132, 558, 558 [1132, 558 [113	93, 319, 620 97, 070, 550 97, 070, 550 1111, 843, 050 1114, 128, 291 114, 529, 533 144, 529, 533 144, 529, 533 144, 529, 533 146, 537, 570 186, 577, 570 186, 577, 570 186, 577, 570 180, 567 180, 567 18
	Number of seats or sittings for study.	11	2, 396, 674 2, 336, 674 2, 512, 777 2, 513, 777 3, 319, 577 3, 319, 577 3, 308, 295 3, 308, 295 3, 308, 297 3, 308, 301 4, 102, 077 4, 318, 319 4, 318, 319	1, 170, 477 1, 231, 667 1, 231, 667 1, 235, 385 1, 355, 385 1, 355, 387 1, 355, 387 1, 355, 387 1, 355, 387 1, 354, 394 1, 374, 294 1, 2776, 933 1, 7776, 933 1, 7776, 933 1, 7776, 933 1, 2776, 946 2, 2776, 967 2, 2776, 967 2, 2766, 9776, 9776 2, 2776, 9776, 9776 2, 2776, 9776, 9776 2, 2776, 9776, 9776 2, 2776, 9776, 9776 2, 2776, 9776, 9776 2, 2776, 9776
	Num- ber of school build- ings.	10	$\begin{array}{c} 6,478\\ 6,757\\ 6,757\\ 7,748\\ 8,106\\ 8,406\\ 8,406\\ 9,311\\ 9,313\\ 9,313\\ 9,313\\ 9,313\\ 9,313\\ 9,313\\ 9,313\\ 9,313\\ 10,069\\ 9,312\\ 10,069\\ 112\\ 9,312\\ 10,179\\ $	$\begin{array}{c} & 0.32\\ & 0.32\\ & 0.42\\$
chers.	Total.	6	$\begin{array}{c} 52, 431 \\ 55, 057 \\ 55, 057 \\ 55, 057 \\ 55, 057 \\ 74, 117 \\ 74, 117 \\ 74, 117 \\ 761, 325 \\ 83, 629 \\ 83, 629 \\ 83, 629 \\ 94, 624 \\ 96, 624 $	$\begin{array}{c} 26, 055\\ 28, 055\\ 28, 125\\ 28, 125\\ 28, 125\\ 33, 770\\ 33, 770\\ 33, 770\\ 33, 770\\ 33, 770\\ 33, 770\\ 44, 120\\ 33, 763\\ 727\\ 94, 120\\ 39, 763\\ 727\\ 94, 120\\ 39, 763\\ 727\\ 94, 120\\ 39, 763\\ 727\\ 721\\ 721\\ 721\\ 721\\ 721\\ 721\\ 721$
Number of teachers.	W omen.	œ	$\begin{array}{c} 48, 557\\ 51, 113\\ 54, 224\\ 55, 224\\ 55, 224\\ 55, 224\\ 55, 226\\ 55, 286\\ 55, 286\\ 55, 286\\ 57, 334\\ 77, 334\\ 77, 334\\ 77, 334\\ 88, 775\\ 88, 775\\ 88, 775\\ 88, 775\\ 92, 417\\ 92, 4$	24, 353 25, 549 27, 549 27, 754 33, 710 33, 714 33, 331 33, 331, 331
Numbe	Men.	1-	$\begin{array}{c} 3, 874\\ 3, 944\\ 4, 298\\ 944\\ 5, 7, 753\\ 5, 773\\ 6, 305\\ 6, 305\\ 6, 305\\ 7, 289\\ 7, 289\\ 7, 780\\ 7, 780\\$	$\begin{array}{c} 1,702\\ 1,931\\ 1,932\\ 1,933\\ 1,932\\ 2,932\\ 3,323\\ 3,$
	Num- ber of super- vising offi- cers.	9	$y_{72}^{0}$ $y_{$	1, 179 1, 179 1, 179 1, 1, 586 1, 1, 1, 586 1, 1, 1, 586 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1
	Average daily at- tendance.	ŭ	$\begin{array}{c} 1,884,474\\ 2,006,854,472\\ 0,006,854,442\\ 0,006,850,203\\ 0,006,850,203\\ 0,007,007\\ 0,001,079\\ 0,078\\ $	914, 245 950, 395 950, 395 950, 398 1, 075, 938 1, 138, 738 1, 430, 914 1, 430, 914 1, 430, 914 1, 437, 934 1, 437, 934 1, 437, 934 1, 537, 500 1, 537, 500 1, 534, 509 1, 532, 459 1, 691, 068
	Aggregate number of days' attend- ance of all pupils.	4	364, 687, 608 378, 389, 408 378, 389, 400 489, 760 489, 766 539, 118, 705 559, 118, 705 553, 118, 705 553, 118, 702 553, 118, 718, 446 553, 118, 718, 446 553, 118, 722, 255 553, 118, 722, 253 553, 118, 723, 544 553, 118, 723, 545 553, 118, 723, 725 553, 118, 723, 725 553, 118, 725 555, 118, 725, 725 555, 725, 725 555, 725, 725 555, 725, 725, 72555, 725, 725 555, 725, 725, 725, 72555, 725, 725	181, 981, 649 185, 030, 311, 185, 030, 311, 209, 642, 037 221, 016, 405 2221, 016, 405 2221, 016, 405 2231, 131, 134, 134 232, 131, 134, 134 236, 250, 1370 239, 4321, 370 239, 4321, 370 230, 3321, 370 230, 3321, 370 230, 3321, 370 230, 371, 370 200, 370, 370, 370, 370, 370, 370, 370, 3
	Enroll- ment in public day schools.	es	$\begin{array}{c} 2, 627, 275\\ 2, 876, 840\\ 3, 765, 846\\ 3, 765, 846\\ 3, 376, 846\\ 3, 376, 846\\ 3, 376, 841\\ 3, 370, 841\\ 3, 3949, 651\\ 3, 3949, 673\\ 3, 9949, 551\\ 3, 9949, 551\\ 4, 377, 473\\ 4, 377, 473\\ 4, 376, 473\\ 4, 376, 473\\ 4, 376, 473\\ 4, 376, 473\\ 4, 376, 473\\ 4, 376, 473\\ 4, 366, 578\\ 4, 376, 578\\ 4, 578, 578\\ 4, 578, 578\\ 4, 578, 578\\ 4, 578, 578\\ 4, 578,$	1, 295, 627 1, 333, 698 1, 377, 808 1, 422, 594 1, 462, 594 1, 639, 594 1, 663, 631 1, 877, 805 1, 877, 305 1, 929, 533 1, 939, 535 1, 939, 535 1, 939, 535 1, 939, 535 1, 939, 5351, 939, 535 1, 935, 535 1, 935, 535 1, 935, 535, 535, 535, 535, 535, 535, 535
	Num- ber of city school sys- tems.	5	442 459 453 473 574 602 602 602 602 632 588 588 588 588 588 588 588 588 588 58	186 191 191 195 195 219 233 233 233 233 233 233 233 233 233 23
Cities of -		I	United States: 1880-92 1880-92 1882-94 1882-96 1885-96 1886-96 1886-96 1886-96 1886-97 1886-97 1886-97 1886-97 1886-97 1886-97 1886-97 1890-1900 1890-1900 1900-2 1900-2 1901-2 1904-5	North Atlantic Division: North Atlantic Division: 1880-91 1880-96 1880-96 1880-96 1880-96 1880-96 1880-96 1880-96 1880-96 1880-96 1880-96 1890-1900 1890-1900 1901-2 1901-5 1904-5

CITY SCHOOL SYSTEMS.

	Cities of-	1	South A tlantic Division: 1880-91 1882-93 1882-95 1882-96 1888-96 1888-96 1889-96 1899-1901 1901-2 1901-2 1902-3 1902-3 1902-3 1902-3 1902-3 1902-3 1902-3 1902-3 1902-3 1902-3 1902-3 1902-3 1902-3 1902-3 1902-3 1902-3 1902-3 1902-190 1900-1901 1900-1901 1900-1901 1900-1901 1900-1000 1900-1000 1900-1000 1900-1000 1900-10000 1900-10000 1900-10000000000	1890-91 1891-92 1892-93
	Num- ber of city school sys- tems.	5	88888888888888888888888888888888888888	155 165 173
	. Enroll- ment in public day schools.	3	192, 820 218, 8752 218, 8752 218, 8752 2254, 400 2251, 8245 2251, 402 2251, 422 2251, 422 2251, 422 2251, 422 2251, 424 1151, 365 1161, 365 1161, 365 1161, 365 233, 558 233, 557 233, 558 233, 557 233, 558 233, 557 233, 558 233, 558 234, 558 234, 558 235, 558 258, 558 258,	854, 615 897, 167 959, 591
	Aggregate number of days' attend- ance of all pupils.	4	27, 756, 177 28, 756, 177 28, 268, 131 29, 756, 177 29, 256, 177 29, 256, 177 29, 256, 601 38, 380, 949 38, 386, 804 38, 444, 601 38, 444, 601 38, 444, 601 38, 444, 601 38, 536, 808 432, 198 39, 536, 536 25, 596, 688 39, 556, 538 25, 596, 688 39, 556, 538 30, 447, 823 25, 596, 688 30, 447, 823 25, 596, 688 30, 447, 823 26, 596, 688 39, 556, 556 28, 596, 566 39, 556, 556 28, 596, 566 39, 556, 556 28, 596, 566 39, 556, 556 28, 566, 566 39, 556, 556 28, 566, 566 39, 556 28, 566, 566 39, 556 27, 556 28, 566, 566 39, 566 28, 566, 566 39, 56	$\left  \begin{array}{c} 117,701,860\\ 124,236,074\\ 132,268,316 \end{array} \right $
	Average daily at- tendance.	70	148, 831 1567, 571 1567, 571 1567, 571 157, 583 1173, 583 1173, 583 1173, 583 1173, 583 1197, 383 200, 1188, 383 200, 1188, 383 200, 1188, 383 200, 1188, 283 110, 023 110, 023 111, 223 111, 223 111, 223 112, 523 113, 523 113, 523 113, 523 113, 523 114, 523 114, 523 115, 523 115, 523 115, 523 116, 907 117, 523 117, 523 117, 523 118, 523 117, 523 118, 523 117, 523 118, 523 117, 523 118, 53	$\begin{array}{c} 621,409\\ 663,521\\ 702,158\end{array}$
	Num- ber of super- vising offi- cers.	9	110 1142 1142 1142 1142 1142 1142 1144 11	848 947 985
Numb	Men.	-	411 4450 5529 5529 5574 5574 5574 5574 5573 5573 5573 5573	1,239 1,315 1,342
Number of teachers	Women.	æ	44444444444444444444444444444444444444	$\frac{16,095}{16,931}$ 18,200
chers.	Total.	6	900 4 4 4 900 900 900 900 900 900 900 90	$\frac{17,334}{18,246}$ 19,542
	Num- ber of school build- ings.	10	460 451 451 451 552 552 552 552 552 555 555 555 555 5	2,119 2,297 2,362
	Number of seats or sittings for study.	11	180, 727 180, 727 286, 980 286, 980 286, 980 286, 980 286, 986 283, 986 283, 986 283, 982 283, 983 283, 983 283, 983 283, 983 286, 544 188, 544 188	804, 638 845, 086 915, 185
	Value of public prop- erty used for school purposes.	12	85, 577, 207 89, 577, 207 10, 049, 458 10, 049, 458 10, 049, 458 10, 049, 454 11, 065, 115 10, 940, 351 11, 332, 202 11, 333, 200 11, 345, 202 11, 346, 424 10, 320, 437 10, 115, 528 11, 466, 224 11, 466, 228 11, 466, 228 11, 466, 228 11, 466, 228 11, 466, 238 10, 232, 218 10, 232, 218 10, 232, 718 11, 467, 368 11, 500 11, 500 12, 510 13, 510 14, 510 14, 510 14, 510 14, 510 14, 510 15, 511 15, 512 15, 5	$\begin{array}{c} 60, 731, 816\\ 64, 031, 960\\ 67, 085, 358 \end{array}$
	Expendi- ture for supervi- sion and teaching.	13	<ul> <li>35, 147, 475</li> <li>35, 147, 475</li> <li>37, 147, 475</li> <li>37, 376</li> <li>37, 147, 429</li> <li>37, 105, 502</li> <li>37, 105, 502</li> <li>38, 436, 133</li> <li>38, 109, 026</li> <li>38, 436, 133</li> <li>38, 436, 1</li></ul>	$\begin{array}{c} 10,845,838\\ 11,673,823\\ 12,600,751 \end{array}$
	Expendi- ture for all purposes.	14	<ul> <li>33, 278, 942</li> <li>35, 578, 942</li> <li>36, 578, 942</li> <li>36, 577, 555</li> <li>37, 757</li> <li>37, 757</li> <li>37, 757</li> <li>37, 758</li> <li>37, 1130</li> <li>37, 1130</li> <li>37, 1130</li> <li>37, 1130</li> <li>37, 379</li> <li>37, 379</li> <li>37, 556</li> </ul>	$\begin{array}{c} 19,114,726\\ 20,057,510\\ 22,980,728 \end{array}$
Enroll-	ment in private and pa- rochial schools (largely estima- ted).	15	50,000 51,51,41,52,50,500 51,51,41,52,50,500 51,51,41,52,50,500 51,51,41,52,50,500 51,51,41,52,50,500 51,51,51,500 51,51,51,500 51,51,51,500 51,51,51,51,500 51,51,51,51,500 51,51,51,51,51,500 51,51,51,51,51,51,51,51,51,51,51,51,51,5	250,668 280,439 295,681

CITY	SCHOOL	SYSTEMS.
------	--------	----------

315, 168 350, 708 350, 708 350, 447 350, 447 350, 447 350, 310 361, 113 361, 113 361, 113 361, 113 361, 776 380, 716 371, 924 366, 943	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \begin{array}{c} \end{array}\\ $
$\begin{array}{c} {\color{black} 25, 399, 773} \\ {\color{black} 25, 399, 773} \\ {\color{black} 256, 655, 629} \\ {\color{black} 256, 634, 629} \\ {\color{black} 27, 781, 526} \\ {\color{black} 27, 781, 526} \\ {\color{black} 27, 781, 526} \\ {\color{black} 30, 513, 048} \\ {\color{black} 33, 526} \\ {\color{black} 34, 526} \\ {\color{black} 34, 526} $	$\begin{array}{c} 4,379,461\\ 4,379,461\\ 5,267,509\\ 4,369,402\\ 4,369,402\\ 4,864,323\\ 5,5175,581\\ 5,5075,581\\ 5,5075,581\\ 5,5013,558\\ 5,501$
$\begin{array}{c} 13,962,787\\ 15,321,915\\ 15,321,915\\ 16,989,769\\ 16,989,769\\ 17,878,721\\ 17,878,729\\ 17,887,066\\ 18,827,066\\ 18,827,066\\ 19,805,331\\ 19,805,331\\ 19,805,331\\ 22,239,915,316\\ 22,239,945,316\\ 23,945,316,316\\ 23,945,316\\ 23,945,316,316\\ 34,316,316\\ 34,316,316,316\\ 34,316,316,316\\ 34,316,316,316\\ 34,316,316,316\\ 34,316,316,316\\ 34,316,316,316,316\\ 34,316,316,316,316\\ 34,316,316,316,316,316,316\\ 34,316,316,316,316,316,316,316,316$	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\ \begin{array}{c} \end{array} \\ \begin{array}{c} \end{array} \\ \end{array} $
$\begin{array}{c} 77, 961, 101\\ 82, 979, 334\\ 82, 979, 334\\ 82, 979, 334\\ 98, 950, 930\\ 98, 050, 452\\ 98, 835, 750\\ 103, 748, 258\\ 103, 748, 258\\ 103, 758, 316\\ 110, 562, 153\\ 110, 562, 153\\ 110, 562, 153\\ 1110, 562, 153\\ 1111, 123, 521, 379\\ 123, 567, 316\\ 123, 567, 567, 567, 567\\ 123, 567, 567, 567, 567, 567\\ 123, 567, 567, 567, 567, 567, 567\\ 123, 567, 567, 567, 567, 567, 567, 567, 567$	$\begin{array}{c} 14,075,336\\ 14,075,336\\ 17,0861,333\\ 17,0861,333\\ 115,8465,733\\ 115,8466,733\\ 115,9466,733\\ 115,9466,733\\ 119,4463,770\\ 119,4463,770\\ 129,332,666\\ 129,326\\ 129,$
$\begin{array}{c} 1,014,673\\ 1,126,348\\ 1,126,346\\ 1,172,348\\ 1,275,346\\ 1,2245,882\\ 1,245,882\\ 1,244,562\\ 1,244,562\\ 1,244,562\\ 1,326,436\\ 1,374,458\\ 1,376,456\\ 1,369,157\\ 1,369,157\\ \end{array}$	$\begin{array}{c} 123,770\\ 123,723\\ 134,996\\ 144,996\\ 163,733\\ 135,530\\ 163,733\\ 186,530\\ 196,449\\ 186,530\\ 196,449\\ 196,530\\ 202,232\\ 449\\ 196,530\\ 202,232\\ 449\\ 449\\ 202,232\\ 449\\ 449\\ 449\\ 449\\ 449\\ 449\\ 449\\ 44$
<b>2</b> , 635 774 774 774 774 778 778 7774 7774 7774	$\begin{array}{c} 376\\ 412\\ 424\\ 428\\ 552\\ 578\\ 557\\ 557\\ 557\\ 557\\ 557\\ 557\\ 557$
$\begin{array}{c} \underline{21}\\ \underline{21}\\ \underline{22}\\ \underline{23}\\ \underline{23}\\ \underline{25}\\ \underline{25}\\ \underline{25}\\ \underline{23}\\ $	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} $
$\begin{array}{c} \begin{array}{c} \begin{array}{c} 22, \\ 22, \\ 369 \\ 22, \\ 719 \\ 22, \\ 2$	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \end{array}\\ \end{array}\\ \begin{array}{c} \end{array}\\ \end{array}\\ \begin{array}{c} \end{array}\\ \end{array}\\ \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \end{array}\\ $
$\begin{array}{c} 1,551\\ 1,755\\ 1,775\\ 2,2,339\\ 2,333\\ $	5400
$\begin{array}{c} \begin{array}{c} 1, 268\\ 1, 427\\ 1, 428\\ 1, 648\\ 1, 557\\ 1, 557\\ 1, 553\\ 1, 553\\ 1, 553\\ 2, 038\\ 2,$	154 154 203 220 227 220 227 2314 3314 357
$\begin{array}{c} 795, 130\\ 864, 235\\ 864, 235\\ 918, 318\\ 918, 318\\ 958, 318\\ 958, 364\\ 1, 016, 647\\ 1, 026, 364\\ 1, 026, 364\\ 1, 039, 712\\ 1, 068, 804\\ 1, 079, 549\\ 1, 079, 549\\ 1, 112, 693\\ 1, 112, 693\\ 1, 117, 205\\ 1, 117$	$\begin{array}{c} 93,945\\ 93,945\\ 103,178\\ 103,178\\ 103,178\\ 1122,013\\ 122,013\\ 122,013\\ 133,785\\ 1148,151\\ 148,151\\ 148,151\\ 148,151\\ 148,151\\ 133,761\\ 153,761\\ 153,761\\ 153,761\\ 139,761\\$
150, 775, 295 161, 785, 375 161, 785, 375 188, 676 189, 386, 400 199, 896, 400 193, 380, 557 187, 553 183, 683, 942 203, 904, 806 208, 644, 145 203, 504, 806 208, 644, 145 203, 504, 806 208, 644, 145 203, 502, 552 203, 502, 502 203, 502	$\begin{array}{c} 18, 296, 074\\ 20, 007, 317\\ 20, 809, 573\\ 20, 809, 573\\ 20, 806, 705\\ 20, 806, 705\\ 20, 806, 705\\ 20, 205, 215\\ 20, 205, 215\\ 20, 205, 215\\ 20, 205, 215\\ 20, 205, 215\\ 20, 215\\$
$\begin{array}{c} 1,066,556\\ 1,137,872\\ 1,248,877\\ 1,248,867\\ 1,345,932\\ 1,345,932\\ 1,345,932\\ 1,345,440\\ 1,371,398\\ 1,402,843\\ 1,402,843\\ 1,402,843\\ 1,402,843\\ 1,402,843\\ 1,402,843\\ 1,406,289\\ 1,466,286\\ 1,466,286\\ 1,466,286\\ 1,466,286\\ 1,466,286\\ 1,466,286\\ 1,46$	$\begin{array}{c} 135,415\\ 145,988\\ 156,988\\ 156,988\\ 171,723\\ 171,723\\ 171,723\\ 171,723\\ 171,723\\ 171,723\\ 182,231\\ 182,231\\ 183,231\\ 296,832\\$
$\begin{array}{c} 213\\ 223\\ 220\\ 220\\ 220\\ 220\\ 220\\ 220\\ 22$	22 8 8 8 8 8 3 4 8 8 8 8 8 9 7 4 8 8 8 8 8 8 8 3 4 8 8 8 8 8 8 9 7 4 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
1883-94 1894-95 1894-95 1894-96 1896-97 1896-96 1896-96 1896-96 1896-1901 1896-1901 1900-12 1901-2 1901-2 1901-3 1903-4 1903-4 1903-5	1800-91 1891-92 1891-92 1891-93 1892-94 1892-96 1895-96 1895-96 1895-96 1897-96 1897-90 1890-190 1901-2 1901-2 1904-5

	Average daily ex- pendi- pupil for all pur- poses.	14	$\begin{array}{c} Cents\\ Cents\\ 15.04\\ 16.75\\ 16.76\\ 16.78\\ 16.78\\ 16.78\\ 16.78\\ 16.78\\ 16.78\\ 16.78\\ 16.78\\ 16.78\\ 16.78\\ 15.88\\ 18.79\\ 15.88\\ 18.79\\ 18$	16.53 16.67 17.58	10.441
91-1905.	Average cost per day of tuition fou one pupil.	13	Cents. 8.78 9.555 9.555 9.555 9.555 9.555 9.555 9.555 1111 125 1111 201	9.9.9.9.9.9.9.9.9.9.9.9.9.9.9.9.9.9.9.	
	Total cost of schools per cap- ita of pupils in average attend-	12	25 25 25 25 25 25 25 25 25 25 25 25 25 2	12 22 23 23 23 23 23 23 23 23 2	0E .77
ls, etc., 1	Cost of teaching and su- per cap- pupils in average attend- ance.	11	\$16,83 18,23 18,23 18,25 18,25 18,26 18,26 18,26 18,25 18,25 18,25 18,25 18,25 18,25 20,10 20,10 22,160 22,160 22,160 22,2160 20,2160 20,2160 20,2160 20,2160 20,2160 20,21600	11 22 23 23 25 25 25 25 25 25 25 25 25 25 25 25 25	1 ET 'OT
I division	Value of school property per cap- ita of pupils in average attend-	10	897, 92 99, 332 99, 334 99, 334 99, 334 100, 55 100, 55 1111, 57 1111, 57 1112, 99 1112, 99 1122, 99 1	102 25 102 25 103 15 105 37 105 37 105 35 112 45 112 45 112 45 112 7 122 92 122 92 122 92 122 7 122 93 132 53 132 53 133 55 133 55 135 135 135 135 135 135 135 135 135 1	
varized by	Average number of seats to a building.	6	$\substack{333}{333}\\3355\\3355\\3355\\3355\\3355\\3355$	882 882 882 882 882 882 882 882 882 882	101
vts, sumn	Average number of seats to each pils in attend- ance.	œ	126, 5 127, 1 127, 1 127, 1 125, 7 125, 7 12	128.55 127.28 127.28 127.27 17.27 17.27 17.27 17.27 17.27 17.27 17.27 17.27 17.27 17.2	100.1
inhabitan	Average number of teach- ers to each su- pervis- ing offi- cer.		20.2 20.2 20.2 20.2 20.2 20.2 20.2 20.2	221 221 221 221 222 232 232 232 232 232	20.02
ver 8,000	Average number of pu- pils in ance to eacher.	9	ૡૢૡૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢૢ		00.11
aining or	Average length of school term.	20	Days. 190.6 191.5 190.6 191.5 190.6 191.4 183.5 183.7 183.7 183.3 183.5	194.7 194.7 194.8 194.8 195.6 195.6 195.9 195.9 196.9 196.7 196.7 196.7 196.7	100.001
ities conte	Average number of days' attend- ance of each pu- pil en- rolled.	4	Days. 137.9 137.0 137.0 137.0 137.0 137.0 140.7 140.5 140.5 140.5 140.5 140.3 140.3 140.3 141.7 141.7 144.7 144.7 144.7	888 144 144 144 144 144 144 144 144 144	191.4
stics of c	Ratio of average attend- ance to ment (public schools).	63	Per cent. 72.1. 72.1. 72.1. 72.9 72.9 72.9 73.5 75.7 75.7 76.1 76.1 76.1 76.1	1100004444460000 00 1000000046000000000000000000000000000	10.1
Comparative statistics of cities containing over 8,000 inhabitants, summarized by divisions, etc., 1891–1905	Ratio of private school enrollment to enrol- ment in all schools, public and private.	5	Per cent. 21.5 21.2 21.2 20.3 20.3 20.3 20.3 20.3 20.3 20.3 20	2010 2010 2011 2011 2012 2012 2012 2012	10.01
TABLE 5.—Compo	Cities of-	I	United States: 1891-92 1892-93 1892-95 1892-96 1895-96 1895-96 1896-96 1896-96 1896-96 1896-96 1896-96 1890-91 1901-3 1902-3 1902-3 1902-3 1902-3	North Atlantic Division: 1891-92 1891-92 1893-94 1894-95 1895-97 1895-96 1896-97 1895-96 1896-97 1896-97 1896-97 1896-97 1896-97 1896-96 1890-1901 1800-2 1800-2 1800-3 18	1892-90

# EDUCATION REPORT, 1905.

11995555555555555555555555555555555555	
<mark>%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%%</mark>	
<mark>81988888888888888888888888888888888888</mark>	
95555555555555555555555555555555555555	
68 68 69 69 69 69 69 69 69 69 69 69	
426 427 428 428 429 421 421 421 421 421 421 421 421	442 428 427
130, 4 130, 4 130, 5 130, 5 130, 5 131, 8 131, 8 131, 8 131, 8 131, 8 131, 8 132, 5 132, 5	127.3 120.1 122.6
82 82 82 82 82 82 82 82 82 82	16.6 16.3 16.2
36, 0 36, 0 35, 2 35, 2 36, 2 37, 2 38, 5 38, 5	35.0 35.3 33.9
187. 3 184. 2 184. 2 185. 9 185. 9 185. 1 185. 1 185. 5 185. 5 18	
133.0 133.0 133.0 133.5 133.5 133.5 133.5 133.2	145.1 146.7 147.8
71,55 71,55 72,55 72,55 72,55 72,55 74	77.078.276.2
8 8 8 8 8 8 8 8 8 8 8 8 8 8	
1893-94 1894-95 1894-95 1894-95 1894-95 1895-96 1895-99 1896-97 1900-1901 1900-1901 1900-1901 1902-4 1895-96 1895-96 1895-96 1895-96 1895-96 1895-96 1892-98 1892-98 1892-98 1892-98 1892-98 1892-98 1892-98 1892-98 1892-98 1892-98 1892-96	1902-3 1903-4 1903-5

•

Average daily ex- pendi- ture per all pur- poses.	14	Cents 22,295 25,201 25,521 25,521 25,521 25,521 25,521 19,930 25,521 19,190 20,179 20,219 20,
Average cost per day of tuition for one pupil.	13	Cent s: Cent
Total cost of schools per cap- ita of pupils in average attend-	12	844 844 888 882 882 85 85 84 84 74 84 74 84 74 84 74 84 74 84 74 84 74 84 74 84 74 84 74 84 74 84 74 84 74 84 84 84 84 84 85 85 85 85 85 85 85 85 85 85 85 85 85
Cost of teaching and su- pervision per (ap- ita of pupils in average attend- ance.	11	828 828 838 838 838 83 83 83 83 83 83 83 83 83
Value of school property per cap- ita of pupils in average attend- ance.	10	\$154.00 156.23 156.23 156.23 151.07 133.96 133.96 123.78 123.450 122.450 122.450 135.89 135.89 135.89 132.99 132.89 140.8
Average number of seats to a building.	6	312 313 334 335 335 335 335 335 335 335 335 33
Average number of seats to each 100 pu- pils in attend- ance.	80	124 8 125 2 125 2
Average number of teach- ers to each su- pervis- ing offi- cer.	L	122233554455845585 122235554455845585 5559674778788
Average number of pu- pils,in attento each teacher.	9	88888888888888888888888888888888888888
Average length of school term.	ũ	Days. 1941 - 1941 - 1911 - 1864 - 1884 - 1884 - 1885 - 1886 - 188
Average number of days' attend- ance of each pu- pil en- rolled.	4	Days. 137, 1 137, 1 135, 5 138, 5 136, 9 136, 9 138, 6 138, 6 138, 5 137, 3 137, 3 137, 3 137, 3 138, 6 138, 6 138, 6 138, 6 134, 5 144, 5 144
Ratio of average attend- ance to enroll- ment (public schools).	ŝ	Per cent. 70.71 70.71 70.71 70.9 70.9 72.8 72.8 72.8 72.8 72.8 75.10 75.10 76.8 76.1
Ratio of private school enrollment to enroll- ment in all schools, public and private.	5	Per cent. 13.9 13.3 14.2 14.2 14.2 14.2 14.2 14.2 10.6 10.6 11.1 11.1 11.5 11.5 11.5 11.5 11.5 11
Cities of	Ι	Western Division: 1891-92. 1892-93. 1892-93. 1893-96. 1894-96. 1894-96. 1896-96. 1896-90. 1896-90. 1896-1901. 1901-2. 1901-2. 1901-4.

TABLE 5.-Comparative statistics of cities containing over 8,000 inhabitants, summarized by divisions, etc., 1891-1905-Continued.

-5
4
90
I
s,
nt
a
Sil
al
n
i
20
8
ŝ
er
ve
0
of
\$
ie
cit
2
in
Se
n
da
n
Le C
at
p
un
~
nt
se
llm
vol
u
ы
10
õ
ch
S
п,
50
at
2%
d
00
f 1
0
S
ti
is
at
St
Ĩ
1.
6
E
TABLE
A
E

			CITY SCH	.00L	SYSTEMS.	4	43
Average	daily at- tendance in public day schools.	12	$\begin{array}{c} 4,461\\ 4,461\\ 7.25\\ 3,266\\ 3,266\\ 930\end{array}$	1,107	2,324 2,600 3,976 1,750	$\begin{array}{c} & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & &$	* 
		11	$\begin{array}{c} 138, 549\\ a\ 794, 058\\ a\ 130, 500\\ a\ 718, 256\\ 558, 923\\ 149, 400\end{array}$	188, 153	418, 327 468, 000 702, 266 315, 000	$\begin{array}{c} 524,232\\ 711,104\\ 711,104\\ 526,953\\ 770\\ 526,953\\ 1,867,783\\ 1,867,783\\ 1,867,783\\ 1,867,783\\ 1,867,783\\ 1,867,783\\ 1,556\\ 602\\ 602\\ 603\\ 703\\ 811,518\\ 812,518\\ 812,51$	
	the schools were actu- ally in session.	10	171 178 178 178 172 172	170	180 175 175 180	1200 1200 1120 1177 1189 1189 1189 1189 1189 1189 1189	ol, 179 da
colled in ools.	Total.	6	$1,305\\6,426\\5,102\\1,282\\1,282\\1,282$	1,670	$3, 182 \\ 3, 157 \\ 5, 353 \\ 2, 628 \\ 2$	$\begin{array}{c} 3,579\\ 4,579\\ 1,989\\ 3,958\\ 5,713\\ 3,958\\ 5,713\\ 5,712\\ 5,$	e High school, 179 days.
Different pupils enrolled public day schools.	Girls.	œ	$\begin{array}{c} 677\\ 3,405\\ 520\\ 2,678\\ 2,384\\ 716\end{array}$	770	$\begin{array}{c} 1, 643 \\ 1, 637 \\ 2, 872 \\ 1, 465 \end{array}$	$\begin{array}{c} 1, \\ 3, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,$	
Different publi	Boys.	-	$\begin{array}{c} 628\\ 3,021\\ 2,428\\ 2,428\\ 2,049\\ 566\end{array}$	006	$1,539\\1,520\\2,481\\1,163$	$\begin{array}{c} 1.22\\$	
Pupils in private	and pa- rochial schools (largely esti- mated).	9	$\begin{array}{c} 350\\1,200\\*490\\2,987\end{array}$	500	8500 8500 8200	$\begin{array}{c} 271\\ 271\\ 272\\ 272\\ 274\\ 274\\ 274\\ 274\\ 274\\ 246\\ 24\\ 646\\ 23\\ 24\\ 646\\ 23\\ 24\\ 23\\ 24\\ 23\\ 23\\ 24\\ 23\\ 22\\ 24\\ 22\\ 24\\ 22\\ 24\\ 22\\ 24\\ 22\\ 22$	b Estimate of 1904
	Children of school age.	ν¢	5, 134 13, 858 2, 500 8, 856 4, 237	3,000	$\begin{array}{c} 5,334\\ 5,334\\ 13,384\\ 4,270 \end{array}$	$\begin{array}{c} 4, 182\\ 4, 182\\ 4, 117\\ 3, 5, 117\\ 11, 316\\ 11, 316\\ 11, 316\\ 3, 361\\ 3$	b Estim
	School age.	4	7-21 7-21 7-21 7-21 7-21 7-21 6-21	6-21	$\begin{array}{c} 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\end{array}$	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	-
Pomila	tion, 1904 tion, 1904 (Census Office esti- mate).	¢	$\begin{array}{c} 10, 905\\ 44, 640\\ 8, 103\\ 39, 769\\ 11, 902 \end{array}$	-	$\begin{array}{c} 23,327\\ 10,918\\ 38,716\\ 12,875\end{array}$	19, 114 18, 600 13, 505 13, 265 13, 737 13, 737 13, 737 13, 737 13, 737 13, 737 13, 737 13, 737 13, 737 14, 000 19, 046	ely.
	Total population, census of 1900.	જ	$\begin{array}{c} 9,695\\ 8,068\\ 8,068\\ 33,469\\ 30,346\\ 8,713\end{array}$	7,531	$\begin{array}{c} 11,587\\ 9,973\\ 38,307\\ 11,496\end{array}$	1, 1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,	a Approximately
	City.	1	ALABAMA. Anniston*. Birmingham. Huntsville. Montgomery.	7 Tucson	Fort Smith. Hot Springs. Little Rock*. Pine Bluff.	Alameda. Alameda. Berkeley. Berkeley. Fereno. Los Angeles. Los Angeles. Los Angeles. Resande. Resande. Resande. Sarramento. Sa	* Statistics of 1903-4.
L			H00400	7	$^{8}_{10}$	222220182122222222222222222222222222222	i

CITY SCHOOL SYSTEMS.

÷	
.0	
e	
- 3	
Ċ.	
·=	
تيو.	
G	
1	
Ý	
10	
ĩ	
17	
0	
õ	
2	
00	
2	
23	
Q	
5	
à	
hai	
2	
3	
2.	
1	
0	
0	
õ	
~	
00	
5	
2	
2	
0	
4	
0	
-	
ŝ	
je.	
2	
5	
::	
2	
·~	
5	
~	
~	
o_	
q	
-u	
5	
÷	
13	
9	
3	
2	
3	
B	
-	
~	
5	
~	
~	
~	
9	
2	
3	
Q	
~	
Ó	
č	
~~~	
S	
-	
n	
ion	
. 0	
5	
0	
5	
3	
a	4
Ô	1
š	
2	
4	
0	
0	
ŝ	
. 0	
·~.	
st	
- 23	
÷	
0	
+	
3	
1	
Ĩ	
· ·	
-	
1.2	
щ	
H	
B	
-	
Y	
TA	
TABLE	

5			EDUCAL	101	LEP	oni,	1905.	•					
		12	$\begin{array}{c} 4,008\\ 2,580\\ 24,329\\ 1,214\end{array}$	$^{2,108}_{2,938}$	$^{2,226}_{2,226}$	1, 1/0 1, 505 2, 350	10, 755 755 1, 337	3,305 1,234 1,234	$^{1,00}_{4,237}$	$^{2,230}_{2,908}$	917 763	1,617	7,198
Aggregate number of	days' at- tendance of all pu- pils in pub- lic day schools.	11	$737, 472\\a 451, 500\\4, 525, 194\\225, 745$	381,675 525,902	431, 844	1, 8/1, 453 279, 261 446, 500 1027, 201	α 139, 675 248, 664	594,900 217,254 305,401	3, 404, 400	567, 060	173, 313 148, 392	308, 264	1, 403, 766
	the schools were actu- ally in session.	10	184 175 186 185	181 179	194	1854 190	185 185	180 176 1861	200 184 200	195	189 192	190 190 180	195
olled in ols.	Total.	6	5,278 3,600 32,974 1,551	3,190 4,374	2,628	2,700 2,700	1,076 1,776 1,776	$ \frac{4}{218} $ $ \frac{1}{218} $ $ \frac{1}{215} $	20,661	3,865	1, 191	2,229	$^{9,304}_{1,390}$
Different pupils enrolled in public day schools.	Girls.	80	$\substack{2,755\\1,750\\16,647\\805}$	$^{1,680}_{2,319}$		<sup>5,901</sup> 970 1,410	905	1 008	2,730	1,926		2, 14/	4,624
Different	Boys.	2	$\begin{array}{c} 2,523\\ 1,850\\ 16,327\\ 746\end{array}$	$1,510 \\ 2,055$		$^{6,017}_{1,049}$	871	1117	2,301	1,939		2, 312	4,680
Pupils in private	and pa- rochial schools (largely esti- mated).	9	1,500 1,500	247	192	2,500 1,133 2,133	00,00	1,773	$^{1,900}_{2,937}$	729	400 91	1,027 $400$	$^{2,467}_{750}$
	Children of school age.	ro.	$\substack{6,628\\46,400}\\2,685$	5,914 7,314	3,604	17, 854 2, 462 16, 904	1, 291 1, 291 1, 592	$^{6,742}_{2,150}$	$^{+}_{25,047}$	4,998	1,563 1,141 1,057	$^{4, 52}_{3, 249}$ $^{1, 872}_{1, 872}$	2,328
	School age.	4	6-21 6-21 6-21 6-21	$\left\{ \begin{array}{c} 6-21\\ 6-21 \end{array} \right\}$	4-16	4-16 4-16 5-15	$\left\{\begin{array}{c} 5-20\\ 4-16\\ 4-16\end{array}\right\}$	4-16 4-16	4-16 1-4-16	4-16	{ 4-16 4-16	4-10 4-16 4-16	4-16
	ropua- tion, 1904 (Census Office esti- mate).	e	$\begin{array}{c} 28,186\\ 10,147\\ 150,317\\ 13,490\end{array}$	30, 457	13, 851	82, U61 16, 537 02, 160	11, 791	25,616 9,879 19,701	30, 178 30, 178 119, 027	19,440	19, 637	10,400	60, 109
	Total population, census of 1900.	8	$\begin{array}{c} 21,085\\ 10,147\\ 133,859\\ 12,455\end{array}$	28, 157	12,681	0, 996 9, 643 19, 474 70, 650	10,601	28,695 9,589 10,541	25,998 108,027	19, 932	17,251	12, 453 8, 483 8, 483	45,859 45,859 10,137
	City. p	T		District No. 1.		Britsol Britsol Danbury Danbury		Mer Mid Nar			Central district		
			282329	31 30	32	55 <del>2</del> 2	37 38 38	40 41	4444	<b>4</b>	46	\$ <del>6</del> 9 9 5	2225

EDUCATION REPORT, 1905.

1         DLAVALE.         DLAVALE. <thdlavale.< th="">         DLAVALE.         DLA</thdlavale.<>
54         Wintington         DBLAWARE.         76,508         8,8,800         6-21         *6.5         85,853         *6.           55         Washington         DISTREC OF COLUMAL.         278,718         302,883         *6-17         *55,855         *6           56         Jacksonville (*         FLORIDA.         278,718         302,883         *6-17         *55,855         *6           56         Jacksonville (*         ELORIDA.         278,714         20,741         *5,583         *6           56         Jacksonville (*         ELORIDA.         278,714         20,741         *5,583         *6           56         Athens.         GBORGIA.         11,712         20,313         6-18         3,436           66         Athens.         GBORGIA.         10,245         11,000         6-18         3,543           70000         Mathens.         GBORGIA.         10,245         11,000         6-23         4,735           8         Athens.         GBORGIA.         10,245         11,000         6-23         4,735           8         Mathens.         IDANO         5,637         11,000         6-23         4,735           8         Mathon         IDANO
54         Wintington         DBLAWARE.         76,508         8,8,800         6-21         *6.5         85,853         *6.           55         Washington         DISTREC OF COLUMAL.         278,718         302,883         *6-17         *55,855         *6           56         Jacksonville (*         FLORIDA.         278,718         302,883         *6-17         *55,855         *6           56         Jacksonville (*         ELORIDA.         278,714         20,741         *5,583         *6           56         Jacksonville (*         ELORIDA.         278,714         20,741         *5,583         *6           56         Athens.         GBORGIA.         11,712         20,313         6-18         3,436           66         Athens.         GBORGIA.         10,245         11,000         6-18         3,543           70000         Mathens.         GBORGIA.         10,245         11,000         6-23         4,735           8         Athens.         GBORGIA.         10,245         11,000         6-23         4,735           8         Mathens.         IDANO         5,637         11,000         6-23         4,735           8         Mathon         IDANO
54         Wintington         DBLAWARE.         76,508         8,8,800         6-21         *6.5         85,853         *6.           55         Washington         DISTREC OF COLUMAL.         278,718         302,883         *6-17         *55,855         *6           56         Jacksonville (*         FLORIDA.         278,718         302,883         *6-17         *55,855         *6           56         Jacksonville (*         ELORIDA.         278,714         20,741         *5,583         *6           56         Jacksonville (*         ELORIDA.         278,714         20,741         *5,583         *6           56         Athens.         GBORGIA.         11,712         20,313         6-18         3,436           66         Athens.         GBORGIA.         10,245         11,000         6-18         3,543           70000         Mathens.         GBORGIA.         10,245         11,000         6-23         4,735           8         Athens.         GBORGIA.         10,245         11,000         6-23         4,735           8         Mathens.         IDANO         5,637         11,000         6-23         4,735           8         Mathon         IDANO
54         Wintington         DBLAWARE.         76,508         8,8,800         6-21         *6.5         85,853         *6.           55         Washington         DISTREC OF COLUMAL.         278,718         302,883         *6-17         *55,855         *6           56         Jacksonville (*         FLORIDA.         278,718         302,883         *6-17         *55,855         *6           56         Jacksonville (*         ELORIDA.         278,714         20,741         *5,583         *6           56         Jacksonville (*         ELORIDA.         278,714         20,741         *5,583         *6           56         Athens.         GBORGIA.         11,712         20,313         6-18         3,436           66         Athens.         GBORGIA.         10,245         11,000         6-18         3,543           70000         Mathens.         GBORGIA.         10,245         11,000         6-23         4,735           8         Athens.         GBORGIA.         10,245         11,000         6-23         4,735           8         Mathens.         IDANO         5,637         11,000         6-23         4,735           8         Mathon         IDANO
54         Wintington         DBLAWARE.         76,508         8,8,800         6-21         *6.5         85,853         *6.           55         Washington         DISTREC OF COLUMAL.         278,718         302,883         *6-17         *55,855         *6           56         Jacksonville (*         FLORIDA.         278,718         302,883         *6-17         *55,855         *6           56         Jacksonville (*         ELORIDA.         278,714         20,741         *5,583         *6           56         Jacksonville (*         ELORIDA.         278,714         20,741         *5,583         *6           56         Athens.         GBORGIA.         11,712         20,313         6-18         3,436           66         Athens.         GBORGIA.         10,245         11,000         6-18         3,543           70000         Mathens.         GBORGIA.         10,245         11,000         6-23         4,735           8         Athens.         GBORGIA.         10,245         11,000         6-23         4,735           8         Mathens.         IDANO         5,637         11,000         6-23         4,735           8         Mathon         IDANO
54         Wintington         DBLAWARE.         76,508         8,8,800         6-21         *6.5         85,853         *6.           55         Washington         DISTREC OF COLUMAL.         278,718         302,883         *6-17         *55,855         *6           56         Jacksonville (*         FLORIDA.         278,718         302,883         *6-17         *55,855         *6           56         Jacksonville (*         ELORIDA.         278,714         20,741         *5,583         *6           56         Jacksonville (*         ELORIDA.         278,714         20,741         *5,583         *6           56         Athens.         GBORGIA.         11,712         20,313         6-18         3,436           66         Athens.         GBORGIA.         10,245         11,000         6-18         3,543           70000         Mathens.         GBORGIA.         10,245         11,000         6-23         4,735           8         Athens.         GBORGIA.         10,245         11,000         6-23         4,735           8         Mathens.         IDANO         5,637         11,000         6-23         4,735           8         Mathon         IDANO
54         Nimington.         DELAWARE.         76, 508         88, 800         6-21
54         DELAWARE.           55         Wilmington.         DELAWARE.           55         Washington.         DISTRICT OF COLUMBIA.           56         Jacksonville «*         FLORIDA.           56         Jacksonville «*         FLORIDA.           56         Jacksonville «*         Gaoada.           56         Jacksonnah.         IDAHO.           56         Jacksonnah.         IDAHO.           56         Jacksonnah.         IDAHO.           56         Jacksonnah.         IDAHO.           56         Macon.         IDAHO.           56         Macon.         IDAHO.           57         Dolannolie         IDAHO.           58         Macon.         IDAHO.           59         Dasce.         IDAHO.           50         Macon.         IDAHO. <tr< td=""></tr<>
54         DELAWARE.           55         Wilmington.         DELAWARE.           55         Washington.         DISTRICT OF COLUMBIA.           56         Jacksonville «*         FLORIDA.           56         Jacksonville «*         FLORIDA.           56         Jacksonville «*         Gaoada.           56         Jacksonnah.         IDAHO.           56         Jacksonnah.         IDAHO.           56         Jacksonnah.         IDAHO.           56         Jacksonnah.         IDAHO.           56         Macon.         IDAHO.           56         Macon.         IDAHO.           57         Dolannolie         IDAHO.           58         Macon.         IDAHO.           59         Dasce.         IDAHO.           50         Macon.         IDAHO. <tr< td=""></tr<>
54         DELAWARE.           55         Wilmington.         DELAWARE.           55         Washington.         DISTRICT OF COLUMBIA.           56         Jacksonville «*         FLORIDA.           56         Jacksonville «*         FLORIDA.           56         Jacksonville «*         Gaoada.           56         Jacksonnah.         IDAHO.           56         Jacksonnah.         IDAHO.           56         Jacksonnah.         IDAHO.           56         Jacksonnah.         IDAHO.           56         Macon.         IDAHO.           56         Macon.         IDAHO.           57         Dolannolie         IDAHO.           58         Macon.         IDAHO.           59         Dasce.         IDAHO.           50         Macon.         IDAHO. <tr< td=""></tr<>
54         DELAWARE.           55         Wilmington.         DELAWARE.           55         Washington.         DISTRICT OF COLUMBIA.           56         Jacksonville «*         FLORIDA.           56         Jacksonville «*         FLORIDA.           56         Jacksonville «*         Gaoada.           56         Jacksonnah.         IDAHO.           56         Jacksonnah.         IDAHO.           56         Jacksonnah.         IDAHO.           56         Jacksonnah.         IDAHO.           56         Macon.         IDAHO.           56         Macon.         IDAHO.           57         Dolannolie         IDAHO.           58         Macon.         IDAHO.           59         Dasce.         IDAHO.           50         Macon.         IDAHO. <tr< td=""></tr<>
888 88911 1111119 9 0 000000 aaaaa aa
ED 1905-VOL 1

CITY SCHOOL SYSTEMS.

	0	tt- lice lic	l		2,046 2,986	912 296	102	724	161	166	480	471 501	:	3,653 5,428	108	021	335		928 3. 191	139	360	84	4,889 1,587	333
	Average	daily at- tendance in public day schools.	12		ກົດໂ	1,	î – î	, r	î –î	ນົດ	Î.Î.			<i>т</i> .	ີຕົ້ະ	÷.	1,		¢.		÷ς,	.9	4,1	L,
nued.	Aggregate number of	days' at- tendance of all pu- pils in pub- lic day schools.	11		384,500 $519,564$	319, 363 200-215	311, 259	302,003 197,632	216,054	306,055 a 560.382	276,885	282,445 257.587		a 730, 600 1.009.534	557, 564	1, U39, 992 357, 005	354,200		171, 773 574, 380			1,256,810	933, 789 293, 595	243, 273
Conti	Num- ber of	the schools were actu- ally in session.	10		188	167	183	193	176	177	187	192	190	200 186	176	182	193		185	176	180	200	191 185	$182_{21}$
, 1964-5-	rolled in ools.	Total.	6		2,377	2,321	2,087	2,700	1,460	2,687	1,839	1,809 1.592	7,900	5,040	3,850	0,900	2,183		1,296 3.924	1,863	2,843	2,800	6, 162 2, 055	1,663
icbitants.	Different pupils enrolled in public day schools.	Girls.	œ		1,241 1,873	1,217	1,080	1,381	785	2,016	946	904 833	4,000	2,721	1,935	0,490	1,143		677 1.943	996	1,430	1,400	3,158 1,028	818
8,000 in1	Different publi	Boys.	-		1,136 1,817	1,104	1,007	1,3/4	675	1,401	893	905	3,900	2,319 3,343	1,915	0,41U	1,040		619	897	1,413	1,400 4,537	3,004 1,027	8451
s of over	Pupils in pri-	ate and parochial schools (largely esti- mated).	9		500	9 104	845	400	* 429	180		175	2,519	2,775	842	4,004 689	300		240	180	200	3,000	3,800 1,500	* 500
e in citie		of school age.	ro		5,014	3,833 .	5,439	3, 738	3,500	5.467	2,328	3,562 2,640	17,090	13,641 9.594	5,963	4,584			2,120 6.470	2,500	3, 781	$\frac{4}{17,617}$	14, 706 4, 443	2,746
tendanc		School age.	4		6-21 6-21	6-21	6-21	6-21	6-21	6-21	6-21	6-21 6-21	6-21	6-21	6-21	6-21	0-21		6-21 6-21	6-21	6-21	6-21	6-21 6-21	6-211
ent, and at	Domla	tion, 1904 (Census Office esti- mate).	eo		20, 277	16, 148	15,880	10, 28/	10,650	20,023		9.455	65,026	38,632	22, 423	15, 504	11,681		24,898	XC0 0	17, 119	18, 185 63, 132	49,975 15,526	10, 541
ol enrollm		Total population, census of 1900.	ત્ર		13, 238	15,078	13, 595	0, 302 10, 446	8,962	9,022 17.248	7,460	8,420	56,100	36,252 31.051	19,493	14,079	9,426		7,221 20.178	7, 786	15, 184	12, 950	$^{45,115}_{*12,376}$	9, 491 I
TABLE 6Statistics of population, school enrollment, and attendance in cities of over 8,000 inhcbitants, 1904-5-Continued		City.	I			Jacksonvule				Moline				Rockford	I Rock Island		Waukegan			7 Brazil 8 Columbus				4 Huntington.
		· · ·		E G	388	õ 8	888	88	66	646	82 8	626	86	100	101	103	JOT	10,	106	108	109	E	113	¥11

EDUCATION REPORT, 1905.

$\begin{smallmatrix} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & & \\ & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ $	$\begin{array}{c} 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\ 1.72\\$	1,508 1,705 5,3315 5,315 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,705 1,7	1,518 1,612 1,682 985 1,882 1,882 7,482
4, 391, 700 263, 475 263, 475 383, 540 483, 550 483, 550 533, 640 533, 640 533, 640 533, 550 533, 640 533, 550 533, 550 533, 550 533, 550 1, 166, 559 1, 166, 559 1, 166, 559 1, 166, 559 1, 166, 559 234, 712 234, 712 234, 712	$\begin{array}{c} 307, 799\\ 307, 799\\ 815, 501\\ 815, 616\\ 815, 616\\ 815, 616\\ 15, 616\\ 15, 616\\ 15, 616\\ 15, 616\\ 10, 016\\ 11, 025\\ 10, 103\\ 11, 129, 956\\ 645, 034\\ 278, 960\\ 11, 129, 956\\ 645, 034\\ 278, 960\\ 110\\ 278, 960\\ 110\\ 278, 960\\ 110\\ 278, 960\\ 110\\ 278, 960\\ 110\\ 278, 960\\ 110\\ 278, 960\\ 110\\ 278, 960\\ 110\\ 278, 960\\ 110\\ 100\\ 100\\ 100\\ 100\\ 100\\ 100\\ 1$	$\begin{array}{c} 313, 384\\ 326, 404\\ 326, 404\\ 320, 045\\ 320, 045\\ 621, 544\\ 1, 034, 041\\ 1, 034, 041\\ 1, 034, 041\\ 180, 400\\ 180, 400 \end{array}$	$\begin{array}{c} 262,899\\ 285,324\\ 286,324\\ 155,649\\ 313,669\\ 363,844\\ 364,844\\ 364,844\\ 1,313,438\end{array}$
183 175 177 177 177 177 177 177 177 180 180 180 180 187 180 187 187 187 187 187 187 176	175 175 175 175 175 175 175 175 175 175	172 176 176 178 178 178 178 178 178 176	174 177 160 158 173 175 175 175
$\begin{array}{c} 30, 480\\ 1, 901\\ 1, 901\\ 2, 727\\ 2, 727\\ 2, 727\\ 3, 576\\ 3, 576\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744\\ 3, 744$	$\begin{array}{c} 2, 130\\ 2, 130\\ 7, 230\\ 7, 210\\ 2, 551\\ 2, 106\\ 833\\ 833\\ 720\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ 1, 200\\ $	$\begin{array}{c} 2,224\\ 2,224\\ 2,276\\ 9,891\\ 2,028\\ 1,391\\ 1,391\end{array}$	1,972 2,040 1,570 1,570 2,277 2,776 10,086
15, 356 1988 1, 988 1, 988 1, 988 1, 988 1, 988 1, 988 1, 1, 178 1, 178	$\begin{array}{c} 1,043\\ 2,343\\ 2,343\\ 2,900\\ 3,555\\ 2,135\\ 2,135\\ 2,135\\ 1,130\\ 1,130\\ 1,130\end{array}$	$\begin{array}{c} 1,166\\ 1,418\\ 1,469\\ 1,469\\ 2,411\\ 4,942\\ 1,043\\ 1,043\\ 1,043\end{array}$	1,025 1,021 1,180 1,180 1,182 1,451 5,290
$\begin{array}{c} 15, 124\\ 15, 123\\ 1, 913\\ 1, 913\\ 1, 928\\ 1, 933\\ 1, 933\\ 1, 933\\ 1, 100\\ 1, 100\\ 1, 100\\ 1, 100\\ 1, 140\\ 1, 140\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 149\\ 1, 14$	$\begin{array}{c} 1,087\\ 2,011\\ 2,011\\ 3,655\\ 3,655\\ 3,655\\ 2,031\\ 2,031\\ 2,031\\ 1,040\\ 1,040\\ 1,040\\ 1,040\\ 288\end{array}$	$\begin{array}{c} 1,058\\ 1,331\\ 1,442\\ 1,442\\ 1,123\\ 2,111\\ 4,949\\ 855\\ 637\end{array}$	796 200 100 1, 140 1, 085 1, 325 1, 325 4, 796 4, 796
*1,125 *1,400 650 200 360 380 380 360 360 360 360 360 360 360 360 360 36	$\begin{array}{c} *247\\ 500\\ 501\\ 400\\ 1,194\\ 1,194\\ 12\\ 3,208\\ 765\end{array}$	* 338 * 50 * 50 1,000 * 300 * 300	796 200 100 150
45, 117 45, 117 45, 117 45, 147 45, 147 474 474 474 474 474 474 474 474 474	$\begin{array}{c} * 2, 794 \\ * 7, 300 \\ 8, 223 \\ 6, 223 \\ 6, 138 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ 12, 386 \\ $	**************************************	$\begin{array}{c} 3,932\\ 3,932\\ 1,835\\ 1,835\\ 2,815\\ 3,147\\ 3,147\\ 17,086\end{array}$
6-21 6-21 6-22 6-22 6-22 6-22 6-22 6-22	$\left\{\begin{array}{c} 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-22\\ 5-21\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-22\\ 5-2$	$\left\{\begin{array}{c} 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ 5-21\\ \end{array}\right\}$	5-21 5-21 5-21 5-21 5-21 5-21 5-21 5-21
$\begin{array}{c} 212,108\\ 10,829\\ 11,754\\ 11,754\\ 11,754\\ 11,754\\ 11,754\\ 11,754\\ 12,085\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056\\ 13,056$	9,500 25,338 25,338 22,755 22,755 25,231 33,797 75,626 41,941 14,369 14,941 8,767	14, 604 12, 045 15, 087 10, 203 20, 181 40, 952 18, 071	18, 159 8, 974 8, 974 12, 248 6, 449 11, 215 67, 614
100, 104, 104, 104, 104, 104, 104, 104,	$\begin{array}{c} & 8,830\\ & 8,830\\ & 22,656\\ & 22,656\\ & 555,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\ & 355,802\\$	$\begin{array}{c} 14, 564\\ 11, 544\\ 14, 073\\ 9, 212\\ 18, 197\\ 33, 111\\ 33, 111\\ 12, 580\\ 12, 580\\ \end{array}$	$\begin{array}{c} 15,722\\ 8,223\\ 10,322\\ 10,155\\ 9,379\\ 51,418\\ 51,418\\ 903-4. \end{array}$
115     Indianapolis       116     Forersonville       117     Kokomo.       118     Lafayette       119     Lagansport       119     Lagansport       119     Lagansport       119     Lagansport       119     Lagansport       119     Lagansport       119     Marion       120     Marion       121     New Albany       122     Richmond       123     Richmond       123     Richmond       125     Richmond       126     New Albany       127     Terret       128     Nichelisen       129     Napadi       120     Washington		145 Kookus 146 Musushitown 146 Musushitown 147 Oskaloosa 148 Sioux City 148 Sioux City 149 Sioux City 149 Sioux City 150 Waterloo: 150 West side 151 West side	I52         KANSAS.         I1           I53         Remporta.         I1           I54         Forn Dorita.         I1           I55         Remporta.         I1           I56         Remporta.         I1           I56         Remporta.         I2           I56         Rutehinson.         I2           I57         Ransas City.         51           I58         Kansas City.         6
	AUNAUS CLUTT		1011111

## CITY SCHOOL SYSTEMS.

Average	daily at- tendance in public day schools.	12		2,044 2,571	2,332 5,690 4.525		853 3,828	1,248	3, 737 22, 311	2,051 2,695		714 94 078	1,494		1,601	3,244	1,068
Aggregate number of		11			1,024,200 800.300		155,952 708,162	212, 300	4,306,023	$371,231 \\ 490,512$		4 446 084	254,968		288, 270		187,968
Num- ber of	days the schools were actu- ally in session.	10		172 180 1.66	120		184	192	193	181 190		170	121		180	171 171	176
olled in ools.	Total.	6		$\frac{4}{3},042$	2,254 3,254 7,172 5,859		1,345 5,048	1,254	28,434	3,372 3,584		969 31 600	2,200		1,926 c1.608	3, 598	1,579
Different pupils enrolled in public day schools.	Girls.	90		$^{2,001}_{1,600}$	3,740		685 2,559	850 943	3, 221	$1,830 \\ 1,916$		533 16 508	1,120		1,002	1,914	1 967
Different	Boys.	1.		2,041 1,600 1,600	1,529 3,432 2,764		$2, \frac{660}{289}$	827	2,195 13,283	1,542 1,668		436	1,080		924	1,684	1 488
Pupils in private	and parrochial schools (largely esti- mated).	9		*0 750 200	120		4,325	200	900 8,000	300 300		300	680		350 200	715	2,000
	Children of school age.	5		3,904 6,695 2,105	2,056 10,665 603 603		*2,330 18,770	2, 334	10, 130 63, 383	$\begin{array}{c} 4,460\\ 6,143\end{array}$		1,400	4, 396		$^{3,818}_{3.107}$	6,245	5,865 10,865
	School age.	4		5-21 5-21	5-212		*6-20 6-14	6-20	6-20	6-20 6-20		6-18	6-18		5-21 5-21	5-21	122
-lined	ropula- tion, 1904 (Census Office esti- mate).	en		11,708 20,934	15,012 37,641 31,110		8, 386 45, 877	14,992	222,660	14,250 21,960		11,664	17,528				16,995
	Total population, census of 1900.	ત		$   \begin{array}{c}     10,862 \\     20,735 \\     7,869 \\     7,869 \\   \end{array} $	10,112 33,608 24,671		$^{8,226}_{42,938}$	10,272	20, 369 204, 731	13,189 $19,446$		11,269 $287,104$	16,013		12,951 11.683	21,850	16, 145
	City.	1	KANSAScontinued.	Lawrence. Lawrence. Desvonworth.	rations Topeka Wichtta	KENTUCKY.	Bowling Green	Henderson	Lexington. Louisville.	Aceword Acemostoro Paducah.	LOUISIANA.	Baton Rouge <sup>b</sup>	Shreveport	MAINE.	Auburn. Augusta.	Bangor. Bath	Biddeford Lewiston
				159 160			165 166	198	R0112	172		174	176		177	120	181

TABLE 6.—Statistics of population, school enrollment, and attenaance in citics of over 8,000 inhabitants, 1904-5.—Continued.

EDUCATION REPORT, 1905.

		T	π.
$^{1, 489}_{1, 178}$	$\begin{array}{c} 914\\ 55,067\\ 1,777\\ 1,204\\ 1,975\\ 1,975\end{array}$	$\begin{array}{c} 0.5\\ 0.5\\ 0.5\\ 0.5\\ 0.5\\ 0.5\\ 0.5\\ 0.5\\$	
220, 372 193, 192	$\begin{array}{c} 150, 175\\ 10, 462, 730\\ 318, 083\\ 213, 108\\ 355, 841 \end{array}$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	
148 164	e200 190 177 177	192 193 193 193 193 193 193 193 193 193 193	
1,612 1,452	$\begin{array}{c} 1,270\\ 81,205\\ 2,573\\ 2,573\\ 1,711\\ 2,712\\ 2,712\end{array}$	of the form of the second seco	days.
878 733	$\begin{array}{c} 41,319\\ 1,342\\ 1,342\\ 1,281\end{array}$	1,001 805 805 805 805 805 805 805 805 805 805	chool, 190
734 719	39,856 1,231 809 1,431	888 889 887 887 887 887 887 887	s ugiH a
200	300	467 700 200 200 200 200 441 600 441 608 200 200 200 200 200 200 200 200 200 2	
$1,978 \\ 2,972$	3,760	0, 200 0, 200	
5-21 5-21	6-21 6-21 6-21	9001, 1	lays.
$\left  \begin{array}{c} 8,150\\ 10,662 \end{array} \right $	$\begin{array}{c} & 8,985 \\ & 546,217 \\ & 19,328 \\ & 9,846 \\ & 15,326 \end{array}$	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	schools 75 0
$^{8, 150}_{9, 477}$	$\begin{array}{c} 8,402\\ 508,957\\ 17,128\\ 9,296\\ 13,591\end{array}$	4.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5.         5	COLOTED
184 Rockland. 185 Waterville.		m	o Statistics for White schools only.

Continued.
1904-5
inhabitants,
" over 8,000
in cities of
attendance i
Ulment, and
chool enro
f population, s
Statistics of
TABLE 6

U				EDUCATION REPORT, 1905.
Constant of the second		tendance in public day schools.	12	9,9,1,8,1,4,9,4,5,5,5,4,1,9,1,1,1,1,9,9,8,7,8,5,5,5,5,5,5,5,5,5,5,5,5,5,5,5,5,5
	Aggregate number of	days' at- tendance of all pu- pils in pub- lic day schools.	11	532, 753 5315, 158 5477, 568 5446, 642 5345, 642 12895, 643 1755, 573 1, 905, 653 1175, 573 1, 905, 533 1, 1755, 537 1171, 345 1171, 345 1171, 345 1171, 345 1171, 345 1171, 353 3557, 373 3557, 373 3577, 3737 3577, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 3777, 37777, 37777, 37777, 37777, 37777, 37777, 37777, 37777, 377777, 37777, 37777, 37
		the schools were actu- ally in session.	10	157 1587 1591 1592 1593 1593 1593 1593 1593 1593 1593 1593
	rolled in ools.	Total.	6,	第一部では、1995年1995年1995年1995年1995年1995年1995年1995
	Different pupils enrolled in public day schools.	Girls.	80	1, 2010 1, 599 2, 0882 2, 0885 2, 0885 2, 0885 2, 2887 2, 2887 2, 2887 1, 1882 1, 1882 1, 1288 1, 2808 1, 2808 2, 2808
	Different publi	Boys.	2	1,200 1,200 1,200 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120 1,120
	Pupils in private	and pa- rochial schools (largely esti- mated).	9	1,504 1,504 1,504 1,504 1,504 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,
		of school age.	10	2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,200 2,
		School age.	4	7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-7-
	-eltinof	tion, 1904 tion, 1904 (Census Office esti- inate).	3	22 100 100 100 100 100 100 100 100
		Total population, census of 1900.	62	8,15,9,55,500 8,15,9,55,500 8,15,9,55,500 8,15,9,55,500 1,1,1,2,2,500 1,1,1,2,2,500 1,1,1,2,2,500 1,1,1,2,2,500 1,1,1,2,2,500 1,1,1,2,2,500 1,1,1,2,2,500 1,1,1,2,2,500 1,1,1,2,2,500 1,1,1,2,2,500 1,1,1,2,2,500 1,1,1,2,2,500 1,1,1,2,2,500 1,1,1,2,2,500 1,1,1,2,2,500 1,1,1,2,2,500 1,1,1,2,2,500 1,1,1,2,2,500 1,1,1,2,2,500 1,1,1,2,2,500 1,1,1,2,2,500 1,1,1,2,2,500 1,1,1,2,2,500 1,1,1,2,2,500 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,200 1,1,2,2,2,2,200 1,2,2,2,2,200 1,2,2,2,2,200 1,2,2,2,2,200 1,2,2,2,2,200 1,2,2,2,
		City.	I	<ul> <li>MASSACHUSETTS-continued.</li> <li>Northampton</li> <li>Preabody</li> <li>Pristield</li> <li>Plymouth</li> <li>Plymouth</li> <li>Southbride</li> <li>Southbrid</li></ul>
				22222222222222222222222222222222222222

CITI SCHOOL SISLEMS.	401
1, 1, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,	8, 229
222, 054 212, 050 212, 050 212, 050 212, 050 212, 050 212, 050 222, 054 222, 056 223, 050 223, 050 233, 058 233, 058 234, 058 233, 058 234, 058 234, 058 234, 058 234, 058 235, 058 236, 058 236, 058 236, 058 237, 058 237, 058 237, 058 237, 058 238, 058 248, 058 248, 058 248, 058 248, 058 248, 0	, 464,
200 195 195 195 195 195 195 195 195	178   eport, 19
2, 12, 12, 12, 12, 12, 12, 12, 12, 12, 1	11,627   e school r
21, 275 1, 275 1, 275 1, 275 1, 256 1, 256 1, 256 1, 256 1, 256 1, 256 1, 256 1, 258 2, 224 2, 224 1, 258 1, 25	5, 930 Ι 11, 627 Ι 178 Ι 1 See note ε. From State school report, 1905.
891 1, 2750 1, 2312 1, 2521 1, 521 1, 521 1, 521 1, 523 1, 569 1, 669 1, 669 1, 669 1, 669 1, 201 1, 201	5,647 1 f
500         500           500         500           500         500           500         500           600         1, 200           1, 200         1, 200           1, 200         1, 200           1, 200         1, 200           1, 200         1, 000           1, 200         1, 200           1, 200         1, 200           1, 350         * 750           1, 350         1, 350           1, 350         1, 350           1, 350         1, 350           1, 350         1, 300           1, 350         1, 350           758         256           758         270           758         759           758         750           758         750           758         750           758         750           758         750           758         750           758         750           759         750           750         750           750         750           750         750           750         750	1, 500     1, 1905.
9, 9, 613 9, 238 9, 238 9, 238 9, 238 9, 238 9, 549 9, 549 9, 549 9, 549 9, 200 9, 403 9, 200 9, 403 9, 200 9, 403 9, 40,	35, 865 1 City April
	6-20 l ith Bay
	115, 479 1 04. ich united w
$\begin{array}{c} 7,790\\ 7,790\\ 7,790\\ 7,750\\ 7,750\\ 16,285\\ 16,285\\ 16,285\\ 16,285\\ 16,285\\ 16,285\\ 10,058\\ 19,119\\ 10,058\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,538\\ 10,5$	102, 979   lays. ol report, 19 vy City, whi
	St. Joseph *Statistics of 1903-4. «Approximately. b Iligh school, 200 days.
258 259 250 250 250 250 250 250 250 250 250 250	297

ų.
led
n
ti
ont
ų
Ĭ
1-21
-+
36
Γ.
$t_{8}$
an
it
at
пh
00
,0
\$
De7
0
2
s
tie
ci.
и
0.
22
a
na
te
at
$p_{i}$
an
t,
m:
me
$n_{1}$
ro
en
20
00
ch
s
m
tic
la
no
to
g
of
ŝ
tic
tis
tat
0
1
6.
6J
ABLE
AE
$\mathbf{T}_{\mathbf{A}}$

Average daily at-tendanco in public  $\begin{array}{c}
 61,890 \\
 2,487 \\
 4,168 \\
 1,432 \\
 1,432
 \end{array}$  $1,428 \\ 6,187 \\ 2,057 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,891 \\ 1,89$  $\begin{array}{c}
 1,574 \\
 1,830 \\
 5,780 \\
 5,780 \\
 3,653 \\
 3,653 \\
 \end{array}$ 2,3602701,3071,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,3251,5021,5021,5021,5021,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,0191,019595 day schools. 12 of all pu-pilsin pub-Aggregate number of days' at-tendance ,820,990 447,600 738,420 257,904 $\begin{array}{c} 248,420\\ 1,132,174\\ 374,303\\ 324,360\end{array}$  $\begin{array}{c} 413,000\\ 46,170\\ 223,497\\ 227,926\\ 227,384\\ 774,306\\ 388,110\\ 388,110\\ 267,392\\ 173,230\\ 173,230\\ \end{array}$ 024 550 540 540 166, 202lic day schools. 277, 0325, 11, 017, 22, 706, 1657, 111 Ξ. days the schools Num-ber of 174 183 182 1713 actu-ally in 161 180 180 176 175 185 185 185 **S**3 WCrc session 10  $\begin{array}{c} 84,655\\ 3,180\\ 6,386\\ 2,266\end{array}$ 2,0312,2381,47318,8505,027 $\begin{array}{c}
 1,939\\
 7,698\\
 2,486\\
 2,483
 \end{array}$ 1.365 $\begin{array}{c} 2,739\\ 1,621\\ 1,621\\ 1,651\\ 1,376\\ 3,670\\ 1,220\\ 1,220\\ 1,220\end{array}$ Different pupils enrolled in public day schools. Total. ۵  $\begin{array}{c} 43,575\\ 1,673\\ 3,304\\ 1,260\end{array}$ 1,0173,9671,3181,292 $1,063 \\ 1,152 \\ 3,794 \\ 9,272 \\ 2,530 \\ 2,530 \\$  $1,456 \\ 169 \\ 815 \\ 857 \\ 707 \\ 707 \\ 1,905 \\ 959 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\ 620 \\$ Girls. 00  $\begin{array}{c}
41,080\\
1,507\\
3,082\\
1,006
\end{array}$  $\begin{array}{c} 968\\ 1,086\\ 3,679\\ 9,578\\ 2,497 \end{array}$ 1,2831,2838067946691,7651,765600 $\begin{array}{c} 922\\ 3,731\\ 1,168\\ 1,191\end{array}$ Boys. 740i-Pupilsin private and pa-rochial (largely esti-mated). 3,000631 $\begin{array}{c}
590 \\
0 \\
288 \\
175 \\
175
\end{array}$  $1.500 \\ 0 \\ 350$ 1,160 1,800 384 200 200 $125 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340 \\ 340$ schools ¢ ŝ 178,2604,280 7,776 2,800  $\begin{array}{c}
 2,986 \\
 4,216 \\
 13,868 \\
 29,330 \\
 6,743 \\
 \end{array}$  ${}^{3,162}_{p}$   ${}^{3,162}_{2,369}$   ${}^{1,779}_{p}$   ${}^{1,779}_{1,420}$   ${}^{5,200}_{1,938}$   ${}^{1,938}_{1,141}$ Children of school  $\begin{array}{c} 2,498\\ 10,923\\ 3,258\\ 3,560\end{array}$ 2,510age. 10 School 5-16 5-16 5-16 5-16 6-14 6-16 8668 6688 6688  $^{6-21}_{6-21}$  $^{6-21}_{6-21}$ 5-165-215-215-215-215-21age. 4 Popula-tion, 1904 (Census  $\begin{array}{c} 46,874\\ 46,874\\ 120,565\\ 34,971 \end{array}$ Office esti-973 811 977 281  $11,798 \\ 41,757 \\ 20,405 \\ 15,770 \\ 15,770 \\$ 11,46620,947 $\begin{array}{c} 13,417\\ 10,025\\ 8,042\\ 63,417\\ 26,193\\ 111,042\\ 9,001 \end{array}$ mate). 13,55,38 ŝ population.  $\begin{array}{c} 7,875\\7,188\\40,169\\102,555\\26,001\end{array}$ census of 1900. 575, 23815, 23123, 2679, 201 $\begin{array}{c} 9,\,453\\ 30,\,470\\ 14,\,930\\ 10,\,770\end{array}$ 8,886  $1_{5}, 632$  $\begin{array}{c} 13,207\\9,165\\8,042\\56,987\\23,898\\23,898\\10,637\\8,466\end{array}$ Total 62 Manchester Mashua Portsmouth Rochester St. Louis St. Louis Springfield Webb City Union district Penacook district, No. 20 Butte. Great Falls. Dover Keene (union district) Anaconda Beatrice Hastings. Omaha. South Omaha. Laconia Lincoln Helena MISSOURI-continued NEW HAMPSHIRE. NEBRASKA. MONTANA. city. Berlin Concord: 306 309 309 310 311 312 313 315 315 316 317 317 319 319 319 319 300 300 301 301 301  $302 \\ 303 \\ 304 \\ 305 \\ 305 \\ 305 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302 \\ 302$ 

452

											0	in all	1	Ν	0.				N	10		4.4.9.8											Т	00
	3,869	$^{4,849}_{1,569}$	1,790 9,288	3,503	9,020 666	7,810	1.856	1,933	$^{1,654}_{2,406}$	1,191	2,217	2,723	4,444	2,983	1,741	$^{2,113}_{110}$	9.558	9,279	3,693		10,651	0 Z, 041 3. 163	1,329	5, 761 45, 501	1,800	846		1, 200 1 442	4,260	1,152	2,506	1,729	1, 849 3, 987	
5	621,079	524, 200	337,740 1,755,432	662, U17	126.469	1,515,118	4, 310, 000 344, 279	351, 344	437,295	225,712	0,034,192 417,904	517, 370	839,916 9 705 500	582, 536	329, 861	286,708	509.003	1,800,126	734,907		1,906,629				o, tot, 050 336, 978	160,722	000 000	2.30, 130 -	818, 036	218, 880 920 E09	433, 682	324, 697 187, 349	353,093	High school, 183 days
-	174	196	189	189	190	$195_{2}^{1}$	190	182	d 182	191	1812	190	681 506	192	189	183	661	194	199		179	187	187	102	101	189	101	1001	193	195	193	188	192	High sch
-	5,510	2,247	12,893	$^{4,620}_{7}$	1.053	10,233	2,405	2,616	3,187	1,555	2,744	$\frac{4}{9},058$	0,025	4,165	2,125	2,988	3.517	11,508	5,252		13,175	3,910	2,060	6,845	2,468	1,097	001	1, 935	5,147	1,627	3,075	2,342 1,298	2,302 4,895	73
	2,740	1, 149	6,672	2,300	492	5,031 16,624	1,227	1,287	1,529	780	1,343	2,038	2,907	2,029	1,070	1,471	1.758	5,880	2,558		6,576	1,38/	1,069	3,448	1,250	550		511	2, 633	839	1,525	1,244	1, 143 2, 473	re
	2,770	1,098	6,221	2,320	561	5,202	1,178	1,329	1, 1658	775	1,401	2,020	3,118	2,136	1,055	1,517	1.759	5,628	2,694		6, 599	1.915	166	3, 397	1,218	547	100	050	2,514	788	1,550	1,008	1,159 2,422	State school
	150	350	1,732			2,600		100	360		1,233	1,200	1,200 6,000	860	200	000	650	3,600	1,000		4,215	1,190	* 319	513 99 176	2,000	650		1 103	1,000	558	78	479 *374	319	c From S
	5,650	2,750	0,240								5.073	6,000	18,948	5,920		000 64	5.800	25, 323	v 8,000		* 19,406	0,200 6,282	2,444	8,312	5, 878	1,800	0.070	2,0/0	3, 337	2,647	3, 436	$^{2,400}_{1,798}$	* 5, 266	nately.
	5-20	4-20	5-20			5-20	07-2		4-20		7-18	4-20	07-0	5-20	$5^{-20}$	06 1	2-12	5-21	5-18		4-18	0 22	5-18	202	5-18	5-18	()	01-0	4-15	5-18 8 0	5-18	8-14 8-15	*4-18	$^{b}Approximately$
	37,593	11,668	13,024 83,363	25, 175 60 500	12,823	65,468	13,601	12,183	16,370	12,146	23, 133	26,101	37,837	25,895	13, 352	18,468	17.005	84,180	29,082		97,801	23,508	9,938	43, 100 276 045	24, 183								14,496 26,005	
	27,838	9,668	75,935	21,506	10,596	59,364 208,432	10,896	8,872	10, 385 13, 962	11,267	20,006	24, 141	105 171	17,699	10,052	15,309	15.187	73,307	23,094		94,151	20,929	9,180	39,647	23,910								13, 136	
NEW JERSEY.	321 Atlantic City.		324 Bridgeton 325 Camden	326 East Orange 207 Elizahath c		329 Hoboken.			333 Multivulte. 334 Montclair		337 New Brunswick		339 Fassulc 240 Paterson			343 Plainfield			347 West Hoboken	NEW YORK.		349 AIIISUOTQAIII 350 Ariburn			354 Cohoes.	Cori	356 District No. 13.	35/ UOTHANG 358 Dunlirb				363   Hornellsville		4. a From State school

Aggregate number of Average days' at- daily at- tendance of all pu- pilsi pub- ic day schools.	11 12	287, 786         1, 544           287, 786         1, 544           288, 570         1, 544           199, 481         1, 661           199, 483         3, 256           724, 467         1, 661           199, 965         1, 544           618, 332         3, 754           345, 700         1, 681           1994, 965         1, 634           618, 332         3, 754           544, 256         4, 71           544, 256         4, 71           544, 556         4, 71           547, 584         2, 952           330, 116         1, 758           330, 116         1, 758           330, 116         1, 758           330, 355         247, 584           2547, 584         2, 1258           2547, 584         2, 1258           2547, 584         2, 1258           333, 754         2, 1358           1, 163, 337         1, 756           333, 754         2, 1252           333, 754         2, 1358           1, 1, 133         1, 1, 361           1, 1, 333         1, 1, 240           333, 754         1, 2, 10
Num- Ag ber of hun days the schools of were actu- nilyin allyin session.	10	1992 24 1993 24 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 26 1993 2
in lu.	6	660 660 660 660 660 660 660 660
Different pupils enrolled public day schools. Boys. Girls. Tott	æ	2, 203 2, 203
Different publ Boys.	7	$\begin{array}{c} \begin{array}{c} & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & & & & & & & \\ & & & $
Pupils in private and pa- rochial schools (largely esti- mated).	9	$\begin{array}{c} & & & 0 \\ & & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & 0 \\ & & & &$
Children of school age.	5	2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 200 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2000 2
School age.	4	44 47 47 47 47 57 57 57 57 57 57 57 57 57 5
Popula- tion, 1904 (Census Office esti- mate).	•	$\begin{array}{c} 9, 765\\ 25, 411\\ 11, 628\\ 15, 428\\ 15, 428\\ 15, 428\\ 10, 133\\ 14, 815\\ 14, 815\\ 12, 332\\ 12, 332\\ 13, 200\\ 13, 232\\ 22, 332\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 200\\ 13, 20$
Total population, census of 1900.	ર	3, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,
City.	1	NEW YORK—continued. Johnstown Kingstown Kingstown Little Falls. Lockport Model etown Mount Vernon. New burgh New Vork. New York. New York.

TABLE 6.—Statistics of population, school enrollment, and attendance in cities of over 8,000 inhabitants, 1904-5-Continued.

	$\begin{array}{c} 1,682\\ 2,086\\ 984\\ 1,900\\ 1,651\\ 1,651\\ 2,340\\ 2,340\\ 2,340\\ \end{array}$	1, 107 1, 625	1, 19, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2, 2,	
-	$\begin{array}{c} \textbf{319, 634} \\ \textbf{375, 480} \\ \textbf{375, 480} \\ \textbf{375, 480} \\ \textbf{375, 500} \\ \textbf{230, 576} \\ \textbf{290, 576} \\ \textbf{290, 576} \\ \textbf{2321, 650} \\ \textbf{a 321, 650} \\ \textbf{a 321, 650} \\ \textbf{a 321, 650} \end{array}$		$\begin{array}{c} 1,\ 427,\ 582\\ 275,\ 582\\ 275,\ 572\\ 275,\ 572\\ 275,\ 572\\ 275,\ 572\\ 275,\ 572\\ 283,\ 572\\ 283,\ 572\\ 283,\ 572\\ 283,\ 572\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\\ 283,\ 573\ 283,\ 573\ 283,\ 573\ 283,\ 573\ 283,\ 573\ 283,\ 573\ 283,\ 573\ $	
	190 185 185 176 176 175 175 175	130 130	a first second s	
	(179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (179) (1	1, 730 1, 889 1, 964	8, 200 1, 905 1, 905	
	$\begin{smallmatrix} 1, 368\\ 1, 647\\ 1, 500\\ 1, 235\\ 1, 235\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 520\\ 1,$	929 947 1,030	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	
	$\begin{smallmatrix} 1, 253\\ 1, 448\\ 1, 225\\ 1, 229\\ 1, 229\\ 1, 226\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1, 229\\ 1,$	800 942 934		
-	500 300 * 50 * * 250 * 250	200	$\begin{array}{c} 1,500\\ 1,500\\ 1175\\ 1175\\ 1175\\ 1175\\ 1175\\ 1175\\ 20,979\\ 20,979\\ 20,979\\ 20,979\\ 20,979\\ 20,979\\ 20,979\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1$	
	4, 602 57, 639 57, 029 6, 324 6, 324	3, 400 2, 980 2, 966	$ \begin{array}{c} 19, 770\\ 3, 936\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 007\\ 3, 00$	
-	6-21 6-21 6-21 6-21 6-21 6-21	6-21 6-20 6-21	6-22 (-22 (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-22) (-	
	$\begin{array}{c} 17,924\\ 21,356\\ 21,356\\ 9,715\\ 9,715\\ 14,128\\ 21,436\\ 21,436\end{array}$	11, 003 12, 512	$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	ort, 1904.
-	$\begin{array}{c} 14, 694\\ 18, 091\\ 7, 910\\ 6, 679\\ 10, 035\\ 9, 090\\ 13, 643\\ 13, 643\\ 20, 976\\ 20, 976\end{array}$	10, 008 9, 589 7, 652	42, 723 8, 974 8, 974 8, 974 8, 974 8, 974 8, 974 8, 9, 915 8, 9, 915 8, 9, 902 8, 9, 902 8, 9, 902 8, 9, 912 1, 944 1, 946 1,	e school rep
CAROLINA.		DAKOTA.		C
NORTH C.	0		0HIO Alron	a Approximately.
	$\begin{array}{c} 398\\ 398\\ 402\\ 402\\ 402\\ 403\\ 804\\ 102\\ 102\\ 102\\ 102\\ 102\\ 102\\ 102\\ 102$	406 407 408	4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 4900 49000 4900 4900 4900 4900 4900 4900 4900 4900	

TABLE 6.—Statistics of population, school enrollment, and attendance in cities of over 8,000 inhabitants, 1904–5.—Continued.

0.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000         1.000 <th< th=""><th></th><th>10</th></th<>		10
9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         1.1         9.000         9.000         9.000         9.000	1888 1888 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988 1988	$\begin{array}{c} 1,692\\ 2,1114\\ 1,005\\ 2,067\\ 9,113\\ 3,1113\\ 4,761\end{array}$
a         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b	200, 250 200, 125 200, 125 2014, 250 200, 125 2014, 250 2014, 2014, 2014 2014, 2014, 2014, 2014 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 2014, 201	324,864 395,318 395,318 372,050 372,070 372,070 372,070 372,070 372,070 372,070 800,759 800,759 800,759
a         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b         b	122 122 123 123 123 123 123 123	$\begin{bmatrix} 192\\ 187\\ 184\\ 184\\ 180\\ 200\\ a\ 181\\ a\ 181\\ school\ re\\ \end{array}$
$ \label{eq:relation} \begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	947.949.969.941.999.98 947.949.969.941.999.98 947.949.969.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98 958.98	$\begin{array}{c} 2,462\\ 2,462\\ 1,332\\ 1,861\\ 1,026\\ 3,026\\ 3,026\\ 7,074\\ 7,074\\ \end{array}$
$ \left( \begin{array}{c c c c c c c c c c c c c c c c c c c $	<b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>100</b> <b>10</b> <b>1</b>	1, 257 1, 443 1, 443 3, 439 3, 439 3, 439 8, 5Fr
a Approximately         9,000         11,201           11,201         11,201         14,200           11,201         11,201         11,201           11,201         11,201         11,201           11,201         11,201         11,201           11,201         11,201         11,201           11,201         11,201         11,201           11,201         11,201         11,201           11,203         11,203         11,203           11,203         11,102         11,203           11,203         11,103         11,103           11,203         11,103         11,103           11,203         11,143         11,163           11,203         11,123         11,234           11,203         11,123         11,234           11,21,204         11,244         11,244           11,234         11,244         11,244           11,234         11,244         11,244           11,244         11,244         11,244           11,244         11,244         11,244           11,244         11,244         11,244           11,244         11,244         11,244           11,234 <td>1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000</td> <td></td>	1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000	
a Approximately         9,000         11,201           11,201         11,201         14,200           11,201         11,201         11,201           11,201         11,201         11,201           11,201         11,201         11,201           11,201         11,201         11,201           11,201         11,201         11,201           11,201         11,201         11,201           11,203         11,203         11,203           11,203         11,102         11,203           11,203         11,103         11,103           11,203         11,103         11,103           11,203         11,143         11,163           11,203         11,123         11,234           11,203         11,123         11,234           11,21,204         11,244         11,244           11,234         11,244         11,244           11,234         11,244         11,244           11,244         11,244         11,244           11,244         11,244         11,244           11,244         11,244         11,244           11,244         11,244         11,244           11,234 <td>150         150           1,2,380         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506<!--</td--><td><math display="block">\begin{bmatrix} 1, 057\\ 300\\ 500\\ 72\\ 661\\ 1,003\\ 2,409\\ 2,409\\ rintenden \end{bmatrix}</math></td></td>	150         150           1,2,380         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506         5506           5506 </td <td><math display="block">\begin{bmatrix} 1, 057\\ 300\\ 500\\ 72\\ 661\\ 1,003\\ 2,409\\ 2,409\\ rintenden \end{bmatrix}</math></td>	$\begin{bmatrix} 1, 057\\ 300\\ 500\\ 72\\ 661\\ 1,003\\ 2,409\\ 2,409\\ rintenden \end{bmatrix}$
a Approximately         9,000         11,201           11,201         11,201         14,200           11,201         11,201         11,201           11,201         11,201         11,201           11,201         11,201         11,201           11,201         11,201         11,201           11,201         11,201         11,201           11,201         11,201         11,201           11,203         11,203         11,203           11,203         11,102         11,203           11,203         11,103         11,103           11,203         11,103         11,103           11,203         11,143         11,163           11,203         11,123         11,234           11,203         11,123         11,234           11,21,204         11,244         11,244           11,234         11,244         11,244           11,234         11,244         11,244           11,244         11,244         11,244           11,244         11,244         11,244           11,244         11,244         11,244           11,244         11,244         11,244           11,234 <td><math display="block">\begin{array}{c} \begin{array}{c} 4,219\\ 1,7,400\\ 3,570\\ 3,570\\ 3,570\\ 3,570\\ 3,570\\ 3,570\\ 3,570\\ 3,570\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,</math></td> <td>3, 773 2, 796 2, 110 2, 110 3, 141 3, 141 3, 141 3, 141 9, 348 9, 348 9, 348</td>	$\begin{array}{c} \begin{array}{c} 4,219\\ 1,7,400\\ 3,570\\ 3,570\\ 3,570\\ 3,570\\ 3,570\\ 3,570\\ 3,570\\ 3,570\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,900\\ 7,$	3, 773 2, 796 2, 110 2, 110 3, 141 3, 141 3, 141 3, 141 9, 348 9, 348 9, 348
$ \left  \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \\ \\ \\ \\ \\ \\ \end{array} \end{array} \\ \end{array} \\ \end{array} \\ \end{array} \\  \end{array} \\  \end{array}$	6-16         6-18           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28         6-28           6-28 <td>5-15 5-15 5-15 5-16 5-16 7-15 7-15 7-15</td>	5-15 5-15 5-15 5-16 5-16 7-15 7-15 7-15
a Approximately.	L 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	19, 446 17, 570 13, 570 13, 750 9, 222 25, 039 25, 039 43, 381 1 the annua
DINALISI Edol	9, 9, 036 9, 036 9, 036 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	18, 167 13, 343 8, 925 8, 925 8, 937 8, 937 8, 937 39, 231 39, 231
466         Duquesne.           466         Eastron	Duquesne. Buquesne. Easton. Easton. Easton. Harrisburg Hazteron Fromstead Fromstead Fromstead Fromstead Mahanoy City Mahanoy City Mahanoy City Mahanoy City Meadville. Noweastle. Noweastle. Noweastle. Noweastle. Noweastle. Phoenkrulle. Phoenkrulle. Phoenkrulle. Phoenkrulle. Phoenkrulle. Phoenkrulle. Phoenkrulle. Phoenkrulle. Phoenkrulle. Phoenkrulle. Phoenkrulle. Phoenkrulle. Phoenkrulle. Phoenkrulle. Phoenkrulle. Phoenkrulle. Phoenkrulle. Phoenkrulle. Phoenkrulle. Phoenkrulle. Phoenkrulle. Phoenkrulle. Phoenkrulle. Phoenkrulle. Phoenkrulle. Narren. Steatton. Steatton. Steatton. Steatton. Warren. Williansport.	RHODE ISLAND Central Falls. Cranston. Cranston. Cranston. East Providence. Newport. Pawtucket. * Statistics of 1903-4. a

.

	Average	tendance tendance day schools.	12	45	$\begin{array}{c} 22,506\\ 2,438\\ 2,613\\ 2,613\end{array}$		5,450 2,076 1,608 1,768	1, (00	1,970	3,238 1,171 2,143 4,507 8,120 10,007		1,4,2,3,7,1,1,1,8,8 1,1,8,8,1,8,8,1,1,1,1,8,4,5,8,1,1,1,1,2,2,5,1,1,2,2,5,1,1,2,2,5,1,1,2,2,2,1,2,2,1,2,2,1,2,2,1,2,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,1,2,
inued.	Aggregate number of	days ac- tendance of all pu- pils in pub- lic day schools.	11		4,219,875 468,096 522,600		1,008,250 361,224 289,440 311,224	070,110	354,600	563, 128 228, 047 385, 740 811, 191 1, 433, 641 1, 867, 325		518, 400 326, 508 319, 708 197, 825 197, 825 197, 825 197, 825 197, 825 197, 825 197, 825 197, 926 755, 551 211, 702
Cont	Num- ber of days	the schools were actu- ally in session.	10		$\frac{1874}{192}$		185 174 185	7,7	180	177 191 180 180 180 180 180 186	•	180 177 177 178 189 188 188 188 188 188 171 173 173
s, 1904-5	rolled in ools.	Total.	<b>6</b>		29, 793 3, 067 3, 637		8,695 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2980 2,2990 2,2990 2,2990 2,2990 2,2990 2,2990 2,2990 2,2990 2,2990 2,2990 2,2990 2,2990 2,2990 2,2990 2,2990 2,2990 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,2900 2,29000 2,29000 2,29000 2,29000 2,29000 2,29000 2,29000 2,29000 2,29000 2,29000 2,29000 2,29000 2,29000 2,29000 2,29000 2,290000 2,290000 2,290000000000	2,404	2,616	$\substack{\textbf{4,755}\\ \textbf{1,797}\\ \textbf{5,676}\\ \textbf{5,676}\\ \textbf{11,612}\\ \textbf{12,826} \\		3,906 2,901 2,901 385 9,829 427 575 575
thabitant	Different pupils enrolled in public day schools.	Girls.	80		$^{14, 933}_{1, 553}$		$\begin{array}{c} 4,512\\ 1,648\\ 1,268\\ 1,268\\ 1,27\\ 21\\ 21\\ 21\\ 21\\ 21\\ 21\\ 21\\ 21\\ 21\\ 21$	1,611	1,285	$\begin{array}{c} 2,574\\ 1,001\\ 1,445\\ 3,023\\ 6,774\\ 6,774\end{array}$		$\begin{array}{c} 2,006\\ 1,251\\ 1,251\\ 5,183\\ 3,074\\ 3,074\\ 3,074\\ 869\\ 1,298\\ 3,074\\ 869\\ 1,298\\ 3,074\\ 869\\ 1,298\\ 3,074\\ 1,298\\ 3,074\\ 1,298\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1,256\\ 1$
. 8,000 in	Different publi	Boys.	2		14,860 1,514 1,844		$^{4,183}_{1,282}$	5/1,1	1,331	$\begin{smallmatrix} 2, 181 \\ 796 \\ 1, 198 \\ 5, 653 \\ 5, 422 \\ 6, 052 \end{smallmatrix}$		1, 900 1, 134 919 4, 646 1, 129 1, 129 2, 713 2, 713
es of over	Pupils in private	and pa- rochial schools (largely esti- mated).	9		5,661 1,113 2,815		500	450	200	500 400 3,000 e1,000		<sup>620</sup> 300 100 500 800 500 140
ce in citi		of school age.	ro		$     \begin{array}{c}       37,613 \\       5,449 \\       7,461     \end{array}   $		$^{9,947}_{a5,500}$	a3,000	*3, 575	$\begin{array}{c} 10,208\\ 3,443\\ 7,252\\ 10,406\\ 36,911\\ *30,609 \end{array}$		a $1, 587$ $a$ $1, 899$ $a$ $1, 893$ $10, 305$ $3, 200$ $3, 714$ $5, 877$ $1, 587$
ttendan		School age.	4		5-15 5-15 5-16		6-21 6-21	02-0	6-20	6-21 6-21 6-21 6-21 6-21 6-21		8-17 7-17 8-17 8-17 8-17 8-17 8-17 8-17
ent, and a	Popula-	tion, 1904 (Census Office esti- mate).	00		$198,635\\24,773\\32,196$		56, 232 23, 988 13, 485	14, 320	12,283	$\begin{array}{c} 34, 179\\ 10, 186\\ 16, 746\\ 35, 482\\ 121, 235\\ 84, 227\\ 84, 227\end{array}$		$\begin{array}{c} 24,718\\ 51,924\\ 51,924\\ 12,2248\\ 12,2248\\ 12,2248\\ 12,028\\ 27,028\end{array}$
ol enrollm		Total population, census of 1900.	3		$^{175,597}_{21,316}$		55,807 21,108 11,860	11,399	10,266	$\begin{array}{c} 30, 154\\ 9, 431\\ 1, 431\\ 1, 4511\\ 12, 511\\ 102, 320\\ 80, 865\\ \end{array}$		$\begin{array}{c} 22, 258\\ 9, 427\\ 7, 493\\ 7, 493\\ 11, 807\\ 15, 906\\ 7, 878\\ 7, 874\end{array}$
TABLE 6.—Statistics of population, school enrollment, and attendance in cities of over 8,000 inhabitants, 1904–5–Continued		City. F	1	RHODE ISLANDcontinued.	Providence Warwick. Woonsocket	SOUTH CAROLINA.	Charleston. Columbia Greenville b		Soux Falls	TENNESSEL. Chattanooga 2 Quartsville. 3 Martsville 3 Memohis 6 Memohis	TEXAS.	Austin. Austin. Beaumort Cleburne. Corsteana. Datas. Datas. Edworth Ef Paso.
					513 514 515		516 517 518	ATO	520	521 522 523 524 525 526		527 529 531 531 532 533 531 533 533

		0111	501100.	STOTER	1.0.		TUE
$\begin{smallmatrix} 3, 159\\ 6, 423\\ 818\\ 888\\ 1, 318\\ 888\\ 2, 250\\ 6, 624\\ 1, 600\\ 1, 227\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, 978\\ 2, $	$^{3,728}_{11,393}$	$     \begin{array}{c}       1,857\\       2,117\\       1,704     \end{array} $	1,480 1,857 2,824	1,860 4,482 2,379 9,950 3,267	$\begin{array}{c} 1,942\\ 3,247\\ 2,404\\ 13,864\\ 7,944\\ 7,687\\ 1,629\end{array}$	$^{2}_{ m 41}, ^{2}_{ m 049}$ $^{ m *1}_{ m 3}, ^{2}_{ m 123}$ $^{2}_{ m 4}, ^{0}_{ m 75}$	
$\begin{array}{c} 1,138,476\\ 1,138,476\\ 162,486\\ 162,486\\ 142,005\\ 230,836\\ 300,000\\ 1,179,196\\ 213,447\\ 272,323\\ 218,447\\ 521,420\\ 521,420\\ \end{array}$	$^{652,470}_{1,993,845}$	$\begin{array}{c} 321,401\\ 361,453\\ 320,361\end{array}$		$\begin{array}{c} 338,520\\ 847,098\\ 428,220\\ 362,124\\ 1,791,000\\ 1,560,955\end{array}$	$\begin{array}{c} 356,429\\ 594,201\\ 504,201\\ 461,568\\ 1,421,563\\ 1,421,893\\ 1,483,704\\ 1,483,704\end{array}$	385,700 *302,150 562,140 774,250	und 1904.
174 176 177 177 160 175 178 178 178 178	175 175	173 177 188	197 180 185	182 189 180 180 174 174	183 192 193 193 193 193	175 *155 180 190	for 1903 <i>i</i>
<b>4</b> , 771 9, 119 1, 134 1, 134 1, 778 9, 353 9, 353 2, 557 1, 778 9, 353 1, 778 1, 778 1, 778 1, 778 1, 778 1, 778 1, 778 1, 778 1, 771	$\frac{4}{14}, 508$	2,361 2,536 1,999	$     \begin{array}{c}       1,861 \\       2,645 \\       3,544     \end{array}   $	2,568 5,458 3,059 4,5346 4,5346	$\begin{smallmatrix} 2, 479 \\ 4, 206 \\ 3, 124 \\ 18, 115 \\ 10, 8115 \\ 9, 598 \\ 2, 294 \end{smallmatrix}$	$^{3,109}_{5,310}$	ool report
$\begin{smallmatrix} & 2, & 521 \\ & 4, & 863 \\ & 618 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & 815 \\ & $	2,284 7,247	1,267 1,045	$1,013 \\ 1,428 \\ 1,941 \\ 1,941$	$\begin{array}{c} 1, 384 \\ 2, 847 \\ 1, 700 \\ 6, 553 \\ 2, 459 \\ 2, 459 \end{array}$	$\begin{array}{c} 1,267\\ 2,142\\ 1,624\\ 5,457\\ 1,142\\ 1,624\\ 1,142\\ 1,142\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,149\\ 1,$	$^{1,572}_{2,004}$	State sch 04.
$\begin{array}{c} 2,250\\ 4,256\\ 516\\ 794\\ 1,140\\ 1,080\\ 1,080\\ 2,112\\ 2,112\\ \end{array}$	2,224 7,157	1,269 954	$^{848}_{1,217}$	$1, 184 \\ 2, 611 \\ 1, 359 \\ 1, 072 \\ 5, 632 \\ 2, 075 \\ 2, 075 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1, 072 \\ 1$	$\begin{array}{c} 1,212\\ 2,064\\ 1,500\\ 8,987\\ 6,440\\ 1,145\end{array}$	$\begin{array}{c} 1,537\\ *1,260\\ 1,914\\ 2,564\end{array}$	a From biennial State school report for 1903 and 1904 e Estimate of 1904.
$\begin{array}{c} \mathfrak{a}^2,000\\ 1,000\\ *1,500\\ *1,500\\ *1,500\\ *3,014\\ 150\\ 150\\ 150\\ 150\\ 150\\ \end{array}$	300 744	1,200 901	400 *750 363	$\begin{array}{c} 326\\ 1, 371\\ 500\\ 3,000\\ 1,000\end{array}$	30 0 1,403 *367 *367	$\begin{array}{c} 100 \\ 400 \\ 300 \\ 1,720 \end{array}$	d Fro e Esti
$\begin{array}{c} {}^{*5}_{5}, 183\\ 11, 661\\ 2, 892\\ 2, 892\\ 2, 810\\ 2, 810\\ 11, 841\\ 1, 781\\ 5, 700\\ 5, 700\end{array}$	5,828 16,849	2, 391 4, 388 2, 800	4,831 5,050 6,785	$\begin{array}{c} 4, 194\\ 12, 214\\ 6, 293\\ 4, 664\\ 6, 572\\ 6, 572\end{array}$	$*2,850\\4,266\\4,145\\23,948\\11,585\\13,389\\*3,097$	$\begin{array}{c} 4, 356 \\ 4, 500 \\ 4, 884 \\ 12,009 \end{array}$	1904.
7-17 8-17 7-17 7-17 7-17 7-17 7-17 7-17	6-18 6-18	5-18 5-18 5-18	5-20 5-21 5-21	5-21 5-21 7-20 5-21 7-20 5-21	$^{*5-21}_{6-21}$	$6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ $	itendent
$\begin{array}{c} \textbf{33, 484} \\ \textbf{56, 300} \\ \textbf{56, 300} \\ \textbf{14, 484} \\ \textbf{9, 908} \\ \textbf{9, 908} \\ \textbf{61, 146} \\ \textbf{11, 038} \\ \textbf{8, 649} \\ \textbf{8, 649} \\ \textbf{23, 806} \end{array}$	17,023 58,914	$\begin{array}{c} 10, 598\\ 20, 665\\ 11, 884 \end{array}$		27, 230 58, 006 18, 427 86, 880 24, 165	e 11, 926 e 95, 803 e 48, 532 12, 719	$\begin{array}{c} 13,279\\ 12,833\\ 16,049\\ 41,058\end{array}$	, 1905. I the superir
$\begin{array}{c} 37, 789\\ 44, 633\\ 13, 429\\ 7, 855\\ 7, 855\\ 8, 297\\ 8, 297\\ 8, 297\\ 8, 297\\ 8, 2068\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 069\\ 8, 060\\ 8, 060\\ 8, 060\\ 8, 060\\ 8, 060\\ 8, 060\\ 8, 060\\ 8, 060\\ 8, 060\\ 8, 060\\ 8, 060\\ 8, 060\\ 8, 060\\ 8, 060\\ 8, 060\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, 000\\ 8, $	16, 313 53, 531	$\begin{array}{c} 8,448\\ 18,640\\ 11,499\end{array}$	$\begin{array}{c} 14,528\\16,520\\18,891\\9,715\end{array}$	$\begin{array}{c} 19, 635\\ 46, 624\\ 21, 810\\ 17, 427\\ 85, 050\\ 21, 495\\ 21, 495\end{array}$	$\begin{array}{c} 4,568\\ 11,062\\ 7,838\\ 80,671\\ 30,848\\ 37,714\\ 10,049\\ \end{array}$	$11,099 \\ 111,923 \\ 111,703 \\ 38,878 \\ 38,878 \\ 111,703 \\ 38,878 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 \\ 111,703 $	hool report ial report o
Galveston Houston Laredo Marshal Palestine San Artonio San Artonio Tylor d Tylor d		VERMONT. Barre Burlington. Rutland.			WABHINGTON. Ballard Ballingham Bervert. Seattle. Seattle. Seattle. Yaeoma. Walla Walla.	WEST VIRGINIA. Charleston Huntington Parkorsburg	* Statistics of 1903-4. b From State school report, 1905. <sup>a</sup> Approximately. <sup>c</sup> From the annual report of the superintendent, 1904.
541 541 542 543 543 543 543 543 543 543 543 543 543	546 547	548 549 550	551 552 553	555 557 558 559 559 559	561 562 563 565 565 565 565	568 570 571	

City.		Donulo			Pupils in private	Differcn publ	Different pupils enrolled in public day schools.	nrolled in tools.	Num- ber of	Aggregatc number of	Average
	Total population, census of 1900.	ropua- tion, 1904 (Census Office esti- mate).	School age.	Children of school age.	and pa- rochial schools (largely esti- mated).	Boys.	Girls.	Total.	days the schools were actu- ally in session.	days' at- tendance of all pu- pils in pub- lic day schools.	
1	2	e	4	0	9	4	80	6	10	11	12
WISCONSIN.											
Anniaton	100 E	000	_	101	-	100	. 100	0	1	0.80	
	19,000	1/, UUU		0, 161	1,0(1	1,381	1, 200	7, 781	6/T	3/1,630	
Doloit	13,0/4	14,019		4, /04	1,000	1, 583	1, 395	2,879	190	409, 682	
Delotter T. 11	10, 430	12,800		4, 670	69	1, 408	1, 544	3,002	184	406, 315	
Cuippewa Falls	8,094	9,009		3, 481	*770	729	738	1,467	180	223,044	
Eau Claire.	17,517	18, 737		6,944	300	2,170	2,167	4, 337	180	610, 308	
Fond du Lac	15,110	17,284		5.299	680	1,672	1.688	3,360	180	439, 340	
Greenbay	18,684	22,854		7, 273	1.038	1.966	1 937	3,903	200	620, 949	
Janesville	13, 185	13, 770		4, 041	200	1, 287	1, 200	9,586	160	401 080	
Kenosha	11.606	16.235		6,000	*841	,		2.140	138	360, 960	
Lacrosse	28,895	29,078		10, 102	1.982	9, 530	2, 556	5,095	199	775,849	
100	10,164	24 301		5 704	1 004	1, 770	1, 773	0.00	10	520, 206	
Manitowoo	11 706	10, 723		1000	112	1,004	1 005	0,000	000	961 214	
Marinotto	10,105	12,100		1,000	100	1,224	1, 220	2, 443		001, 014	
	T0, T89	10, 504		0,801	90e	1, 5/4	T, 010	3, 184	0/T	400, 824	
	8, 93/	9, 197		3, 450	800	874	895	1,769	176	243,888	
586 Milwaukee	285, 315	312,948		105,953	19,662	23, 271	21,942	45,213	196	6.810.608	_
_	28, 284	30, 575		9,635	1,600	2,427	2,460	4,887	199	749, 451	
588   Racine	29.102	32, 290		10,685	1,204			5,681	200	983,000	
_	20,062	24 096		9 018	\$	070-6	1 075	4 015	104	604 892	
Stevens Point	9,524	0.020		4 056	494	1 162	1 403	9,566	191	255, 620	
	31,001	36, 551		8,020	100	3 946	2,101	E 497	201	041 096	
	5 421	00,001		0, 200	000	0, 230 555	101 %	101210	101	100 JEC	_
593 Wausau	12, 354	14, 458	4-20	5, 593	208	787 1	1 897	3,614	180	450 333	9 559
				200	2	i.	100 (f	110 6	0	non (not	
594 Cheyenne.	14,087	13, 656	7-21	1,742		206	206	1,412	$169\frac{1}{2}$	184, 189	1,084

## EDUCATION REPORT, 1905.

\*Statistics of 1903-4.

.8	stris To stras ti ybuts To to the school value of pul value of pul value of purpo servol purpo	13 14		5, 457 \$15,000 5, 457 \$25,000 800 40,000 133,600	6, 200 1, 000	1,400 113,696		3, 286 305, 465	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		2, 942 274, 054 4455 400 4, 425 400 8, 216 238, 300 8, 216 238, 300 14, 199 437, 500 2, 055 300 2, 055 300 2, 055 300 2, 055 408 437, 500 438, 475 408, 475 400, 475 408, 475 400, 475 400, 475
.898	sen sgnbling school purpos this to stage	12		; ; ; ;		10		10	x 55 x		115 115 115 115 115 115 115 115 115 115
Suine	Number of eve schools.	11		00000	00	0		0	0 1 0		-000-000-0
-19bn	Number of king gartens.	10		0040	00	0		0	000		000-1200-000
	Grades in which manual training other than drawing is given.	6		None 1 to 7: None* 1 to 7	None. All	None.		First 2 years in high school.	None. None. None*		Elementary None Storio Storio All I to 4 None None None
	Grades in which drawing is given.	œ		All. 1 to 7 1 to 5 1 to 5	1 to 9.	3 to 8.	9	Elementary and 2 years in	All		All All Elementary B 1 to A i2 B 1 to A i2 All All All All All All All
Regular teachers.	.lstoT	2		126 20 20 20 20		28		11	45 94 43		84 39 39 39 39 39 39 39 273 149 149 149
llar te	.nomoW	9		$116 \\ 116 \\ 16 \\ 72 \\ 72 \\ 90 \\ 90 \\ 90 \\ 90 \\ 90 \\ 90 \\ 90 \\ 9$	334	58		58	$^{40}_{28}$		$\begin{array}{c} 79\\ 728\\ 255\\ 93\\ 777\\ 728\\ 93\\ 93\\ 93\\ 145\\ 84\\ 84\\ 84\end{array}$
Regu	.n9M	10		10 18 18 18	000	0		13	5 8 5 15 8		75505551449 2519281
gu	.lstoT	4		-9-07	5 KQ	73			4 CI		
Supervising officers.	.nsmoW	e0		00000	પાલ્ય	=		0	0110		1000000004
o Ins	.noM	62	~		00 1	1		F	01		000177071007100710
	City.	T	ALABAMA.		Selma	ARIZONA.	ARKANSAS.	Fort Smith	Hot Springs. Little Rock*. Pine Bluff.	CALIFORNIA.	Alauneda. Berkeley Berkeley Fresno. Los Angeles Los Angeles Dakland. Passichan Riverside Sterniento.
						2		\$	$\begin{smallmatrix}&9\\10\\11\end{smallmatrix}$		12 114 115 115 115 115 115 115 115 115 115

TABLE 7.--Statistics of supervising officers, teachers, property, etc., in public schools of cities of over 8,000 inhabitants, 1904-5.

## CITY SCHOOL SYSTEMS.

EDUCATION REPORT, 1905.

ning 1 for 2025. 2025. 2021 2025 2025 2025	Handrace of the second purpos	10 11 12 13 14		0         6         133          \$7,454,860           0         1         9         4,122         \$55,100           0         0         15         3,048         492,979	0 1 7 1,320 55,000		$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0         0         8         3, 618         350, 000           4         0         11         3, 825         333, 000		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0         1         8         1,000         60           1         0         4         1,550         304,783           1         1         17         5,533         304,783           Year in high         4         1         14         2,382	8 3 11 4,500 1,000,000 
	Grades in which r training other drawing is given.	6		7 to 8. 7 to 8 <i>a</i>	None		Elementary None A to 8 None	5 to 10. 5 and above		None City Normal. 4 and above None High school	None. All None. None * 7 to second y	school. 7 and above
	Grades in which drawing is given.	œ		2 to 8. All Elementary and first 2 high	school. 3 to 8		All 1 to 8 All 1 to 12	1 to 9. All			1 to 9. All 2 to 9. All All Elementary to second year	in high school.
Regular teachers.	.lstoT	-		992 107 69	34		121 100 788 41	94 104		68 254 55 71 386	24 109 36 36	134
ular te	. пэшо W	9		895 105 62	31	-	110 89 706 35	92 99		68 518 51 67 344	23 109 51 51	126
Reg	.пэМ	10		97 2 7	0		6.81E	0110 .		0 4 4 4 5 4 6 0	0231	∞ ç
Bu.	.IstoT	4		24 13 7	0		$^{11}_{5}$	12 8		$\begin{smallmatrix} 14\\4\\22\\22 \end{smallmatrix}$	6 11 6 11 7 3 4	10
Supervising officers.	.пэто W	en		10 3 3 3 0	0		6400	æ 9		00000	$10^{10}$	<b>го</b> о
o	Меп.	63		14 10	0		4 4 29 33 29	40		135-182	0-0	
	City.	1	CALIFORNIAcontinued.	San Francisco. San Jose. Stockton	Vallejo	COLORADO.	Colorado Springs Cripple Creek Denver Denver	District No. 1.	CONNECTICUT.	Ansonia Bridgeport Bristol Danbury Marthord	Town schools Town schools Ninth district. Merden . Middletown Naugstuck.	New Britain
				24 23 23	25		$^{26}_{2987}$	30 31		887338 8873 8873 8873 8873 8873 8873 88	37 39 40 39 41	49

462

TABLE 7.--- Statistics of supervising officers, teachers, property, etc., in public schools of cities of over 8,000 inhabitants, 1904-5--Continued.

				ULL L	Series	N L N L						100
450,000 $196,800$	$\begin{array}{c} 170,000\\ 65,000\\ 339,100\\ 225,000\end{array}$	1,059,521 125,000	931, 985	6,062,233	46, 871 25, 000 65, 070 45, 000	30,000 513,000	$\begin{array}{c} 183,000\\ 75,000\\ 188,500\\ 170,050\end{array}$	439, 350	175,000	208,600	262,000 126,500	
3, 315 3, 939	$^{1,\ 300}_{*\ 3,\ 978}$	$\begin{array}{c} 9,512 \\ 1,141 \end{array}$	11,080	45, 173	$\substack{6, 133\\1, 106\\*, 976\\*, 700\end{array}$	1,480 13,204	$\begin{array}{c} 4,950\\ 2,800\\ 5,657\\ 5,657\end{array}$	7,000	2,600	2, 541	$^{2,390}_{1,400}$	f Seven and 8 in white schools. ø Statistics of Glynn County.
6 16	21 21 11	30 10	29	149	$^{*}_{23216}$	7 28	11 12 12 12 12 12	12	9	6	00 00	white Ilynn C
1 2	0011	10	ಣ	Ŀ-	0000		0	0	0	0	00	nd 8 in es of G
0 9	0000	r> ∞	0	38	0000	10	3	0	0	0	0.0	ven ar tatistic
7 to 8	Elementary. 3 to 4. None.	None. None.	4 to 8.	5 to 8/	None. None. None. None.	None. Grammar and two years in	0 to 8	None.	7 and above		6 and above	
Elementary	All. 7 to 9 All. 1 to 9.	All	All	All	1 to 8. None. All. Elementary	All Grammar grades	All 1 to 8. All Felementary	None	Flementary	1 to 9	All.	e School property owned by private corporation d Includes city of Rockville. e Included in town of Windham.
91 91	39 24 106 56	235 41	262	1, 390	118 56 45	37 254	96 61 79 131	156	56	54	60	c Schoo d Inclu e Inclu
82 83	37 24 54 54	224 36	253	1, 234	109 21 51 41	$34 \\ 244$	$\frac{92}{58}^{1}$	136	50	47	57 21	ool.
en 00	50 <mark>6</mark>	11	6	156	\$ CI 10 \$	3 10	40000	20	9	2	c0 44	al Sch
24	1 15 7	36	32	38	0 0	31	116.238	I	63	ŝ	00 00	Norm
10	0040	50	30	16	-004	0 67	11 0 0 1	0	Ţ	67	10 01	ritain
60 69	11221	co	63	22		п 6	0014	H	CI	Ц	co ==	New B
New London	Vontratta district. Central district. West Chelsea district. Stamford. Torrington.		DELAWARE. Wilmington	DISTRICT OF COLUMBIA. Washington *	FLORIDA. Jaeksonville * Key West Pensaeola * Tampa.		Augusta. Brunswiek 9*. Columbus.	Savannah	IDAHO. Boise	Alton		*Statistics of 1903-4. a Sewing. b Includes training teachers from New Britain Normal School.
44 45	46 49 50 50	52 53 53	54	55	56 58 59	60 61	62 63 65 65	66	67	68	69 20	~ c Q

TABLE 7.---Statistics of supervising officers, teachers, property, etc., in public schools of cities of over 8,000 inhabitants, 1904-5--Continued.

EDUCATION REPORT, 1905.

o i l d tot b ses.	value of purpo property use school purpo	14			225,000 225,000 21 125 000		319,000	75,000 57,500	459, 485 373, 700		300,000	205.600	361, 200	550,000	300,000 *200,000	101,650 140,225	470 000	148, 161
sZnit Ils n .s.	tia to stead i ybrta tot foodos oliduq	13		3,300 $4,250$	2,222 2,055 350,335	3,684	4,500	1,000 548	6,250 5,500		1,500	2.377	3,620	6,000	$^{2,150}_{*2,550}$	1,135 1,650	2,391	1,976
tof f .s9s	Buildings used	2		11	2008 2008 2008	10	12	4.03	23 14	-	90	00	σı	22	x x	re co	1-0	n a
Suine	Number of eve schools.	11		00	005	; 0	0	00	0 5	0	0,0	0	00	0	00	00	00	000
-19bn	Number of ki gartens.	10		00	0 006	0	0	0 1	00	0	40	- C	00	00	00	00	01-	-00
	Grades in which manual training other than drawing is given.	6		None. All	High school 1 to 9 Grammar and manual	high sel	1 to 4	Elementary.	7 to 8. High school		6 to 8.	7 and above	High school	7 to 8.	High schoel.	IIigh school.	I to 4. 5 and above	Elementary
	Grades in which drawing is given.	œ		All. Elementary	1 to 9.	3 to 8 and first year high	school. All	All All	All			VII	Elementary.		All.	Elementary. Elementary	Elementary. All	1 to 12. All
chers.	.IstoT	2		65 102	5 414 5 12 4 14	E	94	24 15	127	10	35.23	58	61	125	88	27 38	97 97	9 S
Regular teachers.	.nomoW	9		55 95	5 130 130		86	$21 \\ 15$	$124 \\ 105$	10	58	52	25	121	28	35	92 92	88
Regu	.пэМ	20		10	575 375		×	~ 0	~ ~	0	ч о	9	œ c	14.	10	0 00	סי מ	40
ng	.fstoT	4			51 CO 20	4	4	c0 4	16 5	1	4-	1	rů o	া কা ৫	100 *	n 01 (	N 41	cn ₹
Supervising officers.	.nomoW	en		04,	- 01 8	r,	ŝ	00	00	1	~ C	0	00 M	- 10	- CI	21-17	11	21
o Ing	.пэМ	\$			1-8	-	1	21	16 2	0		1	C1 01	001-	*			
	City.	1	ILLINOIS-continued.	Belleville	Chicago Chicago	Danville.	Decatur	Dixon: City proper North Dixon	Elgin Elgin	District No. 74 (North Function) h	District No. 75 (South	Evanston). Freeport	Galesburg	Joliet Fourstreet	Kewanee	Lincoln	Moline	Monmouth
	_			222			12	- 62 82		83	883 84					562		

,

		10
*1, 170, 500 *1, 617, 000 482, 500 482, 500 400, 000 532, 382 532, 382 510, 000 168, 000	70, 000 855, 000 855, 000 855, 000 850, 000 850, 000 850, 000 850, 000 850, 000 173, 000 850, 000 173, 000 174, 000 174, 000 174, 000 175, 000 175, 000 175, 000 176, 00	00 97,000 01 335,000 1335,000 1335,000 1335,000 1335,000 1,755,000 0 1,755,000 0 1,755,000 0 1,755,000 0 0 1,755,000 0 0 1,755,000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
2,000 6,447 6,644 6,742 6,742 2,500 2,500	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \begin{array}{c} \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \end{array}\\ \begin{array}{c} \begin{array}{c} \end{array}\\ \begin{array}{c} \end{array}\\ \begin{array}{c} \end{array}\\ $	2, 200 5, 000 *5, 000 *7, 750 *7, 750 10, 000 10, 000 10, 000 10, 000
5000000000000000000000000000000000000	**************************************	-4 13 13 13 13 13 14 11 23 23
0000000	***************************************	t, 1903
0000000	00-18800001-100000 0001-10080	2000 111 00 - 200 00 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 200 - 2
Lower grades All Filementary 7 to 12 All All All	None None None None None Oto (to 8 High school High school High school High school High school High school High school None None None Elementary None Elementary None None School None None None None None None None None	1 to 4         -         0           0 to 7         -         -         0           2 years in high school*         0         0         0           2 wone         -         0         0         0           3 and above         0         0         0         0           8 and above         0         0         0         0           7 to 8         -         0         0         0           2 port of the County Superintendent         20         0         0
Elementary All Telementary To 12 All All All All All All All	All Mul Nune Elementary Grammar All All All All All All All All Blementary Elementary Blementary None None I to 12 Elementary All Blementary Mul Blementary None None None None None None None None	Elementary     1 to 4       All     None       All     None       All     2 years in hi       All     2 wone       All     8 and above       All     8 and above       All     None       It     7 to 8       Statisties from Biennial Report of the
1115 $1115$ $166$ $167$ $167$ $53$	8528882125555242888888888888888888888888	$\begin{array}{c} 54\\ 152\\ 152\\ 152\\ 155\\ 188\\ 188\\ 107\\ 237\\ 237\end{array}$
$\begin{array}{c} 39\\ 106\\ 106\\ 148\\ 148\\ 148\\ 47\\ 47\\ 47\\ 47\\ 47\\ 47\\ 47\\ 47\\ 47\\ 47$	22222222222222222222222222222222222222	52 98 92 146 92 165 105 225 225 ngs.
eo paga aca	84008048888614889014247648080	$\begin{array}{c c} & 2 & 52 \\ 6 & 98 \\ 6 & 146 \\ 23 & 105 \\ 23 & 105 \\ 12 & 225 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & 223 \\ 12 & $
00 00 10 10 10 10 10 10 10 10 10 10 10 1	ᅇᅝᇬᆇᇬᇟᇆᆉᅇᅇᄵᅕᆂᆿᆿᆸᄧᇥᅆᇍᆇᇮᅇᆇᆇᅜᆞᆇᇾᅆᇬ	7         1         3           7         8         15           3         14         17           6         1         7           6         1         7           1         7         7           1         7         7           1         7         7           3         24         24           3         24         27           3         24         27           a Includes 49 rented         7 rented
804000H4	0011120001400000111101000000	1 14 14 12 24 des 49
200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	18-99-99-99-91-9-00 	2 Inelu
Pekin Peoria. Quinoy Beokrord Roek Island Springfield Springfield Watkegan INDIANA.	Alexandria. Anderson. Anderson. Brazil. Columbus Elkhart Brand. Branda Port Wayne Port Wayne Port Wayne Fort Manay Pert. Manod Manod South Bend Port Haud Fort Haud	Boone Burlington Cedur Rupids Counch Bluffs Councel Bluffs Dawenport Des Moines . Capital Park Baat side West Side
$\begin{array}{c} \begin{array}{c} 97\\ 99\\ 100\\ 102\\ 103\\ 104\\ 103\\ 104\end{array}$	$\begin{array}{c} 100\\ 100\\ 100\\ 100\\ 100\\ 100\\ 100\\ 100$	$\begin{array}{c}131\\132\\133\\133\\133\\133\\133\\133\\133\\133\\$

EDUCATION REPORT, 1905.

tol be .see.	Value of purpe property use value of purpe	14			234,000 515,000 151,120 150,000	827, 335	210,000 $130,000$		161, 225 144,000 126,000	110,000 150,000	875,000 200,000	138,500 145,000	220,000	300,000
lls n .sl	i vbuls roi public schoo	13		$\begin{array}{c} 5,015\\ 2,212\\ *1,280 \end{array}$	22,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2	3, 500 6, 500	1,200 1,200		2, 430 2, 400 2, 500	1,000 2,465 2.600	9,279 2,600	3,070 2,510	3,500	6,323
tof b .s9se e3nit;	Bulding school purpo is to stasz	12		17	9 10 8 6 6 8 0	25	1-4		1-5%	01-1-	22 9	ο.c	98	15
	və to tədmuN. .sloodəs	11		0	0000	0 -	00		000	000	00	00	00	0
	Number of ki gartens.	10		0	07020	00	4 I		0010		00	00	000	0
	Grades in which manual training of her than drawing is given.	0		High school.	1 to 4 1 to 7 None None	None.	1 to 7 None		6 and above	None. None	None. 7 to 8.	None 8 A and above	All 5 and above	8 and above
	Grades in which drawing is given.	20		All All None	Elementary All Blementary Elementary	All	Elementary . Primary	-	All Blementary	1 to 8. Elementary Elementary	All	All Flementarv		Elementary
chers.	.IstoT	2		131 355 30	60 74 52	114	58 37		44 50 50	232	201 50	74 41	54	120
Regular teachers	.пэто W	9		$120 \\ 52 \\ 27 \\ 27$	52 66 49	111	56 37		44 44 49	882	173	70	48	114
Regu	.n9M	10		1.05	00 H H 00	n 20	0 13		4,03,00	51 CO KS	22 22	ক ব	98	9
gu	.IstoT	4		0000	000-100	26 a	4-			-010	ro co	- 0	1-1-12	-
Supervising officers.	.nemoW	~		100	0000	15.2	с О		010	0-1-6	1 - 0	0 -	00	101
o. O	.пэМ	63		*	00 10	12			-00		21-10		- H 63	0
	City.	I	IOWA-continued.	Fort Dodge	Keokuk Keokuk Marshaltown Muscatine Oskaloosa	Ottumwa	East Side	KANSAS.	A tchison Emporia Fort Scott	(ralena	Kansas City Lawrence	Leavenworth	Pittsburg Tomete	Wichita
				140	44944	148	150		152	155 156	158	161	162	164

TABLE 7.- Statistics of supervising officers, teachers, property, etc., in public schools of cities of over 8,000 inhabitants, 1904-5-Continued.

				101
$\begin{array}{c} 37,000\\ 225,000\\ a50,000\\ 120,000\\ 1,700,000\\ 1,700,000\end{array}$	2,000,000 2,000,000 250,000	$\begin{array}{c} 142,500\\ 8154,354\\ 350,000\\ 150,000\\ 150,000\\ 150,000\\ 150,000\\ 790,000\\ 79,000\\ 90,000\\ 90,000\end{array}$	$^{*30,000}_{3,175,998}$ $^{120,000}_{54,000}$ 100,000	125,000 *75,000 216,000 216,000 24,000,000 1,525,000 1,525,000 2,082,870 858,850 858,850
$\begin{array}{c} 1,300\\ 5,040\\ a1,000\\ 1,895\\ 6,000\\ 30,420\\ 30,420\\ 3,100\\ \end{array}$	969 33,800 1,971	$\begin{array}{c} 2,096\\ 3,050\\ 2,571\\ 2,571\\ *,1,600\\ *,1,400 \end{array}$	$^{78, 225}_{*2, 800}$ $^{22, 800}_{1, 800}$ $^{2, 800}_{2, 800}$	$ \begin{array}{c c c c c c c c c c c c c c c c c c c $
4 6 6 6 7 7 7 7 7	8 23 8	$^{+0.023}_{-0.023}$	1482	9 17 17 17 12 33 33 18 18 18 18 13 14
0 00010	0 1	000010101	177 00 00	$\operatorname{udes}_{9}^{255}$
1 1 1 2 0 0 0 0	$^{0}_{1}$	000014000	061	°110 110 111 111 111 111 111 111 111 111
All. 7 to 12. 7 and 2 borth Blementary Nome. 1 to 3 and high school. Nome.	None None All	None None None 4 to 10 6 to 11 None 8 and above None None	4 to 8 All All Mill None None	5 to 7*           None           None           None           1 to 8           1 to 8<
All. 1 to 9 1 to 12 1 to 12 All. All. All.	All. Blementary and 3 years in high school. All.	All All All All All Blementary 2 to 9 All All	7 to 11. All All 7 to 10. Primary	All All All All All All All All All All
26 24 50 129 603 603	25 794 37	$\begin{array}{c} 87\\ 87\\ 54\\ 69\\ 75\\ 75\\ 75\\ 75\\ 849\\ 8209\\ 849\\ 8209\\ 849\\ 849\\ 849\\ 849\\ 849\\ 849\\ 849\\ 84$	1,646 37 37 55	2,418 2,418 104 1149 1149 1149 1138 1138 1138 1138
$\begin{array}{c} 22\\117\\23\\23\\125\\550\\45\\45\end{array}$	24 777 32	$\begin{array}{c} 104\\104\\104\\48\\40\\46\\46\\46\\46\\46\\46\\46\\46\\46\\46\\46\\46\\46\\$	$\begin{array}{c} 1,495\\ 31\\ 31\\ 43\\ 43\end{array}$	5         1         45           3         2         31           5         1         31           3         4         5           14         5         17           13         245         2,109           4         15         189           24         24         33           24         15         189           24         24         34           215         189         2,169           24         24         34           24         24         34           33         34         333           24         24         333           25         24         34           33         333         333           7         4         134
11 53466 11	17 5	0000000000	151 8 6 12 12	1 2 4 15 15 16 2 4 4 11 6 16 4 4
1004 4 00 004 00 00	14	8864HF888	505 <u>2</u> 1	24 114 33 304 113 133 133 133 133 133 133 133 133 13
700211 500217	0 11 3	1100000200	$001^{23}_{00}$	8 JUMPONHMPH
2 [2 7 3 1 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14 00 H	000000400000	50 H 33 H	41000 2000 0
RENTUCKT. Bowling Green. Covington Covington Frankfort Iranhlort Louisville. Louisville. Newport Newport Paducaboro.	LC Baton Rot New Orlea Shreveport	Auburn. Augusta. Augusta. Bash* Bash* Bash* Bash* Portand. Waterville. Waterville.	MARYLAND, Annapolis . Baltimore . Funderland Hagerstown	Adams Amesbury Amington* Attleboro Beverly Beverly Boston Boston Brockton Chelsea * statistics of 1903-4.
$\begin{array}{c} 165\\ 166\\ 166\\ 166\\ 167\\ 167\\ 171\\ 171\\ 172\\ 173\end{array}$	174 175 175	177 178 179 181 181 182 182 183 183 183	186 187 188 188 190	$\begin{array}{c} 191 \\ 192 \\ 193 \\ 195 \\ 196 \\ 196 \\ 198 \\ 199 \\ 199 \\ 199 \\ 200 \end{array}$

TABLE 7.--Statistics of supervising officers, teachers, property, etc., in public schools of cities of over 8,000 inhabitants, 1904-5-Continued.

blic dfor ses.	Value of purpo Property use Value of pu	14	<b>\$</b> 260,000 <b>\$</b> 293,000 <b>\$</b> 293,500 <b>\$</b> 00,000 <b>\$</b> 293,500 <b>\$</b> 00,000 <b>\$</b> 000 <b>\$</b> 00,000 <b>\$</b> 000 <b>\$</b> 0000 <b>\$</b> 000 <b>\$</b> 000 <b>\$</b> 0000 <b>\$</b> 000 <b>\$</b> 000 <b></b>
lls n	seats or signal of the second	13	6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,751 6,7516
tor b ses.	szn zznibling school purpo	12	726-7223 972-98922998221282355 265599229 26559232 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 265592 2
Zujuə	Varber of ev schools.	11	* ••••••******************************
nder-	Number of ki gartens.	10	00001010000000000000000000000000000000
	Grades in which manual training other than drawing is given.	6	Nome Nome Nome Nome Nome Nome To 9 of normal practice school. Nome Nome Nome Nome Nome Nome Nome Nome
	Grades in which drawing is given.	œ	All All All Blementary All All All All All All All All All Al
chers.	.lstoT	2	812828252585525555555555555555555555555
Regular teachers	.пэтюW	9	86 88 88 88 88 88 88 88 88 88 88 88 88 8
Regu	.nsM	10	<mark>20048898985984598859858459989</mark> 010
ng	.IstoT	Ŧ	∞∞4871∞ 434284%2751∞1∞1∞124 <u>17∞6</u> 614
Supervising officers.	.nemoW	ŝ	
o Ing	.пэМ	8	ยยยฆ๛ฐ๛ нฐยฆ๛๛ฐิย๛๛๛ยาวา <mark>าพาย๛๛</mark> าย
	Gity.	1	MASSACHUSETTS-continued. Chickopee. Danvers. Danvers. Prentt. Fall River Frail River Frail River Frail River Frail Bayer Gardner Gardner Gardner Gardner Hoyve. Hoyve. Hoyve. Hoyve. Hoyve. Lowell Call Leominster a Leominster a Leominster a Leominster a Leominster a Leominster a Maden Maden Maden Maden Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor Nethor N
			82828282828282828282828282828282828282

<b>366,000</b> <b>366,000</b> <b>1,324,480</b> <b>1,324,480</b> <b>1,324,780</b> <b>2,317,841</b> <b>310,150</b> <b>370,150</b> <b>373,150</b> <b>373,150</b> <b>373,150</b> <b>374,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b> <b>181,100</b>	$\begin{array}{c} 175,000\\ 89,000\\ *250,000\\ *250,000\\ *200,000\\ 2305,500\\ 2305,500\\ 11,376,500\\ 2305,000\\ 2305,000\\ 2305,000\\ 2305,000\\ 2305,000\\ 2305,000\\ 2305,000\\ 2305,000\\ 2315,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000\\ 235,000$
$\begin{array}{c} 12,59,888\\ 11,23,2968\\ 1,300\\ 1,300\\ 2,541\\ 1,300\\ 1,300\\ 1,300\\ 2,316\\ 1,200\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ 2,3160\\ $	* 000 *
1122522254 . 12252254 . 1252254 . 1252254 . 1252254 . 1252254 . 125254 . 125554 . 1255554 . 1255554 . 1255554 . 1255554 . 12	8 6 7 19 19 19 19 19 19 19 19 19 19 19 19 19
04/04/20000101119 07/04/20000101119	000004000000000000000000000000000000000
170000000000001 17000000000000000000000	0000047604880000000000000000000000000000
None 809 809 809 809 809 809 609 609 609 809 800 800 800 800 800 800 800 800 8	None *         None *           None         None           None         All           All         All           All         None           5 and above         All           All         None           All         All           Yone         Yone           None         Yone           None         Yone           None         Yone           None         Yone           Yone         Yone           Yone         Yone           Yone         Yone           Yone         Yone           Yone         Yone           Yone         Yone           None         Yone           None         Yone           None         Yone           Stoll         Yone           None         Yone           Non
All All All All All 1 to 10 All All All All All All All All All Al	to 10. None. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null. Null.
$\begin{array}{c} \begin{array}{c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & & \\ & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & $	88858888888888888888888888888888888888
554 554 554 554 554 554 554 554 554 554	1         0         1         3         43         44         44           2         3         5         6         8         117         2         44         1           2         5         5         6         8         117         1         2         3         45         1           2         6         6         8         117         1         2         3         45         1         2         3         45         1         2         3         45         1         2         3         45         1         2         3         45         1         2         3         45         1         2         3         45         1         2         3         45         1         2         3         45         1         2         3         45         1         2         3         45         1         2         3         45         1         2         3         1         2         3         3         2         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3
882-81-58509848	
000000000000000000000000000000000000000	440 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2012 10000-2010 10000-2010 10000-2010 10000-2010 10000-2010 10000-2010 10000-2010 10000-2010 10000-2010 10000-2010 10000-2010 10000-2010 10000-2010 10000-2010 10000-2010 10000-2010 10000-2010 10000-2010 10000-2010 10000-2010 10000-2010 10000-2010 10000-2010 10000-2010 10000-2010 10000-2010 10000-20000-20000-20000 10000-20000-20000-20000-20000000000
00000000000000000000000000000000000000	Statistics of 1934
4-10-120400-01000-14	A 10 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
Revere Salem Southbridge Southbridge Springfald Taurton Waterown Webster Webster Webster Webster Wobster Wobster Wobster Wobster Wobster Wobster Wobster	Adrian
$\substack{2283}{222}$	248 251 251 251 251 251 251 251 251 251 251

# TABLE 7.--Statistics of supervising officers, teachers, property, etc., in public schools of cities of over 8,000 inhabitants, 1904-5-Continued.

blic totbs .ses.	Value of pu property use school purpo	14		1,947,990 1,947,990 127,534	$\begin{array}{c} 2,800,000\\ 101,000\\ 2,296,150\\ 265,000\\ 360,000\end{array}$	150,000 *130,000 52,500 200,000	150,000 $250,000$	300,000 3,000,000 128,000	$*1,025,000\\8,743,937\\200,000\\200,000\\150,000$
sgnit n all ls.	tis <b>10</b> stss2 i Ybuts 101 oodes eildug	13		$\begin{array}{c} 2,450\\ 11,410\\ *1,300\\ 1,750\end{array}$	$\substack{40,000\\1,400\\2,822\\2,100}$	$^{*2,650}_{*2,650}$	$^{2,140}_{2,720}$	$^{*5,335}_{1,800}$	12, 136 82, 049 3, 350 5, 290
tot b .s9s.	Buildings use	12		31 $31$ $5$	61 66 9 7 6 9 7	すてのら	00 CD	* 58.66 58.66	36 127 12 12 12 12
Zuin9	Number of evo schools.	11		0000	00000	000	00	0000	00000
-19bn	Number of ki gartens.	10		00 <sup>12</sup> 0	4 0 80 0 4	0001-	00	00520	0000
	Grades in which manual training other than drawing is given.	6		None. High school High school Sth and 2 years in high	7 and above 7 and above All 9th	None. None.	7 to 9	None. 1st high sehool. All. High school.	1 to 9. 7 and above. Nome. Nome.
	Grades in which drawing is given.	x		Elementary	All All All 1 to 10 All All	1 to 7	1 to 10	Elementary. Elementary Flementary All Elementary	1 to 9 All Elementary Elementary Elementary
ehers.	.IstoT	2		52 33 45 45	927 39 51 89	8885	47 62	31 720 36 36	2,032 68 92 37 37
Regular teachers	.nomoW	9		$^{260}_{33}$	$^{89}_{290}$	36 57 48	38 60	$     \begin{array}{c}       27 \\       97 \\       645 \\       29 \\       29     \end{array} $	$1, 820 \\ 64 \\ 84 \\ 82 \\ 84 \\ 32 \\ 32 \\ 32 \\ 32 \\ 32 \\ 32 \\ 32 \\ 3$
Regu	.n9M	10		00 <u>17</u> 00 00	27.4 3 6 2 2 4 3	°° ⊂ − °°	6 67	13 75 7	25 212 4 5 5
gu.	.lstoT	4		rs 20 cs 23	69 47 40 60 40 40 40 40 40 40 40 40 40 40 40 40 40	CT 10 CT CT	co oo	1 8 8 1 8 1	323 32 32 3
Supervising officers.	.пэто W	00		122	30 <sup>3</sup> <sup>2</sup> <sup>3</sup> <sup>2</sup>	0-	0100	$\begin{array}{c} 0\\ 17\\ 0\\ 0 \end{array}$	2000 2000 2000
Suj	.n9M	63		- <del>4</del>	$\frac{16}{11}$	0004	- 10	$^{31}_{1}$	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
	City.	I	MINNESOTA.	Brainerd Duluth Faribault Mankato	Mfmreapolis. St. Cloud. St. Paul St. Paul Stillwater. Winona.	MISSISSIPPI. Jaekson Meridian Natchez Vicksburg*	MISSOURI. Carthage Hannibal	Jefferson City. Joplin Kansas City. Moberly.	St. Justics St. Joseph. St. Louis Sedalla. Springfield Webb City
				$277 \\ 278 \\ 279 \\ 280 \\ 280 \\$	$281 \\ 282 \\ 283 \\ 283 \\ 284 \\ 285 \\ 285 \\ 285 \\ 285 \\ 285 \\ 285 \\ 285 \\ 285 \\ 285 \\ 285 \\ 285 \\ 285 \\ 285 \\ 285 \\ 285 \\ 285 \\ 285 \\ 285 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 \\ 286 $	286 287 288 289	290 291	292 293 294 295	297 298 300 301 301

	225,000 750,000 260,175 460,000	$85,000\\220,000\\525,698\\2,000,000\\528,000$	47,000	$\begin{array}{c} 415,000\\ 19,500\\ *275,000\\ 141,930\\ 105,000\\ 796,105\\ 376,433\\ 376,433\\ 120,000\\ 140,000\end{array}$		$\begin{array}{c} 557, 650\\ 557, 650\\ 300, 100\\ 1, 020\\ 755, 000\\ 7755, 000\\ 291, 400\\ 291, 400\\ 360, 000\\ 360, 000\\ 360, 000\\ 360, 000\\ 360, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ 386, 000\\ $	210,000
	$ \begin{array}{c} 1,600\\ 8,200\\ 2,900\\ 2,310\\ 2,310\\ \end{array} $	$\begin{array}{c} 2,100\\ 2,325\\ 7,000\\ 5,200\end{array}$	1,200	$\begin{array}{c} 3,011\\ 1,700\\ 1,700\\ 5,733\\ 3,200\\ *1,700\\ *1,300 \end{array}$		5, 730 5, 730 7, 4, 19, 28, 28, 28, 28, 28, 28, 28, 28, 28, 28	0,000
	$^{20}_{9}$	$\begin{smallmatrix}&&&&&\\&&&&&&\\&&&&&&&\\&&&&&&&&\\&&&&&&&&$	9	11 11 11 11 11 11 11 11 11 11		111 10 10 10 10 10 10 10 10 10	OT
	0000	06100	0	004004000		01100001100001 04100	-
	0009	$^{32}_{0}$	0	00000H440		00120 41202004402440	יב
	None. Industrial school. None. 5A to 8A	None. None. Vone. 4 to 12 None.	6 to 8	7 and above. None. None. None. None. None. None. None. None.		3 to 11 2 and above. 2 and above. None. All All None. None. None. Elementary Elementary Mone. All None. All None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None.	4 to 8
	None. All 1 to 10 All	Elementary All All All All	All	All Ann Ann Ann Ann Ann Ann Ann		All All Blementary All All All All All All All All All Al	a From State school report, 1904.
	46 184 64 55	$^{44}_{41}$ $^{41}_{193}$ $^{392}_{392}$ $^{118}_{118}$	27	90 41 85 85 85 85 85 85 85 85 85 85 85 85 85		125 174 61 174 61 113 113 155 57 57 50 105 61 255 57 50 61 255 57 50 57 50 57 50 57 50 57 50 57 50 57 50 57 50 57 50 57 50 57 50 57 50 57 50 57 50 57 50 57 50 57 50 50 50 50 50 50 50 50 50 50 50 50 50	136
	$^{44}_{61}$	42 39 378 378 114	25	82 7 46 37 32 85 85 33 33		$\begin{smallmatrix} 120\\ 58\\ 58\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 52\\ 56\\ 56\\ 56\\ 56\\ 56\\ 56\\ 56\\ 56\\ 56\\ 56$	132    3-4.
	0,720,00	000174	5	8日本本であった本 100万本		108800000140800001 014000	4
	16 23 16 23	co co 4 0 ∞	5	01 01 00 m H 4 © 10 m		108-010-054-000 08-14	* Statistics of 1903-4.
	11 11 11 11 10	371 6 6	1			0011 013350005300250	+St
hamon	01014	ro co co 🕂 co	1			88891296412975 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19719 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 19718 197	0
MONTANA.	Anaconda. Butte. Great Falls. Helena.	NEBRASKA. Beatrice Hastingss Lincoln Omaha South Omaha.	NEW HAMPSHIRE. Berlin	Concort Union district. Penacook district No. 20. Dover Keene (Union district) Laconit Manchester Nashua. Portsmouth	NEW JERSEY.		
	$302 \\ 304 \\ 305 \\ 305 \\ 305 $	306 308 308 309 309 310	311	$\begin{array}{c} 312\\ 313\\ 314\\ 315\\ 315\\ 316\\ 316\\ 318\\ 318\\ 319\\ 320\\ 320\\ \end{array}$		321 322 322 322 322 322 322 322 322 322	339

ġ.
-
č
ž
a
ti.
mtinue
0
4
10
, ľ
2
8
H
S
2
ta
εt
$q_{\chi}$
$nl_{b}$
:2
0
ð.
,00
ŝ
-
0
2
0
S.
S
· 2
1
. 0
5
ls-
0
୍ୟ
5
Ś
. e
Ŀ!
0
п
~
u.
5
~
ೆ
St
Ĩ.
Ś
1
Q.
9
ro
Ξ.
9
ŝ
2.5
ž
~
eac
teac
, te
rs, teau
s, te
icers, te
ers, te
icers, te
g officers, te
g officers, te
1 officers, te
ising officers, te
ising officers, te
crvising officers, te
ising officers, te
crvising officers, te
crvising officers, te
crvising officers, te
crvising officers, te
crvising officers, te
tics of supervising officers, te
crvising officers, te
tistics of supervising officers, te
tatistics of supervising officers, te
Statistics of supervising officers, te
Statistics of supervising officers, te
tatistics of supervising officers, te
7Statistics of supervising officers, te
7Statistics of supervising officers, te
E 7Statistics of supervising officers, te
E 7Statistics of supervising officers, te
ABLE 7.—Statistics of supervising officers, te
ABLE 7.—Statistics of supervising officers, te
ABLE 7.—Statistics of supervising officers, te

3			EDC	.0111				01	• - •	201										
b l i c tot be sees.	Value of purpe su Varoperty us us volupurpe	14		\$950,000 255,000 110,000	245,000 100,000	230,000 846,119 850,000	200,000	000 000 1	1, 289, 000 277, 940	293, 944	4,8,491 4,394,402	110,558	100,000	82,100 500,000	605, 700	100,000	155, 850 158, 950	258,000	397,765 149–185	367, 904
szaitt Ila all Ils.	is to str92 i ybuts to1 ood92 Silduq	13		15,693 3,741 1,045	3,000	3,340	4, 300		3,500	1,700	66,075	2,500	1,415	1,400 3,265	5,906	*1,579	3, 570 2, 094	2,500	4,000 9 4F0	4,164
tot b ses.	er sgriblinfl oqruq loodes	12		31-0	n 00 c	o 4,63,	ົ		N 9 1	4 1- 1	94 94	10	2	≪ <sup>1</sup> ≫	12	0 KO	10	41-	21	10
Zujuə.	Va to tsdmuN schools.	11		NO 11	-00	0050	Þ		00	о н ·	- ∷	-	0	00	(	)	00	00	00	0
-19bni	Number of ki gartens.	10		18	2000	، <u>ت</u> ه م	с С		22	00	22 23 23 23	4	0	- 0	0.	4	t- ₹	0 01	o c	10
	Grades in which manual training of her than drawing is given.	6		7 and above	None.	Grammar and high school None	None		High school.	1 to 8.	9 to 12. All	None*	None	None None	None	None	Ncne 1 to 8 *.	6 to 8	All	High school *
	Grades in which drawing is given.	8		All 2 and above	2 to 10 All	All All All	All		$\frac{\Lambda II}{1 \text{ to } 9}$	All. 3 to 8.	All All	All	1 to 8	All All	1 to 8.	All	Elementary. All	All		1  to  8
chers.	.IstoT			395 80	87.48 87.48	50 CS	33		291 77	40	224	65	27	30	148	54	62 20	63	120	92 92
Regular teachers	Women.	9		386 73	- 43 17	$^{22}_{22}$	- 62		282 66	104 40	210	63	27	30	145	51	77 58	29	115	87
Regu	.nəM	5		01-1	ာက	4 4 L-	-34		100	90	14	101	0	0 0	0 00	ಾ	21	ର ଜ	200	° 10
ы вц.	.IstoT	4	l.	1.25	01-0	n o g	10		27 6	0 Q	:° []	e 0	00	00 C	12	\$1 \$	-1-	50 V	4.	13
Supervising officers.	.пэтю W	3		с о о	- 4	181	œ		6 r?	°° 50	1.36		61	61 -	-11-		09	010	0	001
Suj	.noM	2		$\frac{22}{1}$	co		61		2 eo				1	1	- 00					- =
-	. City.	1	NEW JERSEY-continued.		urg	Rahway Town of Union Trenton		NEW YORK.	Albany	Auburn. Batavia	on		Corning: District No. 9.			Geneva.	Gloversville Hornellsville	Hudson		Jonnstown. Kingston.
1				340 341	342 343	344 345 346 346	347		348 349	350	352	354	355	3570	339	360	362 362	364 365	366	368

			•	
$\begin{array}{c} 166,\ 200\\ 212,\ 000\\ 530,\ 100\\ 266,\ 100\\ 253,\ 377\\ 469,\ 847\\ 81,\ 469,\ 847\\ 844,\ 956\\ 173,\ 850\\ 173,\ 850\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\ 173,\ 450\$	$\begin{array}{c} 68, 550\\ 68, 550\\ 127, 726\\ 106, 542\\ 206, 542\\ 2284, 325\\ 2234, 325\\ 2234, 325\\ 2234, 325\\ 2234, 325\\ 2234, 325\\ 2232, 3050\\ 630, 000\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 252\\ 2232, 2522\\ 2232, 252\\$	$\begin{array}{c} 825,000\\ 675,093\\ 490,000\\ 120,500\\ 80,249\\ 1,354,870\\ 1,354,870\end{array}$	$\begin{array}{c} 100,000\\ 107,000\\ 115,000\\ 75,000\\ (115,000\\ (118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118,000\\ 1118$	225,000 150,000
$\begin{array}{c} \begin{array}{c} 2, 400\\ 1, 350\\ 1, 954\\ 4, 000\\ 1, 954\\ 4, 000\\ 3, 985\\ 3, 985\\ 3, 985\\ 3, 985\\ 3, 985\\ 4, 829\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1, 987\\ 1,$	$\begin{array}{c} 1,138\\ 1,138\\ 870\\ 2,092\\ 2,092\\ 3,593\\ 2,397\\ 2,397\\ 2,500\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21,369\\ 21$	$\begin{array}{c} 8,584\\ 9,753\\ 4,500\\ 1,831\\ 1,700\\ 9,975\end{array}$	$\begin{smallmatrix} 2,350\\2,768\\1,200\\2,2000\\2,000\\800\\1,450\end{smallmatrix}$	*2,000
$\begin{array}{c} 10 \\ 10 \\ 547 \\ 11 \\ 11 \\ 6 \\ 6 \\ 15 \\ 15 \\ 15 \\ 15 \\$	3975 0 8 8 1 8 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	$^{25}_{6}$	r0000r0 104	7 *3 303-4.
0000101400000	0 0000044	000 CH0	00 0 00	0 0 0 19
00001-1004000	2.8555522.2	815年 85年 1911 1911 1911 1911 1911 1911 1911 19	000070	0 0 001 rel
None 1 to 4 1 to 7 1 to 6 1 to 6 8 to 1 5 to 8 6 and above 1 to 4 5 to 8 5 and above 1 to 4 5 fo 8 5 fo 8 5 fo 8 5 fo 8 1 fo 8 6 and above	None. None. None. None. None. I to 8*. None. None. None. None. None. None. None. None.	None	1 to 9. None. 7 to 10. None. None.	8 and first year in high 0 0 7 school. 0 0 0 8 Nonc
All 1 Mu 1 Mu All 1 Mu 1 Mu 1 Mu 1 Mu 1 Mu 1 Mu Mu Mu Mu	All. 1 All. 1 to 9 1 to 9 1 to 8 All. All. All. All. All. All.	All All Elementary and first year in high school. All All.	1 to 7 Mule Nolle 1 to 10 Note None None	56 All 49 All a Real estate only.
$\begin{array}{c} 65\\ 53\\ 53\\ 53\\ 53\\ 53\\ 53\\ 53\\ 113\\ 113\\$	$^{20}_{20}$	253 118 49 245 245	244 224 232 232 232 24 24 24 24 24 24 24 24 24 24 24 24 24	56 49 a Real c
$\begin{array}{c} 61 \\ 61 \\ 61 \\ 61 \\ 61 \\ 62 \\ 63 \\ 64 \\ 61 \\ 61 \\ 64 \\ 65 \\ 69 \\ 65 \\ 69 \\ 67 \\ 67 \\ 67 \\ 67 \\ 67 \\ 67 \\ 67$	$\begin{array}{c} 27\\ 27\\ 592\\ 532\\ 532\\ 532\\ 532\\ 532\\ 532\\ 532\\ 53$	$215 \\ 239 \\ 117 \\ 48 \\ 37 \\ 231 \\ 231$	828229292888 88828999888 888289998888	52 45
4222222 20002244054 20022222	2472337410 2472337410	1400 - 140 1400 - 140 1400 - 140	10000 0 1 - 4 4 00 F	4 4
100000011440 1440 1440 1440 1440 1440 1	- 1 011 0 1 0 0 1 0 1 0 1 0 1 0 1 0 1 0	$110^{13}$	10010000000000	1× =
0100288500000	39602 <sup>2812</sup> 020 0	సంభ సబల	00000000000	4. 0
	* <u>5</u> -0*5	00 10 H 10 01 00	ดคดดดีดอออ	1 1 111903-
		Troy. Utea. Watertown. Watervliet. Winte Plains. Yonkers	Asheville Charlotte Concord Concord Durham Greensboro Newbern Newbern Winnigton Winnston*	407 Rargo
$\begin{array}{c} 369\\ 370\\ 371\\ 371\\ 372\\ 375\\ 375\\ 376\\ 377\\ 376\\ 377\\ 376\\ 377\\ 377\\ 377$	$\begin{array}{c} \begin{array}{c} 0.01\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ $	392 394 395 395 397 397	$398\\399\\401\\402\\402\\403\\405\\405\\405$	407 408

TABLE 7.--Statistics of supervising officers, teachers, property, etc., in public schools of cities of over 8,000 inhabitants, 1904-5-Continued.

City         Supervising Supervising All and training All and trainin All and train and train and trainin All and train and training All and tra					
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	blic blic ses.	Value of purpc Property use school purpc	14	81,000,00 161,000 161,000 161,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 100,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 110,000 1	352,000 200,000 311,500 *316,400 550,000
Supervising Christient Supervising         Supervising Intervising         Regular teachers           City.         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1         1	sgnit. n all la.	tis to stead 1 Ybuts tof 00dis silduq	13	11,000 2,0580 2,0680 7,900 7,900 7,900 7,900 45,437 14,500 45,437 14,500 4,124 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,000 5,0000 5,0000 5,0000 5,0000 5,0000 5,0000 5,000000 5,00000 5,00000000	$\begin{array}{c} 4,039\\ 2,100\\ 3,974\\ 7,764\\ 7,764\end{array}$
Supervising Curversing         Regnant teachers           City.         City.           City.         City.         City.           City.         City.         City.         City.           City.         City.         City.         City.         City.           City.         City.         City.         City.         City.         City.           City.         City.         City.         City.         City.         City.           City.         City.         City.         City.         City.         City.         City.           City.         City.         City.         City.         City. <thcity.< th=""></thcity.<>	d for ses.	Buildings use school purpo	12	8-801001028888 28870000000	14 8 17 8 17
City.         Supervising officers.         Regular teachers.           Afreen.         Afreen.         Afreen.           Afreen.         1         3         Women.           Afreen.         1         3         Women.           Afreen.         1         3         Women.           Afreen.         1         3         Monon.           Afreen.         1         1         1         1         1           Afreen.         1         1         1         1         1         1           Afreen.         1         1         1         1         1         1         1           Afreen.         1         1         1         1         1         1         1         1         1           Afreen.         1         1         1         1         1         1         1         1         1           Afreen.         1         1 <t< td=""><td>Zuins</td><td>Vumber of ev schools.</td><td>11</td><td>400000 2400 00 000000 000</td><td>00000</td></t<>	Zuins	Vumber of ev schools.	11	400000 2400 00 000000 000	00000
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	-19bn		10		00001
City.         Supervising Supervising         Regular teachers.           I         Nem.         Nem.         Nem.           Nem.         Nem.         Nem.         Nem.           Nem.         Nem.         Nem.         Nem.           Nem.         Nem.<		which n other is given.	6	None None None Tour Tour Tour None None None None None None None None	7 to 8 None None None None
City.         Supervising         Supervising           0fficers.         1         2         3         Women.           1         1         2         3         Women.         Regular teacher           1         1         2         3         Women.         Regular teacher           1         1         2         3         Women.         Regular teacher           1         1         2         3         Women.         3         4         5         Men.           1         0         1         2         3         3         4         5         Men.         4           1         0         1         2         3         3         4         4         5         4         1         3         5         4         4         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5         5 <td< td=""><td></td><td>Grades in which drawing is given.</td><td>æ</td><td>All All All All All None. None. Blementary Blementary All Slementary All All All All All All All All All Al</td><td>1 to 9. All. Elementary All.</td></td<>		Grades in which drawing is given.	æ	All All All All All None. None. Blementary Blementary All Slementary All All All All All All All All All Al	1 to 9. All. Elementary All.
City.         City.           I         I         Women.           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I <td>achers.</td> <td>.ІвтоТ</td> <td>2</td> <td>1 95 85 85 85 85 85 85 85 85 85 85 85 85 85</td> <td>90 58 77 75 165</td>	achers.	.ІвтоТ	2	1 95 85 85 85 85 85 85 85 85 85 85 85 85 85	90 58 77 75 165
City.         City.           I         I         Women.           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I         I           I         I <td>ılar te</td> <td>.пэто W</td> <td>9</td> <td><math display="block">\begin{smallmatrix} 138\\ 38\\ 38\\ 38\\ 38\\ 38\\ 38\\ 38\\ 38\\ 38\\ </math></td> <td>86 52 76 143</td>	ılar te	.пэто W	9	$\begin{smallmatrix} 138\\ 38\\ 38\\ 38\\ 38\\ 38\\ 38\\ 38\\ 38\\ 38\\ $	86 52 76 143
City.     Men.       I     I     Women.       I     N     Women.       I     N     Women.       I     N     Women.       Image: Supervising supervising of the state of the st	Regi	Men.	10		22.4 I 6.4
City. Name on the control of the city of the cit	su.	.IstoT	4	0,0,1,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0	6404 <u>6</u>
City. Name on the control of the city of the cit	pervis	.nəmoW	es	00000 0000 00000 000000 00000000000000	00-00
City. City. City. City. Altron. Altanee. Ashtabula.* Ashtabula.* Ashtabula.* Ashtabula.* Canton. Canton. Canton. Canton. Canton. Canton. Dayton. Dayton. East Liverpool. Findua. Columbus. Dayton. Dayton. Lancaster. Lorantion. Marsilon. Massilon. Newark. Sendusty. Sendusty.	su	.пэМ	63	987778 8678 78	0-00-00
		City.	I	онно. * pool	Newark. Piqua. Portsmouth. Sandusky Springfield
				4400 44400 44400 44400 4400 4400 4400	434 435 435 437 437 437

EDUCATION REPORT, 1905.

•				
$\begin{array}{c} 150,000\\ 1,647,747\\ 235,000\\ 75,000\\ 186,200\\ 800,000\\ 800,000\end{array}$	450,000	*1, 383, 798	$\begin{array}{c} 3,068,519\\ 819,352\\ 658,000\\ 135,000\\ 475,000\\ 200,000\end{array}$	143, 500 114, 500 111, 500 700, 000 700, 000 111, 500 1175, 000 833, 930 834, 839 370, 000 370, 000 370, 000 370, 000 445, 664 356, 000 356, 000
$\begin{array}{c} \begin{array}{c} 1, 600\\ 23, 585\\ 1, 800\\ 1, 800\\ 8, 125\\ 4, 000\end{array}$	4,000	$^{*1}, 445$ 16, 200	20,000 6,800 7,910 2,500 3,100	5 5 5 5 5 5 5 5 5 5 5 5 5 5
19 19 19 19 19	œ	30 <sup>6</sup>	31 17 8 8 8	10 10 10 10 10 10 10 10 10 10
000*100	0	0 00	****	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
011 \$0 35 0	ŝ	00	804000	e scho
None 1 to 8 1 to 4 None None. High school	High school.	None. 5 to 9.	All. None. None. Sand above 7 to 8 elementary; 1 to 2	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
1 to 9 1 to 8 1 to 8 1 to 8 All 1 to 8 1 to 8 First 10.	Elcmentary	All.	All Belementary All 1 to 8 1 to 8	59         1 to 9           37         All           37         None.           38         None.           39         None.           44         Elementary           38         None.           39         None.           31         None.           32         None.           33         None.           34         Elementary           10         None.           30         None.           31         Bonelary           32         All           33         All           33         All           34         Elementary           35         All           36         All           37         Elementary           38         All           36         All           37         Elementary           36         All           37         Elementary           38         All           37         All           36         And alove.           37         Sud alove.
$ \begin{array}{c}     35 \\     49 \\     40 \\     47 \\     188 \\     99 \\     99 \end{array} $	106	32 338	446 171 50 51 66	58 37 37 37 37 37 37 37 37 37 37
$\begin{array}{c} 33\\ 454\\ 43\\ 35\\ 35\\ 35\\ 93\\ 93\\ 93\\ \end{array}$	96	28 322	$\begin{array}{c} 401\\ 111\\ 148\\ 47\\ 49\\ 58\end{array}$	255 255 255 255 255 255 255 255
00493930	10	$\frac{4}{16}$	8 12 23 28 21 8 12 23 28 21 8 12 12 12 12 12 12 12 12 12 12 12 12 12	1 10 10 10 10 10 10 10 10 10 10 10 10 10
29 11 19 4	ŝ	$^{1}_{22}$	50°001	101141500000000000000000000000000000000
190061	2	0 × 0	400000	000000000000000000000000000000000000000
30111152 30111152	1	$^{1}_{17}$	22	011903-4 10110-155-14 011903-4 011903-4
Tiffin Toledo Warren. Wollston Xenia. Zoungstown. Zanesville*	окганома. Guthrie Oklahoma City	oregon. Astoria Portland. Pernsytvania.	Allegheny Allentown Alteona Beaver Falls Braddock Bradford	Butler. Butler. Carbisde Carbisde Chester Chester Columbia Dubois Dubois Dubois Dudousea Easton Frie. Itarrisburg Frie. Itarrisburg Timestead Johnstown Laneaster Maharny City Maharny City Maharny City Mexeste Norristown Neweste Neweste Neweste Neweste Neweste Neweste Neweste
$\begin{array}{r} 440\\ 444\\ 444\\ 444\\ 444\\ 444\\ 446\\ 446\\$	447 448	449 450	451 452 453 455 455 455	<b>457</b> <b>457</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4650</b> <b>4670</b> <b>4670</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>4770</b> <b>470</b>

ed,
10
ы
:5
n l
-0
<b>Y</b>
٦°
+
6
1
1:
23
Ĕ.
thab
40
2
~
00
Ő,
8
2
20
0
S
s
. 3
it
.0
5
~
10
õ
e'
ŝ
$\mathbf{s}$
19
×
a,
æ
·~
÷
÷
~
3
P.L
à
0
d
hers
2
2
8
5
s,
0
Ĩ,C
0.
2
ng
sin
vis
37
þ
n
S
0
\$
ic.
st
ti
ta
St
1-
BLE
BI
A.
E

blic tot bg .sesc	Value of purpe property use school purpe	14		000 101 100	\$14,707,200 90.000	5,000,000		100,000	200,112	1,216,550	2,011,740	300,000	250,000	165,000	205,000	100,000	115, 667	277, 650	463,000	160,000	595,000	320,000	395,000	811 823		004 000	200.000	91,200	180,000 $35,000$
sgnitt Ils n Is.	is to stass i ybuts tot oodes eildug	13		2,500	1 500	53,000	3,000	2,500	2, 94/	14,000	*17,500	3,650	2,375	3, 786	2,240	2002 6	1,800	2,000	3,200	1,405	10, 182	2,800	6,250	6,500		000 0	2, 320	1,607	2,500
d for ses.	su sgnibliufl oqruq loodos	12		II ooo	629 A	88	10	eo g	32	47	65*	00	00	10	0 0	00	0 <b>1</b> 0	9	8	41	20	4	15	20		¢	95	17	12
Zujuə.	Vumber of ev schools.	5		1	41	*4		မှင	>	11	0	00	0	00 0	00	00	0	0		0	л Ц	∍	-	0		•	40	o 10	-0
-19bri	Number of ki gartens.	10			2 <del>1</del> ⊂	35		00	>	0	21	0	0	0 0	0		ক	0	0	0	00 0	5	0	0		¢	⊃ ₹	0	00
	Grades in which manual training other than drawing is given.	6		0 1 2	3 U0 8. None	5 to 8.		None*	IN OILIE	None	None	None	None*	None	None	None	3 to 7	5 and above.	None	All	High school.	Nonc	None.	None		.,	None	None	None* None*
	Grades in which drawing is given.	œ			All	All		None*	High senool	ЛІ	A11	Elementary	1 to 9.	All	All	All		High school	None	All	All	Elementary and 2 years in high school	1 to 9	All			All Flomenterur	Elementary	$\frac{\Lambda \Pi}{1 \text{ to } 9}$
chers.	.IstoT			62	3,806	1, 140	41	40	12	334	373	72	44	99	្លូទ	47 2				41	133	64	120	148			26	40	34
Regular tcachers	.nomoW	9			nî.	1,110																	66	119			54	32	31 58
Regu	.пэМ	20		S	202 202	30	сı	ιņ ;	1,	- 6	36	ខ្ម	-	I-	2;	9	দ	9	0	1	8	~~	21	29			21 0	0 00	10 00
80	.IstoT	4		-	196	57	-	C1 -		- 9	, čí	9 C1	4	ŝ	210	n c	-ı		10	-	ero 1	9	5	က		4	n c	1-1	-0
Supervising officers.	.пэтоW	60		0	122	28	0	0	00	c	1.0	1-	-	01	- 0	N -	- 0	0	9	0	сı .	4	П	-			210	10	01
o Ing	.n9M	63		-	- 13	34	Ţ	01,			1		က	-	<b></b> ( ,	-, -			4			c1	T	0		,	- 0		
	City.	I	PENNSYLVANIA-continued.	Oil City a	Philadelphia	Pittsburg.	Pittston a.	Plymouth	Pottstown	Fottsville Beading	Seranton	Shamokin	Sharon	Shenandoah	South Bethlehem	Stectton	Titnsville	Warren	Washington	Westchester.	Wilkesbarre	Wilkinsburg	Williamsport	York	RHODE ISLAND.		Central Falls.	Cumberland	East Providence. Lincoln
			1	482	4 <u>8</u> 3	404 485	486	487	488 888 899	489	-		493	494	495	496	408	499	500	501	502	503	504	505			506	208	510

ø

EDUCATION REPORT, 1905.

		0.	iii sono	oli profilito.	T
$\begin{array}{c} 398, 938\\ 854, 300\\ 2, 778, 449\\ 175, 000\\ 380, 000\end{array}$	$\begin{array}{c} 231, 181\\ 53, 500\\ 54, 000\\ 74, 000\end{array}$	325,000	<pre>&gt; 464, 109 22, 500 80, 200 8177, 400 635, 954 565, 000</pre>	$\begin{array}{c} 207,915\\ 155,800\\ 611,155\\ 611,155\\ 611,155\\ 611,155\\ 611,155\\ 611,155\\ 600\\ 815,800\\ 835,000\\ 835,000\\ 835,000\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ 735,800\\ $	284,900 1, 284, 049
$ \begin{array}{c} 3,758\\ 6,615\\ 4,000\\ 4,000\\ 4,244\\ \end{array} $	$\begin{array}{c} 7,527\\ 2,275\\ 2,100\\ \end{array}$	2, 531	$^{*}_{4,262}^{*}_{3,000}^{*}_{3,000}^{*}_{3,000}^{*}_{4,450}^{*}_{11,156}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10,461}^{*}_{10$	8,000,000,000,000,000,000,000,000,000,0	<sup>4</sup> , 400 14, 426 and 1904.
15     12     28     25     21     21     22     21     21     21     21     21     21     21     21     21     3	21 - 7.6	10	8 C 7 4 8 C 1 8 C 1 8 C 1 8 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C 1 9 C	Li e ci 7 - 1 - 2 e s ci 1 - 2 e s e e e e e e e e e e e e e e e e e	16 26 11903
69 477 44	00 0	0	000077	000000000000000000000000000000000000000	1 0 port fo
*200 *200	00 0	61	000000	000000000000000000000000000000000000000	4 1 1001 re
4 to 12 None Migh school. None 7 to 9	Elementary Elementary 8 to 9.	All.	None. None. Al to 8 None. 1 to 9	7 to 10 7 to 10 1 to 4 1 to 4 1 to 4 1 to 4 8 to 11 None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. None. No. No. No. No. No. No. No. No	None.         4         1         16         16         16         16         16         16         17         16         17         10         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26         26
Kindergarten to 12. All All All	All All 1 to 8.	All	Elementary All 1 to 7 None 1 to 11 1 to 11	$ \begin{array}{c} 1 \ to \ 7 \\ All \ 0 \ 7 \\ All \ 0 \ 7 \\ 1 \ to \ 7 \\ 1 \ to \ 7 \\ 1 \ to \ 8 \\ 1 \ to \ 7 \\ 1 \ to \ 8 \\ 1 \ to \ 7 \\ 1 \ to \ 8 \ to \ 8 \\ 1 \ to \ 8 \$	86 106 All
96 177 700 103	108 47 38 38	69	$^{232}_{232}$	8884884 1012200220022001 1022200220022000 10222002200	106 331 State se
84 173 643 69 99	35     35     35     36     36     36     36     36     36     36     36     36     36     36     36     36     36     36     36     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37     37	59	$^{50}_{236}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236}_{238}^{236$	$^{+1}_{-1}$	86 310 From
12 57 4 8 8 8 8	00 1- 44 00	ī	32711 <sub>4</sub> 8 5	14 11 16 11 14 16 17 17 17 17 10 10 10 10 10 10 10 10 10 10 10 10 10	20 21
<u>1∞51-</u> 0	20-0	6	11 15 29 11 15 29	<sup>4</sup>	30
10000	9101	9	000000	000000000000000000000000000000000000000	-110
19610	9111	c0	0079410 101		23 8
Newport Pawtucket Providence Warwick Woonsocket	SOUTH CAROLINA. Charleston Columbia. Greenville a. Spartanburg	Sioux Falls	Chattanooga. Clarksville. Jackson. Knorville. Memphis. Nashville.	TEXAS. Auscin Beaumout. Cleburne. Cleburne. Consteana. Denison Benison Balrason. Balrason Galnesville. Galnesville. Galnesville. Galnesville. Galnesville. Galnesville. Galnesville. San Antonio. San Antonio. San Antonio. San Antonio. Tyler <sup>b</sup> .	Ogden Salt Lake ( *St
511 512 513 513 513 514 515	912 218 218 219 219 219 219 219 219 219 219 219 219	075 	521 523 525 525 525 525	<b>527</b> <b>527</b> <b>528</b> <b>528</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>529</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>539</b> <b>5</b> <b>55</b> <b>55</b> <b>5555555555555</b>	546 547

•

## CITY SCHOOL SYSTEMS.

TABLE 7.--Statistics of supervising officers, teachers, property, etc., in public schools of cities of over 8,000 inhabitants, 1904-5-Continued.

0				EDUCATIO	IN REP	ORT, 1905.	•	
	o I i c d for ses.	Value of purpo Property use Value of purpo	14	\$181,900 407,700 59,006	$\begin{array}{c} 40,000\\ 49,000\\ 130,000\end{array}$	$\begin{array}{c} 125,000\\ 450,000\\ 75,000\\ 47,000\\ 579,000\\ 150,000\end{array}$	$\begin{array}{c} 165,320\\ *157,100\\ 270,712\\ 1,900,061\\ 1,200,061\\ 1,200,226\\ 1,104,216\\ 344,400 \end{array}$	237,041 212,000 400,000 <b>5</b> 94,570
	sznit n all s.	tie to stesz ti ybuts tot loodes eildug	13	2,000 3,600 2,200	$1,550 \\ 2,500 \\ 3,000$	$^{+120}_{+120}$	$\substack{\begin{array}{c}2,400\\1,2,700\\8,850\\8,820\\2,240\end{array}}$	$ \begin{array}{c} 3,109\\2,115\\6,365 \end{array} $
	l for ses.	Buildings used	12	9 8 E	10 10 0	16 19 19 19	522250 <b>11</b> 8	12888
	znine	Number of eve schools.	11	080	000	040000	000-000	0000
	-19bn	Number of ki. gartens.	10	094	000	0.00000	00000	00-0
		Grades in which manual training other than drawing is given.	6	None. None. None.	None None 6 to 7	All 1 to 7 Primary None - None - None -	5 to 10. None 5 to 8. 7 to 8. All Elementary.	None. None None
		Grades in which drawing is given.	œ	All. All. 1 to 9	All Flementary All	All. 1 to 7 Elementary None 1 A to 7B 3 to 7	1 to 8 M1 A11 A11 1 to 9 M1 A11 A11	1 to 8. Elementary. All Elementary.
-	ichers.	.IstoT	-	55 84 46	85 55 33	110 53 53 257 80 80	50 44 74 241 211 211 56	72 53 85 144
	Regular teachers	.пэтоW	9	52 76 44	50 50 63 63	$ \begin{array}{c} 47\\ 94\\ 38\\ 38\\ 245\\ 69\\ 69 \end{array} $	46 86 371 220 194 48	66 48 141
	Regi	.пэМ	10	10 00 07	<del>م</del> بر ه	16 4 11 2 3 2 2 6 4 11 2 3 2 2 6 4	88 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	3 I 2 2 6
	ing.	.IstoT	4	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	v 4 ∞ − ∞ −	2288337 4720	<sup>11</sup> 329
	Supervising officers.	$. \mathfrak{n}\mathfrak{smo}^W$	÷	000	009	0000000	3720155 120155	2412
	ng	.nsM	ci		551	-2112°	10212715	4010
		City.	1	vermont. Barre Burlington Rutland.	Alexandria Danville Lynchburg Manchester	sws	WASHINGTON. Ballard. Belingham Beloretta Seattle. Seattle. Tacoma Walla Walla. WEST VIRGINIA.	Charleston. Huntington* Parkersburg. Wheeling
ļ				548 549 550	551 552 553	555 557 558 558 558 558 560	561 563 565 565 567 567	568 570 571

EDUCATION REPORT, 1905.

	not named.	rades r	but g	aught,	bModeling, sewing, and weaving are taught, but grades not named		2 barra	<sup>x</sup> Including 32 barracks	a Incl				* Statistics of 1903-4.	
139,517	1, 340	5	0	0	(q)	All	32	30 -	¢1	2	1	-	Cheyenne.	594
													WYOMING.	
80,200 226,068	* 1,380 3,500	4 11	00	⊃∞	6 and above	a to tu	69	07 19	4' 00	9 17	- 00	- 00	watertown. Wausau	593 593
559,686	6,500	12	00	10	All	All. 1 ±0.10	177	161	16	15	9-	6-	Superior	591
150,000	3,000	~	0	4	All	tary. All	47	44	ŝ	4	ŝ	-	Stevens Point.	590
325,000	*4,600	*11	0	t~	4 to 6	Kindergarten and elemen-	115	98	17	19	4	15	Sheboygan	589
552,000	5,710	10	0	6	5 and above	All	137	131	9	16	4	12	Racine	588
344,000	6,216	321	4	3 1	1 to 10	1 to 10	129	118	31	12	101	e e	Oshkosh.	587
141,700 2 014 965	2,000 45,000	2 00	00	N 2	All	All	0. E	37	26 J	5 G	• =	20	Metrul	506 506
162,000	3,490	2	0	9	6 and above	1 to 7	74	89	9	4	0	01	Marinette	584
185,000	2,655	ŝ	0	ŝ	All	All.	09	48	12	4	57	01	Manitowoc.	583
450,000	3,600	Ξ	0	00	1 to 8.	1 to 9.	88	80	œ	5	01	ŝ	Madison.	582
302,500	5.644	16	0	0	None	All	128	118	10	ŝ	67	1	La Crosse	581
240,000	1,980	9	0	0	5 and above	All	54			01	0	01	Kenosha	580
300.000	2,700	10	0	4	None	All	72	65	2	01		-	Janesville	579
215,000	4.000	13	0	0	None	Elementary.	86	80	9	67	-	1	Greenbay	578
255.000	3.400	6	C	1	1 to 6 and 9 to 12	I to 9.	62	76	~	ŝ	~~	5	Fond du Lac	577
276,500	4,400	13	0	0	Elementary and first year	Elementary and first year	85	73	12	21	11	10		576
96,000	1,467	00	0	0	A11	All	39	30	6	67	1	1	Chippewa Falls.	575
235,000	2,200	11	0	ŝ	None	Elementary	75	72	0		0			574
325,000	2,770	11	0	-	Elementary	Elementary	68	61	1-	5	3	0		573
416.413	3,000	6	0	1	High school.	Elementary	81	74	1	9		5	Appleton	572
													WISCONSIN	

TABLE 8.—Statistics of	receipts of	public schools of	<sup>c</sup> cities of	over 8,000	inhabitants,
		1904-5.			

	portion- ment or taxes.	appropri- ations or taxes.	county and other taxes.	From all other sources.	Total.	avail- able for use dur- ing the year. <sup>a</sup>
1	2	3	4	5	6	7
ALABAMA.						1
ston* ingham sville	$     $7,800 \\     18,506 \\     4,400 $	\$5,700 37,500 5,450	\$18, 114	\$13, 569	\$13, 500 87, 689 9, 850 103, 587	\$13, 500 101, 310 9, 850 103, 587
sville. 	$15,632 \\ 6,500$	$46,174 \\ 9,760$		668 4, 500	62,474 20,760	62,474 20,760
ARIZONA.					27,377	28,264
ARKANSAS.					21,011	20,201
Smith Springs e Rock*	$\begin{array}{r} 22,342 \\ 5,000 \\ 19,818 \\ 4,286 \end{array}$	25, 516 25, 000 34, 660	$7,932 \\11,000 \\62,667 \\960$	34, 896 745	90, 686 41, 000 83, 230 39, 906	90,686 81,000 90,517 43,568
CALIFORNIA.						
leda. eleyka. no Angeles. and	$\begin{array}{r} 47,056\\57,588\\21,994\\37,078\\349,725\\168,381\\38,242\end{array}$	$\begin{array}{r} 32,266\\ 39,314\\ 10,045\\ 51,373\\ 196,668\\ 114,611\end{array}$	$\begin{array}{r} 33,898\\ 38,646\\ 13,291\\ 21,501\\ 251,770\\ 135,230\\ 32,135\end{array}$	166 20, 500 190 136, 390 6, 701	$\begin{array}{c} 113,386\\ 135,548\\ 65,830\\ 110,142\\ 934,553\\ 424,923 \end{array}$	$126,245 \\ 299,882 \\ 68,299 \\ 136,998 \\ 1,068,118 \\ 1,393,233 \\ 219,284 \\ 219,284 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 300,000 \\ 3$
CALIFORNIA. elea. eley. ka. no. Angeles. and dena. rside. imento. Diego. Francisco. Jose. kton. jo	$\begin{array}{c} 38,242\\ b\ 40,134\\ 60,081\\ 33,574\\ b\ 987,011\\ 59,545\\ 33,763\\ 17,014 \end{array}$	$\begin{array}{c} 33,564\\ 15,498\\ 90,855\\ 0\\ 323,364\\ 35,607\\ 42,588\\ 2,224\end{array}$	32, 135 (c) 33, 207 63, 601 (c) 33, 207 23, 074 15, 740	1,774 18,951 7,390 58,477 1,472 71	$\begin{array}{c} 103, 941\\ 57, 406\\ 203, 094\\ 104, 565\\ 1, 368, 852\\ 129, 831\\ 99, 496\\ 34, 978\end{array}$	$\begin{array}{c} 219, 284 \\ 70, 744 \\ 222, 047 \\ 110, 282 \\ 1, 436, 235 \\ 133, 191 \\ 105, 525 \\ 40, 645 \end{array}$
COLORADO.	17,014	2,224	10,740	•••••	34, 978	40, 040
rado Springs ole Creek rer	$\begin{array}{c} 85,917\\ 26,152\\ 56,151\\ 28,755 \end{array}$	$179,183\\840,642\\33,336$	$216,288 \\ 4,269$	101, 655 10, 275	$187,572 \\ 205,335 \\ 1,123,356 \\ 66,361$	203,821 237,535 1,279,404 93,974
olo: – District No. 1 District No. 20	27,720 30,115	132, 537 134, 300	-,		172,778	177,873 164,787
CONNECTICUT.	30,115	134,300			164, 415	164,787
connecticor. pnia	8,109 40,172 5,674	42,669 256,249 41,323 60,854		1, 137 875	$50,778 \\ 296,421 \\ 48,134 \\ 72,241 \\ 463,158$	$123,461 \\ 296,421 \\ 53,034 \\ 74,504$
ford	$10,512 \\ 40,797$	60, 854 190, 467	d 231, 894	879		$74,304 \\ 633,036$
lown schools	2,905 3,667 15,172 5,413	$ \begin{array}{c} 11,801\\ 25,720\\ 84,495\\ 17,968\\ 17,968 \end{array} $	d 12 000	545 980 179 7, 349	15, 251 30, 367 99, 846 42, 730	15,251 30,367 113,465 83,935 44,862
gatuck e Britain	16, 384	92, 269	d 12, 271	3, 990		
London	$9,295 \\ 11,020$	55, 760 65, 790		$1,864 \\ 1,305$		$112, 643 \\ 459, 981 \\ 66, 930 \\ 82, 283$
Ventral district Vest Chelsea district iford. ington	$3,582 \\ 2,567 \\ 10,861 \\ 11,122$	25,970 5,726 96,000 33,866			$\begin{array}{r} 45,432\\ 16,602\\ 121,444\\ 44,988\end{array}$	$\begin{array}{r} 46,036\\17,472\\121,444\\44,988\end{array}$
ingford (Central district) erbury mantic h.	35,080 5,238			1,113	340, 403 32, 413	$340,725 \\ 36,000$
	entral district 'est Chelsea district ngton n d ngford (Central district) rbury nantic h s of 1903-4.	etown       5,413         britain       16,384         Britain       16,384         Haven       9,295         alk       11,020         entral district       3,582         Vest Chelsea district       2,667         ford       11,122         ngford (Central district)       35,080         natic h       5,238         s of 1903-4.       5rought f	$ \begin{array}{ccccccc} \text{ntral district.} & 3,582 & 25,970 \\ \text{est Chelsea district.} & 2,567 & 5,726 \\ \text{ford.} & 10,861 & 96,000 \\ \text{ngton.} & 11,122 & 33,866 \\ \text{ngford} (Central district). \\ \text{rbury.} & 35,080 & 304,210 \\ \text{nantic} h. & 5,238 & i 27,175 \\ \text{s of 1903-4.} & \epsilon \end{array} $	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$

receipts, loans, etc. b From State and county. c Included in column 2. d From district taxes.

g Includes city of Rockville. h Included in town of Windham. i Includes receipts from "All other sources."

	City.	From State ap- portion- ment or taxes.	From city appropri- ations or taxes.	From county and other taxes.	From all other sources.	Total.	Amount avail- able for use dur- ing the year.	
	1	2	3	4	5	6	7	
	DELAWARE.							
54	Wilmington	* \$36,163	\$199,479	\$677	\$2,984	\$239,303	\$252,851	
	DISTRICT OF COLUMBIA.	. ,						
55	Washington	838, 129	838, 129			1,676,258	1,676,258	
	FLORIDA.							
56	Jacksonville a*	8,531		83,044		91,575	99,541	
57 58	Key West. Pensacola b*. Tampa.	1,799 7,745	¢ 34, 419	83,044 7,157	392 1,027	9,348 43,191	11,830 66,523	
59		6,760	¢ 28, 000		1,200	35,960	35,960	
60	GEORGIA.	6 458	16 400		846	23 704	21,008	
61	Atlanta	6,458 49,038	$16,400 \\ 188,958$	c 55,000		23,704 237,996	237,996	
$\begin{array}{c} 62\\ 63 \end{array}$	Augusta. Brunswick*. Columbus.	$30,000 \\ 10,240$	9,500	2,000	$\substack{6,742\\600}$	91,742 22,340	91,742 31,100	
$\frac{64}{65}$	Columbus	11 574	39, 931 ¢ 50, 000		2,391	53.896	53,896	
66	Macon d. Savannah e	$\begin{array}{r} 40,467\\ 43,794\end{array}$		c 101,000	$3,677 \\ 2,768$	$94,144 \\147,562$	$94,144 \\ 147,562$	
	IDAHO.							
67	Boise	32, 721	72, 183			104,904	108,906	
	ILLINOIS.							
68	Alton	3, 181	49,502	6,750		59, 433	59,433	
69	East Side	3,452	66,292		858	70,602 40,623	$70,602 \\ 40,623$	
$\frac{70}{71}$	West Side Belleville.			c 27, 284 55, 295	12,357 374	40,623 58,468	40,623 78,392	
72	Bloomington	4,547	115,919	33	3,703	124,169	273,229	
73 74	Cairo	1,744	$42,790 \\ f 23,763$	33		44,567 23,763	50,052 90,564	
75	Chicago.	338, 551	8,848,106		561,451	23,763 9,748,108	12,404,199	
76 77	Bloomington Cairo Champaign Chicago Danville Decatur	5, 229	8,848,106 f 73,429 84,514	g 3,408	2,033 815	78,870 90,558	$12,404,199\\111,688\\127,115$	
78						27,002	29,535	
79	North Dixon	193		c 11, 952	252	12,397 223,933	16,610	
80 81	City proper. North Dixon. East St. Louis. Elgin.	g 3,989	214,305		5,639	223,933 113,210	456,423 216,160	
82						ŕ		
83	District No. 74 (North Ev- anston) <sup>h</sup> District No. 75. District No. 76 (South Ev- anston).		f 114, 303		1,679	10,676 115,982	12,756 121,750	
84	District No. 76 (South Ev-	1.170	46,438		98	47,706	50,020	
85 86	Freeport. Galesburg. Jacksonville Joliet.	2,005 3,064	f 50, 563 77,000		2,832	55,400	78,972	
87	Jacksonville	2,120		67,528	2,615 784	82,679 70,432	238,048 70,432	
88 89			123,009 49,632		382	70,432 123,391 54,554	70,432 129,053	
90	Kewanee *	3,320		299 47,190	$1,303 \\ 1,247$	50,113	66,436 54,656	
$91 \\ 92$	Lasalle	2,223 1,849	21,935	4,184	110	28,452	29,769	
93	Mattoon	2,716	31,665 24,179	9,399	112     970	33,626 37,264	33,819 56,764	
$\frac{94}{95}$	Kaunaacee Lasalle Lincoln Mattoon Moline. Monmouth	3, 194	24, 179 99, 720		1,909	37,264 104,823 45,000	$     \begin{array}{r}       194,723 \\       45,000 \\       120,046     \end{array} $	
96	Uttawa	1,899		46,076	180	45,000 48,155	120,046	
97 98	Pekin Peoria	1,572 10,759	249,354	38,147	223 4, 381	39,942 264,494	55,466 380,103	
99	Quincy	7,700	76,541	16,986	16,482	117,709	128,044	
100 101	Quincy. Rockford. Rock Island.	4,975 2,694	100, 944		3,518 1,925	139,435 72,152	297,134 125,000	

# TABLE 8.—Statistics of receipts of public schools of cities of over 8,000 inhabitants, 1904-5.—Continued.

•

\* Statistics of 1903-4. a Statistics of Duval County. b Statistics of Escambia County. c From city and county. d Statistics of Bibb County.

e Statistics of Chatham County.
f From school district.
g From State and county.
h From biennial school report of Cook County, for 1903 and 1904.

1 ILLINOIS—continucd. Springfield Streator. Waukegan. INDIANA. Alexandria. Anderson * Brazil. Columbus. Elkhart. Elkhart. Elkhart. Fort Wayne Hammond * Huntington. Indianapolis. Jeffersonville. Kokomo. Lafayette. Logansport.	62,469	3 \$178, 373 44, 092 33, 450 \$7, 478 \$6, 840 56, 827 98, 517 13, 834	4 	5 \$2,069 173 11,419 6,316 1,838 1,141 1,096	6 \$187, 168 47, 410 46, 435 30, 146 113, 711- 33, 248 46, 251	<b>7</b> \$187, 168 65, 104 73, 618 46, 059 147, 744 54, 780
Springfield Streator Streator Waukegan INDIANA. Alexandria Anderson * Brazil Columbus Elkhart Elwood Evansville Fort Wayne Hammond * Huntington Indianapolis Jeffersonville Kokomo Lafayette Logansport	3,145 1,566 19,917 17,829 8,270 14,202 	44,092 33,450 87,478 36,840 56,827 98,517	\$13, 581	$ \begin{array}{r} 173\\11, 419\\6, 316\\1, 838\\1, 141\end{array} $	47, 410 46, 435 30, 146	$\begin{array}{r} 73,618\\ 46,059\\ 147,744\end{array}$
Alexandria Anderson * Brazil Columbus Elkhart Elkhart Elwood. Evansville Fort Wayne Hammond * Huntington Indianapolis Jeffersonville Kokomo Lafayette Logansport.	17, 829 8, 270 14, 202 	36, 840 56, 827 98, 517		$1,838 \\ 1,141$	30,146 113,711 33,248 46,251	$46,059 \\ 147,744 \\ 54,780$
Anderson * Brazil	17, 829 8, 270 14, 202 	36, 840 56, 827 98, 517		$1,838 \\ 1,141$	$30,146 \\ 113,711 \\ 33,248 \\ 46,251$	$46,059 \\ 147,744 \\ 54,780$
Fort Wayne Hammond * Huntington. Indianapolis Jeffersonville Kokomo Lafayette Logansport.	62, 469 13, 857 189, 062	98, 517 13, 834			72, 125 43, 272 272, 745	$163, 439 \\79, 727 \\44, 168$
Indianapolis. Jeffersonville. Kokomo. Lafayette. Logansport.	189,062		38,624	$18,338 \\ 1,775$	$179,324 \\ 68,090 \\ 53,535$	250,992 381,829 97,072 67,913 1,320,211
	$12,683 \\ 17,512$	$816,088 \\ 16,437 \\ 15,597 \\ 63,640$	$14,563 \\ 1,627 \\ 624 \\ 6,157$	$21, 183 \\ 2,007 \\ 35, 493 \\ 883 \\ \ldots$	1,040,89630,57064,39788,19247,000	52,173 86,579 149,318 65,000
Marion. Michigan City. Muncie. New Albany. Peru.	27,379 19,847 18,727 20,771	21, 027 44, 483	$73,935 \\ 11,827 \\ 41,594 \\ 56,038$	4, 450 913 9, 122	$105,764 \\ 53,614 \\ 104,804 \\ 85,931$	$141,915 \\111,920 \\181,135 \\174,469$
South Bend. Terre Haute	59,791 54,203 12,103 9,077	$79,941 \\ 128,797 \\ 4,592 \\ 9,104 \\ 35,104$	$500 \\ 161,756 \\ 23,580 \\ 487 $	2,080 2,359 10,625 5,663 2,317 	$\begin{array}{r} 96,952\\ 191,447\\ 231,176\\ 50,450\\ 46,985\end{array}$	$\begin{array}{c} 134,287\\ 382,456\\ 313,253\\ 109,987\\ 54,767\end{array}$
IOWA. Boone Burlington Cedar Rapids Clinton. Council Bluffs Davenport	$egin{array}{c} 3,352\ 6,986\ 9,421\ 6,461\ 8,566\ 15,164 \end{array}$	96, 965 141, 240	41, 745 66, 958 142, 168 179, 079	6,027 391 922 13,809	$\begin{array}{r} 45,097\\109,978\\151,052\\74,341\\150,734\\208,052\end{array}$	$59, 591 \\ 114, 203 \\ 163, 809 \\ 91, 057 \\ 163, 331 \\ 362, 311 \\$
Capital Park. East Side. West Side. Dubuque Fort Dodge. Fort Madison	$500 \\ 7,243 \\ 17,918 \\ 13,182 \\ 3,904 \\ 2,783$	564 87,444 271,890 <i>a</i> 47,219	19, 925 99, 400 17, 800	$     \begin{array}{r}       190 \\       1,354 \\       317 \\       676 \\       246 \\     \end{array} $	$\begin{array}{c} 21,179\\ 96,041\\ 289,808\\ 112,899\\ 51,799\\ 20,829 \end{array}$	$\begin{array}{r} 25,013\\ 129,767\\ 305,163\\ 113,124\\ 62,398\\ 20,937 \end{array}$
Keokuk	3,802		43,302	873	47,977	50,474
Muscatine Oskaloosa Ottumwa. Sioux City	5,312 3,787 5,025 12,437	50,711 80,175	$\begin{array}{r} 48,974 \\ 6,732 \\ 200,097 \end{array}$	2, 745 15, 341	58,768 52,761 91,932 227,875	$58,768 \\ 54,431 \\ 92,042 \\ 227,875$
East Side	4,234		$\begin{array}{c} 49,910\\ 33,621 \end{array}$	$\begin{array}{c} 31 \\ 69 \end{array}$	54,175 33,690	$87,272 \\ 37,026$
KANSAS.						
A tchison Emporia Fort Scott Galena Hutchinson Iola Kansas City Lawrence Leavenworth Parsons Pittsburg	2,539 7,789 2,336 2,296 3,192 14,393 3,197 5,430 1,565 5,000	38, 483 22, 442 36, 178 40, 307 b 30, 641 b 43, 363 28, 273 34, 000 182, 736 600	32, 973 16, 209 209, 281 340 91, 674	$1,507\\ 884\\ 1,725\\ 21\\ 414\\$	$\begin{array}{c} 37,954\\ 41,906\\ 31,956\\ 18,566\\ 38,888\\ 43,499\\ 226,149\\ 40,668\\ 51,685\\ 30,178\\ 39,000\\ 228,350\\ 101,655\\ \end{array}$	$\begin{array}{c} 52, 117\\ 44, 511\\ 31, 956\\ 22, 091\\ 47, 649\\ 269, 552\\ 40, 668\\ 84, 892\\ 38, 587\\ 69, 000\\ 376, 003\\ 106, 243\\ \end{array}$
	Michigan City Muncie. New Albany Peru. South Bend. Terre Haute. Wabash Washington IOWA. Boone Burlington. Cedar Rapids. Clinton. Council Bluffs. Davenport. Des Moines: Capital Park. East Side. West Side. Dubuque. Fort Dodge. Fort Madison. Iowa City. Keokuk. Marshalltown Muscatine. Oskaloosa. Ottumwa. Sioux City. Waterloo: East Side. West Side. West Side. West Side. KANSAS. A tchison. Fort Scott. Galena. Hutchinson. Iola. Kansa. Capital Park. East Side. Kansas. A tchison. Fort Scott. Galena. Hutchinson. Iola. Kansas. City. Kansas. Capital Composition. Capital Park. East Side. Kansas. Capital Composition. Side. Kansas. Capital Composition. Capital Composition. Side. Kansas. Capital Composition. Side. Kansas. Capital Composition. Side. Kansas. Capital Composition. Side. Kansas. Capital Composition. Side. Kansas. Capital Composition. Side. Kansas. Capital Composition. Side. Kansas. Capital Composition. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Side. Sid	Michigan City       19, 847         Muncie.       18, 727         New Albany       20, 771         Peru       20, 771         Peru       59, 791         South Bend       59, 791         Terre Haute       54, 203         Vincennes.       12, 103         Wabash       9, 077         Wabash       9, 077         Washington       9, 077         Washington       6, 986         Cedar Rapids       9, 421         Clinton       6, 461         Council Bluffs       8, 566         Davenport.       15, 164         Des Moines:       7, 243         Capital Park       500         East Side       7, 243         West Side       17, 918         Dubuque       13, 182         Fort Dodge       3, 904         Muscatine       5, 312         Oskaloosa       3, 787         Ottumwa       5, 025         Sioux City       12, 437         West Side       4, 234         West Side       4, 234         West Side       4, 234         West Side       2, 336         Galena       2	Michigan City       19,847       21,027         Muncie       18,727       44,483         New Albany       20,771       44,483         New Albany       20,771       44,483         South Bend       59,791       128,797         South Bend       59,791       128,797         Terre Haute       54,203       4,592         Vincennes       12,103       9,104         Wabash       9,077       35,104         Washington       6,986       96,965         Cedar Rapids       9,421       11,240         Clinton       6,461       6,461         Council Bluffs       8,566       566         Davenport       15,164       500         Des Moines:       500       564         Capital Park       500       564         Fort Dodge       7,243       87,444         West Side       17,1890       271,890         Dubuque       13,182       71,890         Fort Dodge       3,901       a 47,219         Fort Madison       2,783       500,711         Oskaloosa       3,787       0tumwa.         Muscatine       5,312       50,711	Michigan City       19,847       21,027       14,827         Muncie       18,727       44,483       41,594         New Albany       20,771       56,038         Peru       59,791       128,797       500         South Bend       59,791       128,797       500         Terre Haute       54,303       4,592       161,756         Vincennes       12,103       9,104       23,580         Wabash       9,077       35,104       487         Washington       9,077       35,104       487         Cedar Rapids       9,421       141,240       66,956         Capital Park       566       142,168         Davenport       15,164       179,079         Des Moines:       560       564       19,925         Capital Park       560       564       19,925         Capital Park       500       564       19,925         Fort Madison       2,783       17,800       17,800         Iowa City	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Michigan City       19, 847       21, 027       11, 827       913       53, 614         Nuence       20, 771       56, 038       9, 122       85, 031         Richmond       14, 931       79, 941       2, 080       96, 652         South Bend       56, 791       128, 797       5600       2, 359       191, 447         Vincennes       12, 103       9, 104       23, 580       5, 663       50, 450         Wabash       9, 077       35, 104       487       2, 317       46, 985         Wabash       9, 077       35, 104       487       2, 317       46, 985         Wabash       9, 077       35, 104       487       2, 317       46, 985         Boone       3, 352       41, 745       46, 985       992       74, 341       46, 985         Burlington       6, 966       96, 965       6, 027       109, 973       208, 952       109       21, 179         Cainton       64, 461

TABLE 8.—Statistics	of receipts of public schools o	f cities of	f over 8,000 inhabitants,	
	1904–5—Continued			

	City.	From State ap- portion- ment or taxes.	From eity appropri- ations or taxes.	From county and other taxes.	From all other sources.	Total.	Amount avail- able for use dur- ing the year.
	1	2	3	4	5	6	7
	KENTUCKY,						
165 166 167 168 169 170 171	Bowling Green Covington Frankfort. Henderson Lexington * Louisville. Newport.				$\$70 \\ 1,445 \\ 624 \\ 2,134 \\ 1,162 \\ 12,150 \end{cases}$		\$21, 275 149, 492 26, 601 39, 381 102, 620 777, 494
171 172 173	Owensboro. Paducah *.	$13,249 \\ 15,428$	25, 982 30, 170		2, 489 462	$41,720 \\ 46,060$	61, 855 50, 895
			7 500	95 570		12 070	12 070
$174 \\ 175 \\ 176$	Baton Rouge <sup><i>a</i></sup>	105,014	7,500 422,281 4,000	\$5,570 33,750	38,747	$\begin{array}{r} 13,070 \\ 566,042 \\ 37,750 \end{array}$	$13,070 \\ 599,127 \\ 37,750$
177	MAINE.						18 101
177 178 179 180 181 182	Auburn. Augusta <sup>b</sup> . Bangor. Bath*. Biddeford. Lewiston. Portland <sup>b</sup> .	$10,466 \\ 8,640 \\ 16,195 \\ 9,132 \\ 15,411 \\ 22,152$	$\begin{array}{r} 34,500\\ 9,346\\ 64,000\\ 25,200\\ 15,500\\ 31,000 \end{array}$	8,664	525 574 617 2,200 589	$\begin{array}{r} 45,491\\ 26,650\\ 80,769\\ 34,949\\ 33,111\\ 53,741\end{array}$	$\begin{array}{r} 45,491\\ 26,650\\ 80,769\\ 34,949\\ 33,111\\ 53,741\\ 178,839\\ 27,611\\ 20,011\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\ 0,012\\$
183     184     185	Portland <sup>b</sup> . Roekland Waterville MARYLAND.	$\begin{array}{c} 41,843 \\ 5,795 \\ 8,265 \end{array}$	$ \begin{array}{r} 13,000\\ 31,000\\ 136,996\\ 21,500\\ 14,500 \end{array} $		221 15	33, 111 53, 741 178, 839 27, 516 22, 780	178,839 27,611 29,311
186 187 188 189 190	Annapolis c. Baltimore. Cumberland c. Frederick c. Hagerstown c. MASSACHUSETTS.	53,605	1,376,608	 		$17,253 \\ 1,430,213 \\ 25,091 \\ 17,884 \\ 30,447$	$17,253 \\ 1,448,743 \\ 25,091 \\ 17,884 \\ 30,447$
191 192 193 194 195 196	Adams. Amesbury. Arlington *. Attleboro. Boston. Boston. Brockton.		$\begin{array}{r} 41,773\\ 26,800\\ 50,468\\ 66,117\\ 77,000 \end{array}$	451	$200 \\ 1,031 \\ 2,266 \\ 30,503$	$\begin{array}{c} 41,773\\ 27,000\\ 51,499\\ 68,383\\ 107,954\\ 5,738,235\\ 167,070\\ 358,090\\ 9590\\ 600\\ 600\\ 750\\ 600\\ 750\\ 600\\ 750\\ 600\\ 750\\ 600\\ 750\\ 600\\ 750\\ 750\\ 750\\ 750\\ 750\\ 750\\ 750\\ 7$	$\begin{array}{r} 41,773\\27,000\\85,349\\69,200\\138,954\\5,738,235\\169,352\end{array}$
197 198 199 200 201 202	Cambridge Chelsea Chicopee. Clinton		538,090 522,661 163,223 66,190 48,000		7,978 324		$\begin{array}{c} 358,298 \\ 685,016 \\ 163,551 \\ 66,190 \\ 48,000 \end{array}$
203 204 205 206 207 208	Danvers. Everett. Fall River. Fitchburg. Framingham. ' Gardner.		31,222 189 192	556	3,541 556 538	$\begin{array}{r} 32,656\\192,733\\366,238\\129,049\\51,348\end{array}$	$\begin{array}{r} 34,884\\ 271,254\\ 366,238\\ 129,049\\ 51,348\\ 47,897\end{array}$
209 210 211 212 213	Gloucester		105,294	1,932	$501 \\ 1,580 \\ 979 \\ 836 \\ 218 \\ 262$	$\begin{array}{r} 47,802\\ 106,874\\ 42,254\\ 148,678\\ 191,952\\ 56,962\\ \end{array}$	$\begin{array}{c} 47,897\\ 106,874\\ 45,634\\ 148,678\\ 191,952\\ 57,269\\ 216,146\end{array}$
214 215 216 217 218	Greenheid Haverhill Holyoke. Hyde Park Lawrence Leominster <sup>d</sup> Lowell Lynn Maiden		$216,146 \\ 54,000 \\ 369,451 \\ 210,000 \\ 173,400$		$808 \\ 2,239 \\ 46,160 \\ 1,837$	$216, 146 \\ 54, 808 \\ 371, 690 \\ 256, 160 \\ 175, 237$	$216, 146 \\ 54, 854 \\ 371, 690 \\ 256, 160 \\ 176, 674$

# TABLE 8.—Statistics of receipts of public schools of cities of over 8,000 inhabitants, 1904-5—Continued.

•

\* Statistics of 1903-4. <sup>a</sup> For white schools only. <sup>b</sup> From State school report, 1905. <sup>c</sup> The eity is a part of the county system and has no special appropriation. The statistics given represent the expenditures. <sup>d</sup> From annual report of the school committee, 1905.

TABLE 8.—Statistics	of	receipts (	f	public	schools	of	cities	of	over	8,000	inhabitants,	
		1:	90.	4-50	Continue	ed.		-				

	City.	From State ap- portion- ment or taxes.	From city appropri- ations or taxes.	From county and other taxes.	From all other sources.	Total.	Amount avail- able for use dur- ing the year.
	1	2	3	4	5	6	7
	MASSACHUSETTS-continued.						
219	MASSACHUSETTS—continued. Marlboro. Medford. Melford. Natick. New Bedford. New Bedford. New Bedford. New buryport. New ton. North Adams. Northampton. Peabody. Pittsfield. Plymouth. Quincy. Revere. Salem. Somerville. Southbridge. Springfield. Taunton. Wakefield. Watham. Wate. Watefield. Watham. Wate. Westfield. Wester. Wester. Wester. Wester. Worth. Woburn. Woorester. MICHIGAN.		\$55,800		\$243	\$56,043	\$56,043
220	Medford		$ \begin{array}{c} 110,126\\ 85,020\\ 38,000 \end{array} $		149	110,275	110,275
221	Melrose		85,020			110,275 85,020	110, 275 85, 020
222 223	Milford		38,000		285	38,285	38,285
223	Natick New Bedford		41,500 340,521		1,009 4,622	42,509 345,143	$\begin{array}{r} 42,509 \\ 348,133 \end{array}$
225	Newburyport		39,769		2,638	42,407	42,407
226	Newton		39, 769 229, 681	\$930	3,461	233, 142	$\begin{array}{r} 42,407\\ 233,142\end{array}$
227	North Adams		94,094	\$930		95,024	95,024
228 229	Peabody		74,628 45,200	1,042	$2,166 \\ 702$	76,794 46,944	76,794 46,944
230	Pittsfield		97,217	1,042	102	97,217	142,217
231	Plymouth		75, 442		117	75.559	75,559 111,286 68,829
232	Quincy		$111,000 \\ 67,500$		286	$111,286\\68,640$	111,286
233 234	Revere		132,530	1,894	$\substack{1,140\\1,763}$	136,187	136 197
235	Somerville		357,816	1,074	1,100	357,816	$136,187 \\ 357,816$
236	Southbridge		27,625			27,625	28,177
237	Springfield		392,540		$7,249 \\ 3,318$	399, 789	399, 789
238 239	Taunton Wakefield		126,489 50,185			129,807 60,997	129,807 61,085
240	Waltham		59,185 127,452	32	245	$\begin{array}{c} 60,997\\ 127,484 \end{array}$	$61,085 \\ 131,371$
241	Ware		33,000	493	245	33,738	34 372
242	Watertown		47,000 19,700 58,625		20	47,026	47,031 26,813 67,880
$\frac{243}{244}$	Webster		19,700		968 7,937	$20,668 \\ 66,562$	20,813
245	Weymouth		52,500		1,001	52,500	61,836
246	Woburn		64,830		660	65,490 629,966	82,996
247	Worcester		625,475		4,491	629,966	656,838
	MICHIGAN.						
248			25,000		12,000	45,000	45,000
240	Adrian. Alpena. Ann Arbor. Battle Creek. Bay City. Calumet school district. Detroit . Escanaba. Flint Grand Rapids. Holland. Iron Mountain. Iron Mountain. Ishpeming. Jackson. Kalama.zoo. Lansing.	\$0,000			12,000		
250	Ann Arbor	10,375	55,287 119,289 51,266 106 7:1	238	47,088	$112,988 \\137,794 \\88,195 \\125,644$	$112,988 \\ 164,266 \\ 100,855$
251	Battle Creek	16,300 33,102	119,289	711	$1,494 \\ 3,827$	137,794	164,266
$\frac{252}{253}$	Calumet school district	33,102 24,429	106,731		3,827 4,484	135,644	184,789
$253 \\ 254$	Detroit.	277,045	781,049		138,156	1,196,250	1,438,474
255	Escanaba	10,296	40,933	8,913	416	60,558	1,438,474 74,757
256	Flint.	10,037	10,023	47,159	22,500	89,719	93,138
$\frac{257}{258}$	Holland	$86,311 \\ 7,971$	290,340 22,000		$106,541 \\ 384$	483,192 30,355 50,051	579,989 37,726
259	Iron Mountain	10,014	$22,000 \\ 55,791$	4,839	227	10,871	37,726 85,399
260	Ironwood	8,466	49,106		26,220	83,792	103,718
$\frac{261}{262}$	Ishpeming	18,055	65 976	961	3,062	97 954	109,854
263	Kalamazoo	21,482	65,276 101,175	861 2,618	3,446	$87,254 \\ 128,721$	271,459
264	Lansing	10,912	57,700	231	16,533	85,376	120,334
265	Manistee	14,921	37,281		1,097	$53,299 \\ 53,318$	120,334 57,242 58,856
266 267	Kalamazoo Lansing Manjuette Marquette Menominee Muskegon Owosso Pontiac Port Huron	$10,367 \\ 13,355$	40,633 31,126	8,548	$2,318 \\ 665$	53, 518 53, 694	
268	Muskegon	22,743	68,637	5,673	3,078	100,131	121,603
269	Owosso	7,835 7,588	26,967	5,371	1,801	100,131 36,603 49,445	11,730 121,603 37,063 82,196 68,678
$\frac{270}{271}$	Pontiac	7,588	34,800	5,371 112	$1,686 \\ 786$	$49,445 \\ 61,366$	82,196 68,678
271	Port Huron Saginaw:	23,768	36,700	112	780	01,800	00,070
272	East Side	26,257 17,768	104,432		11,351	142,040	179,663
273	West Side	17,768	55,162	227	897	74,054	90,461
$\begin{array}{c} 274 \\ 275 \end{array}$	Sault Ste. Marie	12,849	42,601		730	55,450 35,530	69,950 30,530
276	Sault Ste. Marie. Traverse City. West Bay City a	9,800 10,746	$25,000 \\ 24,640$		171	55,450 35,530 35,557	69,950 39,530 70,757
_,.			-,0				
	MINNESOTA.						
277	Brainerd	7,856	41, 462	2,364	2,751	54,433	57,507
$\frac{278}{279}$	Faribault	40,408	9 982	$355,961 \\ 23,927$	$4,432 \\ 228$	400,801 31,097	38.077
	Mankato	4,659 5,957 159,103	$2,283 \\ 25,016$		103	$31,097 \\ 31,076$	$521, 311 \\ 38, 077 \\ 44, 939$
280			000 000			1 100 105	1 001 007
$\frac{280}{281}$	Minneapolis	159,103	992, 962		28,100	1, 180, 165	1,231,325
280 281 282	Minneapolis. St. Cloud.	159,103 1,325	8,886	22,928	120	1, 180, 165 33, 259 585, 015	33,725
280 281 282 283	Minneapolis. St. Cloud. St. Paul. Stillwater	$159,103 \\ 1,325 \\ 110,920 \\ 8,486$	8,886	3, 881	$\frac{120}{209}$	1,180,165 33,259 585,015 49,980	33,725 916,234 71,272
280 281 282	brainerd Duluth. Farlbault Mankato. Minneapolis. St. Cloud. St. Paul. Stillwater Winona.	$ \begin{vmatrix} 159, 103 \\ 1, 325 \\ 110, 920 \\ 8, 486 \\ 9, 569 \end{vmatrix} $	992,9628,886473,88637,570 $57,297$	22, 928 3, 881 7, 390	120	1, 180, 165 33, 259 585, 015 49, 980 - 76, 917	33,725

a Schools of West Bay City were consolidated with those of Bay City in April, 1905.

	City.	From State ap- portion- ment or taxes.	From city appropri- ations or taxes.	From county and other taxes.	From all other sources.	Total.	Amount avail- able for use dur- ing the year.
	1	2	3	-4	5	6	7
	MISSISSIPPI.						
000		80.105	919 400	80 100	\$311	001 001	000 010
$\frac{286}{287}$	Jackson Meridian	\$8,195 10,821		\$2,128		\$24,094 30,466	\$30, 340 37, 385 22, 094
288	Meridian Natchez Vicksburg *	9,555	6,831			$30,466 \\ 16,386$	22,094
289	Vicksburg *					34, 800	34,800
	MISSOURI.						
290	Carthago					47 202	100 407
291	Anissouri.         Carthage.         Hannibal.         Jefferson City $a$ Joplin.         Kansas City.         Moberly $a$ St. Charles $a$ .         St. Joseph.         St. Joseph.         St. Joseph.         St. Louis.         Sedalia.         Springfield	10.634		37.525	10.885	47,303 59,044	129,407 184,840
292	Jefferson City a					69 289	69.289
293	Joplin.	100 000		070 100	00.000	$\begin{array}{r} 88,426 \\ 1,057,632 \\ 31,193 \end{array}$	$\begin{array}{c} 93,774 \\ 1,602,954 \\ 31,193 \end{array}$
$\frac{294}{295}$	Moherly a	108,030		850, 190	92,806	1,057,032	1,602,954
296	St. Charles a					29.172	99 172
297	St. Joseph	46,009	230, 814 2, 334, 287 58, 298	5,500 509,945 48,363 12,303	9,349	291,6723,231,72955,956	291,6723,437,23469,427
298 299	St. Louis	230, 120	2, 334, 287	509,945	157, 377	3,231,729 55,956	3,437,234 60.497
300	Springfield.	10,038	58,298	12,303		80,639	99, 327
301	Springfield. Webb City					80,639 29,762	29,762
	MONTANA.						
000			01.010	10.000	10	F	
302 303	Anaconda	6,795	34,019	13,963 246,722	19     25,189	54,796 303,619	55,761 365,244
304	Butte. Great Falls. Helena.	8,634		$246,722 \\80,904 \\88,748$	51	89, 589	93,615
305	Helena	9,381		88, 748	377	89, 589 98, 506	365,244 93,615 104,936
	NEBRASKA.			1			1
000		1 000	0.770			00.050	00.050
$\frac{306}{307}$	Beatrice. Hastings Lincoln.	4,200 5,910 18,480	9,750 13,690	23,000 750	15,600	36,950 35,950	36,950 87,637
308	Lincoln.	18,480		124,177	64,489	207.146	207,146
309	Omaha South Omaha	48,618	$\substack{301,416\\67,791}$		25,660 87,147	375,694 165,551	837, 459 304, 793
310	South Omaha	10, 613	67, 791		87,147	165,551	304,793
	NEW HAMPSHIRE.						
311	Berlin	9,255	8,424	1,103	7,644	26, 426	26, 426
	Concord:			-,			
312	Union district	35,642	$31,759 \\ 3,657$		$6,708 \\ 604$	$74,109 \\ 6,709$	85, 438 6, 859
313 314	Dover	2, 448	34, 354	1,389	888	37 487	38,233
315	Keene (Union district)	941	32 765		1,382	35.088	38.314
316	Laconia		23,643		701	$24,344\\144,449$	24,344 144,449
317 318	Penacook district No. 20 Dover. Keene (Union district). Laconia. Manchester. Nashua. Partementh	1 310	23,643 140,779 32,764	2,368	$3,670 \\ 34,896$	71,338	71 338
319			46, 439 21, 000	1,671	3,827	52,092	145,539
320	Rochester	· · · · · · · · · · · ·	21,000	1,671	1,012	23,683	23, 683
	NEW JERSEY.						
321		78, 745	24,265	b 26,204	3,000	132 214	227 178
322	Atlantic City Bayonne.	c 64, 049	$24,203 \\98,596 \\37,500 \\18,444 \\207,125 \\207$	\$ 20,204	0,000	132,214 162,645	$227,178 \\ 234,302 \\ 76,720 \\ 38,025 \\ 518,027 \\ 38,025 \\ 519,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027 \\ 510,027$
323	Bloomfield	24,499 13,756 4,800	37, 500		3,545		76, 720
324	Bridgeton	13,756	18,444	97,730	843	- 33,043	38,025
$\frac{325}{326}$	Camden	4,800 51,045	207, 125 107, 583	97,730	$3,307 \\ 2,346$	$312,962 \\ 160,974$	513,427 283,758
327	Elizabeth d	c 57, 084	<sup>b</sup> 86, 416		115	143, 615 26, 812	143, 615
328	Harrison d	c 57, 084 c 8, 437 85, 023	$\begin{array}{c} 107,583\\ b86,416\\ b18,295\\ 130,304 \end{array}$	87	80	26,812	26,812
329 330	Hoboken.	85,023 266,227	130,304 358,623	87	$412 \\ 201, 537 \\ 070$	215,826 826,387	219,136 1,856,325
331	Atlantic City Bayonne. Bloomfield Bridgeton Camden. East Orange Elizabeth d Harrison d Hoboken Jersey City. Kearney Long Branch. Millville. Morristown.	200, 227 19, 448	34.052		619	54, 379	54,402
332	Long Branch.	28,077 13,298 42,393	51,550 19,567		3,727	54,379 83,354 32,865	85,886
333	Millville.	13,298	19,567 80,398		9 679	32,865 125,469	$33,290 \\ 137,898$
334 335	Montclair. Morristown	42,393 12,952	27 000		2,678 2,047	41.999	69,011
336	Newark.	451,254	708, 819		2,047 5,194	$1,165,267 \\ 64,427$	1, 388, 989
337	New Brunswick	451,254 21,330 40,000	$     \begin{array}{r}       21,000 \\       708,819 \\       42,097 \\       66,500     \end{array} $		1,000	64, 427	64, 584
338 339	Orange	$     40,000 \\     47,804 $	66,500 85,346		6,032	106,500 139,182	231,500 163,942
340	Paterson	138,873	206,730			$\begin{array}{c} 139,182\\ 347,688\\ 115,980\end{array}$	432,737 115.980
341	Mornstown Newark. New Brunswick. Orange Passaic. Paterson. Perth Amboy Phillipsburg.	22,579 15,203	93,401 27,608			115,980	115.980
342	Phillipsburg	15,203	27,608		422	43, 233	59,238

 TABLE 8.—Statistics of receipts of public schools of cuties of over 8,000 inhabitants, 1904-5—Continued.

\* Statistics of 1903–4. *a* From State school report, 1905. *b* From School district.

cFrom State and county. dFrom State school report, 1904.

	City.	From State ap- portion- ment or taxes.	From city appropri- ations or taxes.	From county and other taxes.	From all other sources.	Total.	Amount avail- able ior use dur- ing the year.
	1	2	3	4	5	6	7
	NEW JERSEY-continued.						
343	Plainfield	\$24,946	\$78,034		\$2,601	\$105, 581	\$235,850
$\frac{344}{345}$	Rahway Town of Union	$12,995 \\ 26,132$	$18,400 \\ 38,414$	\$3,342	427	$31,822 \\ 67,888$	32,698 70,415
346	Trenton	109,137	122,400		5,989	237,526	293,760
347	West Hoboken	29,614	30,000		8,634	68,248	68, 515
	NEW YORK.						
$\frac{348}{349}$	Albany. Amsterdam	38,474	162,842	•••••	631 970	201,947	326,010 70,564
350	Auburn	9,877 15,832	59,680 90,074 40,996		3,189	$70,527 \\109,095 \\48,301$	70,564 118,147
351	Batavia	15,832 5,937	40,996		1,368	48,301	$118,147 \\ 61,763 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,053 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,050 \\ 157,0$
$\frac{352}{353}$	Bingnamton	$23,866 \\ 141,744$	119,703 1,529,415		$2,931 \\ 4,459$	$146,500 \\ 1,675,618$	$155,952 \\ 1,874,621$
354	Binghamton Buffalo Cohoes	9,086	42,000		513	51,599	84, 514
355	Corning	5,282	23, 327		32	28,641	28,889
356	District No. 9. District No. 13.						
357	Cortland Dunkirk	$3,925 \\ 7,377$	21,000	45	1,464	26,434	$30,203 \\ 70,588 \\ 131,359$
$\frac{358}{359}$	Elmira	19,041	55,295 105,513		$1,968 \\ 1,923$	64,640 126,477	131,359
360	(leneva	8 023	43, 402		66	51,491	83,770
361	Glens Falls Gloversville Hornellsville	8,625	54,751	1,744	9 705	67,905	79,604
362 363	Hornellsville	8,625 11,704	40 236	1,744	$2,785 \\ 278$	52,218	58,001
364	Hudson. Ithaca	4,618	19 280		1,649	25,547	36,169
365 366	Ithaca	9,644 15,133	44,806     92,657	1,851	$9,514 \\ 8,459$	63,964	66,341
367	Jamestown Johnstown	$15,133 \\ 7,015$	33,868	1,001	138	$118,100 \\ 41,021$	118, 100 43, 955
368	Kingston	13,966	73,672		11,793	99,431	100 424
$\frac{369}{370}$	Lansingburg	8,013	$54,129 \\ 30,025$		$332 \\ 2,577$	62,474 36,927	62, 893 50, 410
371	Lockport	10,946	59,560		3,054	13,000	50,410 159,310
372	Middletown	7,225	42,970		9,492	59,687	97,791
$\begin{array}{c} 373\\374\end{array}$	Newburgh.	14,132 14,934	82,000		$4,112 \\ 155$	170,482 97,089	281,103 97,927
375	Johnstown. Kingston Lansingburg. Little Falls. Loekport. Middletown. Mount Vernon. New burgh. New Rochelle. New York Niagara Falls. North Tonawanda. Ogdensburg.	12,042	152,238 82,000 122,434		733	97,089 135,209	97, 927 168, 633
376 377	New York	1,703,770 13 477	$21,040,412 \\97,901$		5,648	22,744,182 117,026	54,410,771 132,018
378	North Tonawanda	7,189	53,787	860	907	62,743	71,257
379	Ogdensburg. Olean school district	8,883	27,320 46,773		143	36, 346	59,591
$\frac{380}{381}$	Olean school district	8,304 10,995	40,773 45,000		$^{1,145}_{768}$	62, 743 36, 346 56, 222 56, 763	61,483 57,184
	Oswego Peekskill:						
382 383	Peekskill: District No. 7 (Drum Hill) District No. 8 (Oakside) Port Jervis. Poughkeepsie. Rochester. Rome. Saratoga Springs. Schenectady. Syracuse. Troy. Utica.	$3,657 \\ 2,838$	$21,355 \\ 13,520$	228	253	25,265 16,586	28,713 18,006
384	Plattsburg	6,025	31,244		1,209	38,478	53,343
385	Port Jervis	6,603	31,934		1,313	39,850	41,902 139,283 1,190,170
$\frac{386}{387}$	Rochester.	$11,228 \\73,022$	75,490 689,675		$3,698 \\ 14,617$	90, 416 777, 314 47, 903	1,190,170
388	Rome	8,246	37,350	835	1,472	47,903	48,799
389 390	Saratoga Springs	7,952 16,921	55,322		$1,928 \\ 2,620$	65,202 147,265 484,140	72,338
391	Syracuse.	59,127	127,724 423,139 158,672		1,874	484, 140	252,277 710,255
392	Troy.	25, 208	158,672		1,029	184,909	186.914
393 394	Utica Watertown Watervliet White Plains.	$28,853 \\ 14,836$	190,611 84,539		5,430 1,494	224,894 100.869	254, 342 173, 895 59, 327
395	Watervliet	595	38,053		100	$     \begin{array}{r}       100,869 \\       38,748 \\       60,056     \end{array} $	59,327
396 397	White Plains Yonkers	6,064 26,434	51,472 352,371		$2,520 \\ 1,570$	60,056 380,375	62,134 511,962
001		20,404	552,571		1,010	500,010	011,002
	NORTH CAROLINA.			-			
398	Asheville	a 11,000	22,833		1,469	35,302	38,035
399 400	Charlotte Concord Durham	$12,187 \\ 4,400$	18,540 7 600	•••••	710 125	31, 437 12, 125 32,000	$31,900 \\ 13,925$
400	Durham		7,600 18,000	14,000		32,000	34,000
402	Greensboro		. 15, 267	7,727		22,994	22,994
403 404	Newpern Raleigh b		17,481			20,900 30,543	20,900 30,543
405	Greensboro. Newbern Raleigh <sup>b</sup> . Wilmington. Winston *.	1,000	, 101	c 23, 500		24,500	30,543 24,500
406	Winston *	7,000	10,500	· · · · · · · · · · · · · · · · · · ·	••••••	17,500	17, 500

\*Statistics of 1903-4. *a* From State and county. *b* From biennial State school report for 1903 and 1904. *c* From city and county.

TABLE	8.—Statistics				of over	8,000	inhabitants,
		1	904-5(	ontinued			

	City.	From State ap- portion- ment or taxes.	From city appropri- ations or taxes.	From county and other taxes.	From all other sources.	Total.	Amount avail- able for use dur- ing the ycar.
	1	2	3	4	5	6	7
	NORTH DAKOTA.						
407	Fargo	\$21,509	a \$61,079		\$842	\$83, 430	\$83, 430
408	Grand Forks.	15,645	44,028		426	60,099	119,622
409	OHIO.	22,201	235,929		7,128	265, 258	410, 252
410	Akron. Alliance. Ashtabula * Bellaire. Cambridge. Canton. Chillicothe b. Cincinnati. Cleveland.	22,201 5,071	27,715	\$146	5,741	265, 258 38, 527	65,610
411 412	Bellaire.	5,824 5,956	36, 326	27,315	$4,510 \\ 1,715$	46,806 34,986	73,997 79,108
$\frac{413}{414}$	Cambridge	$4,500 \\ 9,112$	$31,804 \\ 60,656$		779 2,970	37, 083 72, 738 62, 738	37,083 164,564 62,738
415	Chillicothe b.					62,738	62,738
$\frac{416}{417}$	Cleveland	199,736 197,514	1,040,486 2,035,328	6,877	58,849 90,821	1 200 071	1,399,413 4,066,295
418	Columbus	197,514 65,003	638,614 442,357		9,479	2,330,540 713,096 505,368	1,076,117 787,604
419 420	East Liverpool	46,838 9,636	66,054		$16,173 \\ 262$	505,368 75,952	787,604 118,545
$\frac{421}{422}$	Cincinnati Cleveland . Columbus. Dayton. East Liverpool. Elyria Findlay <sup>b</sup> . Fremont. Hamilton Ironton *	4,000	42, 520		4,140	50,660	109,497
423	Fremont	2,197	12,472		795	66,366 15,464	
424 425	Hamilton	$18,361 \\ 7,370$	33,022	94,001	1,282 153	$113,644 \\ 40,545$	$171,152 \\ 53,181$
426	Lancaster	5,505	41,826	419	4,315 5,234	52,065	137, 887
427 428	Lima. Lorain	$14,365 \\ 7,803$	61,091	88,223 275	5,234 11,530	52,065 107,822 80,699	137,887 185,876 201,345
429	Mansfield.	8,099	76,375		2,012	86,486	130,057
430 431	Hamilton         Ironton *         Lancaster         Lima         Lorain         Mansfield         Marietta b         Marion         Massillon         Middletown *         Newark         Piqua	6,829	50,854	47	495	73,304 58,225 52,330	73,304 125,619
432 433	Massillon	7,263 5,103	44, 682	37, 585	385 425	52,330 43,113	101,359 82,798
434	Newark.	9,561	$62,321 \\ 50,640$		801	72,683	121,627
435 436	Piqua. Portsmouth.	7,862 10,513		59,246	960 7,208	59,462 76,967 56,101	71,314 140,616
437 438	Sandusky	10,601	45,243		7,208 257 1,949	56,101	101,584
439	Steubenville	$19,095 \\ 8,445$	149,474 72,033	111	1, 949	170,518 80,589	218,349 187,963
440 441	Newark Piqua. Portsmouth. Sandusky. Springfield. Steubenville. Tiffin * Toledo. Warror.	4,872 69,420	72, 033 32, 000 525, 292		8,464	36,872 603,176	187,963 36,872 903,080
442	warren	5,829	31,841	16,206 27,075	1,043	54,919	61,553
443 444	WellstonXenia	4.321	41, 401	21,010	1,804	$36,760 \\ 47,526$	91,684 65,827
445	Xenia. Youngstown Zanesville *.	4,321 24,769 11,752	219,117 75,606		1,152 2,612	47,526 245,038 89,970	399, 402 124, 950
446		11,702	15,000		2,012	00,010	124, 500
447	OKLAHOMA. Guthrie						
448	Oklahoma City	8,000	75,000		3,000	86,000	86,000
	OREGON.						
449 450	Astoria Portland	4,938 37,110	194,622	37,996 196,714	$105 \\ 3,423$	43,039 431,869	49,618 540,335
100		01)110	10 1) 0-1		-,	,	,
	PENNSYLVANIA.						
451 452	Allegheny. Allentown	99,410 30,776	551,688	130, 843	9,663 66,633		1,165,312 237,581
453	Altoona	31,800	112,042 38,935		2,212	146,054	276,880
454 455	Beaver Falls Braddock	7,787 11,937 13,101	38,935 54,538		$1,048 \\ 1,291$	$47,770 \\ 67,766$	54,198 141,719
456	Altoona. Beaver Falls. Braddock. Bradford.	13,101	54, 538 57, 562	130,843	979 613	71,642	76,591
457 458	Bratter Carbondale. Carlisle Chambersburg. Chester. Columbia. Darwille	$11,201 \\ 11,092$	35,939		653		62,796 85,363
459 460	Carlisle.	7,330	22,819 19,108		282 358	47,684 30,431 26,767	38,893 27,207
461	Chester.	7,301 26,928	88,007		6,304	121.299	128.476
462 463	Columbia Danville	9,578 6,375	24,300 15,150		$350 \\ 719$	34,228 22,244	67,469 22,596
464	Danville Dubois Dunmore c Duquesne	8,737	27,987 42,268	891		$36,724 \\ 54,198$	41,979 54,198
465 466	Duquesne	$11,039 \\ 9,751$	42,268 42,607	891	754	53,198 53,112	61,641

\* Statistics of 1903–4. *a* From city and county.

<sup>b</sup> From State school report, 1904. c From State school report, 1905.

	City.	From State ap- portion- ment or taxes.	From city appropri- ations or taxes.	From county and other taxes.	From all other sources.	Total.	Amount avail- able for use dur- ing the year.
	1	2 \	3	4	5	6	7
	PENNSYLVANIA—continued.						
$\begin{array}{c} 467\\ 468\\ 470\\ 471\\ 472\\ 473\\ 477\\ 478\\ 477\\ 478\\ 476\\ 477\\ 478\\ 481\\ 482\\ 483\\ 484\\ 485\\ 488\\ 488\\ 498\\ 490\\ 492\\ 493\\ 494\\ 495\\ 490\\ 497\\ 496\\ 497\\ 496\\ 497\\ 496\\ 497\\ 496\\ 500\\ 501\\ 502\\ 503\\ 504\\ 505\\ 505\\ \end{array}$	PENNSYLVANIA—continued. Easton. Erie	$\begin{array}{c} 10,250\\ 22,609\\ 15,503\\ 11,572\\ 844,808\\ 7,158\\ 237,696\\ 9,919\\ 10,846\end{array}$		\$1,468 	$\begin{array}{c} \$516\\ 1,657\\ 1,471\\ 1,553\\ 2,165\\ 2,008\\ 441\\ 5,382\\ 229\\ 1,791\\ 39,300\\ 2,228\\ 2,359\\ 17,077\\ 5,12\\ 39,300\\ 2,228\\ 2,359\\ 17,077\\ 15,199\\ 9,612\\ 7,077\\ 15,199\\ 8,019\\ 9,612\\ 19,222\\ 3,845\\ 9,044\\ 14,713\\ 1,540\\ 19,222\\ 3,845\\ 9,044\\ 14,713\\ 1,540\\ 19,222\\ 3,845\\ 9,044\\ 14,713\\ 291\\ 9,612\\ 871\\ 1,041\\ 411\\ 2,824\\ 9,612\\ 871\\ 1,041\\ 411\\ 2,824\\ 9,612\\ 9,612\\ 9,612\\ 9,612\\ 9,612\\ 9,713\\ 1,041\\ 411\\ 2,824\\ 411\\ 2,914\\ 9,773\\ 1,291\\ 2,014\\ 9,773\\ 1,291\\ 2,014\\ 9,773\\ 1,291\\ 2,014\\ 9,773\\ 1,291\\ 2,014\\ 9,773\\ 1,291\\ 2,014\\ 9,773\\ 1,291\\ 2,014\\ 9,773\\ 1,291\\ 2,014\\ 9,773\\ 1,291\\ 2,014\\ 9,773\\ 1,291\\ 2,014\\ 1,291\\ 2,014\\ 1,291\\ 2,014\\ 1,291\\ 2,014\\ 1,291\\ 2,014\\ 1,291\\ 2,014\\ 1,291\\ 2,014\\ 1,291\\ 2,014\\ 1,291\\ 2,014\\ 1,291\\ 2,014\\ 1,291\\ 2,014\\ 1,291\\ 2,014\\ 1,291\\ 2,014\\ 1,291\\ 2,014\\ 1,291\\ 1,291\\ 2,014\\ 1,291\\ 2,014\\ 1,291\\ 1,291\\ 2,014\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,291\\ 1,2$	$\begin{array}{c} \$133, 421\\ 206, 465\\ 256, 572\\ 58, 551\\ 62, 091\\ 168, 555\\ 124, 057\\ 67, 780\\ 161, 304\\ 37, 056\\ 48, 221\\ 33, 635\\ 883, 321\\ 154, 718\\ 88, 477\\ 77, 656\\ 63, 221\\ 33, 635\\ 83, 321\\ 154, 718\\ 88, 477\\ 77, 656\\ 31, 183\\ 1, 839, 278\\ 33, 635\\ 55, 353\\ 38, 792\\ 46, 885\\ 77, 479\\ 238, 169\\ 481, 746\\ 68, 073\\ 38, 790\\ 238, 160\\ 55, 027\\ 57, 059\\ 51, 602\\ 56, 134\\ 34, 190\\ 114, 475\\ 42, 678\\ 181, 439\\ 81, 865\\ 123, 180\\ 160, 627\\ \end{array}$	$\begin{array}{l} \$231,275\\ 303,443\\ 3027,087\\ 74,586\\ 90,499\\ 9224,909\\ 9226,891\\ 75,652\\ 330,404\\ 43,026\\ 551,838\\ 35,716\\ 88,321\\ 188,718\\ 83,211\\ 188,718\\ 147,682\\ 77,666\\ 32,412\\ 2,490,516\\ 32,412\\ 2,490,516\\ 33,412\\ 2,490,516\\ 88,324\\ 147,682\\ 77,666\\ 83,241\\ 22,490,516\\ 83,412\\ 655,353\\ 39,097\\ 61,075\\ 77,479\\ 666,741\\ 195,258\\ 81,465\\ 97,462\\ 54,704\\ 78,063\\ 41,659\\ 97,462\\ 55,985\\ 66,741\\ 195,558\\ 99,733\\ 135,325\\ 272,190\\ \end{array}$
$\begin{array}{c} 506\\ 507\\ 508\\ 509\\ 510\\ 511\\ 512\\ 513\\ 514\\ 515 \end{array}$	Central Falls Cranston. Cumberland East Providence. Lincoln. Newport. Pawtucket. Providence. Warwick. Woonsocket. SOUTH CAROLINA.	$\begin{array}{c} 7,034\\ 5,217\\ 4,879\\ 5,723\\ 4,045\\ 6,960\\ 11,296\\ 32,704\\ 5,000\\ 9,943\\ \end{array}$	$\begin{array}{c} 34,872\\ 49,432\\ 28,040\\ 56,522\\ 20,000\\ 85,384\\ 153,500\\ 739,159\\ 55,000\\ 74,205\end{array}$	32,814	5,7092,5851,5602,65012,184 $6,95315,8103,8001,938$	$\begin{array}{c} 47,615\\ 57,234\\ 34,479\\ 62,245\\ 26,695\\ 104,528\\ 171,749\\ 820,487\\ 63,800\\ 86,086\end{array}$	$54, 192 \\ 107, 328 \\ 57, 142 \\ 71, 714 \\ 47, 110 \\ 146, 016 \\ 185, 181 \\ 1,087, 046 \\ 65, 500 \\ 116, 915 \\ \end{cases}$
$\begin{array}{c} 516 \\ 517 \end{array}$	Charleston Columbia	10,281	$18,395 \\ 11,624$	$48,748 \\ 11,913$	$6,256 \\ 5,296$	$73,399 \\ 39,114$	95,483 47,326
$518 \\ 519$	Greenville	6,044	10, 437		2,637	19,118	21,406
	SOUTH DAKOTA.						
520	Sioux Falls	9,263	55, 963		326	65, 552	68, 297
521	TENNESSEE.		55,000			55,000	55,000
522	Clarksville		b 11.811	17 611	7,953	55,000 19,764 39,173 59,242 219,317 215,131	$\begin{array}{c} 53,000\\ 27,595\\ 41,105\\ 59,246\\ 218,808\\ 215,131 \end{array}$
$523 \\ 524$	Jackson Knoxville		$9,662 \\ 13,863$	$17,511 \\ 40,379$	5,200	39,173 59,242	41,105
525	Memphis.	c 118, 385	88,500		12, 432	219, 317	218, 808
526	Nashville	c 153, 345	61,726		60		

	City.	From State ap- portion- ment or taxes.	From city appropri- ations or taxes.	From county and other taxes.	From all other sources.	Total.	Amount avail- able for use dur- ing the year.
	1	2	- 3	4	5	6	7
	TEXAS.		200 010				
527 528	Austin. Beaumont	\$22,830 15,115	\$36,242 21,937	\$2,178 2,660	\$6,937 188		\$71,145     40,358
529 530	Cleburne Corsicana	11,160	17,489	205 512	689 299	29,543	29,543
531		$9,646 \\ 51,360$	21,937 17,489 20,311 100,378	722	1,546	29,543 30,768 154,006	$31,442 \\184,006$
532 533	Denison El Paso	15,325 18,650	22,946 56,134	237 2,279	912 30,000	39.420	43 033
$534 \\ 535$	Denison. El Paso. Fort Worth. Gainesville.	30,786	52,463 15,723	880	3,142	107,063 86,391 25,155	162,995 118,726 29,995
536	Galveston	7,895 27,815	47,008	4,867	657 1,312	81,002	101,664
537 538	Houston	58,305 11,097	90,000	188 392	453	$\frac{148,946}{11,489}$	163,955 13,739
539 540	Galveston Houston Laredo Marshall Palestine Paris San Antonio Sherman Tyder a	13,475	4,195	471 622	187	18,328	13,739 39,310
541	Paris	12,426 13,490	9,628 16,939	264	1,071 1,200	23,747 31,893	$24,323 \\ 36,007$
542 543	San Antonio	59,324 11,000	101,469 28,000	605	39,836 1,129	31,893 201,234 40,129	262,943 40,129
544	Tyler <sup>a</sup> . Waco.	8,905	15,846 34,500	71	544	25,366	27,991
545	,	20,270	34,500	548	677	55,995	129, 454
~ 10	UTAH.					11. 800	117 000
$546 \\ 547$	Ogden. Salt Lake City	27,891 77,674	66,575 304,474	$15,485 \\ 67,805$	$4,618 \\ 35,242$	114,569 485,195	117,003 502,245
	VERMONT.				ŕ		
548	Barre	2,413	39, 898		1,355	43,666	61,086
$\frac{549}{550}$	Burlington Rutland	2,413 3,503 4,354	55,000 40,943		6,260 898	43,666 64,763 46,195	65,880 48,224
000		4,004	10, 515		090	40,150	10,221
551	VIRGINIA.	7 407	12 200			21,227	21,228
$551 \\ 552$	Alexandria. Danville.	7,427 7,664	13,800 17,000		324	24,988	25,115
$553 \\ 554$	Lynchburg. Manchester	10, 431	36, 700		2,155	49, 286	49,694
$\begin{array}{c} 555\\ 556 \end{array}$	Newport News.	$     \begin{array}{r}       6,448 \\       18,778 \\       11,712 \\      $	$31,926 \\ 74,575$		354	38,728 93,353	$ \begin{array}{r} 40,060\\ 94,266 \end{array} $
557	Petersburg	18,778	1 12.543		440	24 695	24,695
558 559	Portsmouth	8,081 38,338	16, 193 177, 483		3,786	24,274 219,607 47,605	24,335 223,367
560	Alexandria. Danville Lynchburg. Manchester. Newport News. Norfolk. Petersburg. Portsmouth Richmond. Roanoke.	10,104	177,483 36,508		993	47,605	$223,367 \\ 54,374$
	WASHINGTON.						
$\frac{561}{562}$	Ballard.	$29,548 \\ 51,069$	24,677		775	55,000	55,000
563	Bellingham Everett	51,069 41,626		. 73.646	812 9,347	116,097 124,619	121,368 150,359
$\frac{564}{565}$	Spokene	$\begin{array}{c} 231, 519 \\ 115, 154 \\ 135, 337 \end{array}$	381,245	6,072 195,833	4,763 5,089	$\begin{array}{c} 124,619\\623,599\\316,076\end{array}$	$1,031,500 \\ 454,425$
566	Everett Seattle	135, 337	0 175, 631	2,982	6,602 79	317,570 56,296	354, 125
567		31, 513	21, 722	2,982	19	50,290	61,007
	WEST VIRGINIA.		-				
$\frac{568}{569}$	Charleston Huntington * Parkersburg. Wheeling	6,389	53,817		13, 145	73, 351 23, 855	$81,359 \\ 51,072$
570	Parkersburg.	5,085 7,563 22,368	$ \begin{array}{r} 18,770 \\ 70,127 \\ 117,597 \end{array} $	5,484	1,291	84,465	116,221
571	Wheeling	22,368	117, 597		2,036	142,001	154,089
	WISCONSIN.						
$572 \\ 573$	Appleton Ashland	9,620	37,000 73,133	8,877 8,649	18,608 2,000	74,542 93,402	230,105 116,419
$574 \\ 575$	Beloit. Chippewa Falls. Eau Claire.	9,153	44,679	8,496	1,306	63,634	83, 320
576	Eau Claire.	6,823 12,678 12,382	24, 723 71, 498 50, 000	7,300 13,428 9,235	$1,205 \\ 4,809$	$\begin{array}{c} 40,051\\ 102,413\\ 72,745\end{array}$	52, 399 107, 230
577 578	Fond du Lac. Greenbay. Janesville. Kenosha.	12, 382 15, 599	50,000 35,436	9,235 12,636	1, 128 531	64.202	112,835 95,942
579 580	Janesville.	7,911 38,030	35, 010 22, 450	8,193	19,860 2,487	70,974 68,827	71,627 116,580
581	La crosse	19,000	69, 617	5,860 18,503	1,576	109,359	154,732
582	Madison		50,000	10, 427	4, 505	76,112	106,841
	* Statistics of 1903-4.	a	From bienni	ai State sc	noor repoi	t 101 1903 al	IU 1904.

\* Statistics of 1903-4. <sup>b</sup> From city and county.

	City.	From State ap- portion- ment or taxes.	ap- appropri- or ations or s. taxes. and other taxes.		From all other sources.		Amount avail- able for use dur- ing the year.
	1	2	3	4	. 5	6	7
583 584 585 586 587 588 589 590 591 592 593	WISCONSIN—continued. Marinette Merrill. Milwaukee Oshkosh Racine. Sheboygan Stevens Point. Superior. Watertown. Wausau. WYOMING.	15,0456,762207,66818,88522,73919,0488,350	$\begin{array}{c} \$36, 548\\ 32,000\\ 15,000\\ 593,000\\ 43, 879\\ 54, 654\\ a34, 344\\ 174, 313\\ 5, 368\\ 35,000\\ \end{array}$	\$8,360 11,576 7,000 191,946 	\$1, 857 94 606 12, 646 1, 298 4, 883 678 227 2, 661 848 1, 430	$\begin{array}{c} \$55, 313\\ 58, 715\\ 29, 368\\ 1,005, 260\\ 109, 123\\ 126, 501\\ 90, 308\\ 42, 921\\ 207, 571\\ 20, 242\\ 57, 256 \end{array}$	\$72, 722 60, 765 32, 683 1, 384, 366 123, 175 158, 358 148, 427 68, 032 234, 658 38, 062 84, 256
<b>594</b>	Cheyenne	6,282	25,981	7,683	409	40, 355	41,290

a From city and county.

	City.	Perma- nent in- vestments and lasting improve- ments.	Teaching and su- pervision.	Current and inci- dental ex- penses.	Evening schools.	Total.
	1	2	3	4	5	6
	ALABAMA,					
1	Anniston *. Birmingham Huntsville Mobile Montgomery Selma.	\$1,175	\$9,287 65,362	\$1,415 11,669		\$11,877
23	Huntsville.	1,042	8, 810 51, 307	1,040		78, 673 9, 850
$\frac{4}{5}_{6}$	Mobile	49,000	52,323	3,280 10,151		103,587 62,474
6	Selma		14,500	1,500		16,000
-	ARIZONA.					
7	Tucson	•••••	20,070	6,385	•••••	26,455
0	ARKANSAS.	40.070		10.150		00.070
8 9	Fort Smith Hot Springs	40,659 48,000	36,560 * 23,000	$13,153 \\ 7,800 \\ 16,561$		90, 372 78, 800
10 11	Hot Springs Little Rock*. Pine Bluff	$ \begin{array}{r}     48,000 \\     7,526 \\     10,221 \end{array} $	50,448 4,261	$16,561 \\ 1,500$	- \$212	78, 800 74, 747 15, 982
	CALIFORNIA.		-,	-,		
12	Alameda. Berkeley	1,530	$83,603 \\104,987$	19,662	1,018	105,813 133,819
$\frac{13}{14}$	Berkeley Eureka	19,466	104,987 32,115	28,832 10,105		133,819 61,686
15 16	Fresno	7,000	80 557	28 678		116,235
17	Berkeley Eureka Fresno Los Angeles Oakland Pasadena Bizareide	81,591 251,928 72,866	653, 113 296, 860 77, 783	166,973 65,271 20,929	$     \begin{array}{r}       1,800 \\       5,993     \end{array} $	903,477 620,052
$     18 \\     19   $	Pasadena Riverside	72,866	35,084	15.949		171,578 51,033
$\frac{20}{21}$	Sacramento	11,725	$125,352 \\ 68,575$	38,186 23,761 277,985	5,961	$181,224 \\100,360 \\1,405,216$
$\frac{21}{22}$ 23	Riverside Sacramento San Diego San Francisco.		1,080,147	277,985	(a)	1,405,216
$     \begin{array}{c}       23 \\       24 \\       25     \end{array}   $	San Jose Stockton Vallejo	1.5(0	$95,772 \\ 70,949$	$31,143 \\ 27,533$	1,075	$129,560 \\ 102,528$
25	Vallejo	144	25, 796	7,698	b 400	33, 638
	COLORADO.					
$\begin{array}{c c} 26\\ 27 \end{array}$	Colorado Springs Cripple Creek Denver	9,574 7,000	110,804 95,022	45,140		165,518 148,172 1,145,704
28	Denver	254,286	649,826	$46,150 \\ 238,240$	3,352	148,172 1,145,704
29	Leadville Pueblo:	103	34,059	15,578		49,740
30 31	District No. 1. District No. 20	$3,107 \\ 15,240$	69,452 99,080	98,412 29,788		170,971 - 144,108
01	CONNECTICUT.	10, 240	55,000	23,100		- 111,100
32		44, 403	40, 435	10,115	248	95,201
$\frac{33}{34}$	Bridgeport	28, 221	$     \begin{array}{r}       164,111 \\       29,430     \end{array} $	66,225 10,824	1,179	259,736 41,054
35	Ansonia Bridgeport Bristol Danbury Hartford Manchester:	8,000	41,357 273,917	$     \begin{array}{r}       10,824 \\       22,324 \\       220,647     \end{array} $	561	72,242 505,564
36	Manchester:	•••••			11,000	
37 38	Town schools Ninth district	•••••	11,191 21,319	3,132 9,048	923	15,246 30,367 113,465
39 40	Meriden.	13,619	21, 319 73, 293 21, 596	9,048 26,203 11,216	350	113,465 76,057
41	Naugatuck.	43, 243	94 357	11,275	150	40.463
42 43	New Haven	$1,741 \\ 1,500$	68,429 318,791	40 075	2,387 5,621	$112, 632 \\ 429, 745 \\ 55, 608$
44 45	Manchester: Town schools. Ninth district. Meriden. Naugatuck New Britain. New Haven. New London. Norwalk.	7,446	$\begin{array}{c} 68, 429 \\ 318, 791 \\ 45, 783 \\ 48, 362 \end{array}$	103,833 8,737 11,605	5,621 1,088 1,085	55,608 68,498
	ATOI WAIK	1, 110				
46 47	West Chelsea district.		23,530 10,876	5 080	897	$37,622 \\ 15,956$
$\frac{48}{49}$	Stamford	40.318	$73,461 \\ 29,559$	c 30, 420 7,740	(a) 897	104,778 77,617
$\frac{10}{50}$ 51	Vernond. Wallingford (Control district)					
52	Norwich: Central district	49,000	145, 444	93,747	3,306	291, 497
53	willimantic e		23,289	11,268		34,557

## TABLE 9.—Statistics of expenditures of public schools of cities of 8,000 inhabitants and upwards, 1904-5.

a Not reported. b Included in columns 3 and 4.

d Includes city of Rockville. e Included in the town of Windham.

	City.	Perma- nent in- vestments and lasting improve- ments.	Teaching and su- pervision.	Current and inci- dental ex- penses.	Evening schools.	Total.
	1	2	3	4	5	6
54	DELAWARE. Wilmington		\$150, 440	\$85,667	\$1, 192	\$237, 299
	DISTRICT OF COLUMBIA.					
55	Washington	\$289, 503	1,101.552	276, 711	8, 493	1,676,259
	FLORIDA.					
$\frac{56}{57}$	Jacksonville <sup>a*</sup>	2,547 10,571 5,264	71,925 10,995 34,073	$11,041 \\ 1,669$		85,513 23,235
58	Pensacola b*	5,264	34,073	4,099		43, 436 32, 700
59	Tampa	6, 700	25,000	1,000		32,700
	GEORGIA.		01.040			
$\frac{60}{61}$	Athens. Atlanta.	$150 \\ 30,054$	21,346 190,477	$2,512 \\ 17,465$	(c) (c)	24,008 237,996
62	Augusta Bruaswick * Columbus. Macon d.	10,092	60.189	17.629		87,910
$63 \\ 64$	Columbus.	15,069 7,378 6,678	$10,182 \\ 42,719 \\ 74,262$	2, 156 3, 799 9, 207	(c)	27,407 53,896 90,147
65	Macond.	6, 678 6, 617	$74,262 \\ 110,426$	9,207 12,000		90, 147
66	Savannah e	0,017	110, 420	12,000		129,043
	IDAHO.	14 749	41.070	04 501		
67	Boise	14,743	41,676	24,521		80,940
	ILLINOIS.					
68	Alton Aurora:	5,703	34, 106	8, 935	•••••	48,744
69 70	East Side	$5,452 \\ 23,658$	44,878 21,150	18,272		$68,602 \\ 51,227$
71	Belleville.	2,736	35 983	6,419 10,789		49,508
$\frac{12}{13}$	Bloomington	74,785	69,099 32,131 25,788	35,828 11,169		179.712
74	Champaign	$\begin{array}{r} 2,736\\ 74,785\\ 3,111\\ 3,577\end{array}$	25, 788	$11,169 \\ 8,282 \\ 1,990,213$	132, 585	$\begin{array}{c} 46,411\\ 37,647\end{array}$
75 76	Chicago Danville	2,181,601 12,318	5,431,531 41.038	1,990,213 20.759	132, 585	9,735,930 74,115
77	West Side	$12,318 \\ 16,457$	$41,038 \\ 56,901$	20,759 27,474	·····	100,832
78	City proper. North Dixon.	1,090	14, 160	6,393		, 21,643
79 80	North Dixon East St. Louis	$427 \\ 93,714$		4, 152 f 172, 380		12,807 369,234
81	Elgin	14,649	71,917	31, 836		118, 402
82	Evanston: District No. 74 (North Evans-					
83	ton) g	$25 \\ 16,865$	$6,102 \\ 50,786$	3,472 18,581		9,599 86,232
84	District No. 74 (North Evans- ton) g District No. 75. District No. 76 (South Evans- ton). Freeport. Galesburg. Jackson ville. Joliet. Kankakee. Kankakee. Lasalle. Lincoln.	10,000				
85	ton) Freeport	$1,263 \\ 15,047$	25,556 34,372	12,450 21,369		$39,269 \\ 70,788 \\ 162,209$
86	Galesburg	$85,271 \\ 4,000$	51,627	25,311		162, 209
87 88	Joliet.	4,000	45,000 65,909	21,423 39,373	562	70,423 120,417
- 89	Kankakee.	$ \begin{array}{r} 14,573\\ 20,906\\ 7,683\\ 3,369\\ \end{array} $	26,065	$13,965 \\ 14,624$		120, 417 60, 936 48, 916
90 91	Lasalle.	3,369	26,609 18,964	6,336		28,669
92 93	Lincoln.	6, 209	19,938	6,743		32,890
94	Lincoln Mattoon Moline Monmouth	$34,550 \\ 27,182$	$26,716 \\ 63,615 \\ 24,791$	7,537 25,151		34,253 123,316 64,217
$\frac{95}{96}$	Monmouth Ottawa	27,182 28,712	24,791 26,881	25,151 12,244 9,385		64, 217 64, 978
97	Pekin.	6, 446	22 014	8,104	325	36, 564
98 99	Peoria	6,446 28,112 30,665	$     \begin{array}{r}       169,185 \\       69,448 \\       88,162     \end{array} $	84.149	325	281 771
100	Rockford.	39,814	88,162	23,543 35,442		$     \begin{array}{r}       201, 11 \\       123, 656 \\       163, 418 \\       89, 202     \end{array} $
$   \frac{101}{102} $	Rock Island	8,236 53,743	55,641 102,332	25,325 28,685		89,202 184,760
103	Ottawa Pekin Peoria Quincy Rockford Rock Island Springfield Streator Waukegan		30, 558	18,682		49,240 61,418
104	Waukegan	15, 721	32,858	12,839	·····	61, 418

TABLE 9.—Statistics	of expenditures (	of public schools	of cities of	f 8,000 inhabitants and
	upwards,	1904-5-Contin	ued.	

\* Statistics of 1903-4.
a Statistics of Duval County.
b Statistics of Escambia County.
c Not reported.

<sup>d</sup> Statistics of Bibb County. e Statistics of Chatham County. / Includes \$50,625 transferred to sinking fund. ø From biennial school report of Cook County for 1903 and 1904.

~

	City.	Perma- nent in- vestments and lasting improve- ments.	Teaching and su- pervision.	Current and inci- dental ex- penses.	Evening schools.	Total.
	1	2	3	4	5	6
	INDIANA.					
105 106 107	Alexandria Anderson	6 259	\$17, 817 58, 875 19, 543 25, 038 44, 032 25	\$8,011 29,472 14,321 16,157 8,783 9,242 9,242		\$28,362 94,606 33 864
108	Brazil Columbus Elkhart	$90,572 \\ 18,000$	25,038	16, 157		33,864 131,767 70,815 42,718 272,718
109 110	Flwood	9 500	30,976	9,242	[	42,718
111 112	Evansville Fort Wayne	55,843 23,819	156,015 110,221	$     \begin{array}{r}       60,887 \\       37,352     \end{array} $		272,745
113	Evansville. Fort Wayne. Hammond *. Huntington Indianapolis. Jeffersonville. Kokoroo		$\begin{array}{c} 35,410\\ 34,578\\ 561,876\\ 27,399\\ 39,202\end{array}$	22,681 18,530 275,102		58,091 57,057 1,164,754
114 115	Indianapolis	3,949 325,921	34, 578 561, 876	18,530 275,102	\$1,855	57,057
116 117	Jeffersonville Kokomo	$597 \\ 1,400$	27,399 33,896	8,138 21,406		$36,134 \\ 56,702$
118	Lafayette	30,000	53,018	23,970		106,988
119 120	Marion.	$10,000 \\ 16,000$	$37,000 \\ 64,874$	$13,000 \\ 19,434$		60,000 100,308
121 122	Michigan City	$7,500 \\ 25,917$	32,830 55,489	$     \begin{array}{r}       19,434 \\       26,993 \\       28,032     \end{array} $		$\begin{array}{c} 100,308\\ 67,323\\ 109,438\\ 109,811 \end{array}$
123 124	New Albany.	48,706	42,214 24,200	18,891 9,700		109,811
125	Kokomo. Lafayette. Logansport. Marion	13,000	- 57.888	20,247		$33,900 \\ 91,135$
126 127		$\begin{array}{c} 148,530 \\ 19,225 \\ 6,250 \end{array}$	$91,713 \\ 142,807 \\ 26,243$	$\begin{array}{r} 44,270 \\ 46,675 \\ 21,863 \end{array}$	215 -249	284,728 208,956 54,356
128 129	Vincennes. Wabash		26,243 30,568	21,863 12,000	·····	54,356 45,068 •
130	Washington					
	IOWA.					
131	Boone Burlington. Cedar Rapids.	653	29,573 68,418	10,922		41,148 90,405
132 133	Cedar Rapids	37,788	82,584	21,987 39,067	160	159,599
$\frac{134}{135}$	Clinton. Council Bluffs. Davenport.	25,000	53,718 79,553	33,633 37,198		87,351 141,751
136	Davenport Des Moines:	77,913	122,445	$37,198 \\ 48,656$		$141,751 \\ 249,014$
137	Capital Park	6,613	11,500 56,599	4,422		22,535
138 139	East Side	3,719 15,935	171,290	27,668 83,194	500	87,986- 270,919
140 141	Dubuque Fort Dodge	6,543 4,572	77 467	26,802 10,683		110,812 44,498
142 143	Fort Madison		14,286	7,969		$     \begin{array}{r}       44,498 \\       22,255     \end{array} $
144	West Side Dubuque Fort Dodge Fort Madison Iowa City Keokuk Marshaltown	1,192	$29,243 \\ 14,286 \\ 24,797 \\ 37,500$	9,158		47,850
$     145 \\     146   $	Marshalltown. Muscatine. Oskaloosa		38,963	20,828		59,791
147 148	Oskaloosa Ottumwa	3,500	42,746 53,763	13,612 30,737	( <i>a</i> )	56,358 88,000
149	Ottumwa Sioux City Waterloo:	43,805	53, 763 90, 794	30,737 56,709	(a)	191,308
150	East Side	19,941	30, 430	13,201		63, 572
151	West Sidc	6, 051	18,094	8, 801		32,946
150	KANSAS.	1 100	01 550	10,017		22.077
$\frac{152}{153}$	Atchison. Emporia	335	21,756 28,238 22,773	10,017 11,054		32,955 39,627
$154 \\ 155$	Fort Scott.	4,236	22,773 10,243	$3,404 \\ 3,449$		$30,413 \\ 13,692$
156 157	Galena. Hutchinson.	396	10,243 20,980	13.073		34, 449
158	Iola Kansas City Lawrence	$15,000 \\ 50,034$	28,003 126,163 27,868	22,979 50,482 11,705		34, 449 65, 982 226, 679
$159 \\ 160$	Lawrence Leavenworth	4,175 13,364	27,868 34,590	$11,705 \\ *17,657$		$43,748 \\ 65,611$
161 162	Parsons	130	20,161 28,000	9,170 16,000		29,461 69,000
163	Topeka. Wichita	110,876	114,843	49,813		275,532 102,037
164	Wichita	763	66,969	34,305		102,037

# **TABLE 9.**—Statistics of expenditures of public schools of cities of 8,000 inhabitants and upwards, 1904–5—Continued.

\* Statistics of 1903-4.

a Not reported.

.

ED 1905-VOL 1-35

	City.	Perma- nent in- vestments and lasting improve- ments.	Teaching and su- pervision.	Current and inci- dental ex- penses.	Evening schools.	Total.
	1	2	3	4	5	6
	KENTUCKY.					
165 166 167 168 169 170	Bowling Green. Covington. Frankfort. Henderson. Lexington. Louisville. Newport.	\$2,000 8,076 773 		\$912 24,348 2,627 7,787 21,897 107,833	• \$300 	\$17,562 113,405 22,819 37,928 88,565 660,149
171 172 173	Paducah*	2,665 2,500	29,437 35,000	6,513		38,615 50,000
174	LOUISIANA.					13,070
175 176	Baton Rouge a. New Orleans. Shreveport.	5,301 3,000	$428,900 \\ 30,000$	$93,072 \\ 4,750$	1,000	528,273 37,750
177 178 179 180 181 182 183 184 185	MAINE. Augursta b. Bangor. Bath * Biddeford. Lewiston. Portland. Rockland. Waterville.	7,577	33,672 9,242 60,047 25,125 24,953 40,667 16,415 18,712	$20,729 \ 7,031 \ 7,658 \ 11,073$	500 2,000 (d)	45,491 27,024 80,776 34,949 33,111 53,740 ¢178,839 26,435 29,311
186 187 188 189 190	MARYLAND. Annapolis. Baltimore. Cumberland Frederick. Hagerstown.	1,214	9,565 1,091,372 18,471 14,109 22,358	$e \ 6,474 \ 323,268 \ 3,876 \ 2,656$	16,176	$17,253 \\ 1,430,816 \\ 25,091 \\ 16,884 \\ 30,447$
$\begin{array}{c} 191\\ 192\\ 193\\ 194\\ 196\\ 197\\ 200\\ 203\\ 201\\ 202\\ 203\\ 204\\ 205\\ 206\\ 207\\ 208\\ 207\\ 208\\ 207\\ 208\\ 201\\ 212\\ 213\\ 214\\ 212\\ 213\\ 214\\ 212\\ 213\\ 214\\ 212\\ 213\\ 216\\ 217\\ 218\\ \end{array}$	MASSACHUSETTS. Adams. Arlington * Arlington * Attleboro. Beverly. Boston. Brocklon Brookline. Cambridge. Chelsea. Chicopee. Chicopee. Chicopee. Chiton. Danvers. Everett. Fall River. Fitchburg. Framingham Gardner. Gloucester. Greenfield Haverhill. Holyoke. Hyde Park. Lawrence. Leominster 9 Lowell. Lynn. Malden.	24,000 351 39,905 2,472,157 140,603 77,312 	$\begin{array}{c} 28, 876\\ 18, 645\\ 37, 432\\ 35, 245\\ 53, 727\\ 2, 611, 685\\ 126, 690\\ 350, 204\\ 116, 682\\ 39, 372\\ 30, 501\\ 24, 701\\ 103, 660\\ 238, 007\\ 365, 108\\ 35, 438\\ 375, 660\\ 65, 851\\ 27, 621\\ 109, 751\\ 109, 751\\ 133, 359\\ 38, 700\\ 38, 700\\ 38, 576\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 33, 526\\ 34, 647\\ 34, 647\\ 34, 647\\ 35, 647\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ 35, 646\\ $	$\begin{array}{c} 11,043\\ 8,838\\ 12,941\\ 24,321\\ 23,551\\ 552,706\\ 22,652\\ 59,463\\ 152,152\\ 44,702\\ 25,058\\ 16,465\\ 13,295\\ 53,262\\ 114,771\\ 29,387\\ 15,318\\ 19,285\\ 29,610\\ 13,804\\ 44,337\\ 15,015\\ 15,928\\ 16,522\\ 70,739\\ 44,46\end{array}$	$\begin{array}{c} 854\\ \hline \\ 883\\ 1,579\\ 3,050\\ 1,655\\ 11,507\\ 1,655\\ 11,507\\ 1,912\\ 1,880\\ 1,020\\ \hline \\ 1,549\\ 13,460\\ 2,200\\ 2,922\\ 862\\ 1255\\ 366\\ 2,077\\ 4,307\\ 1,237\\ 10,233\\ 1,158\\ 24,982\\ 3,411\\ 3,637\\ \hline \end{array}$	$\begin{array}{c} 41,773\\ 27,483\\ 74,373\\ 60,800\\ 118,762\\ 5,738,2235\\ 169,353\\ 327,811\\ 7591,175\\ 163,366\\ 66,290\\ 66,290\\ 66,290\\ 66,290\\ 66,290\\ 66,290\\ 47,986\\ 38,511\\ 235,445\\ 366,233\\ 129,049\\ 51,348\\ 47,807\\ 103,374\\ 42,687\\ 147,842\\ 191,952\\ 314,404\\ 54,854\\ 371,222\\ 256,160\\ 184,880\\ \end{array}$

## TABLE 9.—Statistics of expenditures of public schools of cities of 8,000 inhabitants and upwards, 1904-5—Continued.

\* Statistics of 1903-4.
a For white schools only.
b For village district only; statistics from the report of the board of school directors for 1905.
c From State school report, 1905.
d Not reported.
c Includes city's proportion of general expenditures for the county.
f Does not include \$1,957 expended for vacation schools.
g From report of the school committee for 1905.

	City.	Perma- nent in- vestments and lasting improve- ments.	Teaching and su- pervision.	Current and inci- dental ex- penses.	Evening schools.	Total.
	1	2	3	4	5	6
	MASSACHUSETTS—continued.					
219	Marlboro		\$41 101	\$16, 192	\$289	\$57 679
220	Medford.	\$3,302	\$41, 191 79, 327 60, 456	26,646	1,000	
221	Medford Melrose		60, 456	22,244		84,999
222	Milford	• • • • • • • • • • • • • •	25,296	12,289 13,576	700	38, 285
$\frac{1}{223}$ 224	New Bedford	74,393	28,918 183,634	72,040	9,153	42,494 339,220
225	Newburyport	4,439	32,597	$72,040 \\ 12,775$	273	50,084
226 227	Newton	9,918	172, 477	58,646	1,468	242, 509
228	Northampton	6,799 85,000	61,388 52.067	25,037 23,664	1,800 1,062	95,024 161,793
229	Peabody	93,659	52,067 31,532 64,791	11,210	646	161,793 137,047 164,086
$230 \\ 231$	Pittsfield	63,438 30,280	64,791	35,101 12,343	756	164,086 71,550
232	Quiney	30,200	28,936 85,829	25, 428		$71,559 \\ 111,257$
232 233	Melrose Milford Natick. New Bedford Newburyport Newton North Adams. Northampton Peabody Pittsfield Plymouth Quincy Revere Salem Somerville.	16,620	48,317 100,824	21,705 32,607		86,642
$\frac{234}{235}$	Salem	758 41,912	100,824 246,215	32,607 57,812	$1,997 \\ 11,877$	136,187 357,816
236 237	Southbridge	1,933	14,042	8,542	687	25,204
237	Springfield		278,319 87,925	126,287 33,945	14,433	419,039
$\frac{238}{239}$	Wakefield	$^{6,221}_{1,532}$	87,925 41,268	33,945 10,579	a 1,716	129,807 53,379
240	Waltham	700	71,197	37,510	1,964	111.371
$\begin{array}{c} 241 \\ 242 \end{array}$	Ware.	2,013	20,613 37,009	11,637	(1)	$34,263 \\ 47,024$
242 243	Salem. Somerville. Southbridge. Springfield. Taunton. Wakefield. Watham. Watertown. Westertown. Wester. Westfield.	2,396 748	37,009 15,135	7,619 8,269	(b) 601	47,024 24,753
244	Westfield		43,643	19,032	266	65,250
$\frac{245}{246}$	Weymouth.	$1,200 \\ 3,372$	34,440	13,618	150	49,408
240	Westfield. Weymouth Woburn. Woreester	38,411	44,308 452,455	$15,304 \\ 137,888$	.25,654	$63,612 \\ 654,407$
	MICHIGAN.	, i				,
248	Adrian	6,000	23,730	4,500		34,230
249	Alpena c		$19,750 \\ 47,865$			$34,230 \\ 34,003$
$250 \\ 251$	Ann Arbor	$10,480 \\ 66,554$	47,865 56,261	$23,117 \\ 24,475$		81,462 147,200
252 253	Alpena c. Ann Arbor Battle Creek Bay City. Calumet school district Detroit Eccence ba		65,440 87,473 797,747 27,551 200	30,655	265	147,29096,360130,7121,085,331
253	Calumet school district	$5,601 \\ 24,712$	87,473	37,638 256,616	(b) 6,256	130,712
$\frac{254}{255}$	Detroit. Escanaba Flint Grand Rapids. Holland. Iron Mountain Iron wood Ishpeming d. Jackson. Kalamazoo. Lansing	24,712 1,345	27.551	256,616	0,250	40.315
256	Flint	22,671	30,422	26,035		85,128
257 258	Grand Rapids	10,702 2,202 9,876	285,414 18,130	110,413	500	85,128 407,029 27,040
259	Iron Mountain	2,202 9,876	37, 858	6,708 12,711		60,445
260	Ironwood		29,734	33,001		62,735
261 262	Ishpeming d	$1,151 \\ 18,800 \\ 140,331 \\ 14,014$	41,516 58,169	24,393 28,269 39,795		67,060 105,238
263	Kalamazoo	140,331	69,595	39,795	500	105,238 250,221
264	Lansing.	14,014	47,358	21,379	409	82,751
265 266	Manuette.	12.296	$36,879 \\ 31,086$	$12,336 \\ 14,188$	409	$49,624 \\ 57,570$
266 267	Menominee.	$12,296 \\ 6,379 \\ 12,296 \\ 6,379 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,296 \\ 12,$	31,762	10.865		$57,570 \\ 49,006$
268 269	Manistee. Marquette. Menominee Muskegon Owosso. Deattice	15,648	58,111	31,696 19,069	a 157	105,612
209	Pontiae.	2,284	24,297 22,563	18,500		$43,366 \\ 43,347$
270 271	Port Huron	100	41,280	23, 528		43,347 64,908
272	Saginaw: East Side	28,568	80,774	42,783		152,125
273	West Side	23,865	42,258	19,338		85,461
$\begin{array}{c} 274 \\ 275 \end{array}$	Sault Ste. Marie	12,000	34,540	20,000		66,540
275	West Side. Sault Ste. Marie Traverse City. West Bay City.	19,747	28,000 29,434	$4,700 \\ 21,576$		
	MINNESOTA.	,				,
977			21 201	e 20 167		51 859
277 278	Brainerd. Duluth.	76,110	31,391 196,825	$e 20,467 \\ 137,276$		51,858 410,211
279	Faribault	1,857	19,431	7.367		28,655
280 281	Faribault Mankato Minneapolis	2,140 121,085	22,599 766,126	14,720     243,584		39,459 1,130,795
a L	or salaries only.	u F I	om annual I	opore or ene	e school direc	001, 100%

 TABLE 9.—Statistics of expenditures of public schools of cities of 8,000 inhabitants and upwards, 1904-5—Continued.

a For salaries only. b Not reported. c From State school report, 1904.

d From annual report of the school director, 1904. e Includes \$1,976 paid to sinking fund.

	City.	Perma- nent in- vestments and lasting improve- ments.	Teaching ond su- pervision.	Current and inci- dental ex- penses.	Evening schools.	Total.
	1	2	3	4	5	6
	MINNESOTA-continued.					
282 283 284 285	St. Cloud St. Paul Stillwater Winona	\$1,000 79,087	22,304 492,972 28,931 55,805	\$7,080     160,854     16,704     21,112		\$30, 384 732, 913 45, 635 76, 917
286 287 288	MISSISSIPPI. Jaekson. Meridian. Natchez. Vicksburg *.	392	21,720 27,152 16,688	$3,458 \\ 3,834 \\ 1,722$		25,178 31,378 18,410
289	6 V		23, 484	••••••		
290 291 292 293 294 295 296 297 298 299 300 301	MISSOURI. Carthage. Hannibal. Jefferson City <sup>a</sup> . Joplin <sup>b</sup> . Kansas City. Moberly <sup>a</sup> . St. Charles <sup>a</sup> . St. Joseph. St. Joseph. St. Louis. Sedalia. Springfield. Webb City.	$\begin{array}{c} 54,822\\ 117,871\\ 33,569\\ 4,259\\ 158,781\\ 33,569\\ 1,308\\ 86,529\\ 777,701\\ 2,725\\ 6,642\\ 2,893\end{array}$	$\begin{array}{r} 27,125\\ 32,434\\ 13,589\\ 51,966\\ 625,332\\ 13,589\\ 10,250\\ 153,840\\ 1,418,640\\ 35,855\\ 42,268\\ 14,414\end{array}$	$\begin{array}{c} 6,186\\ 15,435\\ 4,980\\ 11,304\\ 330,782\\ 4,980\\ 3,293\\ 94,805\\ 644,086\\ 14,381\\ 12,518\\ 4,341\\ \end{array}$	\$18,139	$\begin{array}{c} 88,133\\ 165,740\\ 52,138\\ 67,529\\ 1,114,885\\ 14,851\\ 335,174\\ 2,858,566\\ 52,961\\ 61,428\\ 21,648\end{array}$
302 303 304 305	MONTANA. Anaeonda. Butte Great Falls. Helena.	65.822	183, 294 52, 139 56, 870	91, 577 25, 053 31, 594		55,000 340,693 83,489 92,569
306 307 308 309 310	NEBBASKA. Beatrice	$55,260 \\ 18,940 \\ 66,043 \\ 133,117$	$\begin{array}{r} 23,500\\ 18,930\\ 121,530\\ 314,373\\ 93,717\end{array}$	$9,000 \\10,240 \\52,165 \\329,282 \\32,036$	207 3,759	$\begin{array}{c} 32,500\\ 84,430\\ 192,842\\ 713,457\\ 258,870\end{array}$
311	NEW HAMPSHIRE. Berlin	3,904	14,969	7,553		26, 426
$312 \\ 313 \\ 314 \\ 315 \\ 316 \\ 317 \\ 318 \\ 319 \\ 320$	Concord: Union district Penacook district No. 20 Dover Keene (Union district) Laconia Manchester Nashua Portsmouth Rochester	10, 803 14, 514  1, 460 5, 739 93, 446	$\begin{array}{c} 45, 693\\ 3, 510\\ 24, 810\\ 22, 255\\ 17, 148\\ 99, 619\\ 46, 879\\ 37, 459\\ 15, 899\end{array}$	$\begin{array}{c} 26,878\\ 2,074\\ 12,163\\ 11,237\\ 7,196\\ 41,841\\ 18,720\\ .14,634\\ 8,727\end{array}$	671 	$\begin{array}{c} 83, 374\\ 20, 098\\ 37, 644\\ 33, 492\\ 24, 344\\ 144, 447\\ 71, 838\\ 145, 539\\ 24, 660\\ \end{array}$
321 322 323 324 325 326 327 328 329 330 331 332 333 334 335	NEW JERSEY. Atlantic City. Bayonne. Bloomfield. Bridgeton. Camden. East Orange. Elizabeth b. Harrison b. Hoboken. Jersey City. Kearney. Long Branch. Millville. Montelair. Morristown.	91,050 56,008 159,076 117,565 8,297 1,196 357,270 5,664 8,799 178		11,110		$\begin{array}{c} 214,660\\ 217,212\\ 70,213\\ 31,383\\ 470,483\\ 255,427\\ 139,794\\ 26,802\\ 218,325\\ 1,024,468\\ 54,402\\ 80,199\\ 32,865\\ 54,402\\ 80,199\\ 32,865\\ 131,047\\ 40,485\end{array}$

TABLE 9.—Statistics	expenditures of public schools of cities of 8,000 inhabitant	s and
	upwards, 1904-5-Continued.	

,

\* Statistics of 1903-4. *a* From State school report, 1905.

<sup>b</sup> From State school report, 1904.
 <sup>c</sup> Expenditure of \$1,052 included in columns 3 and 4.

	City.	Perma- nent in- vestments and lasting improve- ments.	Teaching and su- pervision.	Current and inci- dental cx- penses.	Evening schools.	Total.
	1	2	3	4	5.	6
336	NEW JERSEY—continued.	\$201,292	6600 041	0001 000	\$56,080	@1 961 949
337	Newark. New Brunswick. Orange	6201,252	$\$822,041 \\ 41,318 \\ 75,000$	$$281,830 \\ 18,741$	1,172	\$1,361,243 61,231
338 339	Orange. Passaic	55,600 19,159	75,000 94,317	26,000 39,905	5,233	156,600 158,614
340 341	Paterson	39,215	251,015	86.972	5,233 7,928	385,130 115,704 58,375
342	Phillipsburg	39,215 57,885 1,336	42,447 36,764	$15,372 \\ 19,501$	774	
343 344	Rahway	51,015	$58,789 \\ 20,547$	$30,259 \\ 10,965$		140,063 31,512
$\frac{345}{346}$	Town of Union Trenton	$4,165 \\ 32,293$	$38,825 \\ 168,107$	$18,896 \\ 53,596$	5,551	31,512 61,886 259,547
347	Orange. Paissaic. Paterson. Perth Amboy. Philipsburg. Plainfield. Rahway. Town of Union. Trenton. West Hoboken.	689	43,692	17,659		62,040
	NEW YORK.					
348 349	Albany. Amsterdam.	1,148	232,489	86,653	5,719	326,009
350	Amsterdam.	15,189 6,256	$\frac{42,822}{74,424}$	2,527 32,859		
351 352	Auburn. Batavia. Binghamton. Buffalo.	10,933	24,555 112,243 958,582	9,303	1,729	44,791 145,155
$\frac{353}{354}$	Buffalo Cohoes	$4,041 \\182,421 \\7,154$	$958,582 \\ 36,762$	$27,142 \\ 356,271 \\ 10,321$	$18,803 \\ 506$	1,510,077
	Coming					54,743
355 356	District No. 9. District No. 13. Cortland. Dunkirk. Elmira.		18,292	8,000		26,292
357 358	Cortland	1,496 1,300	18,400 31,029	2,005 14,228		21,901
359	Elmira	7,359	31,029 89,444	14,228 28,328	496	46,557 125,627
$\frac{360}{361}$	Glens Falls.	15,884	31,004	8,732		55,620
362 363	Geneva. Gloversville. Hornellsville. Hudson. Jamestown. Jamestown.	2,367	$41,201 \\ 33,179$	14,573 14,476		$58,141 \\ 47,655$
$\frac{364}{365}$	Hudson.	2,271 3,167 11,274	18,122 39,513	3,980		24,373
366	Jamestown.	11,274	66,845	30,801		60,925 113,950
367 368	Jamestown Johnstown Kingston Lansingburg Little Falls* Lockport Middletown Mount Vernon Newburgh New Rochelle New York Niagara Falls North Tonawanda Ogdensburg Olcan school district Oswego Peekskill: District No. 7 (Drum Hill)	$1,043 \\ 1,053$	$25,324 \\ 64,569$	$9,891 \\ 26,046$		36,258 91,668
369 370	Lansingburg	7,821	$36,278 \\ 18,575$	$13,382 \\ 11,105$		91,668 57,481 34,530
371	Lockport.	7,544	45,176	17,930 13,732		70,650
372 373	Mount Vernon	34,841	33,667 94,473	40, 098	379	54,071 176,391
$\frac{374}{375}$	Newburgh New Rochelle	6,484 2,054	- 63, 510 83, 478	$25,944 \\ 45,594$	$764 \\ 488,911$	95.938
376 377	New York.	10, 546, 333	$\begin{array}{r} 83,478\\16,308,249\\66,274\end{array}$	4,975,212 36,286	488, 911	$\begin{array}{r} 131,890\\32,318,705\\115,311\end{array}$
378	North Tonawanda	941	35,220	24,709	792	60,870
379 380-	Olcan school district	$2,114 \\ 968$	27,480 34,425	12,508 17,221		$\frac{42,102}{52,614}$
381	Oswego Peekskill:		42, 206	14, 849		57,055
382	District No. 7 (Drum Hill)	3,963	15, 197	6,502		25,662
383 384	Plattsburg	863 1,820	$11,560 \\ 25,119 \\ 25,639$	3,859 8,136		$16,282 \\ 35,075$
385 386	Port Jervis. Poughkeepsie	368 17,442	25,639 56,500	$10,491 \\ 40,458$	480	36,498 114,880
387 388	Rochester	218,820 2,027	417.162	151.478	22,064	809.524
389	Saratoga Springs.	2,027 6,228	29,066 35,381	10,465 12,333	1,373	41,558 53,942
$\frac{390}{391}$	Schenectady	98,951 8,424	96,546 351,359	19,603 109,802	1,373 3,969	216,473 473,554
392 393	Peekskill: District No. 7 (Drum Hill) District No. 8 (Oakside) Plattsburg. Port Jervis. Poughkcepsie. Rochester. Rome. Saratoga Springs. Schenectady. Syracuse. Troy. Utica. Watertown. Watertown. Watertown. Watervliet. White Plains. Yonkers.	23, 266	351, 359 141, 728 157, 227	109,802 39,224 68,768	$1,854 \\ 810$	182,806 250,071
394 395	Watertown	31,808	56,794 27,260 33,661	31,424	300	120, 326
396	White Plains.	2,850	33, 661	8,230 27,968	487	38,340 62,116
397	Yonkers	90, 433	217, 120	57,663	6,150	371, 366
	NORTH CAROLINA.					0.0 105
398 399	Asheville Charlotte	3,669	$24,934 \\ 24,688$	4,834 1,393	( <i>a</i> )	33,437 b 29,178 11,750
400	Charlotte Concord		10,500	750	)	
	* Statistics of 1903–4. a 2	Not reported	. b	Includes und	listributed It	ems.

.

 TABLE 9.—Statistics of expenditures of public schools of cities of 8,000 inhabitants and upwards, 1904-5-Continued.

	City.	Perma- nent in- vestments and lasting improve- ments.	Teaching and su- pervision.	Current and inci- dental ex- penses.	Evening schools.	Total.
1	, 1	2	3	4	5	6
	NORTH CAROLINAcontinued.					
$\begin{array}{r} 401 \\ 402 \\ 403 \\ 404 \\ 405 \\ 406 \end{array}$	Durham. Greensboro * . Newbern. Raleigha Wilmington. Winston * NORTH DAKOTA.	\$4,000	$$29,000 \\ 16,000 \\ 8,000 \\ 23,209 \\ 21,320 \\ 14,985$	\$3,000 3,000 1,000 7,637 3,000 2,325		\$32,000 23,000 19,000 31,229 24,320 17,310
407 408	Fargo Grand Forks	$18,901 \\ 40,510$	$37,363 \\ 27,966$	$16,572 \\ 23,091$		72,836 91,567
$\begin{array}{c} 409\\ 410\\ 411\\ 412\\ 413\\ 414\\ 415\\ 416\\ 417\\ 420\\ 420\\ 422\\ 423\\ 422\\ 422\\ 422\\ 422\\ 422\\ 422$	OHIO. Altron. Alliance. Ashtabula. Bellaire. Cambridge. Cambridge. Canton Chillicothe & Clucinnati. Cleveland. Columbus. Dayton East Liverpool. Elyria. Findlay & Fremont. Hamilton. Ironton *. Lancaster. Lima. Lorain. Mansfield. Marietta & Mariota. Marietta & Mariota. Portsmouth. Sandusky. Springfield. Steubenvile	16,776 15,000  1,873 39,406 42,912	$\begin{array}{c} 141,083\\23,760\\24,268\\17,659\\90,052\\96,968\\86,800\\815,719\\1,355,601\\388,682\\272,416\\337,966\\30,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,180\\330,$	17,801 17,002 13,142 18,649 16,000 16,297 15,852 30,970 17,142	\$797 	$\begin{array}{c} 224, 507\\ 42, 925\\ 48, 863\\ 43, 046\\ 28, 416\\ 134, 532\\ 58, 674\\ 1, 130, 400\\ 2, 367, 221\\ 602, 855\\ 397, 487\\ 79, 887\\ 79, 887\\ 79, 887\\ 79, 887\\ 73, 341\\ 28, 372\\ c 114, 245\\ 34, 819\\ 76, 771\\ 132, 728\\ 139, 868\\ 106, 529\\ 68, 911\\ 54, 583\\ 53, 854\\ 51, 942\\ 99, 959\\ 47, 740\\ 78, 473\\ 57, 544\\ 149, 539\\ 958, 638\\ 40, 000\\ 91, 221\\ 39, 699\\ \end{array}$
$     \begin{array}{r}       442 \\       443 \\       444 \\       445 \\       446 \\       446     \end{array} $	Xenia. Youngstown. Zanesville*	28,304 4,000 11,500	30,668 15,082 28,428 122,419 56,140	9,031	(d)	39, 699 50, 394 46, 254 189, 968 90, 979
447 448	OKLAHOMA. Guthrie Oklahoma City	60,000	65,000	12,500		e 137, 500
449 450	OREGON. Astoria Portland	135,916	16, 868 229, 254	13,660 77,153	(d)	30, 528 442, 32 <b>3</b>
451 452 453 454 455 455	PENNSYLVANIA. Allegheny. Allentown. Altoona. Beaver Falls. Braddock. Bradford.	165,67830,659124,65648,4284,535	303, 614 78, 268 83, 418 24, 184 38, 901 37, 835	$170, 335 \\ 31, 845 \\ 40, 704 \\ 18, 831 \\ 58, 523 \\ 22, 551$	1,990 1,200	$\begin{array}{c} 641,617\\ 141,972\\ 248,778\\ 43,015\\ 145,852\\ 64,921 \end{array}$

TABLE 9.—Statistics	expenditures of public schools of cities of 8,000 inhal	bitants and
	upwards, 1904–5—Continued.	

\* Statistics of 1903-4. *a* From biennial State school report for 1903 and 1904. *b* From State school report, 1904. *c* Interest not included. *d* Not reported. *e* Approximately.

.

#### CITY SCHOOL SYSTEMS.

	City.	Perma- nent in- vestments and lasting improve- ments.	Teaching and su- pervision.	Current and inci- dental ex- penses.	Evening schools.	Total.
	1	2	3	4	5	6
	PENNSYLVANIA-continued.	-				
$\begin{array}{c} 457\\ 458\\ 459\\ 460\\ 462\\ 463\\ 404\\ 405\\ 404\\ 405\\ 406\\ 407\\ 472\\ 474\\ 472\\ 474\\ 472\\ 476\\ 477\\ 478\\ 477\\ 478\\ 480\\ 481\\ 482\\ 483\\ 485\\ 485\\ 485\\ 485\\ 485\\ 485\\ 485\\ 485$	Butler. Carbondale Carlisle. Chambersburg. Chester. Columbia Danville. Dubois. Dummore b. Duquesne. Easton. Easton. Erie. Harlisburg. Hazleton. Homestead Johnstown Lancaster. Lebanon. McKeesport. Mahanoy City. Meadville. Mount Carmel. Nantiloke b. Newcastle. Norristown Oil City b. Phoenixville. Phoenixville. Phoenixville. Phoenixville. Phoenixville. Phoenixville. Phoenixville. Staton. Shamokin. Sharon. Shanodah. South Bethlehem. Steelton. Sunbury. Titusville. Warce. Warken. Sunbury. Washington b. Westchester. Wilkinsburg. Wilkinsburg. Wilkinsburg. Wilkinsburg. Wilkinsburg. Wilkinsburg. Wilkinsburg. Wilkinsburg. Wilkinsburg. Wilkinsburg. Wilkinsburg. Wilkinsburg. Wilkinsburg. Wilkinsburg. Wilkinsburg. Wilkinsburg.	$\begin{array}{c} 4,725\\ 33,467\\ 3,765\\ 7,79\\ 3,180\\ 504\\ 45,471\\ 14,331\\ 34,800\\ 7,652\\ 779,992\\ 2,000\\ 2,000\\ 2,000\\ 2,202\\ 2,240\\ 9,959\\ 149,338\\ 119,588\\ 17,184\\ 42,781\\ 32,910\\ 1,942\\ 1,595\\ 7,144\\ 42,781\\ 32,910\\ 1,942\\ 1,595\\ 9,829\\ 0,829\\ 2,248\\ 1,718\\ 32,910\\ 1,942\\ 2,52\\ 2,008\\ 4,682\\ 52,824\\ 2,824\\ 2,824\\ 2,824\\ 2,824\\ 2,824\\ 3,822\\ 2,824\\ 3,824\\ 3,822\\ 3,824\\ 3,824\\ 3,824\\ 3,824\\ 3,824\\ 3,824\\ 3,824\\ 3,824\\ 3,824\\ 3,824\\ 3,824\\ 3,824\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,844\\ 3,8$	$\begin{array}{c} \$35, \$81\\ \$6, \$08\\ 17, 257\\ 16, \$856\\ 72, 478\\ 19, 942\\ 17, 397\\ 18, 506\\ 28, 518\\ \$1, 598\\ 66, 406\\ 118, 577\\ 123, 364\\ 34, 137\\ 36, 854\\ 95, 862\\ 60, 700\\ 22, 366\\ 33, 418\\ 577\\ 123, 364\\ 34, 137\\ 36, 854\\ 95, 862\\ 60, 700\\ 27, 346\\ 18, 814\\ 23, 858\\ 69, 315\\ 45, 645\\ 39, 335\\ 3, 047, 350\\ 16, 908\\ 867, 637\\ 21, 814\\ 18, 706\\ 33, 476\\ 61, 908\\ 867, 637\\ 21, 814\\ 18, 706\\ 33, 476\\ 61, 908\\ 867, 637\\ 21, 814\\ 18, 706\\ 33, 476\\ 61, 908\\ 867, 637\\ 21, 814\\ 18, 706\\ 33, 476\\ 63, 195\\ 36, 104\\ 27, 627\\ 29, 361\\ 27, 627\\ 22, 602\\ 25, 986\\ 22, 986\\ 22, 986\\ 22, 986\\ 22, 986\\ 22, 986\\ 24, 153\\ 40, 349\\ 26, 846\\ 116, 542\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, 748\\ 45, $	$\begin{array}{c} 12, 986\\ 16, 890\\ 64, 963\\ 67, 460\\ 64, 963\\ 67, 460\\ 84, 110\\ 14, 145\\ 20, 201\\ 51, 958\\ 88, 221\\ 37, 465\\ 78, 894\\ 8, 120\\ 15, 989\\ 9, 399\\ 14, 346\\ 81, 200\\ 15, 989\\ 9, 399\\ 14, 346\\ 81, 200\\ 6, 190\\ 578, 467\\ 22, 933\\ 9, 663\\ 21, 540\\ 80, 852\\ 143, 973\\ 9, 663\\ 21, 540\\ 80, 852\\ 143, 973\\ 9, 663\\ 21, 540\\ 80, 852\\ 143, 973\\ 16, 629\\ 20, 161\\ 13, 191\\ 13, 191\\ 13, 191\\ 13, 155\\ 55, 583\\ 4, 875\\ 55, 597\\ 16, 801\\ 31, 430\\ 50, 399\\ \end{array}$	(a) (a) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	
$500 \\ 507 \\ 508 \\ 509 \\ 510 \\ 511 \\ 512 \\ 513 \\ 514 \\ 515$	Central Falls. Cranston. Cumberland East Providence. Lincoln. Newport. Pawtucket. Providence. Warwick. Woonsocket.	$\begin{array}{r} 291\\ 50,000\\ 5,786\\ 11,524\\ 1,680\\ 408\\ 9,517\\ 163,863\\ \hline 457\end{array}$	$\begin{array}{c} 31,848\\ 39,868\\ 22,066\\ 32,008\\ 17,051\\ 84,895\\ 116,210\\ 509,559\\ 37,648\\ 54,593\end{array}$	$\begin{array}{c} 12,439\\ 17,460\\ 8,115\\ 14,402\\ 7,105\\ 33,826\\ 51,481\\ c264,442\\ 277,852\\ 29,223\end{array}$	1,099 276 1,179 5,127 38,689 1,543	$\begin{array}{r} 46,925\\107,328\\37,066\\58,210\\25,836\\120,308\\182,335\\976,553\\65,500\\85,816\end{array}$
510	SOUTH CAROLINA.	201	0 1,000		2,220	
$516 \\ 517 \\ 518$	Charleston. Columbia. Greenville. Spartanburg.	3, 579 13, 445	$57,380 \\ 21,523$			68, 976 38, 280
519	spartanburg « Not reported.	3,629	16, 318	1,053 neluding inte	erest.	21,000

# TABLE 9.—Statistics of expenditures of public schools of citics of 8,000 inhabitants and upwards, 1904-5—Continued.

<sup>b</sup> From State school report, 1905.

	City.	Perma- nent in- vestments and lasting improve- ments.	Teaching and su- pervision.	Current and inci- dental ex- penses.	Evening schools.	Total.
	· 1	2	3	4	5	6
	SOUTH DAKOTA.			1.		
20-	Sioux Falls	\$20, 520	\$37,536	\$5, 429		\$63, 485
	TENNESSEE.				. 1	
21	Chattanooga Clarksville	6.000	50,366 16,026 22,378 50,036	2,640		53,006
$\frac{22}{23}$	Jackson.	$^{6,000}_{6,122}$	22.378	$1,824 \\ 6,111$		23,850 34,611
24	Knoxville	200	50,036	8,995		59,231
25	Memphis Nashville	43, 346	152,073	58,236	\$1,852	255,507
26		9,905	153, 938	26, 522	417	190, 782
27	TEXAS. Austin	a 12,292	45, 995	6,293		64 580
28	Beaumont		$\begin{array}{r} 45,995\\29,743\\20,337\\22,200\\122,866\\952\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,852\\22,8$	5,508		64, 580 35, 251 28, 996 28, 275 181, 084
29 - 30 -	Cleburne Corsicana	$1,800 \\ 2,000$	20, 337	6,859 4,075		28,996
31	Dallas	2,000	122,200 122,866	35, 593	625	181.084
32	Denison	7,114	20,053			33,107
33 34	El Paso	21,039	55,770 69,030	12,566 37,276		89, 375 106, 306
35	Gainesville*	635	21,265	4,494		26,394
36	Galveston		$21,265 \\ 61,894$	11,981		73,875
37- 38-	Houston	25,647	134,472	3,836 1,900		163,955
39.	F) raso Fort Worth. Galveston Houston Laredo * Marshal Palestine.	18, 515	$134,472 \\ 11,534 \\ 13,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ 10,546 \\ $	6, 482 700		$ \begin{array}{r} 103, 933\\ 13, 434\\ 38, 543\\ 20, 248\\ 33, 705\\ 207, 572\\ 7, 572 \end{array} $
40	Palestine	500	19,048 25,171 130,664	700		20,248
41 42	Paris San Antonio	52,098	25,171	<sup>b</sup> 8,534 24,810		33,705
43	Sherman	3,500	35,700 17,044	1,300	·····	40, 500
44 45	Tyler c. Waco.	7,824 9,980	$17,044 \\ 55,587$	2,949 7,886		27, 817 73, 453
10	UTAH.	0,000	00,001	1,000		10, 100
46		21,199	58,706	37,098	(d)	117,003
47	Ogden. Salt Lake City	76,082	243, 730	133, 897		453, 709
	VERMONT.					
48	Barre. Burlington	23,957 207	$20,065 \\ 41,148$	7,609 23,933	( <i>d</i> )	51,631
49 50	Rutland		33,718	11,872	()	65,288 45,590
- 8	VIRGINIA.					
51	Alexandria. Danville		17,163	3,950		21,113
52 53	Danville	2,712	21,453 40,208	3, 559 6, 042		25,012 48,962
54	Danvnie Lynchburg. Manchester Newport News. Norfolk. Petersburg. Portsmouth Bichground	2,712	40, 208	0,042		40, 902
55	Newport News	2,936	25,275	6,589	(d)	34,800
56 57	Norfolk.	5, 538	66,259 19,208	$13,980 \\ 5,487$	(d)	85, 777 24, 695
58	Portsmouth		20, 162	4,030		24,055
59	Itioninond		148, 426	31,796		24,192 223,264
660	Roanoke	3, 626	36, 881	7,534		48,041
61	WASHINGTON. Ballard		34, 549	e 20 179		54 798
562	Bellingham	34, 314	58,965	e 20, 179 14. 765		54,728 108,044 137,056 823,155
563	Bellingham Everett Seattle	$34,314 \\ 65,395$	58,965 36,286	35.375	( <i>d</i> )	137,056
64	Seattle	209,862 133,469	$345,622 \\194,791$	267, 671 119, 358	( <i>d</i> )	823, 155 447, 618
565 566	Tacoma	133,409 70,574	194, 791 169, 103	87,463		327,140
567	Tacoma. Walla Walla	28,703	13,796	14,942		57, 441

TABLE 9.—Statistics	of expenditures	of public school	ls of cities	of 8,000	inhabitants and
	upward	s, 1904–5–Cont	inued.		

\*Statistics of 1903-4. *a* Includes expenditure for manual training in high school. *b* Includes permanent investments. *c* From biennial State school report for 1903 and 1904. *d* Not reported. *e* Does not include interest.

 $500^{-1}$ 

- 48

	City.	Perma- nent in- vestments and lasting improve- ments.	Teaching and su- pervision.	Current and inci- dental ex- penses.	Evening schools.	Total.
0	1	2	3	-1	5	6
	WEST VIRGINIA.		¢			
568 569 570 571	Charleston Huntington* Parkersburg Wheeling			\$16, 837 8, 365 13, 880 35, 652		
572 573 574 575 575 577 578 580 581 582 583 584 585 584 585 588 588 590 591 592 593	WISCONSIN. Appleton Ashland Beloit Chippewa Falls. Eau Claire. Fond du Lac Greenbay Janesville. Kenosha La Crosse. Madison Marinette Merrill. Milwaukee. Oshkosh Racine. Sheboygan Stevens Point Superior. Watertown. Wausau. WYOMING.		$\begin{array}{c} 44, 617\\ 43, 579\\ 38, 023\\ 21, 707\\ 57, 573\\ 41, 111\\ 47, 696\\ 34, 431\\ 24, 469\\ 77, 311\\ 53, 595\\ 35, 718\\ 39, 923\\ 22, 111\\ 750, 578\\ 73, 725\\ 95, 257\\ 63, 387\\ 22, 751\\ 117, 031\\ 14, 605\\ 43, 200\\ \end{array}$	$\begin{array}{c} 56,641\\ 13,458\\ 18,406\\ 7,300\\ 27,055\\ 15,714\\ 13,305\\ 11,656\\ 24,712\\ 29,149\\ 21,951\\ 17,707\\ 13,862\\ 7,251\\ 173,151\\ 21,763\\ 30,041\\ 12,336\\ 10,339\\ 48,257\\ 6,102\\ 13,983\\ 13,983\\ \end{array}$	5546	$\begin{array}{c} 175, 556\\ 107, 537\\ 71, 429\\ 31, 807\\ 93, 689\\ 86, 825\\ 91, 585\\ 59, 399\\ 94, 181\\ 107, 642\\ 103, 094\\ 59, 155\\ 31, 084\\ 993, 729\\ 113, 477\\ 125, 298\\ 82, 608\\ 49, 451\\ 216, 712\\ 25, 987\\ 55, 987\\ 55, 987\\ 57, 183\\ \end{array}$
594	Chevenne	2,719	25,764	9,395		- 37,878

 
 TABLE 9.—Statistics of expenditures of public schools of cities of 8,000 inhabitants and upwards, 1904-5—Continued.

\* Statistics of 1903-4.

	ing		г	'eachei	rs.		Puj	pils.		e.	ols a y
	Number of cities reporting evening schools.	Number of schools.	Men.	Women.	Total.	Men and boys.	Women and girls.	Not reported as to sex.	Total.	Average daily attendance.	Pupils of evening schools not attending day schools.
United States a	180	922	2,593	3,979	6,572	177, 474	77,541	37, 304	292, 319	107,375	285, <mark>671</mark>
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	$     \begin{array}{r}       125 \\       8 \\       28 \\       11     \end{array} $	702 31 13 153 23	$2,049 \\ 95 \\ 19 \\ 363 \\ 67$	3,243 84 34 544 74	$5,292 \\ 179 \\ 53 \\ 907 \\ 141$	$138,616 \\ 1,874 \\ 1,828 \\ 27,213 \\ 7,943$	$1,003 \\ 401 \\ 8,870$	6, 645 65	2,229 36,148	a82, 461 a3, 232 734 17, 760 3, 188	a229, 599 a9, 522 2, 192 a35, 282 a9, 076
North Atlantic Division: Maine. New Hampshire. Vermont. Massachusetts. Rhode Island. Connecticut. New York. New Jersey. Pennsylvania South Atlantic Division:	$5 \\ 3 \\ 1 \\ 46 \\ 7 \\ 15 \\ 19 \\ 14 \\ 15 \\ 15 \\ 15 \\ 15 \\ 15 \\ 15 \\ 15$	$\begin{array}{c} 6\\ 8\\ 2\\ 305\\ 43\\ 28\\ 118\\ 68\\ 124 \end{array}$	$17 \\ 11 \\ 2 \\ 564 \\ 142 \\ 93 \\ 1,001 \\ 136 \\ 83$	$17 \\ 17 \\ 0 \\ 1,212 \\ 165 \\ 103 \\ 851 \\ 305 \\ 573 \\ 17 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 1$	$34 \\ 28 \\ 2 \\ 1,776 \\ 307 \\ 196 \\ 1,852 \\ 441 \\ 656 \\ \end{cases}$		17 18,087 2,313 544 38,475 4,706	2, 175 4, 693 140 910 22, 568	7,489 6,763 118,499 17,714	$\begin{array}{r} 273\\ 409\\ 24,800\\ 3,171\\ 2,375\\ 33,015\\ 6,961\\ 11,419\end{array}$	812 757 50, 198 7, 283 6, 759 118, 422 17, 373 27, 886
Delaware Maryland District of Columbia Virginia. North Carolina Georgia. South Central Division:	$1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 3 \\ 3$	$3 \\ 17 \\ 1 \\ 4 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3$	$     \begin{array}{c}       0 \\       69 \\       20 \\       2 \\       3 \\       1     \end{array} $	$     \begin{array}{c}       11 \\       24 \\       37 \\       2 \\       1 \\       9     \end{array} $	$     \begin{array}{c}       11 \\       93 \\       57 \\       4 \\       4 \\       10     \end{array} $	$1,335 \\ 110 \\ 50 \\ 379$	0	195 6,450		74 1,815 1,073 85 168	6, 450 110 50 450
Kentucky. Tennessee Louisiana Texas Arkansas North Central Division:	$3 \\ 2 \\ 1 \\ 1 \\ 1 \\ 1$	8 2 1 1 1	6 2 7 3 1	$28 \\ 4 \\ 2 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$	$34 \\ 6 \\ 9 \\ 3 \\ 1$	$1,094 \\ 206 \\ 289 \\ 169 \\ 70$	16 0 0		1,479 222 239 169 70	555 84 67 28	1, 442 222 289 169 70
Ohio. Indiana Illinois. Michigan. Visconsin. Iowa. Missouri. Nebraska. Western Division:	$7 \\ 3 \\ 4 \\ 7 \\ 1 \\ 3 \\ 1 \\ 2$	$57 \\ 6 \\ 43 \\ 24 \\ 4 \\ 3 \\ 13 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ $	$ \begin{array}{r} 81\\ 21\\ 162\\ 45\\ 7\\ 5\\ 42\\ 0\\ \end{array} $	$\begin{array}{r} 40 \\ 2 \\ 377 \\ 37 \\ 1 \\ 6 \\ 67 \\ 14 \end{array}$	$121 \\ 23 \\ 539 \\ 82 \\ 8 \\ 11 \\ 109 \\ 14$	$5,303 \\ 798 \\ 14,820 \\ 1,631 \\ 142 \\ 163 \\ 3,714 \\ 642 \end{cases}$	$246 \\ 5,546 \\ 626 \\ 55 \\ 112 \\ 1,032$	65	$\begin{array}{c} 6,388\\ ^{\circ}1,044\\ 20,366\\ 2,257\\ 197\\ 340\\ 4,746\\ 810\\ \end{array}$	2,683 411 11,004 1,051 67 249 2,058 237	5,875 1,044 20,366 2,143 196 340 810
Western Division: Colorado. Utah. Washington. Oregon. California.	1 1 1 1 7	$\begin{array}{c}4\\1\\3\\14\end{array}$	$12 \\ 3 \\ 10 \\ 4 \\ 38$	6 0 5 63	$18 \\ 3 \\ 10 \\ 9 \\ 101$	452 40 442 282 6, 727	8 93 58		548 48 535 340 8, 419	$200 \\ 40 \\ 176 \\ 181 \\ 2,591$	548 48 7,657

TABLE 10.—Summary of statistics of evening schools in cities of 8,000 population and over, 1904-5.

a Including estimates for cities not fully reported.

### CITY SCHOOL SYSTEMS.

TABLE 11.-Statistics of evening schools in cities of 8,000 population and over. 1904-5.

Party		22	Т	eacher	s.		Pupils.		e	y
City.	Number of schools.	Number of evening schools were in session.	Men.	Women.	Total.	Men.	Women.	Total.	Average daily attendance.	Pupils of evening schools n o t attending d a y schools.
1	2	3	4	5	6	7	8	9	10	11
ARKANSAS. Little Rock* CALIFORNIA.	1	120	1	0	1	70	0	70	28	70
Alameda Los Angeles Sacland Sar Francisco San Jose Vallejo	$     \begin{array}{c}       1 \\       1 \\       3 \\       1 \\       6 \\       1 \\       1 \\       1     \end{array} $	$190 \\ 189 \\ 192 \\ 186 \\ 209 \\ 110 \\ 187$	$     \begin{array}{c}       1 \\       4 \\       5 \\       4 \\       20 \\       3 \\       1     \end{array} $	$     \begin{array}{c}       1 \\       0 \\       5 \\       3 \\       54 \\       0 \\       0     \end{array} $	$2 \\ 4 \\ 10 \\ 7 \\ 74 \\ 3 \\ 1$	$304 \\ 906 \\ 303 \\ 5,001 \\ 153 \\ 60$	$0 \\ 144 \\ 132 \\ 1,294 \\ 4 \\ 10$	$108 \\ 304 \\ 1,050 \\ 435 \\ 6,295 \\ 157 \\ 70$	$25 \\ 91 \\ 253 \\ 114 \\ 2,021 \\ 62 \\ 25$	304 1, 050 435 5, 533 70
COLORADO. Denver	4	84	12	6	18	452	96	548	200	548
CONNECTICUT. Ansonia Bridgeport Danbury. Hartford. Manchester: Town schools Meriden Naugatuck New Britain. New Haven New Haven New London Norwalk. Stamford Torrington. Wallingford	$     \begin{array}{c}       1 \\       4 \\       1 \\       1 \\       2 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       1 \\       2 \\       1 \\       1 \\       1 \\       2 \\       1 \\       1 \\       1 \\       1 \\       2 \\       1 \\       1 \\       1 \\       1 \\       1 \\       2 \\       1 \\       1 \\       1 \\       1 \\       1 \\       2 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\     $	76 75 75 75 75 75 75 75 75 75 75 75 75 75	$     \begin{array}{c}       3 \\       3 \\       2 \\       14 \\       2 \\       2 \\       1 \\       6 \\       36 \\       4 \\       2 \\       4 \\       0     \end{array} $	$231 \\ 5431 \\ 1443 \\ 4341 \\ 11$	$5 \atop 6 \atop 6 \atop 3 \atop 6 \atop 6 \atop 3 \atop 4 \atop 2 0 \atop 7 \atop 6 \atop 5 \atop 1$	104 80 435 	15 70  120  67 89 26	$119 \\ 322 \\ 150 \\ 2,581 \\ 144 \\ 147 \\ 210 \\ 555 \\ 1,166 \\ 147 \\ 245 \\ 305 \\ *23 \\$	$54\\ 88\\ 60\\ 650\\ 58\\ 47\\ 38\\ 309\\ 516\\ 65\\ 69\\ 40\\ *11$	1193221502,5811405551,166147245305* 23
waterbury	1	75	12	6	18	392	157	549	295	549
DELAWARE. Wilmington DISTRICT OF COLUMBIA.	3	62	0	11	11			195	74	
Washington	9	. 61	20	37	57	1,335	932	2,267	1,073	·····
GEORGIA. Athens. Atlanta. Columbus.	1 1 1	173 185 84		$3 \\ 4 \\ 2$	3 4 3	102 247 30	$55 \\ 0 \\ 16$	$157 \\ 247 \\ 46$	60 76 32	157 247 46
ILLINOIS. Chicago East St. Louis. Joliet Peoria*	37 2 1 3	87 119 120 120	$     \begin{array}{c}       153 \\       2 \\       3 \\       4     \end{array}   $	370 0 3 4	523 2 6 8	$14,448\\102\\112\\158$	5,452 23 25 46	$19,900 \\ 125 \\ 137 \\ 204$	10, 824 38 32	19, 900 125 137 204
INDIANA. Indianapolis South Bend Terre Haute	3 1 2	$51 \\ 44 \\ 105$	15 3 3	0 0 2	15 3 5	$548 \\ 164 \\ 86$	178 32 36	726 196 122	$347 \\ 46 \\ 18$	196 122
IOWA. Cedar Rapids Des Moines, west side Sioux City.	1 1 1	29 70 80	$\begin{array}{c} 0 \\ 1 \\ 4 \end{array}$	$2 \\ 2 \\ 2 \\ 2$	2 3 6	43 120	32 80	75 65 200	$64 \\ 50 \\ 135$	75 200
KENTUCKY. Covington Lexington Louisville	$\begin{array}{c}1\\1\\6\end{array}$	19 120 *107	1 1 4	0 5 23 ties of	1 6 27	$     \begin{array}{r}       16 \\       110 \\       968     \end{array} $	40 12 333	56 122 1,301	23 - 51	56 85 1,301

[		n.	Т	eacher	s.		Pupils.		Jce.	ools a y
City.	Number of schools.	Number of evenings schools were in session.	Men.	Women.	Total.	Men and boys.	Women and girls.	Total.	Average daily attendance.	Pupils of evening schools n o t attending d a y schools.
1	2	3	4	5	6	7	8	9	10	11
LOUISIANA.										
New Orleans	1	99	7	2	9	289	0	289		289
Augusta. Biddeford. Lewiston. Portland. Waterville.	$\begin{array}{c} 1\\ 2\\ 1\\ 1\\ 1\end{array}$	62 79 64 85	$2 \\ 8 \\ 2 \\ 2 \\ 2$	4 5 8 0	6 13 10 2	161 155 207 56	$38 \\ 54 \\ 103 \\ 0$	199 209 310 56	103 112 32	199 209 310 56
MARYLAND. Baltimore	17	a 83	69	24	93			6,450	1,815	6,450
MASSACHUSETTS.	11		09	24	90			0,400	1,015	0,400
Adams.         Attleboro.         Beverly.         Boston.         Brockton.         Chicopee.         Clinton.         Everett.         Fall River.         Fitchburg.         Framingham.         Gardner.         Gloucester.         Greenfield.         Haverhill.         Holyoke.         Hyde Park.         Lawrence.         Leowinster d.         Lowell.         Lynn.         Malden.         Marlboro.         Medford.         Newburyport.         Newburyport.         Newburyport.         North Adams.         NorthAdams.         Northadams.         Somerville.         Somerville.         Somthoridge.         Springfield.         Taunton         Webster.	$\begin{array}{c} 1 \\ 5 \\ 6 \\ 7 \\ 1 \\ 53 \\ 1 \\ 16 \\ 4 \\ 2 \\ 5 \\ 1 \\ 1 \\ 4 \\ 2 \\ 5 \\ 1 \\ 1 \\ 1 \\ 4 \\ 5 \\ 4 \\ 7 \\ 7 \\ 9 \\ 3 \\ 3 \\ 1 \\ 1 \\ 1 \\ 4 \\ 5 \\ 4 \\ 7 \\ 7 \\ 9 \\ 3 \\ 3 \\ 3 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$	$\begin{array}{c} 30\\ 35\\ 35\\ 4\\ e95\\ b495\\ 66\\ 63\\ 30\\ 40\\ \hline \\ 81\\ 46\\ 63\\ 40\\ 60\\ e69\\ 40\\ 60\\ e69\\ 40\\ 60\\ e69\\ 40\\ 60\\ e69\\ 40\\ 60\\ 86\\ 63\\ 43\\ 30\\ 60\\ 60\\ 86\\ 80\\ 80\\ 80\\ 80\\ 80\\ 80\\ 80\\ 80\\ 80\\ 80$	$\begin{array}{c} 2 \\ 2 \\ 2 \\ 7 \\ 3 \\ 3 \\ 3 \\ 3 \\ 6 \\ 1 \\ 1 \\ 4 \\ 4 \\ 3 \\ 5 \\ 5 \\ 4 \\ 2 \\ 1 \\ 1 \\ 2 \\ 4 \\ 9 \\ 9 \\ 3 \\ 3 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5 \\ 5$	$\begin{array}{c} 11\\ 14\\ 5\\ 5\\ 36\\ 6\\ 12\\ 29\\ 11\\ 1\\ 4\\ 4\\ 103\\ 3\\ 20\\ 5\\ 4\\ 3\\ 20\\ 5\\ 6\\ 6\\ 6\\ 49\\ 9\\ 28\\ 8\\ 20\\ 5\\ 5\\ 5\\ 5\\ 13\\ 3\\ 9\\ 9\\ 12\\ 2\\ 10\\ 0\\ 7\\ 7\\ 3\\ 8\\ 8\\ 50 \end{array}$	$\begin{array}{c} 13\\ 16\\ 12\\ 2387\\ 200\\ 8\\ 8\\ 8\\ 30\\ 12\\ 2\\ 8\\ 8\\ 30\\ 12\\ 2\\ 39\\ 7\\ 7\\ 5\\ 24\\ 4\\ 63\\ 39\\ 7\\ 7\\ 5\\ 24\\ 4\\ 10\\ 6\\ 9\\ 9\\ 12\\ 23\\ 5\\ 7\\ 7\\ 11\\ 106\\ 6\\ 6\\ 9\\ 9\\ 12\\ 8\\ 25\\ 5\\ 15\\ 12\\ 12\\ 12\\ 12\\ 12\\ 12\\ 12\\ 12\\ 12\\ 12$	$\begin{array}{c} 180\\ \hline 154\\ 13,811\\ \hline 73\\ 1,204\\ 498\\ 263\\ 180\\ 124\\ 2,042\\ 331\\ 82\\ 180\\ 90\\ 46\\ 301\\ 821\\ \hline 1,132\\ 2,566\\ 1,107\\ \hline 2,576\\ 1,107\\ \hline 2,576\\ 73\\ 137\\ 300\\ \hline 2257\\ 73\\ 1306\\ 4005\\ 801\\ 1777\\ 1,505\\ 801\\ 1777\\ 1,505\\ 801\\ 1775\\ 1,505\\ 801\\ 1775\\ 1,505\\ 801\\ 1775\\ 1,505\\ 801\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,607\\ 1,$	$\begin{array}{c} 173\\ 126\\ 7, 457\\ 78\\ 758\\ 309\\ 169\\ 52\\ 89\\ 108\\ 33\\ 35\\ 28\\ 33\\ 35\\ 28\\ 33\\ 35\\ 28\\ 31\\ 138\\ 480\\ 824\\ 1, 484\\ 449\\ 19\\ 96\\ 53\\ 1, 264\\ 449\\ 19\\ 96\\ 53\\ 1, 264\\ 449\\ 19\\ 96\\ 61\\ 59\\ 249\\ 121\\ 849\\ 128\\ 849\\ 128\\ 849\\ 128\\ 849\\ 128\\ 849\\ 128\\ 849\\ 60\\ 667\\ 667\\ 667\\ 667\\ 667\\ 667\\ 667\\$	$\begin{array}{c} 353\\ 409\\ 280\\ 21,268\\ 396\\ 151\\ 1,962\\ 807\\ 432\\ 213\\ 213\\ 3,134\\ 3,134\\ 3,134\\ 115\\ 233\\ 118\\ 777\\ 439\\ 1,301\\ 298\\ 1,956\\ 271\\ 4,050\\ 1,556\\ 551\\ 144\\ 284\\ 270\\ 3,55\\ 250\\ 353\\ 114\\ 146\\ 352\\ 2564\\ 1,050\\ 298\\ 2,56\\ 388\\ 90\\ 248\\ 852\\ 270\\ 2,274\\ 852\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,276\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,274\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\ 2,270\\$	$ \begin{array}{c} 201\\ 206\\ 195\\ 7, 297\\ 79\\ 822\\ 365\\ 288\\ 115\\ 51\\ 217\\ 65\\ 31\\ 287\\ 65\\ 1, 165\\ 2, 152\\ 230\\ 46\\ 152\\ 135\\ 1, 65\\ 2, 152\\ 230\\ 46\\ 152\\ 135\\ 1, 65\\ 2, 152\\ 230\\ 46\\ 152\\ 135\\ 1, 65\\ 231\\ 100\\ 79\\ 9\\ 100\\ 79\\ 100\\ 159\\ 400\\ 159\\ 400\\ 159\\ 400\\ 159\\ 40\\ 177\\ 1, 172\\ 40\\ 77\\ 1, 172\\ 40\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ 1, 172\\ $	409 271 151 1,962 807 227 213 3,134 115 225 118 77 225 118 77 298 1,956 73,000 545 135 284 4268 3,330 50 50 317 114 146 56 288 3,137 77 228 50 50 50 50 50 50 50 50 50 50 50 50 50

 TABLE 11.—Statistics of evening schools in cities of 8,000 population and over, 1904-5—

 - Continued.

a Average.
b Drawing schools, 38 nights.
c High and grammar schools, 75 nights.
d From annual report of the school committee for 1905.

e High school, 75 nights.
f Approximately.
g Drawing school, 35 nights.
h Drawing school, 40 nights.

ł

#### CITY SCHOOL SYSTEMS.

		g s II.	т	eacher	s.		Pupils.		lce.	a y
City.	Number of schools.	Number of evenings schools were in session.	Men.	Women.	Total.	Men and boys.	Women and girls.	Total.	Average daily attendance	Pupils of evening schools n o t attending d a y schools.
1	2	3	4	5	6	7	8	9	10	11
MICHIGAN.										
Bay City. Calumet. Detroit. Grand Rapids. Kalamazoo. Manistee. Muskegon.	$3 \\ 1 \\ 8 \\ 4 \\ 1 \\ 6 \\ 1$		$3 \\ 2 \\ 31 \\ 4 \\ 4 \\ 1 \\ 0$	$     \begin{array}{c}       0 \\       1 \\       14 \\       5 \\       3 \\       12 \\       2     \end{array} $	$3 \\ 3 \\ 45 \\ 9 \\ 7 \\ 13 \\ 2$	$143 \\ 15 \\ 840 \\ 382 \\ 58 \\ 150 \\ 43$	$28 \\ 23 \\ 290 \\ 52 \\ 91 \\ 125 \\ 17$	$171 \\ 38 \\ 1,130 \\ 434 \\ 149 \\ 275 \\ 60$	$52 \\ 32 \\ 494 \\ 202^{-1} \\ 175$	$171 \\ 38 \\ 1,051 \\ 434 \\ 139 \\ 250 \\ 60$
MISSOURI. St. Louis	13	60	42	67	109	3,714	1,032	4,746	2,058	 
NEBRASKA.	1	80	0	2	2	96	16	112	16	112
Omaha	2	97	0	12	12	546	152	698	-221	 · [
NEW HAMPSHIRE. Dover. Manchester. Nashua	$\begin{array}{c} 1 \\ 4 \\ 3 \end{array}$	56 58 50	$2 \\ 8 \\ 1$	$\begin{array}{c} 4\\11\\2\end{array}$	$\begin{array}{c} 6\\ 19\\ 3\end{array}$	$128 \\ 372 \\ 120$	$32 \\ 105 \\ 0$	160 477 120	69 258 82	160 477
NEW JERSEY. Bayonne Bloomfield. Camden. Harrison a. Hoboken Jersey City. Millville. Montclair. Newark. New Brunswick. Passaic. Paterson. Phillipsburg. Trenton.	$     \begin{array}{c}       1 \\       5 \\       1 \\       5 \\       3 \\       1 \\       14 \\       2 \\       5 \\       1 \\       27 \\     \end{array} $	$ \begin{bmatrix} 69 \\ 64 \\ 64 \\ 64 \\ 64 \\ 64 \\ 65 \\ 102 \\ c \\ 77 \\ 64 \\ 135 \\ 64 \\ 64 \\ 80 \end{bmatrix} $	$\begin{array}{c} 4\\ 5\\ 3\\ 2\\ 1\\ 17\\ 0\\ 2\\ 72\\ 4\\ 1\\ 21\\ 3\\ 1\end{array}$	$     18 \\     1 \\     10 \\     8 \\     12 \\     40 \\     5 \\     2 \\     118 \\     5 \\     18 \\     39 \\     3 \\     26 \\     $	$\begin{array}{c} 22 \\ 6 \\ 13 \\ 10 \\ 13 \\ 57 \\ 5 \\ 4 \\ 190 \\ 9 \\ 19 \\ 60 \\ 6 \\ 27 \end{array}$	$\begin{array}{r} 363\\174\\477\\222\\459\\2,040\\192\\79\\5,434\\141\\1,724\\53\\740\\\end{array}$	$\begin{array}{c} 103\\ 37\\ 169\\ 134\\ 129\\ 935\\ 0\\ 44\\ 2,282\\ 60\\ \hline \\ 612\\ 8\\ 193\\ \end{array}$	$\begin{array}{c} 466\\ 211\\ 646\\ 356\\ 588\\ 2,975\\ 192\\ 123\\ 7,716\\ 201\\ 910\\ 2,336\\ 61\\ 933\\ \end{array}$	$144 \\ 42 \\ 141 \\ 178 \\ 239 \\ 949 \\ 55 \\ 45 \\ 3,509 \\ 83 \\ 252 \\ 768 \\ 44 \\ 512 \\$	466 189 646 2,975 192 120 d 7,400 201 910 2,336 61 933
NEW YORK. Albany Batavia. Binghamton. Buffalo.	$5 \\ 1 \\ 1$	$77 \\ 24 \\ 110$	$10 \\ 1 \\ 5$	$\begin{array}{c} 31\\12\\1\end{array}$	$\begin{array}{c} 41\\ 13\\ 6\end{array}$	1,074 339	330 90	$1,404 \\ 140 \\ 429$	$530 \\ 50 \\ 126$	$\substack{1,404\\140\\429}$
Conces. Mount Vernon. New Rochelle. New York. Niagara Falls. Poughkeepsie. Rochester. Schenectady. Syracuse. Troy. Utiea. Watertown. White Plains. Yonkers.	$     \begin{array}{c}       1 \\       1 \\       1 \\       84 \\       2 \\       1 \\       5 \\       1 \\       4 \\       3 \\       2 \\       1 \\       3 \\       2 \\       1 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\    $	97 36 42 68 ¢ 84 63 63 73 73 8 93 96 127 90 40 82	$\begin{array}{c} 0 \\ 2 \\ 1 \\ 7 \\ 870 \\ 3 \\ 2 \\ 66 \\ 4 \\ 6 \\ 3 \\ 0 \\ 0 \\ 1 \\ 20 \end{array}$		$\begin{array}{c} & 4\\ & 8\\ & 4\\ & 8\\ & 1,533\\ & 2\\ 131\\ & 15\\ & 25\\ & 9\\ & 9\\ & 2\\ & 9\\ & 25\end{array}$	$\begin{array}{c} 30\\ 170\\ 142\\ 177\\ 72,750\\ 74\\ 2,315\\ 444\\ 543\\ *535\\ 305\\ 20\\ 140\\ 711\end{array}$	$\begin{array}{c} 70\\ 50\\ 56\\ 78\\ 34, 491\\ 42\\ 21\\ 2, 320\\ 240\\ 145\\ *57\\ *57\\ 89\\ 37\\ 68\\ 291 \end{array}$	$\begin{array}{c} 100\\ 220\\ 198\\ 255\\ 107, 241\\ 157\\ 95\\ 4, 635\\ 684\\ 688\\ * 592\\ 394\\ 57\\ 208\\ 1, 002\\ \end{array}$	$\begin{array}{c} 60\\ 120\\ 97\\ 60\\ 28, 647\\ 522\\ 40\\ 1, 565\\ 2000\\ 367\\ * 463\\ 129\\ 41\\ 115\\ 353\end{array}$	$\begin{array}{c} 60\\ 220\\ 195\\ 242\\ 107,241\\ 157\\ 93\\ 4,635\\ 684\\ 688\\ *592\\ 394\\ 45\\ 201\\ 1,002\\ \end{array}$
NORTH CAROLINA.	3		- 3	1	4	50	0	50		50
Undiffute	0	(+ + + + + + )	0	1		00	. 0			00

## TABLE 11.—Statistics of evening schools in cities of 8,000 population and over, 1904-5— Continued.

Statistics of 1903-4.
Statistics from the New Jersey school report, 1904.
One school was in session 95 nights.

High school, 95 nights; drawing school, 138.
Approximately.
High school, 120 nights.

.

		50 G	Т	eacher	s.		Pupils.	1		ols A y
City.	Number of schools.	Number of evenings schools were in session.	Men.	Women.	Total,	Men and boys.	Women and girls.	Total.	Average daily attendance.	Pupils of evening schools n ot attending day schools.
1	2	3	4	5	6	7	8	9	10	11
OHIO.										
Akron Cincinnati Cleveland Columbus Dayton Steubenville Xenia	$     \begin{array}{r}       4 \\       6 \\       41 \\       2 \\       2 \\       1 \\       1     \end{array} $	77 80 90 97 a 86 180 94	$egin{array}{c} 4 \\ 21 \\ 55 \\ 0 \\ 1 \\ 0 \\ 0 \\ 0 \end{array}$	$     \begin{array}{c}       0 \\       26 \\       8 \\       3 \\       1 \\       1 \\       1     \end{array} $	$     \begin{array}{r}       4 \\       47 \\       63 \\       3 \\       2 \\       1 \\       1     \end{array} $	$141 \\ 1,587 \\ 3,306 \\ 84 \\ 81 \\ 71 \\ 33$	$     \begin{array}{r}       8 \\       652 \\       316 \\       14 \\       62 \\       1 \\       32     \end{array} $	$149 \\ 2,239 \\ 3,622 \\ 98 \\ 143 \\ 72 \\ 65$	$\begin{array}{r} 68\\ 1,173\\ 1,302\\ 55\\ 50\\ 15\\ 20\end{array}$	149 3, 306 98 
OREGON.	3	100	4	5	9	282	58	340	181	
Portland	0	100		5	9	202	00	040	101	
Allegheny . Allentown . Carbondale . Erie . Lancaster . Mahanoy City Mount Carmel . Phitsburg * Plymouth . Reading . Shamokin . Shamokin . Shamokan		$\begin{array}{c} 80\\ (b)\\ 70\\ 80\\ 120\\ 60\\ 60\\ 49\\ 60\\ c\ 80\\ 113\\ 80\\ 80\\ 80\\ 120\\ \end{array}$	$12 \\ 3 \\ 4 \\ 2 \\ 3 \\ 0 \\ 2 \\ 23 \\ 1 \\ 4 \\ 18 \\ 2 \\ 1 \\ 6 \\ 2 \\ 1 \\ 6 \\ 2 \\ 1 \\ 6 \\ 2 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$	$egin{array}{c} 8\\ 2\\ 1\\ 6\\ 10\\ 2\\ 0\\ 517\\ 8\\ 2\\ 0\\ 1\\ 7\\ 9\\ 0 \end{array}$	$20 \\ 5 \\ 8 \\ 13 \\ 2 \\ 2 \\ 540 \\ 9 \\ 6 \\ 18 \\ 3 \\ 8 \\ 15 \\ 2$	357 75 298 263 125 143 652 304 629 98 477 579 96	$\begin{array}{r} 85\\ 63\\ 33\\ 44\\ 148\\ 0\\ 0\\ 0\\ \end{array}$	$\begin{array}{r} 442\\ 138\\ 331\\ 312\\ 411\\ 125\\ 143\\ 22,568\\ 7700\\ 361\\ 889\\ 120\\ 548\\ 671\\ 127\end{array}$	$\begin{array}{c} 266\\ 96\\ 176\\ 140\\ 182\\ 61\\ 22\\ 9,090\\ 301\\ 227\\ 339\\ 69\\ 168\\ 229\\ 53\end{array}$	$\begin{array}{r} 442\\ 138\\ 331\\ 312\\ 125\\ 143\\ 22,568\\ 700\\ 361\\ 889\\ 120\\ 548\\ 671\\ 127\\ \end{array}$
RHODE ISLAND. Central Falis Cumberland East Providence Newport Pawtuckct Providence Woonsocket	$     \begin{array}{c}       4 \\       5 \\       1 \\       6 \\       6 \\       17 \\       4     \end{array} $	$75 \\ 40 \\ 63 \\ 176 \\ 60 \\ 99 \\ 50$	18 6 2 3 17 92 4	$9 \\ 4 \\ 0 \\ 8 \\ 20 \\ 103 \\ 21$	$27 \\ 10 \\ 2 \\ 11 \\ 37 \\ 195 \\ 25$	$295 \\ 228 \\ 52 \\ 215 \\ 524 \\ 3,547 \\ 315$	$79\\108\\10\\79\\202\\1,647\\188$	$374 \\ 336 \\ 62 \\ 294 \\ 726 \\ 5, 194 \\ 503$	228 119 15 92 465 2,074 178	369 329 62 292 689 503
TENNESSEE.										
Memphis Nashville	$1 \\ 1$	$     \begin{array}{c}       166 \\       114     \end{array} $	1 1	$\frac{2}{2}$	3 3	89 117	$\begin{array}{c} 0\\ 16\end{array}$	89 133	$\begin{array}{c} 42\\ 42\end{array}$	89 133
TEXAS. Dallas	1	. 90	3	0	3	169	0	169	67	169
UTAH. Ogden	1	60	3	0	3	40	8	48	40	48
VERMONT. Burlington	2	136	2	0	2	92	17	109		
VIRGINIA. Norfolk	4	88	2	2	4	110	0	110	85	110
WASHINGTON. Seattle.	1	98	10	0	10	442	93	535	176	
WISCONSIN. Oshkosh * Statistics of 1903-4	4	60	7	1	8 Six mo	142	55	197	67	196

TABLE 11.—Statistics of evening schools in cities of 8,000 population and over, 1904-5— Continued.

\* Statistics of 1903-4. *a* One school was in session 68 nights.

٠

-

b Six months.c Some schools were in session 60 nights.

		i.	inĥabitants, 1904–5	1904-5.			,	\$		
	Number			A consistent of			Nun	Number of teachers.	lers.	Enroll-
Cities and villages of—	of city and village school systems.	Population, census of 1900	Enrollment in public day schools.	Aggregate number of days' at- tendance of all pupils.	Average daily at- tendance.	Number of super- vising officers.	Men.	Women.	Total.	nent in pri- vate and parochial schools (largely estimated).
pad .	8	57	4	ъ	9	Ŀ	80	G	10	11
United States a	618	3, 254, 056	707, 205	97,468,177	543, 965	1, 213	1,793	14,735	16, 528	95, 550
North Atlantie Division South Atlantie Division. South Cartral Division. North Central Division Western Division b	232 55 63 236 32 32	$\begin{array}{c} 1, 254, 148\\ 276, 432\\ 322, 684\\ 1, 245, 731\\ 155, 061\end{array}$	$\begin{array}{c} 251,498\\ 59,652\\ 68,462\\ 68,462\\ 281,967\\ 45,026\end{array}$	$\begin{array}{c} 35, 589, 964\\ 7, 400, 601\\ 8, 503, 911\\ 39, 993, 857\\ 5, 979, 844 \end{array}$	$\begin{array}{c} 194, 775\\ 43, 785\\ 43, 785\\ 49, 025\\ 222, 630\\ 33, 750\end{array}$	472 79 480 85	505 191 747 144	$\begin{array}{c} 5,810\\ 1,019\\ 1,106\\ 5,910\\ 890 \end{array}$	$\begin{array}{c} 6, 315\\ 1, 210\\ 1, 312\\ 6, 057\\ 1, 034\end{array}$	$\begin{array}{c} 39,272\\ 6,375\\ 9,584\\ 34,578\\ 5,741\\ 5,741\end{array}$
North Atlantic Division: Maine New Hampshire	14	77,909 24,289	13,907 3,724	1,986,872 493,518	11,686 2,947	25 10	64 61 h -	388 84 84	430 91	2,443 1,368
Massachusetts	56	309, 197			50,4	162	136	1,602	1,738	1, 324 5, 080
Rhode Island	~	44,617			່ວ໌ ເ	16	21	215	236	679
New York.	38	200,868			-`ôč	86	40	956	1,005	2,944
New Jersey Pennsylvania.	. 72	122,877 380,758			62, <sup>17</sup>	46 94	$34 \\ 194$	600 1, 538	634 1.732	$^{7,870}_{11,571}$
South Atlantic Division: Maryland	°	15,298		271,624		4	15	52	67	344
Virginia	1-0	37, 361		923, 290		2	23	109	132	1, 224
west virginia North Carolina	x x	41, 199 40, 893	9, 808	L, 213, 898	7, 635	13	36 36	147	231	585 590
South Carolina	14	64,644		2, 108, 353		19	45	238	283	1, 340
Georgia. Forida	13	68,752		1,674,605		17	30	241	280	1,642
South Central Division:	1	6					(		4	
kentucky	1	60,429				16	120	182	208	1,468
1 CHHOSSOE Alabama	10	19,907				174	61	155	176	1 529
Mississippi	9	33, 189				16	15	134	611	957
Louisiana	9	32,890				11	18	- 1-6	112	1, 896
Texas	20	98,499				26	Ŧ6	357	451	2,270
Arkansas Indian Territory	4 67	19,035 9.935	4, 017 3, 694	439, 920 439, 920	6, 1/0 2, 724	ດດາ	+ 00	80 20 20	23	464
a Including estimates for cities and villages not fully reported. b Including estimates for Montana throughout, except for columns 2 and 3, and for W yonning in columns 5 and 6.	for citics <i>i</i> for Monta	nd villages ne	t, except for c	olumns 2 and	3, and for W	yoming in	columns		-	
		0	-			2				

TADLB 12.—Summary, by States, etc., of enrollment, attendance, supervising officers, and teachers in citics and villages containing from 4,000 to 8,000

CITY SCHOOL SYSTEMS.

507

.

0 to 8,000	Enroll-	va te and parochial schools (largely estimated).	11	5, 978 5, 4414 5, 4414 5, 4414 1, 238 1, 238
1 from 4,00	hers.	Total.	10	1, 883 883 883 883 883 883 883 884 8845 8845
containing	Number of teachers.	Women.	6	1, 228 7321 7321 7331 4587 4585 4585 533 107 117 533 533 533 533 533 533 533 533 533 53
villages	Nu	Men.	æ	820°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°°
cities and		Number of super- vising officers.	1-	84729822888038 -84420-004
eachers in		Average daily at- tendance.	9	25,003 25,003 25,003 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25,004 25
fficers, and 1 -Continued		Aggregate number of days' at- tendance of all pupils.	2	8, 836, 836, 836, 836, 836, 836, 836, 83
upervising o ts; 1904-5		Enrollment in public day schools.	4	59, 585 33, 585 33, 585 33, 585 33, 585 33, 411 13, 411 13, 451 13, 533 13, 533 14, 5333 14, 5333 14, 5333 14,
ttendance, s inhabitan		Population, census of 1900.	3	284, 240 1166, 735 1176, 735 1942, 881 1176, 735 1949, 881 1189, 447 1189, 447 1189, 447 1189, 447 1189, 447 1189, 447 115, 554 115, 556 115, 556 1
ollment, a	Number	of city and village school systems.	3	8888855588425 004800000
TABLE 12.—Summary, by States, etc., of enrollment, attendance, supervising officers, and teachers in cities and villages containing from 4,000 to 8,000 integration of the states of the state of the states of the		Cities and villages of	I	North Central Division: Ohio

### EDUCATION REPORT, 1905.

Expendi-ture for all Value of all Number Number Expenditure public prop-erty used of seats or of school for supervipurposes Cities and villages ofbuildsittings sion and loans and for school ings. for study. teaching. bonds expurposes. cepted). 2 3 5 G 1 4 \$49,990,848 United States a..... 3.122714,175 \$8,786,570 \$13,590,101 1,393 261,684 19,559,1083,399,256 5,409,799 North Atlantic Division 201,034 57,517 61,280 289,525 44,169478,659636,6143,525,733746,3085,409,799 656,111 933,645 5,532,395 1,058,1512,310,735 2,794,476 213North Central Division ...... Western Division b 1,080 21,166,7464,159,783199 North Atlantic Division: 254,097 65,166 158,473 1,427,726 181,985 220,007 025,405Moin Anance Division Maine.... New Hampshire.... Vermont.... Massachusetts... Rhode Island Connecticut... New York... New York... New Jersey... Pennsylvania. South Atlantic Division: Mawiend 742,000258,800530,000Maine 18016,118 194,433 4,3556,52965,7879,34049,70686,249963,48035 6,162,100642,175474 88 110,584 93 11,419 679,650 141,456 39,633 24,786 83,717 2,841,8921,975,2805,727,211568,273 392,808 935,405644,1051,522,775138 107892,267 245Maryland..... 13 2,590 148,000 24,264 37,482 Maryunu Virginia. West Virginia. North Carolina. South Carolina. Georgia. 99 7,632 223,325 868,310 50,51093,944 $74,639 \\ 173,846$ 439,020 68,022  $\begin{array}{c} 113,840\\ 80,463\\ 125,857\\ 147,264\\ 16,560\end{array}$ 29 102,937125,92213,06014,47312,30241 Florida...... South Central Division: 8 1,700 En Central DIVISION: Kentucky... Tennessee Alabama. Mississippi Louisiana. Texos  $146,081 \\ 44,204 \\ 90,904$ .35 8,599 431.181 107.7423,500 7,730 7,805 29,90071,235 67,915 59,880 125,050272,80013 29 272,800 373,200 258,200 914,045 220,000 200,000 50,504 123,060 67,017 298,146 114,23326 5,34320,778 4,225 3,300 26Texas. Arkansas. Indian Territory. North Central Division: • 83 229,389 40,153 10 30,400 50,000 Ohio..... 224 64,327 5,213,700 790,347 1,160,809Indiana Indiana Illinois Michigan Wisconsin Minnesota 124 2,791,350 2,424,109 2,380,900 519,178467,412422,168 $35,211 \\ 40,842$ 806,041725,23010,84231,83819,52513,55521,55230,119123,230623,462383,415337,082129 1,873,500921,000 83 252,053 252,053 162,491 276,257 278,676 79,338 112,184 165,69054 921,0001,761,486 1,582,440 326,161694,1001,198,000 Iowa Missouri South Dakota 533,095 86 427,629136,749171,788103 4,40010,231 45 Kansas. Western Division: 53 17,925 165,629 227,095 Wontana Colorado. New Mexico. Arizona Utah. 25,000 537,000 297,850 198,000 268,707 90,000 77,57611,870105,67533,277 $14,000 \\ 132,544 \\ 90,883$ 5 875  $7,000 \\ 2,850$ 29 12 38,300 51,311 22,340 17,817 52,38097,78428,5837 Utah..... Nevada.... 4,133 4 50,00077,576 136,450 792,000 1,697,200 Idaho. Washington. 1,200 32,136 8 1,950 29,807 43,827 4,484 17,077 66,117359,79492,863458,151Oregon California..... 95

.TABLE 13.—Summary by States, etc., of school property and expenditures in cities and villages containing from 4,000 to 8,000 inhabitants, 1904–5.

a Including estimates for cities and villages not fully reported. b Including estimates for Montana throughout the table, and for Arizona and Nevada in column 3.

ED 1905-VOL 1-36

ture.	ірпэдхэ ІвтоТ	20		\$13,800 6,900 7,000 9,750	8,500			52, 380	* 500 * 14,000 20,933 70,800		$\begin{array}{c} 23,174\\22,250\\*23,408\\*31,161\end{array}$	$\frac{45,000}{58,000}$
	Salaries of t and super officers.	19		$\substack{\mathbf{s}11,500\\ 6,200\\ 5,889\\ 9,000 \end{aligned}$	$7,300 \\ 4,000 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,250 \\ 7,25$	2,073 7,980		38,300	$^{7,500}_{8,778}$		$\begin{array}{c} 17,910\\ 18,400\\ 17,850\\ 17,850\\ 22,330\end{array}$	32, 340 40,000
r school c prop-	Value of publi erty used for purposes.	18		$\begin{array}{c} \$35,000\\ 14,000\\ 25,000\\ 40,000\end{array}$	30,000 5,000 35,000	40,000		198,000	$^{15,000}_{860,000}$		$^{85,400}_{40,000}$ $^{80,000}_{60,000}$	290,000 $300,000$
rof syn oliduq	Seats or sitti study in all schools.	17		${}^{1,125}_{\begin{array}{c}560\\800\\1,250\end{array}}$	775 500 600	830			$^{1,075}_{1,200}$		$^{918}_{1,\ 100}$	1,571 1,620
ed for oses.	su sgniblinU quq loodos	16		40400	0,000	N 00		1-	ৰা ৩০ বা ৰা		00 10 4 00	10 12
each-	.IstoT	15		$^{23}_{23}$ $^{13}_{13}$ $^{28}_{23}$	17 14 16	19		45	33 51 F		19 24 35	41 53
Regular teach- ers.	.пэто W	14		$^{26}_{11}$	15	17		38	13 17 21 21		$\frac{18}{21}$	37 42
Regu	.n9M	13		0010100	041	- 01		1-	6041061		14001	4 11
Леегз.	to gaisivisqu2	12		0111	100			4			0-0-	0 es
-bnstts	Атегаge daily влее.	11		$1,014 \\ 426 \\ 557 \\ 927 \\$	590 325 438	4.11 543		1,319	720 738 926 786		747 795 828 1,115	$1,194 \\ 1,326$
to rofin to sonal	Aggregate nur days' attend all pupils.	10		${}^{177,450}_{76,254}_{84,157}_{84,157}_{860}$	106, 200 58, 500 72, 848	70, 302 86, 880		237, 511	$\begin{array}{c} 130,000\\ 131,364\\ 148,160\\ 141,480\end{array}$		$\begin{array}{c} 127,097\\ 146,357\\ 155,303\\ 158,444\\ 188,444\end{array}$	204,036 228,000
-nios o	Number of da schools wer ally in sessio	6		175 179 154 180	180 180 176	160		180	179 178 160 180		$170 \\ 184 \\ 187\frac{1}{2} \\ 169 \\ 169 \\ 169 \\ 169 \\ 169 \\ 169 \\ 169 \\ 160 \\ 160 \\ 160 \\ 160 \\ 160 \\ 160 \\ 160 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100$	170 172
t pupils d in pub- schools.	.[stoT	80		$1,415 \\ 559 \\ 872 \\ 1,210$	825 425 532	034 841		1,905	$1,074 \\ 900 \\ 1,475 \\ 1,068$		$^{967}_{1,052}$	$^{1, 705}_{1, 650}$
ent olled i lay sci	Girls.	10		757     296     479     656	475 225 285	398 453		926	540 500 789 559		473 440 <i>a</i> 528 731	817 800
Different enrolled lic day sc	Boys.	9		658 263 393 554	350 200 247	388		626	534 400 686 509		494 481 1524 802	888 850
.sloon	Pupils in priva parochial scl	r0		60 250 250 250 250	* 100 200 400	325		353	$^{*}_{200}$ $^{200}_{70}$		* 93 92 92	172 138
	dəs to nərblidƏ aga sus	4		2,927 1,825 2,150 2,325 2,325	1,964 1,800 1,700	2, 737		2, 258	2,000 2,400 2,211 2,560		1, 271 1, 225 1, 290 1, 639	2,340 2,000
age.	suanao loono2	en		7-21 7-21 7-21 7-21	7-21 7-21 7-21	7-21		6-21	$6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ 6-21 \\ $		5-17 5-17 5-17 5-17	{ 5-17 5-17
jo snsu	Population, ce 1900.	63		$     \begin{array}{c}       6,358\\       4,532\\       6,478\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       4,282\\       $	4, 245 5, 056 5, 056	4,09/ 5,094		5,544	$\begin{array}{c} 4,061\\ 5,550\\ 4,508\\ 4,914\end{array}$		4, 836 4, 719 5, 526	4, 797
	City.	I	ALABAMA.	Bessemer Eufaula. Florence.	New Decatur Opelika Phoenix * Talladega	Tuscaloosa	ARIZONA.	Phoenix	ARKANSAS. Fayetteville Helena Jonesboro.	CALIFORNIA.	Bakersfield Grass Valley Napa Pomona Rediands	Redlands school dis- Tritet
					1							

TABLE 14.—School statistics of cities and villages containing between 4,000 and 8,000 inhabitants, 190/-5.

EDUCATION REPORT, 1905.

44,000	$\begin{array}{c} 48,799\\57,900\\82,000\\*32,000\end{array}$	25,944 30,000 40,000	$\begin{array}{c} 20,082\\ 24,835\\ 11,526\\ 11,525\\ 11,525\\ 23,940\\ 25,162\\ 55,162\\ \end{array}$	12,000 15,500 11,000	$\begin{array}{c} 6,350\\ 17,407\\ 17,407\\ 6,921\\ 7,627\\ 11,965\\ 15,141\\ 15,141\\ 10,873\end{array}$	$16,700\\10,950\\11,000$	32,136	
34, 593	$\begin{array}{c} 43,538\\ 45,000\\ 35,000\\ 28,849\\ \end{array}$	$^{*29, 345}_{21, 270}$ 21, 270 26, 060 29, 000	$\begin{array}{c} 16,000\\ 19,855\\ 14,060\\ 15,357\\ 8,948\\ 8,948\\ 11,910\\ 17,280\\ 15,715\end{array}$	$ \begin{array}{c} 9,350\\ 12,981\\ 5,060\\ 8,000 \end{array} $	$\begin{array}{c} 6,350\\ 14,804\\ 6,000\\ 6,152\\ 7,042\\ 10,345\\ 10,321\\ 8,753\\ \end{array}$	$^{14,500}_{14,000}_{9,420}_{9,420}_{10,000}$	17,817	
150,000	${}^{140,000}_{200,000}_{175,000}_{60,000}$	$^{*}$ 141,000 121,000 200,000 75,000	$\begin{array}{c} 80,000\\ 75,100\\ 68,850\\ 59,500\\ 69,600\\ 85,000\\ 88,000\\ 88,000\\ 80,000\\ \end{array}$	64,000 70,000 20,000	$\begin{array}{c} 13,000\\ 5,000\\ 7,000\\ 7,000\\ 50,000\\ 26,000\\ 26,750\end{array}$	$\begin{array}{c} 40,600\\ 15,000\\ 60,000\\ 35,000\end{array}$	77,576	
	$^{1,650}_{1,750}$ $^{1,750}_{1,727}$	$^{2,800}_{1,600}$	1, 739 1, 739 1, 135 1, 392 1, 392 1, 075 1, 494 1, 494	(659) $(848)$ $(848)$ $(1, 300)$ $(1, 300)$	$\begin{array}{c} 1,100\\ 1,300\\ 1,300\\ 1,150\\ 800\\ 952\\ 950\\ 900 \end{array}$	$^{1,200}_{1,200}$	1,200	
12	5.00	0 00 -1 00	6 12 15 15 15 10 15 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	10 6 2 33	400000400	00770	61	lool.
48	52 50 43 37	$^{45}_{30}$	2326	19 22 23 29 29	$\begin{array}{c} 334\\ 13\\ 13\\ 27\\ 12\\ 21\\ 12\\ 21\\ 12\\ 23\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 22\\ 12\\ 1$	$ \begin{array}{c} 31 \\ 17 \\ 22 \\ 17 \\ 17 \end{array} $	27	zh scl
42	41 85 85 85 85 85 85 85 85 85 85 85 85 85	40 24 31 31	22 23 23 23 23 23 23 23 23 23 23 23 23 2	18 22 13 27	$\begin{array}{c} 229\\ 12\\ 12\\ 13\\ 12\\ 15\\ 12\\ 15\\ 12\\ 12\\ 12\\ 12\\ 12\\ 12\\ 12\\ 12\\ 12\\ 12$	128     128     113     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115     115	25	in hig
9	$^{11}_{25}$	1010010	-101000-0	5.5 0.1	1000200	co 4ª co ci	53	nent
73		11 8 6 8	· · · · · · · · · · · · · · · · · · ·		0	0 0		ulloru
1, 494	${}^{1,431}_{1,354}$	$1,567\\1,267\\1,272\\654$	1, 118 858 891 719 902 902	404 688 688 716 730	$\begin{array}{c} 580\\ 1,034\\ 564\\ 695\\ 624\\ 636\\ 636\\ 609\\ 609\end{array}$	1,200 *525 1,174 700	986	include e
254,921	250, 691 253, 571 218, 583 218, 583 259, 040	$\begin{array}{c} 273,921\\ 154,372\\ 226,416\\ 117,720\end{array}$	$\begin{array}{c} 135 \\ 135 \\ 195 \\ 650 \\ 161 \\ 266 \\ 161 \\ 266 \\ 161 \\ 200 \\ 130 \\ 130 \\ 130 \\ 130 \\ 130 \\ 130 \\ 130 \\ 130 \\ 100 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\ 180 \\$	74,837 122,838 122,838 94,380	$\begin{array}{c} 104,400\\ 184,034\\ 99,863\\ 1121,485\\ 112,366\\ 111,356\\ 111,356\\ 120,420\\ 120,420\\ \end{array}$	216,000 *92,400 211,320 123,900	171,564	a Does not include enrollment in high school.
174	177 188 188 188	176 175 178 180	185 175 188 188 181 181 180 180 180	185 180 160 158	180 177 177 175 175 180 180 180	176 176 177 177	174	0
1,892	$\begin{array}{c} 1,832\\ 1,801\\ 1,661\\ 1,661\\ 1,994 \end{array}$	$ \begin{array}{c} 1,960\\ 1,236\\ 1,903\\ 505 \end{array} $	$\begin{smallmatrix} 1, 558\\ 1, 136\\ 1, 263\\ 1, 263\\ 1, 263\\ 1, 263\\ 1, 263\\ 1, 276\\ 1, 171\\ 1, 171\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1, 276\\ 1,$	$\begin{array}{c} 634\\ 1,148\\ 955\\ 1,210\end{array}$	$\begin{array}{c} 1,258\\ 1,258\\ 758\\ 1,046\\ 963\\ 903\\ 974 \end{array}$	${}^{1,530}_{*644}$	1,216	
937	940 927 878 878 1,045	957 615 999 460	444 502 604 625	298 595 650 650	$682 \\ 682 \\ 682 \\ 515 \\ 515 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 \\ 529 $	* 340 738 522	219	
955	892 874 783 949	$\begin{array}{c} 1,003\\ 621\\ 904\\ 445\\ \end{array}$	414 429 567 567	553 553 560	576 350 490 448 445	* 742 * 304 566 400	599	
150	$^{0}_{* 324}$	* 100 300 25	650 38 38 38 38 38 551 551	548 548 150 200	420 300 200 100 0	150 * 250 150 40	250	
2, 364	$1,656\\2,117\\2,156\\1,995$	2,050 1,258 2,121 1,400	$1,864 \\ 1,864 \\ 1,532 \\ 1,532 \\ 1,532 \\ 1,554 \\ 1,554 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,274 \\ 1,27$	1,701 1,701 1,250	$\begin{array}{c}1,444\\1,891\\\dots\\841\\1,554\\1,558\\1,658\\1,639\\1,400\end{array}$	2,400 1,200 1,600 1,616	1,755	f 1903-4.
5-17	5-17 5-17 5-17 5-17	$\begin{array}{c} 6-21 \\ 6-21 \\ 6-21 \end{array}$	4-16 4-16 4-16 4-16 4-16 4-16 5-16	5-16 4-16 6-21 6-21	6-18 6-18 6-18 6-18 6-18 6-18 6-18 6-18	6-18 6-18 6-18 6-18 6-16	6-21	*Statistics of 1903-4
6,150	$ \begin{array}{c} 5,007\\ 4,933\\ 6,587\\ 5,659\\ 6,673 \end{array} $	$\begin{array}{c} 6,150\\ 3,775\\ 5,345\\ 4,986\end{array}$	7,930 5,572 5,572 5,572 5,835 5,804 5,804 5,804 5,247	$ \begin{array}{c} 4,017\\ 6,804\\ 4,013\\ 4,272 \end{array} $	$\begin{array}{c} 4, 606\\ 7, 674\\ 3, 834\\ 6, 857\\ 6, 857\\ 4, 274\\ 4, 274\end{array}$	$ \begin{array}{c} 4,219\\ 7,291\\ 5,613\\ 5,919\\ 6,919 \end{array} $	4,046	*Sta
San Bernardino	Sant Anauer Santa Ana Santa Barbara Santa Cruz Santa Rosa	coLORADO. Boulder Canyon City. Trinidad. Vletor	connection. Derby Last Hartford Huntington* Killuary New Milord Southington. West Haven*	Westport Winsted FLORIDA. Lake City St. Augustine	GEORGIA. Albany. Anbarotens Dalton*. Bloteron. Gainesville Lagrange Marietta.	Milledgeville	IDANO. Pocatello	
22	2524 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526 2526	$^{20}_{31}$	$33 \\ 36 \\ 36 \\ 37 \\ 38 \\ 36 \\ 37 \\ 32 \\ 32 \\ 32 \\ 32 \\ 32 \\ 32 \\ 32$	40 41 43 43	$444 \\ 466 \\ 467 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 \\ 468 $	52 55 55 55 55 55 55 55 55 55 55 55 55 5	57	

CITY SCHOOL SYSTEMS.

					r																		+				
ereners guisiv	Salaries of t and superv officers.	19		\$12,905	26,400	22,487	14,027	12, 138 17, 750	16,400	8,352	16,022	0, 241	11,000	8,429	12,800	13,500	13,565	23, 395 6 870	13, 193	9,000	16,460	9,503	19 600	16,005	0.0	8,850	15,000
, scµooj c brob-	Value of publi erty used for purposes.	18		\$50,000	30,000	152, 278	50,000	73 390	150,000	36,000	105,000	40,000	* 75,000	56,681	69,000 75,000	15,000	70,000	25,000	65,000	55,000	56,000	48,000	000 07	90,000	000 000	80,000 65,000	100,000
rof s2n offdud	Seats or sitti study in all schools.	11		1,425	000	1,800	1,602	1,140	1,200	1,100	1,400	1,200	006	714	1,050	1,424	1,100	1,529	1,106	1,100	1,870	650	1 100	1,455		750	1,200 1
ed for oses.	Buildings use	16		00 C	2120	5	<b>-</b> -	<del>4</del> " 04	000	4,1	n ,	4ª C1	0.0	C1 1	n cu	9 4	4	× 00	# 1.G	9	4	ero	2	ົຕ		4 m	4 1
ach-	.IstoT	15		28	3 R	4	33.9	38	38	19	200	88	22	15	22	20 20	26	28	33	22	36	24		98		29 19	1 12
Regular teach- ers.	.nomoW	14		26	38	98 98	55	28	3 89	16	22	18	19	13	218	323	24	57 2	20	202	27	22		587		16 23	71
Regu	.пэМ	13		01-		9	41 V	<u>ہ</u> د		°≎ (	0:	ۍ در ا	101	2	0 -		61	50	2 cr	9 <del>4</del> 1	6	01		* 7		00	0
ficers.	flo Saisivi9quZ	12		010	2	~		N -	- 01	, I	ιņ,			<u>م</u>		2	0				-	-	¢	- 1		- 01	-
-bastte	Атегаде daily s апсе.	11		922	1,224	1,478	1,411	5-50 1 9,88	966 996	800	086	979	200	616	869 576	1,027	821	1,260	750	006	1, 349	874	046	1, 101		531	8961
to rədn ance of	Aggregate nun Aggregate nun attond lla. all pupils.	10		114 464	114,404 236,232	260, 158	232,826	948 669	182,309	127,200	186,211	141,311	133,000	123, 166	151,167 119,800	178,827	161,691	246,257	138, 750	162,000	237, 345	151, 202	167 000	199, 944	001 01	143, 789 95, 657	170, 168
	Number of da schools were sily in sessio	6		184	193	176	165	1061	183	159	130	103	190	200	106	e 167	192	193	185	180	176	173	167	181		80	190 1
Different pupils enrolled in pub- lic day schools.	.ІвтоТ	æ		1,140	1,398	1,880	1,687	1 703	1,267	1,124	1,224	1,120	756	762	1,078	1.301	1,045	1,671	1.058	1,100	1,749	1,230	1 100	1,412	000	803 693	1 T, 183 I
ent olled i lay sc	.shiD	-		575	340 684	992	860	497 799	629	547	623	003	406	385	516 307	684	529	202 201	534	560	871	209	605	741	ļ	341	288
Different enrollec lic day	Boys.	9		565	300	888	827	020	809	577	596	770	350	377	22 8 20 20 20 20 20 20 20 20 20 20 20 20 20	617	516	800 800 800	524	540	878	623	105	671	101	352	595 1
bns ste sloois.	Pupils in prive parochial ach	ю		65	340		158	75	28	800	0 1	125	225	153	*118	202	50	324	3 %	* 125	0	378	250	200		e/1 99*	1 009
	Children of sch. .926 sus	4		1,535	1,914	2,068	2,222	1, 902 9, 603	1,500	2,040	1,639	2,300	*1,478	1,275	1 101	1,576		2,764	1.252	1,100	2,430	1,921	007 6	1,925		1,250	2,400 1
•ə3t	s sususs loods2	e		6-21 6-21	6-21 6-21	6-21	6-21 6 -21	12-0	6-21	6-21	5-2	12-0	6-21	6-21	6-21	6-21	6-21	5-5 9 9	6-21	6-21	6-21	6-21	6 91	6-21		6-21	17-9
io susn	Population, ce. 1900,	લ		4,827	0, 93/ 6, 114	6,564	6,721	0,488 7 100	4,452	4,021	5,904	4,303	5,005	$\frac{4}{2},085$	5, 395 3, 060	5.918	5,375	4,532	4, 273	4,311	5,216	6, 463	4,260	6, 105	6,863	4,200 4,023	6,214
	City.	1	ILLINOIS.	Beardstown	Belvidere (north side) Blue Island *	Canton.	Centralia a	Chinego Heichts	Clinton.	Collinsville	De Kalb	Duquoin. Edwardsville *	Galena	Harlem	Harvey. Lagranga	Litchfield	Macomb	Maywood d	Morris	Mount Carmel	Mount Vernon	Murphysboro	Olney.	Paris	Peru	Princeton a.	Spring Valley
				58	R 8	61	62	5.03	5.5	99	29	200	22	2	22	24	75	92	:22	62	8	81	228	88	85	86	88

TABLE 14.—School statistics of cities and villages containing between 4,000 and 8,000 inhabitants, 1904–5—Continued.

EDUCATION REPORT, 1905.

 $\mathbf{20}$ 

Total expenditure.

\*\*8.80,472 \*\*16,000 89,147 89,147 89,147 89,147 89,147 89,200 86,322 89,200 86,322 81,500 86,322 81,500 86,322 81,500 86,322 81,500 81,500 83,200 83,200 83,200 83,200 83,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,200 84,

16,000.....  $13,500\\20,000$ ••••••

$\begin{array}{c} 16,734\\ 8,467\\ 13,240\\ 27,359\end{array}$	3, 2000 3,	30,000 $20,000$	$\begin{array}{c} 20,060\\ 26,400\\ 32,329\\ 15,499\end{array}$	
$\begin{array}{c} 10,865\\ 6,005\\ 7,480\\ 19,700\end{array}$	15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000	15,000 15,400	13, 345 16, 989 16, 000 *	
$\begin{array}{c} 80,000\\ 50,000\\ 41,250\\ 77,400 \end{array}$	139,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 101,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000 100,0000 100,0000 100,0000 100,00000000	75,000 125,000	$\begin{array}{c} c0.\ 000\\ 97,\ 480\\ 81,\ 000\end{array}$	hool.
800 500 1, 500	**************************************	1,500 1,800	$1,200 \\ \frac{2}{1,120}$	d Includes Melrose Park. e Does not include high school.
40 00	4 4 4 4 5 4 10 4 10 8 0 4 0 0 10 10 10 10 10 10 4 4 4 10 10 0 00 00 00	6 4	কা 1ট কা কা	felros inclue
10 15 36	88822288888888888888888888888888888888	32	26 24 24	des A
29 14 29	$20^{-12}$	27 31	26 29 23	Inclu Does
00	80000000000000000000000000000000000000	1 53	0141	d e
15 10	88789799999999999999999999999999999999		1140	
$ \begin{array}{c} 686 \\ 324 \\ 544 \\ 1, 257 \end{array} $	$\begin{array}{c} 1,301\\ 1,272\\ 1,272\\ 1,127\\ 1,127\\ 1,124\\ 1,273\\ 1,273\\ 1,273\\ 1,273\\ 2,25\\ 1,273\\ 2,25\\ 1,123\\ 2,25\\ 1,125\\ 2,25\\ 1,125\\ 2,25\\ 1,125\\ 2,25\\ 1,125\\ 2,25\\ 1,125\\ 2,25\\ 1,125\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\ 2,25\\$	1,260 1,464	$\begin{array}{c} 871 \\ 855 \\ 1, 292 \\ 823 \end{array}$	
$\begin{array}{c} 126, 279\\ 61, 046\\ 89, 254\\ 231, 242\\ \end{array}$	9460 950 950 952 953 953 955 955 955 955 955 955 955 955	400 520	780 560 689	s.
	234, 180 167, 950 167, 950 167, 950 167, 950 167, 950 167, 950 187, 753 187, 753 197, 753 197, 753 197, 753 197, 753 197	176, 263,	$\begin{array}{c} 157, 780\\ 151, 335\\ 232, 560\\ 145, 699\end{array}$	2 day days.
184 188 164 185	200 1778 1778 1778 1778 1776 1776 1776 1776	140	180 177 180 177	to 12, 18 1001, 188
$\begin{array}{c} 835\\ 405\\ 405\\ 1,578\\ \end{array}$	$\begin{array}{c} 1, 600\\ 1, 700\\ 1, 700\\ 1, 770\\ 1, 770\\ 1, 770\\ 1, 770\\ 1, 233\\ 1, 233\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\ 1, 230\\$	1,875 1,819	1,079 1,122 1,614 1,080	<sup>b</sup> Grades 7 to 12, 182 days. <sup>c</sup> High school, 188 days.
$\frac{419}{195}$ 357 806	$\begin{array}{c} 851 \\ 6547 \\ 6588 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860 \\ 860$	980 974	596 555 555 571	Q C
416 210 361 772	$\begin{array}{c} 749\\ 866\\ 866\\ 850\\ 856\\ 856\\ 856\\ 856\\ 856\\ 856\\ 856\\ 828\\ 856\\ 828\\ 856\\ 828\\ 828\\ 828\\ 828\\ 828\\ 828\\ 828\\ 82$	895 845	483 567 509 509	
$\begin{array}{c} 125\\70\\56\end{array}$	$\begin{smallmatrix} & 0 & 0 \\ & 127 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ & 200 \\ $	* 364	0900	
$\begin{array}{c} 1,040\\ 715\\ 2,246\end{array}$	Provide a state of the state of	$^{2,225}_{*1,500}$	$^{1,236}_{1,389}$ $^{2,078}_{1,236}$	school.
6-21 6-21 6-21 6-21 6-21	<b>5</b> <b>5</b> <b>5</b> <b>5</b> <b>5</b> <b>5</b> <b>5</b> <b>5</b>	6-20	5-21 5-21 5-21	ıde high
$\left. \begin{array}{c} 6,309\\ 5,728\\ 5,728 \end{array} \right  \left. \left. \begin{array}{c} 4\\ 5\\ 2\end{array} \right  \right. \right.$	$\begin{array}{c} 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\ 8.8 \\$	5, 681 4, 254	5,046 5,319 5,256 3,989	of 1903–4. do not include high school.
Sterling: District No. 3 (Union) school) 0. 3 (Viol District No.8 (Wallace) school No.8 (Wallace) Taylorville. Urbana.	Bedford	Ardmore. Muskogee IOWA.	Atlantic Cedar Padls Centerville Chariton *	*Statistics of ] a Statistics do :
89 91 92	95 95 95 95 95 95 95 95 95 95 95 95 100 100 100 100 100 100 100 100 100 10	$122 \\ 123$	$124 \\ 125 \\ 126 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 \\ 127 $	

EDUCATION REPORT, 1905.

m.e.	tibnəqxə Isto $\mathbf{T}$	20		\$23,000 29,000 29,000 33,684 15,000 33,000 33,000 16,000 18,000 18,000 18,000 18,000 20,000 20,000 28,000		$\begin{array}{c} 14,692\\ 19,156\\ 19,156\\ 20,000\\ 21,331\\ 17,300\\ 18,200\\ 12,813\\ 30,6813\\ 30,6813\\ 30,6813\\ 30,6813\\ 11,199\\ 11,199\end{array}$
	Salaries of te and superv officers.	19		$\begin{smallmatrix} & 314, 910\\ & 313, 208\\ & 131, 208\\ & 111, 208\\ & 111, 208\\ & 111, 208\\ & 111, 208\\ & 122, 000\\ & 122, 000\\ & 122, 000\\ & 122, 000\\ & 14, 500\\ & 14, 500\\ & 14, 500\\ & 14, 500\\ & 14, 500\\ & 14, 500\\ & 14, 500\\ & 14, 500\\ & 11, 10, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100\\ & 100, 100, 100\\ & 100, 100, 100\\ & 100, 100, 100\\ & 100, 100, 100\\ & 100, 100\\ & 10$		$\begin{array}{c} 111,280\\ 145,200\\ 155,000\\ 17,260\\ 13,100\\ 13,100\\ 20,000\\ 20,000\\ 20,000\\ 15,670\\ 115,822\\ 117,730\\ 8,150\\ 8,150\\ 8,150\\ \end{array}$
school s prop-	Value of public erty used for purposes.	18		$\begin{array}{c} \$105,000\\ 106,000\\ 135,000\\ 135,000\\ 135,000\\ 255,000\\ 65,000\\ 65,000\\ 65,000\\ 61,000\\ 100,000\\ 80,000\\ 50,000\\ 80,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,000\\ 100,$		60,000 150,000 150,000 150,000 84,000 85,000 88,000 125,000 125,000 125,000 125,000
public public	Seats or sittir study in all schools.	17		$\begin{smallmatrix} & 901 \\ 1660 \\ 1,660 \\ 1,000 \\ 1,000 \\ 1,074 \\ 1,074 \\ 1,074 \\ 1,074 \\ 1,020 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,260 \\ 1,2$		$\begin{array}{c} 1,300\\ 1,750\\ 2,000\\ 1,850\\ 1,850\\ 1,250\\ 1,500\\ 1,500\\ 1,450\\ 1,450\\ 1,524\end{array}$
	Buildings use	16		ち こ シ こ こ こ み じ こ ち す こ じ ら ち み		999940999949999
ach-	.IstoT	15		8095597554133759333550 8095564133759333550 80955641337593333550 80955641337593333550 80955641337593333550 80955641337593333550 80955641337593333550 80955641337593333550 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 8095564133750 809556413750 809556413750 809556413750 809556413750 809556413750 809556413750 809556413750 809556413750 809556413750 809556413750 809556413750 809556413750 809556413750 809556413750 809556413750 8095564413750 8095564413750 8095564413750 8005564413750 8005564410 8005564410 8005564410 8005564410 8005564410 80055644100000000000000000000000000000000		$\begin{array}{c} 22\\ 23\\ 23\\ 23\\ 23\\ 23\\ 23\\ 25\\ 23\\ 23\\ 23\\ 23\\ 23\\ 23\\ 23\\ 23\\ 23\\ 23$
Regular teach- ers.	.пэтоW	14		222 222 222 222 222 222 222 222 222 22		$\begin{array}{c} 22\\ 23\\ 25\\ 23\\ 25\\ 23\\ 25\\ 23\\ 25\\ 23\\ 25\\ 23\\ 25\\ 23\\ 25\\ 23\\ 25\\ 23\\ 25\\ 23\\ 25\\ 23\\ 25\\ 23\\ 25\\ 23\\ 25\\ 23\\ 25\\ 23\\ 25\\ 23\\ 25\\ 23\\ 25\\ 23\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25$
Regu	.nsM	13		00000011001007440		44040010-0004
jcers.	fto znisiv19quZ	12		40140000101000401		
-bnstta	А Verage daily s алсе.	11		$\begin{smallmatrix} & 780\\ & 1,388\\ & 775\\ & 775\\ & 775\\ & 736\\ & 736\\ & 736\\ & 736\\ & 736\\ & 736\\ & 736\\ & 736\\ & 736\\ & 736\\ & 736\\ & 838\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 849\\ & 8$		$\begin{smallmatrix} 1,062\\1,278\\1,539\\1,476\\1,300\\1,153\\1,153\\1,153\\1,167\\1,147\\1,184\\1,184\end{smallmatrix}$
to sont to sont	Aggregate nun days' attenda all pupils.	10		138, 060 136, 402 134, 710 134, 710 133, 665 103, 665 103, 665 126, 720 121, 729 121, 729 120, 729 120		$\begin{array}{c} 170,037\\ 201,924\\ 223,162\\ 233,330\\ 187,968\\ 187,908\\ 187,908\\ 127,800\\ 127,800\\ 127,800\\ 127,800\\ 127,800\\ 127,800\\ 127,800\\ 237,928\\ 202,221\\ 202,221\\ 202,221\\ 202,221\\ 202,221\\ 202,221\\ 202,221\\ 202,221\\ 202,221\\ 202,221\\ 202,221\\ 202,221\\ 202,221\\ 202,221\\ 202,221\\ 202,221\\ 202,221\\ 202,221\\ 202,221\\ 202,221\\ 202,221\\ 202,221\\ 202,221\\ 202,221\\ 202,221\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,222\\ 202,2$
-nibe :	sb to rsdmuN schools oissss ni∙ylls	6		177 176 176 176 176 176 176 176 176 176		100 1128 1128 1128 1128 1128 1128 1128 1
1 in pub- schools.	.IstoT	œ		$\begin{array}{c} 1,080\\ 982\\ 982\\ 951\\ 951\\ 951\\ 1,781\\ 951\\ 1,781\\ 874\\ 874\\ 874\\ 1,462\\ 874\\ 1,462\\ 1,252\\ 1,252\\ 1,252\\ 1,252\\ 1,269\\ 1,143\\ 1,143\end{array}$		$\begin{smallmatrix} 1,309\\1,302\\1,303\\1,303\\1,303\\1,303\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,323\\1,$
ent illed i ay sc]	.sItið	•		594 517 517 519 509 509 467 471 471 471 595 595		$\begin{array}{c} 707\\ 854\\ 953\\ 953\\ 953\\ 953\\ 820\\ 820\\ 820\\ 820\\ 724\\ 785\\ 785\\ 767\\ 767\\ 767\\ 767\\ 767\\ 767\\ 767\\ 76$
Different enrolled lic day sc	Boys.	9		$\begin{array}{c} 486\\ 465\\ 882\\ 882\\ 539\\ 882\\ 539\\ 882\\ 882\\ 882\\ 882\\ 882\\ 882\\ 882\\ 88$		602 602 783 602 632 647 647 647 647 504 732
bns stu sloois.	avirq ni sliqu¶ fəs fsidəoraq	5		* 43 0 133 * 50 206 206 0 0 15 120 120 25		250 0 120 120 150 68
	dəz to nərblidƏ .938 suz	4		$\begin{smallmatrix},&281\&172\&172\&172\&172\&172\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&123\&1$		$\begin{array}{c} 2,004\\ 2,004\\ 2,002\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,$
រនិទ.	s ananso loodo2	e				5-21 5-22 5-23 5-23 5-23 5-23 5-23 5-23 5-23
lo susa	Population, ce 1900.	2		$\begin{smallmatrix} & 3, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, $		5, 878 6, 140 6, 208 5, 953 5, 9191 5, 245 554
	City.	1	IOWA-continued.	Charles City Chearles City Cheston Cheston Fairfield Fairfield Grinnell Lemars Mason City Mason Nalley Mason Nalley Missouri Valley Mouth Plaasant Perry Red Oak Washington Webster City	KANSAS.	Argentine Arkanaus City Arkanaus City Coffeyvile Undependence Junetion City Newton. Osa watomie * Osa watomie * Salina. Winfligon * a
				128 132 132 133 133 133 133 133 133 133 133		$\begin{array}{c} 143\\ 144\\ 145\\ 146\\ 146\\ 147\\ 150\\ 150\\ 151\\ 151\\ 153\\ 153\\ 153\\ 154\\ 154\\ 154\\ 154\\ 154\\ 154\\ 154\\ 154$

TABLE 14.-School statistics of cities and villages containing between 4,000 and 8,000 inhabitants, 1904-5-Continued.

#### CITY SCHOOL SYSTEMS.

	$\begin{array}{c} 18,964\\ 16,964\\ 16,971\\ 7,829\\ 13,625\\ 14,020\\ 5,100\\ 5,100\\ 6,13,206\\ c13,206\end{array}$		5, 242 20, 480 16, 000 9, 615		14,682 14,283 14,283 19,120 10,109 16,009 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,709 116,	
	$\begin{array}{c} 13, 144\\ 5, 730\\ 5, 730\\ 5, 730\\ 5, 240\\ 5, 240\\ 12, 300\\ 12, 300\\ 12, 300\\ 5, 650\\ 11, 571\\ 11, 571\\ \end{array}$		$^{*7}_{6,500}$ $^{6,500}_{6,500}$ $^{4,485}_{17,480}$ $^{17,480}_{15,500}$ $^{8,415}_{8,415}$		$\begin{array}{c} 10,674\\ 9,738\\ 9,738\\ 16,229\\ 11,200\\ 11,200\\ 12,257\\ 12,272\\ 12,257\\ 13,257\\ 13,257\\ 13,272\\ 11,701\\ 13,186\\ 11,701\\ 13,186\\ 11,701\\ 13,186\\ 11,701\\ 13,186\\ 11,701\\ 13,186\\ 11,701\\ 13,186\\ 11,701\\ 13,186\\ 11,701\\ 13,186\\ 12,16\\ 12,16\\ 13,186\\ 12,16\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,186\\ 13,1$	у.в.
	$\begin{array}{c} 77, (81)\\ 50, 000\\ *, 75, 000\\ 81, 000\\ 50, 000\\ 85, 000\\ 6, 000\\ 85, 000\\ 82, 500\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83, 000\\ 83$		$\begin{array}{c} 40,000\\ 35,000\\ 85,000\\ 85,000\\ 40,000\\ \end{array}$		20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20         20<	hool, 180 days. schools, 96 days.
	$\begin{array}{c} 1,500\\ 1,050\\ 675\\ 1,000\\ *874\\ *874\\ 750\\ 800\\ 600\\ 950\end{array}$		$1, 754 \\ 764 \\ 764 \\ 764 \\ 764 \\ 764 \\$		$\begin{array}{c} 950\\ 950\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,200\\ 1,200\\ 1,200\\ 1,300\\ 1,300\\ 1,324\\ 1,324\\ 1,324\\ 1,324\\ 1,100\\ 1,100\\ 1,100\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\ 1,120\\$	Scl
-	00000004000 *		4.000.000		0112288 8112121212121 101212121212121212 1012121212	d High e Color
	$\begin{array}{c} & & & & & & \\ & & & & & & & \\ & & & & $		$115 \\ 115 \\ 115 \\ 233 \\ 233 \\ 233 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 \\ 117 $		2016 334452323355555555555555555555555555555	
	$10^{+22}$		10 112 117 116		$\begin{array}{c} * \\ * \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150$	
-	***************************************				* <sup>*</sup> <sup>*</sup> <sup>*</sup> <sup>*</sup> <sup>*</sup> <sup>*</sup> <sup>*</sup> <sup>*</sup>	lool.
			01		まましてしのよししののして しのし	ed scł
	$\begin{array}{c} 1,145\\ 788\\ 788\\ 756\\ 300\\ 1,090\\ 528\\ 374\\ 963\\ 963\end{array}$		${}^{626}_{145}_{1773}_{7773}_{703}$		$\begin{array}{c} 740\\ 740\\ 720\\ 715\\ 705\\ 839\\ 839\\ 839\\ 839\\ 839\\ 839\\ 839\\ 839$	of color
	$\begin{array}{c} 206,100\\ 191,600\\ 85,940\\ 85,940\\ 144,396\\ 54,300\\ 124,396\\ 124,390\\ 122,450\\ 122,450\\ 122,420\\ 132,420\\ 134,934\\ 184,934\\ 184,934\\ \end{array}$		$\begin{array}{c} 95,778\\95,778\\75,205\\271,254\\85,315\\122,500\end{array}$		122,100 122,130 217,226 123,275 141,780 156,570 198,810 198,810 198,810 198,810 198,810 198,810 198,810 115,624 115,624	b For white schools only. c Includes property, etc., of colored school
	180 200 191 191 192 195 195 195 195		175 153 169 153 175		165 172 172 185 185 173 173 173 173 173 173 173 173 173 173	white sch ides proj
	$\begin{smallmatrix} 1,492\\958\\775\\939\\857\\1,100\\750\\827\\827\\1,218\\1,218\end{smallmatrix}$		$1,060\\855\\656\\1,998\\735$		$\begin{smallmatrix} 682\\938\\938\\948\\948\\948\\954\\1,067\\1,167\\889\\1,107\\889\\1,107\\889\\1,107\\889\\1,107\\889\\1,107\\889\\1,107\\889\\1,107\\1,107\\889\\1,100\\1,100\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,007\\1,$	b For v c Inclu
A	$\begin{array}{c} 760\\ 474\\ 474\\ 450\\ 584\\ 450\\ 450\\ 223\\ 450\\ 645\\ 645\\ 645\end{array}$		560     560     340     350     385     385     385		472 400 440 553 553 553 553 553 553 553 553 553 55	
	$\begin{array}{r} 732\\ 4175\\ 405\\ 576\\ 576\\ 324\\ 370\\ 577\\ 577\\ 577\\ 577\\ 577\\ 577\\ 577\\ 5$		500 418 315 948 350 350		466 409 415 421 526 526 534 536 536 607 477 536	l.
	200 554 100 185 185 150 150 150		400 250 200 * 300		$\begin{array}{c} & 0\\ & 824\\ & 824\\ & 0\\ & 0\\ & 0\\ & 0\\ & 0\\ & 0\\ & 0\\ & $	çh schoo
	$\begin{smallmatrix} & 1,921 \\ & 2,010 \\ & 1,519 \\ & 1,519 \\ & 1,568 \\ & 1,375 \\ & 1,568 \\ & 1,568 \\ & 1,568 \\ & 1,568 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & 1,566 \\ & $		$2,000\\1,200\\*3,000\\*2,000\\*2,000$		$\begin{array}{c} 1,001\\ 1,301\\ 2,011\\ 1,742\\ 1,742\\ 1,742\\ 2,551\\ 2,552\\ 2,751\\ 2,751\\ 2,751\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,$	unty hig
	6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20 6-20		$\begin{array}{c} 6-21 \\ 6-18 \\ 6-18 \\ 6-18 \\ 6-18 \\ 6-18 \\ 6-18 \\ 6-18 \end{array}$		5-22 5-52 5-52 5-22 5-22 5-22 5-22 5-22	nner Co
	$\begin{array}{c} 6,800\\ 6,800\\ 6,333\\ 6,102\\ 6,102\\ 8,282\\ 3,823\\ 6,102\\ 6,102\\ 6,102\\ 6,103\\ 5,964\\ 653\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ 6,53\\ $		$\begin{array}{c} 5, 648 \\ 4, 214 \\ 4, 105 \\ 6, 680 \\ 6, 815 \\ 6, 815 \end{array}$		$\begin{array}{c} \textbf{4}, 0.15\\ \textbf{7}, 5, 535\\ \textbf{7}, 5, 535\\ \textbf{7}, 5, 531\\ \textbf{7}, 5, 301\\ \textbf{7}, 5, 301\\ \textbf{7}, 5, 301\\ \textbf{7}, 283\\ \textbf{7}, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,$	lude Sur
KENTUCKY.	Ashland Bellevue Bellevue Dayton Dayton Georgetown Maysville Maddlesboro Richmond b Richmond b	LOUISIANA.	Alexandria Crowlcy* Donadsonville Lake Charles Monroe New Iberia	MAINE.	Belfast Brunswic Brunswic Galais Calais Carliner Houten. Didtown Satori Satori Satori Satori Satori. Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Matheon Mat	* Statistics of 1903-4. « Statistics do not include Summer County high school
	$\begin{array}{c} 155\\ 156\\ 157\\ 158\\ 159\\ 160\\ 161\\ 161\\ 163\\ 163\\ 165\\ 165\\ 165\\ 165\\ 165\\ 165\\ 165\\ 165$		$166 \\ 168 \\ 168 \\ 168 \\ 168 \\ 168 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 \\ 171 $		$\begin{array}{c} 172\\177\\177\\177\\177\\177\\181\\182\\1881\\1882\\1882$	

.91U3	ibnəqzə IstoT	20	82,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1,100 1
srehers Vising	Salaries of and super officers.	19	22,23,23,23,23,23,23,23,23,23,23,23,23,2
ie prop- 100452	Value of publ erty used fo purposes.	18	8150,000 145,000 155,000 155,000 155,000 155,000 155,000 155,000 155,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 150,000 10
in public	Seats or sitti study in al schools.	17	1,000 1,200 1,200 1,400 1,400 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,200
tot for oses.	Buildings us	16	00000000000000000000000000000000000000
ach-	.IstoT	15	224822382823888888888888888888888888888
lar te ers.	.nomen.	14	22232228885522224282282282828282828282828283
Regular teach ers.	.neM	13	8880922404020040048048484048484046
	o gnisivreque	12	※4688666484444688884488848488488488488488
-bn9t1s	діізр эзвтэуд .9208	11	884 1,026 1,026 1,026 1,026 1,151 1,036 1,151 1,036 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,046 1,
to rodm to sonst	Aggregate nu days' atten all pupils.	10	159, 276 111, 275 111, 275 111, 275 111, 275 111, 275 111, 275 112, 286 112, 286 113, 275 113, 275 114, 575 114, 575 115, 575 115
-nise 9. avi sva	d fo redund schools ally in sessi-	6	177 177 188 188 188 188 188 188 188 188
Different pupils enrolled in pub- lic day schools.	.IstoT	œ	1, 200 1,
ent illed i ay sc	.sItiD	2	517 517 517 517 517 517 517 517
Different enrolled lic day	Boys.	e	446 446 446 446 446 446 446 446
	virq ni sliqu¶ parochial se	2	**************************************
	Children of sel ga aus	4	855 855 855 855 855 855 855 855 855 855
9Z6*	suanso loofis2	e	СССС 00 00 00 ССС 00 00 СС 00 00 СС 00 00
to susna	9 ,noitsluqof. 1900.	63	4.0.054.000004.057.04.04.07.04.04.054.55.46.044.0 84.018.058.058.059.04.054.0704.054.55.46.044.0 85.018.058.059.054.0554.0506.0516.054.0506.054.0506.054.0506.054.0506.054.0506.054.0506.054.0506.0566.056
	City.	I	MASSACHUSETTS. Abington Amdorer Andover Andover Blackstone Blackstone Blackstone Blackstone Blackstone Braintree Brankin Concord Concord Concord Brashampton Brashampton Concord Concord Carlton Blackstone Brashin Carlton Blackstone Brashin Concord Carlton Blackstone Blackstone Brashin Brashinen Manshead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehean Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marbiehead Marb

TABLE 14.—School statistics of citics and villages containing between 4,000 and 8,000 inhabitants, 1904-5-Continued.

$\begin{array}{c} \begin{array}{c} 29,108\\ 20,108\\ 31,207\\ 31,207\\ 31,207\\ 31,207\\ 31,207\\ 31,207\\ 32,346\\ 32,5199\\ 31,290\\ 31,290\\ 31,290\\ 32,579\\ 35,096\\ 35,096\\ 35,096\\ 35,004\\ 35,004\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 35,006\\ 3$	27, 155 28, 413 28, 413 18, 076 18, 076 115, 359 29, 066 29, 077 29, 177 29, 177 29, 177 29, 177 29, 177 29, 177 29, 177 29, 177 29, 177 20, 1
$\begin{array}{c} \begin{array}{c} 19,059\\ 2,757\\ 2,757\\ 155,154\\ 154\\ 154\\ 11,039\\ 11,039\\ 2,478\\ 11,099\\ 12,929\\ 13,228\\ 11,979\\ 12,978\\ 13,228\\ 11,979\\ 12,978\\ 13,528\\ 13,528\\ 13,528\\ 13,528\\ 13,528\\ 13,528\\ 13,528\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13,558\\ 13$	13, 885 16, 22, 235 17, 235 11, 352 15, 450 15, 607 15, 607 15
$\begin{array}{c} 138,500\\ 138,500\\ 100,660\\ 100,660\\ 100,660\\ 100,660\\ 100,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,000\\ 138,0$	75,000         13,885           75,000         13,885           75,000         13,885           75,000         13,885           85,000         13,885           85,000         13,885           85,000         18,390           85,000         18,391           85,000         18,391           86,000         18,731           86,000         18,731           87,000         15,733           100,000         14,730           175,000         13,731           175,000         13,730           175,000         13,730           175,000         14,730           175,000         14,730           175,000         15,730           175,000         16,735           100,000         14,730           100,000         14,730           100,000         14,730           100,000         14,730           100,000         14,730           100,000         14,730           100,000         14,730           100,000         14,730           100,000         14,730           100,000         14,730
$\begin{array}{c} 1,774\\768\\768\\768\\776\\776\\776\\776\\776\\776\\776$	7.50 1,059 1,059 1,059 1,700 1,700 1,254 1,254 1,204 1,204 1,204 1,204 1,204 1,204 1,204 1,204 1,204 1,204 1,204 1,204 1,204 1,204 1,204 1,204 1,204 1,204 1,204 1,204 1,204 1,204 1,204 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,206 1,2
40129981366636866111011885600847220	ちちちちょう (~1~4) こうううう マイト 4 こう ウォン
<mark>82888825888888888888888888888888888888</mark>	258 22222222222222222222222222222222222
81828818828888888888888888888888888888	830 830 930 930 930 930 930 930 930 930 930 9
	000,1 1 1 1
∞∞∞−∞−∞≠∞∞∞∞∞∞∞∩∩0∞∞0≠−−−−−∞	ца
	hered hand
$\begin{smallmatrix} & 1, 294 \\ & 964 \\ & 964 \\ & 964 \\ & 963 \\ & 963 \\ & 963 \\ & 638 \\ & 638 \\ & 774 \\ & 774 \\ & 774 \\ & 774 \\ & 774 \\ & 774 \\ & 774 \\ & 774 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\ & 776 \\$	1, 300 1, 300 1, 300 1, 300 1, 740 1, 740 1, 730 957 957 957 957 957 957 957 957 1, 755 1, 730 1, 710 1, 71
860 887 8857 8857 440 8854 445 8824 445 592 8824 445 592 592 592 592 592 592 592 592 592 59	9980 9944 - 9944 - 1119 1119 1119 1110 1110 1110 200 200 200
245, 98, 98, 98, 98, 98, 98, 98, 98, 98, 98	వోయియిలి చేచే చే యొచి రే సీయి స్లోలి లో యోయి లో చో
190         190           182         182           183         190           184         177           184         183           184         184           185         184           186         183           186         184           186         184           187         184           188         184           181         181           181         181           181         181           182         183	200 day 0 day
	cs, 1012211111122211
$\begin{array}{c} 1,510\\ 447\\ 1,173\\ 1,173\\ 1,173\\ 820\\ 820\\ 822\\ 822\\ 822\\ 822\\ 822\\ 822$	L 095 1,609 1,609 1,609 1,160 1,160 1,1250 1,1250 1,1251 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,027 1,0
706 706 7238 539 539 539 539 539 539 539 539 539 539	563 572 572 572 575 575 575 575 575 575 575
$\begin{array}{c} 744\\ 744\\ 7550\\ 5565\\ 5565\\ 5765\\ 5765\\ 5765\\ 5765\\ 5765\\ 624\\ 621\\ 622\\ 626\\ 822\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ 8329\\ $	837 837 479 479 477 477 477 477 574 574 574 574 574 574
$\begin{smallmatrix} & 0 \\ & 1 \\ & 1 \\ & 1 \\ & 1 \\ & 2 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & 0 \\ & $	11 11 12 12 12 13 13 13 13 13 13 13 13 13 13 13 13 13
	00 day
$\begin{array}{c} 1,379\\537\\537\\537\\536\\1,2900\\5736\\5736\\5736\\5736\\563\\1,2363\\1,2363\\1,2363\\1,2363\\1,2355\\527\\527\\527\\527\\527\\527\\527\\527\\527\\5$	$ \left( \begin{array}{c ccccccccccccccccccccccccccccccccccc$
	555-20 555-20 555-20 555-20 555-20 555-20 555-20 121 121 121 121 121 121 121 1
* * * * * * * * * * * * * *	8 4 dills 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
$\begin{array}{c} 7, 0.36\\ 5, 4.587\\ 5, 4.587\\ 5, 5.590\\ 5, 5.590\\ 5, 5.590\\ 5, 5, 5.590\\ 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, $	4, 519 3, 516 3, 516 3, 516 4, 686 4, 686 4, 516 4, 516 4, 516 4, 516 4, 516 6, 489 4, 151 4, 516 6, 489 4, 151 151 4, 516 6, 546 6, 556 6, 556 7, 156 7, 15
North Brookfield North Brookfield North Brookfield Orange. Provincetown. Provincetown. Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding Rauding	MICHIGAN. Albion
221 222 222 222 222 222 222 222 222 222	22222222222222222222222222222222222222

EDUCATION REPORT, 1905.

ture.	ribnəqzə IstoT	20		$\begin{array}{c} \$28, 498\\ 222, 815\\ 222, 815\\ 16, 500\\ 13, 961\\ 13, 961\\ 13, 961\\ 23, 848\\ 23, 848\\ \end{array}$		$\begin{array}{c} 29,066\\ 25,270\\ 25,270\\ 25,270\\ 24,459\\ 24,459\\ 26,800\\ 317,800\\ 317,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,800\\ 315,8$		
Salaries of teachers and supervising officers.		19		$\begin{array}{c} \$21, 272\\ 12, 461\\ 13, 560\\ 15, 400\\ 15, 619\\ 15, 619\\ 15, 000\\ 15, 000\\ 16, 758\end{array}$		$\begin{array}{c} 19,500\\ 16,199\\ 18,799\\ 114,609\\ 112,586\\ 10,820\\ 112,586\\ 10,820\\ 11,138\\ 11,755\\ 11,755\\ \end{array}$		$\begin{array}{c} 9,252\\12,425\\15,633\\10,456\\10,081\\\end{array}$
Value of public prop- erty used for school purposes.		18		$\begin{smallmatrix} 855,000\\ 65,000\\ 65,000\\ 62,300\\ 75,000\\ 75,000\\ 75,000\\ 70,000\\ 250,000\\ 000\\ 000\\ 000\\ 000\\ 000\\ 000\\ 00$		$\begin{array}{c} 175,000\\76,000\\80,000\\100,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\80,000\\$		$\begin{array}{c} 40,000\\ 51,000\\ 60,000\\ 65,000\\ 65,000 \end{array}$
Seats or sittings for study in all public schools.		17		$\begin{smallmatrix} 1,  446\\ 1,  015\\ 873\\ 864\\ 864\\ 1,  107\\ 970\\ 1,  200\\ 1,  200\\ \end{smallmatrix}$		$\begin{array}{c} 1,500\\ 1,550\\ 1,550\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,300\\ 1,300\\ \end{array}$		$1,000\\1,875\\1,050\\1,200$
ed for	su sgnibling quuq loodos	16		もですらのうるす		1000044104100 <b>0</b>		00040
	.IstoT	15		28238823753		**************************************		19 333333 19 333333
Regular teach- ers.	.nomoW	14		26322821331 2632282333		* 13462815231293 13462812031293		17 29 30 21 17
Regu	.nsM	13				-0000000000		04000
licer's.	to gnisiviaqu2	12		0,000000		400004-		004-10
Average daily attend- ance.		11		$\begin{array}{c} 1,101\\752\\889\\882\\882\\762\\882\\882\\882\\881\\881\\881\end{array}$		$\begin{smallmatrix} 1, 112\\ 1, 109\\ 1, 185\\ 1, 152\\ 1, 200\\ 1, 200\\ 0.6\\ 0.6\\ 0.6\\ 1, 006\\ 1, 006\\ 0.12\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0.02\\ 0$		${1,158\atop 915}^{938}{1,016}$
ance of arce of	Aggregate nur days' attend ali pupils.	10		$\begin{array}{c} 220, 358\\ 143, 253\\ 164, 155\\ 165, 384\\ 148, 630\\ 144, 656\\ 155, 552\\ 164, 747\end{array}$		200,075 199,658 2013,370 2013,370 2013,370 2014,203 1118,208 1118,208 118,208 118,208 118,208 118,208 118,100 181,160		$\begin{array}{c} 168,840\\ 208,440\\ 168,127\\ 160,528\\ 144,500\\ 144,500 \end{array}$
Number of days the schools were actu- ally in session.		6		200 188 188 188 188 188 194 187		1280 1295 1295 1295 1295 1295 1295 1295 1295		a 180 158 158 178
Different pupils enrolled in pub- lic day schools.	.IstoT	30		$1, 679\\1, 072\\1, 072\\1, 072\\1, 018\\1, 018\\1, 025\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 089\\1, 08$		$\begin{array}{c} 1,345\\ 1,331\\ 1,571\\ 1,571\\ 1,571\\ 1,571\\ 1,450\\ 1,450\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,184\\ 1,$		$1,014 \\ 1,914 \\ 1,525 \\ 1,478 \\ 1,209 \\ 1,209 \\ 1,209 \\ 1,209 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,014 \\ 1,01$
ent Iled i ay sel	.sirib.	1-		$\begin{array}{c} 822\\ 537\\ 530\\ 530\\ 520\\ 513\\ 574\\ 574\end{array}$		$\begin{array}{c} 715\\ 748\\ 855\\ 706\\ 770\\ 891\\ 604\\ 891\\ 891\\ 874\\ 374\end{array}$		538 538 066 826 775 619
Different enrollec lic day	Boys.	9		857 528 542 516 516 512 515		630 583 583 583 583 583 663 457 457 457 457 457 605 532 532 532 532 533 533 533 533 533 53		426 848 693 703 590
bns ste sloor.	Pupils in privation of the second sec	v		* 200 2000 2000 3500 3500		20000055005500 300000550055000 2000005500550000000000		250 2225 200 200
School cenaus age. Children of school cen- sus age.		4		$2,049\\1,760\\1,572\\1,572\\1,050\\2,268\\1,658\\1,658$		$\begin{smallmatrix} 1,450\\1,460\\1,700\\1,850\\1,850\\1,650\\1,650\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,600\\1,$		$\begin{array}{c} 2,880\\ 3,500\\ 3,658\\ 1,464\\ 1,700 \end{array}$
		69		$5^{-19}$ $5^{-20}$ $5^{-20}$ $5^{-20}$ $5^{-20}$ $5^{-20}$		**************************************		5-21 5-21 5-21 5-21 5-21
Population, cenzus of 1900.		\$		$\begin{array}{c} 6,935\\ 6,935\\ 4,170\\ 5,156\\ 5,156\\ 6,183\\ 7,378\\ 7,378 \end{array}$		$\begin{array}{c} 4, 500\\ 5, 474\\ 5, 359\\ 6, 072\\ 5, 359\\ 6, 843\\ 561\\ 6, 843\\ 561\\ 302\\ 843\\ 302\\ \end{array}$		5,467 6,484 7,642 4,477 4,477 944
City.		I	MICHIGAN-continued.	Negaunee. Niles. Netoskey Petoskey St. Joseph. South flaven. Vyandotte.	MINNESOTA.	Albert Lea. Austin Austin Fergus Falls Little Falls Moorhead. New Ulm. New Ulm. Red Wing Red Wing Rederster St. Peter	MISSISSIPPI.	Biloxi Columbus. Greenville. Hattiesburg Mecomb.
				$\begin{array}{c} 265\\ 266\\ 266\\ 267\\ 269\\ 271\\ 271\\ 272\\ 272\\ 272\\ 272\\ 266\\ 272\\ 272\\ 266\\ 272\\ 266\\ 272\\ 266\\ 266$	_	273 275 275 277 277 277 277 277 277 277 277		284 285 286 287 288 288 288 289

,

TABLE 14.—School statistics of cities and villages containing between 4,000 and 8,000 inhabitants, 1904-5-Continued.

	9, 732 (1, 700) (1, 7, 000) (1, 7, 000) (1, 7, 000) (1, 7, 1, 1, 7, 1, 1, 7, 1, 1, 7, 1, 1, 7, 1, 1, 7, 1, 1, 7, 1, 1, 7, 1, 1, 7, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 2, 1, 1, 1, 1, 2, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,			$\begin{array}{c} 31,040\\ 22,449\\ 22,449\\ 19,563\\ 19,563\\ 12,313\\ 17,000\\ \end{array}$	28,583		$\begin{array}{c} 14,125\\ 13,841\\ 17,700\\ 19,500\end{array}$	
	$\begin{array}{c} 7, 5, 670\\ 111, 265\\ 1, 112, 265\\ 1, 112, 265\\ 1, 112, 265\\ 1, 120\\ 1, 265\\ 1, 120\\ 1, 265\\ 1, 122\\ 1, 262\\ 1, 122\\ 1, 252\\ 1, 252\\ 1, 132\\ 1, 252\\ 1, 252\\ 1, 132\\ 1, 252\\ 1, 132\\ 1, 252\\ 1, 132\\ 1, 252\\ 1, 132\\ 1, 252\\ 1, 132\\ 1, 252\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, 122\\ 1, $			$\begin{array}{c} 21,055\\ 21,844\\ 14,729\\ 16,870\\ 116,870\\ 112,645\\ 114,178\\ 10,863\\ 10,863\end{array}$	22,340		$\begin{array}{c} 10,324\\ 9,296\\ 10,966\\ 19,120\\ \end{array} \ast$	
-	80,000 80,000 80,000 80,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000			$\begin{array}{c} 132,000\\ 132,000\\ 155,700\\ 74,300\\ 60,000\\ 70,100\end{array}$	90,000		50,000 29,000 79,800 100,000	
	$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} $			$1,876\\1,450\\1,450\\1,550\\*1,200\\1,030\\1,030\\$			$^{*1,160}_{845}$ $^{845}_{850}_{1,500}$	roximately.
	<u></u>	÷		10 10 10 10 10 10 10 10 10	4		101-0	ppro
	2222238822282896628233 <mark>288222</mark>			26040	28		$\frac{24}{17}$	$\nabla q$
-	22222222222222222222222222222222222222			$^{42}_{233}$	26		23 5 1 2 3 3 3 5 3 3 5 3 5 3 5 5 5 5 5 5 5 5 5	
	4%2240240000200000000000000000000000000				57			
				0 0 0 - 0 - 0	62		0000	
-	856 550 550 550 550 550 550 550 551 1,048 1,048 825 825 734 1,408 954 825 734 1,408 954 825 734 1,408 1,408 1,408 1,408 1,408 1,408 1,408 57 50 550 550 550 550 550 550 550 550 5			1,358 1,450 1,318 1,139 1,370 941 974	996		856 734 856 856 856	
-	912 912 6647 6647 6644 6644 855 855 855 855 855 855 855 855 855 8			$\begin{array}{c} 371 \\ 1112 \\ 604 \\ 604 \\ 500 \\ 746 \\ 746 \\ 750 \end{array}$	,608		175 184 159 000	.,
	$\begin{array}{c} 136\\ 966\\ 1117\\ 1117\\ 1117\\ 1117\\ 1117\\ 1118\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1119\\ 1$			$244,\\258,\\234,\\199,\\164,\\172,$	181,		125, 175 129, 184 120, 159 119, 000	days
-	158 1175 1175 1175 1176 1176 1178 1178 1178 1178 1178 1178			176 178 178 178 178 180 177	183		b 146 176 169 * 170	ools, 160
-	$\begin{array}{c} \begin{array}{c} & 1, 210\\ 2, 232\\ 3, 232\\ 3, 240\\ 3, 240\\ 3, 240\\ 3, 241\\ 3, 252\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ 3, 338\\ $			$\substack{1,818\\1,449\\1,449\\1,558\\1,209\\1,185\end{array}$	1,631		${}^{1,030}_{854}_{841}_{841}_{999}$	a Colored schools, 160 days
_	$\begin{array}{c} 648\\ 638\\ 638\\ 638\\ 638\\ 638\\ 638\\ 656\\ 658\\ 658\\ 658\\ 658\\ 658\\ 658\\ 65$			$\begin{array}{c} 926\\849\\753\\784\\796\\618\\624\\624\end{array}$	844		514 413 407 539	a Co
	$\begin{array}{c} \begin{array}{c} 568\\ 568\\ 606\\ 605\\ 716\\ 655\\ 587\\ 716\\ 655\\ 587\\ 716\\ 655\\ 587\\ 7148\\ 866\\ 868\\ 866\\ 868\\ 866\\ 868\\ 748\\ 748\\ 748\\ 748\\ 866\\ 886\\ 688\\ 748\\ 748\\ 748\\ 886\\ 688\\ 886\\ 886\\ 886\\ 886\\ 886\\ 8$			892 781 781 766 762 591 561	787		516 441 434 434 460	
	* 400 * 400 200 200 1155 1155 1150 200 200 200 200 200 200 200 200 200 2			$^{475}_{0}$ $^{60}_{0}$ $^{*150}_{200}$ $^{200}_{200}$	120		300 509 530	
-	**************************************			$\substack{ \begin{array}{c} 2,892\\ 2,941\\ 2,941\\ 1,772\\ 1,772\\ 1,550 \end{array} } \ast$	1,528		1,437 883 1,124 1,458	
				$5^{-21}$ $5^{-21}$ $5^{-21}$ $5^{-21}$ $5^{-21}$ $5^{-21}$ $5^{-21}$	6-18		5-16 5-16 6-16 5-16	$03-4_{*}$
	$\begin{array}{c} 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ - 6 \\ -$	4,366		7,241 7,554 5,634 7,380 3,883 5,964 5,132	4,500		$     \begin{array}{c}       6,498 \\       4,922 \\       5,846 \\       7,023     \end{array}   $	stics of 1903-4
MISSOURI.	Aurora Aurora Buookfeld Buookfeld Carber Gilaardeau Carber Gilaardeau Carber Silaardeau Carber Silaardeau Columbia De Soto Columbia De Soto Columbia De Soto Columbia De Soto Columbia De Soto Columbia De Soto Columbia De Soto Columbia De Soto Columbia De Soto Columbia De Soto Loavisaaa Maryville Maryville Maryville Mexico Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nervada. Nerv	Missoula	NEBRASKA.	Fremont *	NEVADA. Reno*	NEW IIAMPSHIRE.	Claremont Exeter*. Franklin	*Statist
-	291 291 291 291 293 293 294 293 294 293 294 293 294 293 295 295 295 295 295 295 295 295 295 295	313		314 315 315 317 319 319 319 320	321		322 323 323 323	

ture.	ibnəqxə letoT	20	831 800 833 800 833 800 833 800 833 800 833 800 833 800 833 800 833 800 833 800 833 800 833 800 833 800 833 800 833 800 800	69,812 12,000 9,071
erschers gnisiv	Salaries of t and super officers.	19	<sup>310</sup> 310, 300 10, 500 11, 620 11, 620 12, 635 12, 630 12,	$17,449 \\ 9,000 \\ 6,828$
t school ic prop-	Value of public erty used for purposes.	18	<b>S</b> 100,000 35,500 54,000 55,000 1125,000 1125,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,000 1123,0000 1123,0000 1123,000000000000000000	172,850 60,000 65,000
of sga ngs for	Seats or sitti study in all schools.	17	717 500 500 510 510 510 510 510 510 510 510	1,600 $800$ $450$
ed for	su sznibling arpod purp	16	01222000000000000000000000000000000000	10 61 10
ach-	.IstoT	15	\$299577468297888668887998888879987748748	34 17 10
lar tee ers.	.n9moW	14	41778884808177128126688988747 708874888777281268828988747	8 30 8 15 8
Regular teach- ers.	.n9M	13		400
·	to ZnisivyoquZ	12	00000000000000000000000000000000000000	011
-bnstta	лтегаge daily апсе.	11	565 565 565 705 1,023 388 629 702 710 771 771 771 771 771 771 885 585 585 585 585 585 585 585 585 771 771 771 889 771 705 886 775 565 705 705 705 705 705 705 705 705 705 70	1,225 735 351
to vance ance of	Aggregate nur days' attend all pupils.	10	96, 855 98, 1255 98, 1255 98, 1255 206, 755 1129, 899 1129, 999 98, 999 98, 999 1138, 940 1138,	210, 729 129, 360 60, 792
an, e actu- îys the	Vumber of da ver ver sloods sliy in ylls	6	173 173 173 173 173 173 173 173 173 173	172 176 173
Different pupils enrolled in pub- lic day schools.	.IstoT	œ	734 600 600 600 1, 101 1, 253 737 1, 1239 733 1, 1239 7330 1, 1239 7330 1, 1235 733 1, 1235 7330 1, 2346 1, 2355 732 7326 7327 1, 2356 7326 7326 7326 7326 7326 7326 7326 732	1,787 905 590
ay sc	.sI'i'D	2	$\begin{array}{c} 332\\ 332\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533\\ 5533$ 5533\\ 5533 5533\\ 5533 5533\\ 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533 5533	925 403 240
Differ- enro lic d	.syoa	9	402 3002 3002 3003 3017 334 3343 3391 3391 3391 3391 3391 3391	862 502 350
•s[oot	avirq ni sliqu¶ fəs fsidəorsq	5	2000 150 150 150 155 155 155 155 155 155	300 50 750
	dəs fo nərblidƏ .əฐ. suz	4	950 950 ********************************	2,719 1,055 9,012
•938	susnao loodo2	°	$\begin{array}{c} 5-20\\ 5-20\\ 5-18\\ 5-18\\ 5-18\\ 5-18\\ 4-20\\ 4-20\\ 4-20\\ 4-20\\ 4-20\\ 5-20\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\ 6-22\\$	5-21 5-21 5-21
io susu	Population, ce 1900.	67	6 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	6, 238 3, 540 5, 603
	City.	I	NEW JERSEY. Asbury Park. Boonton. Bordentown * Burlington a Dover. Dover. Englewood. Glouesster City Lambertville * Madison. Newth Plainfield. Princeton. North Plainfield. Princeton. North Plainfield. Princeton. Redbank. Rutharford. South Amboy. South Amboy. South Amboy. South Amboy. South Amboy. South Amboy. South Amboy. South Amboy. West New York. West New York.	NEW MEXICO. Albuquerque Raton Santa Fe
			8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 828 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8282 8	350 351

TABLE 14.-School statistics of cities and villages containing between 4,000 and 8,000 inhabitants, 1904-5-Continued.

CITI SCHOOL SISTEMS.	021
25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000 25,000	
$\begin{array}{c} 10, 173\\ 10, 173\\ 10, 173\\ 10, 173\\ 10, 173\\ 10, 173\\ 10, 173\\ 10, 173\\ 10, 173\\ 10, 173\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 103\\ 10, 10, 103\\ 10, 10, 103\\ 10, 10, 10, 10\\ 10, 10, 10, 10\\ 10, 10, 10, 10\\ 10, 10, 10, 10\\ 10, 10, 10, 10\\ 10, 10, 10, 10\\ 10, 10, 10, 10\\ 10, 10, 10, 10\\ 10, 10, 10, 10\\ 10, 10, 10, 10\\ 10, 10, 10, 10\\ 10, 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10, 10\\ 10, 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ 10, 10, 10\\ $	$\begin{array}{c} 10, 260\\ 10, 260\\ 10, 260\\ 10, 200\\ 1, 520\\ 1, 520\\ 1, 520\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 550\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, 500\\ 1, $
<pre>2,300 4,501 4,501 4,501 4,501 4,501 4,500 4,501 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,500 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,5000 4,50000 4,5000 4,50000 4,50000000000</pre>	45, 730 45, 730 15, 000 15, 000 755, 000 550, 000 15, 000 15, 000
$\begin{array}{c} 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,$	$\begin{array}{c} 1,010\\950\\1,400\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1,250\\1$
**************************************	04 0000000
22222222222222222222222222222222222222	250 251 24 19 252 252 252 252 252 252 252 252 252 25
1440122228888888888888888888888888888888	24 25 17 17 17 15 15 15 15
01140001010000100000000000000000000000	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
+ * * * * * * * * * * * * * * * * * * *	81000000 100 100 100 100 100 100 100 100
$\begin{array}{c} 673\\ 614\\ 6124\\ 6124\\ 6124\\ 623\\ 623\\ 623\\ 623\\ 623\\ 605\\ 605\\ 723\\ 722\\ 722\\ 722\\ 722\\ 722\\ 722\\ 722$	806 696 952 952 952 1,021 719 920 920 920 920 920 820 820 820 820 820 820 820 820 820 8
$\begin{array}{c} 127, 212\\ 122, 781\\ 1122, 781\\ 1122, 781\\ 122, 781\\ 122, 783\\ 122, 783\\ 122, 783\\ 123, 523\\ 123, 523\\ 123, 523\\ 123, 523\\ 123, 523\\ 124, 964\\ 1124, 904\\ 1125, 906\\ 1125, 906\\ 1125, 906\\ 1125, 906\\ 1125, 906\\ 1125, 125\\ 113, 907\\ 112, 125\\ 113, 907\\ 112, 125\\ 113, 907\\ 112, 125\\ 113, 907\\ 112, 125\\ 113, 907\\ 112, 125\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ 123, 226\\ $	154, 104 133, 936 133, 936 133, 280 115, 758 115, 240 111, 627 115, 240 109, 578
2008 2008 2008 2008 2008 2008 2008 2008	$\begin{array}{c} 191 \\ 165 \\ 177 \\ 177 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\ 178 \\$
$\begin{array}{c} 1,128\\ 8,458\\ 8,458\\ 8,838\\ 8,838\\ 8,838\\ 1,1648\\ 1,2916\\ 1,2916\\ 1,2916\\ 1,2916\\ 1,2916\\ 1,2916\\ 1,2916\\ 1,2928\\ 1,2928\\ 1,2928\\ 1,2928\\ 1,2928\\ 1,2928\\ 1,2928\\ 1,2928\\ 1,2928\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,2028\\ 1,202$	$\begin{smallmatrix} 1,025\\875\\875\\1,274\\1,251\\1,251\\1,245\\1,245\\1,182\\1,182\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\1,048\\$
440 480 480 480 480 480 480 481 481 481 481 481 481 481 481 481 481	547 475 678 625 625 602 546
688 808 808 808 808 808 808 808 808 808	$\begin{array}{c} 478 \\ 478 \\ 596 \\ 520 \\ 572 \\ 572 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\ 502 \\$
250 250 250 250 250 251 251 251 251 251 251 251 251	0 300 0 100 60 65 63 463
$\begin{array}{c} 1,225\\ 8,007\\ 8,007\\ 8,007\\ 8,007\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,008\\ 1,1,00$	5-18         961           5-18         1,150           6-21         2,222           6-21         2,222           6-21         1,865           6-21         1,865           6-21         1,620           6-21         1,630           6-21         1,888           6-21         1,888           6-21         1,888           6-21         1,888           6-21         1,988           6-21         1,988
**************************************	5-18 5-18 6-21 6-21 6-21 6-21 6-21 6-21 6-21 6-21
4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09 4.09	$\begin{array}{c} 4, 465\\ 4, 346\\ 6, 348\\ 4, 670\\ 6, 248\\ 4, 163\\ 6, 2176\\ 6, 2176\\ 6, 2176\\ 6, 2176\\ 6, 2176\\ 6, 2176\\ 6, 2176\\ 6, 2176\\ 6, 2176\\ 6, 2176\\ 6, 2176\\ 6, 2176\\ 6, 2176\\ 6, 2176\\ 6, 2176\\ 6, 2176\\ 6, 2176\\ 6, 2176\\ 6, 2176\\ 6, 2176\\ 6, 2176\\ 6, 2176\\ 6, 2176\\ 6, 2176\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\ 6, 216\\$
	Waverly. Whitehaill. NorrH cAROLINA. Fayetteville * Gastonia Fayetteville * Gastonia Fight Point. Silisbury * Salisbury * Nashington.
3555 3556 3556 3556 3556 3556 3556 3556	391 391 392 395 395 395 395 395 395 395 395 395 395

CITY SCHOOL SYSTEMS.

521

## EDUCATION REPORT, 1905.

•əanı	ibnəqxə Isto <b>T</b>	20	<pre>%15,000 %15,000 14,000 14,000 14,000 14,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,000 15,0000 15,0000 15,0000 15,0000 15,0000 15,0000000000</pre>
erenera Suisiv	Salaries of t and super officers.	19	<pre>310,200 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,000 11,</pre>
. school e prop-	Value of publi erty used for purposes.	18	\$70,000 195,000 195,000 770,000 770,000 110,000 1110,000 1110,000 1110,000 1110,000 1110,000 1110,000 1110,000 1110,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,000 115,0000 115,0000 115,
rol sga pilduq	Seats or sitti study in all schools.	17	1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000 1000
ed for oses.	su sgnibling qruq loodos	16	0 20 10 41 41 10 10 41 10 10 10 21 10 2 41 00 00 21 10 00 20 20 41 41 10 00 41 10 10 10 10 10 10 10 10 10 10 10
ach-	.lstoT	15	8884848888849455888868588888888888888888
lar te ers.	.nomew.	14	
Regular teach- ers.	.n9M	13	00140100040000000000000000000000000000
ficers.	to gnisivi9qu2	13	
-bn911s	Атегаде daily алсе.	11	719 719 719 719 719 719 719 719 719 719
10 19dn 10 99ns	Aggregate nui days' attend all pupils.	10	129, 420 127, 420 128, 420, 420 128, 420 128, 420 128, 420 128, 40
-utos 9	Number of da schools wer ally in sessio	6	* 173 * 175 * 177 * 177
t pupils ed in pub- 7 schools.	.IstoT	æ	10, 200 10,
ant lled i ay sel	Girls.	t.	250 250 250 250 250 250 250 250
Different enrolled lic day se	Boys.	9	5555 5555 5555 5555 5555 555 5501 5501
4	rvirg ni sliqu¶ Ise laidsoraq	5	0
	dəs to nərblidƏ əga sus	4	L 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
•9Z6•	suznas looda <b>z</b>	3	តុកុកុតុកុតុកុតុតុកុតុតុតុកុតុកុតុកុតុតុតុតុតុតុតុតុតុតុតុតុតុតុតុតុតុតុតុត
lo suen	Population, ce 1900.	લ	الم التركي         ا
City. 1		1	ourto. Ashhand
			\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$\$

TABLE 14.—School statistics of cities and villages containing between 4,000 and 8,000 inhabitants, 1904–5.—Continued.

CITY SCHOOL SYSTEMS.

*22,607 28,000 25,993 112,775 33,777 33,777 33,777 113,775 26,900 113,245 116,245 216,900 30,000 30,000 117,537	$\begin{array}{c} 37,088\\ 22,650\\ 33,125\end{array}$	$\begin{array}{c} 15, 163\\ 15, 163\\ 18, 550\\ 11, 550\\ 12, 530\\ 11, 550\\ 12, 530\\ 12, 530\\ 12, 530\\ 20, 466\\ 20, 547\\ 12, 302\\ 20, 466\\ 20, 567\\ 11, 047\\ 23, 505\\ 12, 500\\ 11, 047\\ 23, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 505\\ 13, 5$
$\begin{array}{c} 15,943\\ 25,068\\ 111,3774\\ 111,3774\\ 111,3774\\ 111,3774\\ 1235\\ 111,646\\ 111,646\\ 111,646\\ 113,235\\ 112,235\\ 112,235\\ 112,245\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,300\\ 114,30$	$\begin{array}{c} 22,667\\17,450\\26,000\end{array}$	$\begin{array}{c} \begin{array}{c} & 9, 490 \\ & 11, 665 \\ & 10, 665 \\ & 9, 837 \\ & 9, 837 \\ & 9, 837 \\ & 9, 837 \\ & 9, 836 \\ & 8, 025 \\ & 8, 025 \\ & 11, 5, 916 \\ & 8, 025 \\ & 11, 5, 5, 910 \\ & 8, 025 \\ & 11, 5, 5, 910 \\ & 8, 025 \\ & 11, 5, 5, 910 \\ & 8, 025 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 910 \\ & 11, 5, 5, 5, 910 \\ & 11, 5, 5, 5, 910 \\ & 11, 5, 5, 5, 910 \\ & 11, 5, 5, 5, 910 \\ & 11, 5, 5, 5, 910 \\ & 11, 5, 5, 5, 910 \\ & 11, 5, 5, 5, 910 \\ & 11, 5, 5, 5, 910 \\ & 11, 5, 5, 5, 910 \\ & 11, 5, 5, 5, 910 \\ & 11, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,$
<b>130,000</b> <b>125,000</b> <b>125,000</b> <b>112,000</b> <b>112,000</b> <b>135,000</b> <b>135,000</b> <b>135,000</b> <b>137,000</b> <b>107,000</b> <b>107,000</b> <b>107,000</b> <b>107,000</b> <b>107,000</b> <b>107,000</b>	$\begin{array}{c} 92,000\\ 200,000\\ 500,000\end{array}$	22, 500 50, 000 55, 000 55, 000 155, 745 26, 745 26, 745 26, 745 26, 745 26, 745 26, 745 26, 745 26, 745 26, 745 185, 745 26, 000 185, 745 26, 000 185, 745 26, 000 185, 745 26, 000 185, 745 26, 000 195, 745 26, 000 195, 745 26, 000 195, 745 26, 000 195, 745 26, 000 195, 745 200 100, 000 100, 000 100
$\begin{array}{c} 1,300\\ 1,100\\ 1,100\\ 1,100\\ 1,350\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,$	$1,512 \\ 1,292 \\ 1,680$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
10 10 4 10 00 4 4 4 10 00 00 4 4 01 10 4	10 10 10	Ф4014200 Ф404000 0 4400 4 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1
$\begin{array}{c} 272 \\ 272 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\ 232 \\$	42.73	22222222222222222222222222222222222222
24 27 27 27 27 27 27 27 27 27 27 27 27 27	334 355	atisti atisti atisti
40HB 10000000	-1-13	8 8 8 900000000000000000000000000000000
	6 - 1 2	0-00-0-4-0
999 978 978 932 932 932 976 976 871 776 1,233 976 1,233 1,233 1,233	$1, 124 \\ 972 \\ 1, 376$	$\begin{array}{c} 1, 007\\ 1, 007\\ 780\\ 5504\\ 5524\\ 5526\\ 5526\\ 1, 286\\ 1, 286\\ 1, 138\\ 1, 138\\ 1, 138\\ 1, 138\\ 1, 138\\ 1, 138\\ 1, 138\\ 1, 138\\ 647\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 282\\ 1, 28$
182, 817 184, 820 184, 820 171, 436 171, 436 171, 436 171, 436 107, 940 107, 940 1100, 888 1175, 680 1100, 888 1100, 888 107, 358 107, 358 100, 358 100, 358 100, 358 100, 358 100, 358	$\begin{array}{c} 197, 181 \\ 169, 240 \\ 247, 680 \end{array}$	177, 120 181, 250 183, 540 183, 540 151, 200 253, 145 253, 145 253, 145 253, 145 253, 145 253, 145 253, 145 253, 145 255, 145 205, 682 205, 682 200, 682 200
183 190 190 182 188 188 188 188 188 188 188 188 188	$175_{\frac{175}{2}}$ 174 180	180 180 180 180 180 180 180 180 180 180
$\begin{array}{c} 1,103\\ b1,233\\ b1,233\\ b1,233\\ b1,233\\ b1,138\\ 1,188\\ 1,188\\ 1,1007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,007\\ 1,0$	1,659 1,262 1,794	$ \begin{array}{c} \begin{array}{c} 0 \\ 724 \\ 74 \\ 600 \\ 855 \\ 515 \\ 515 \\ 515 \\ 515 \\ 516 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 526 \\ 52$
$\begin{array}{c} 620\\ 624\\ 624\\ 624\\ 624\\ 626\\ 535\\ 535\\ 535\\ 535\\ 535\\ 535\\ 635\\ 63$	782 696 923	674 515 515 515 570 841 5570 5570 5570 5570 538 538 538 538 538 538 538 538 538 538
<b>573</b> <b>600</b> <b>614</b> <b>614</b> <b>614</b> <b>600</b> <b>607</b> <b>614</b> <b>607</b> <b>607</b> <b>607</b> <b>607</b> <b>607</b> <b>607</b> <b>607</b> <b>607</b> <b>607</b> <b>607</b> <b>608</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>600</b> <b>60</b> <b>6</b>	877 566 871	524 600 600 455 455 880 880 880 660 660 660 660 650 880 880 880 880 880 880 880 880 880 8
400 325 150 150 140 140 150 0 150 150 150 150 150 150	160 1160 600	255 255 255 255 255 255 255 255 255 255
$\begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} \begin{array}{c} $	$\begin{array}{c} 2,047 \\ 1,629 \\ 1,900 \end{array}$	$\begin{array}{c} \begin{array}{c} 1,332\\ 2,000\\ ,*925\\ ,*925\\ ,*925\\ ,200\\ ,2,000\\ 1,300\\ 1,300\\ 1,300\\ 2,200\\ 1,300\\ 1,300\\ 1,300\\ 1,300\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 1,50$
	4-20 4-20 4-20	$\begin{array}{c} 6-16\\ 6-21\\ 6-21\\ 6-21\\ 6-16\\ 6-16\\ 8-16\\ 6-16\\ 6-16\\ 6-16\\ 6-16\\ 6-16\\ 6-16\\ 6-16\\ 6-16\\ 6-16\\ 6-16\\ 6-16\\ 6-16\\ 6-16\\ 6-16\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\\$
$\begin{array}{c} 7, \\ 0, \\ 0, \\ 0, \\ 0, \\ 0, \\ 0, \\ 0, \\$	$ \begin{array}{c} 6,663\\ 4,406\\ 4,258\\ \end{array} $	$\begin{array}{c} 5,386\\ 6,44,106\\ 6,438\\ 6,44,106\\ 7,104\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102\\ 7,102$
431 Norwalk, 432 Norwood * 432 Norwood * 433 Poneroy 435 Poneroy 435 Poneroy 436 Rayenna, 438 Rayenna, 438 Salem 438 Salem 441 Urbana, 441 Urbana, 443 Vanwert, 444 Vrbana, 445 Vanwert, 446 Vanwert, 44	Baker Ci Pendleto Salem PEN	Archbald Ashley. Ashley. Ashley. Bangor. Bangor. Blangor. Blangor. Blangor. Blankshe Blankshe Blankshe Blankshe Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie. Cartangie
<b>4332</b> <b>4332</b> <b>4332</b> <b>4332</b> <b>4332</b> <b>4332</b> <b>4332</b> <b>4332</b> <b>4332</b> <b>4332</b> <b>4332</b> <b>4332</b> <b>4332</b> <b>4341</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441</b> <b>441441</b>	449 450 451	455 455 455 455 455 455 455 455 455 455

## EDUCATION REPORT, 1905.

ed for sesc. rgs for public school school	Buildings us school purp Seats or sitti study in all schools. Purposes. Balaries of to purposes. Balaries of to and super	16 17 18 19		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
Regular teach- ers.	Тотаl.	15		55545835828282826252828282282883858582552 5554552828385858288838585828888585 5554552828385858588885858888858585 5554555858585858
egular i ers.	Women.	3 14	 	
	Supervising of Men.	12 1	-	-0000000-0-0-0-0-0-0-0-0-0-0-
	Атегаде daily впсе.	11		a a 570 a 570 570 570 570 570 570 570 570 571 570 571 570 571 570 571 570 571 570 571 570 573 570 573 570 573 570 573 570 573 570 570 570 570 570 570 570 570 570 570
to tedn to eons	Aggregate nun days' attend all pupils,	10		<pre>b 146, 340 b 126, 500 171, 000 187, 000 188, 100 188, 100 188, 100 188, 100 188, 100 188, 160 188, 160 188, 160 188, 160 188, 160 188, 160 188, 160 188, 160 188, 200 188, 200 189, 200 189, 200 180, 200 180</pre>
edt svi	Number of da schools were ally in sessic	6		1200 1200 1200 1200 1200 1200 1200 1200
Different pupils enrolled in pub- lic day schools.	.lstoT	90		1, 003 877 877 877 877 877 950 1, 250 1, 200 1, 200
ren t olled i lay sc	Girls.	2		524 525 525 525 525 525 526 525 526 525 557 557 557 557 557 557 557 557 557
Differen t enrolled lic day i	Boys.	9		558 334 334 455 558 558 558 558 558 558 558 558 55
ьте яла .sloot.	Vipils in priv parochial sci	10		200 200 200 200 200 200 200 200
	Children of sch aga sus	4		2,000 2,000 1,200 1,105 1,200 1,200 1,200 1,200 1,200 1,200 1,200 1,500 1,500 1,500 1,500 1,500
• <b>8</b> 6•	susu99 lood92	3		6-10 6-21 6-10 6-10 6-10 6-21 6-21 6-21 6-21 6-21 6-21 6-16 6-16
jo snsu	Population, ce 1900.	8		ઌ૱૱ૡઌ૱ૡૡૡૡૡૡ૱૱૱ઌઌૢઌૢઌ૱૱ૡૡૡૡૡૡ ઌૢૡઌૡૡૡૡૡૡૡૡૡૡ
	city.	74	PENNSYLVANIAcontinued.	Freeland a Giberton. Giberton. Greensburg Greensburg Huntingdon Huntingdon Johnsonburg Kingston. Johnsonburg Kingston. Jansford. Lansford. Lansford. Larobe * Larobe * Larobe * Levistown * Levistown * Luck Haven. Luck Haven. Luck Haven. Luck Haven. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle. Middle

TABLE 14.-School statistics of cities and villages containing between 4,000 and 8,000 inhabitants, 1904-5-Continued.

4028008666	4004032	0.0.00000000	07 100 1 17	0000700	
$^{22}, 633$ $^{22}, 633$ $^{20}, 702$ $^{20}, 702$ $^{10}, 546$ $^{11}, 500$ $^{11}, 500$ $^{11}, 500$ $^{22}, 596$ $^{22}, 596$ $^{22}, 596$ $^{22}, 147$	26, 32, 23, 26, 26, 26, 26, 26, 26, 26, 26, 26, 26	$\begin{array}{c} 19,745\\ 23,177\\ 9,028\\ 19,878\\ 19,878\\ 11,496\\ 11,496\\ 11,502\\ 21,502\\ 52,760\end{array}$	9,000 17,554 9,000 10,000	* 6, 550 * 6, 550 10, 388 10, 414 12, 966 12, 966 12, 966	1 1 1 1 1
12,018 7,430 7,430 6,541 6,541 6,541 6,541 6,541 11,500 11,500 11,500 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,700 11,7000 11,7000 11,7000 11,7000 11,7000 11,7000 11,7000 11,7000 11,7000 11,70000000000		$\begin{array}{c} 14,607\\ 14,452\\ 6,704\\ 6,704\\ 10,106\\ 114,728\\ 111,290\\ 111,290\\ 27,535\\ 27,535\end{array}$	$\begin{array}{c} 6,473\\14,504\\7,615\\8,000\\3,877\\3,877\end{array}$	* 5, 783 * 5, 783 9, 872 11, 208 9, 000 9, 000	• • • • • • • •
0000 0000000000000000000000000000000000	$\begin{array}{c} 54,000\\ 54,000\\ 53,000\\ 53,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\ 87,000\\$	$\begin{array}{c} 102,000\\ 78,000\\ 78,000\\ 26,938\\ 33,409\\ 33,409\\ (0,500\\ 202,000\\ 202,000\\ \end{array}$		$\begin{array}{c} \begin{array}{c} 1,000\\ 1,000\\ 1,100\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,200\\ 1,20$	TON LOOT I
$\begin{smallmatrix} & 850 \\ & 850 \\ & 850 \\ & 850 \\ & 1,600 \\ & & 1,200 \\ & & 1,450 \\ & & 1,500 \\ & & 1,500 \\ & & 1,500 \\ & & & 1,500 \\ & & & 1,500 \\ & & & 1,500 \\ & & & & 1,500 \\ & & & & & 1,500 \\ & & & & & & 1,500 \\ & & & & & & & 1,500 \\ & & & & & & & & 1,500 \\ & & & & & & & & & & \\ & & & & & & &$	1,500 1,520 1,520 1,520 1,520 1,275 840	$\begin{smallmatrix} 1, 152 \\ 1, 325 \\ 996 \\ 996 \\ 909 \\ 1, 726 \\ 1, 726 \end{smallmatrix}$		*1,000 700 1,200 1,350	AT STAATS
* * 01 00 00 10 00 00 10 4	· 00 c0 c0 オ オ オ つ	$110^{-1}$	10 74 00 00 74	* 01 00 00 10 40 01 00 00 10 40	p .•
82222222222222222222222222222222222222	5223493555 5235493555	4812443399288 481444339998	23 31 16 19 10 16	15 15 22 25 32 32 32 32	1905. Is on
2202220113216 2002220132316 2002220132316	20223 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 + 2023 +	$\begin{array}{c} 22\\ 23\\ 45\\ 23\\ 23\\ 23\\ 23\\ 23\\ 23\\ 23\\ 23\\ 23\\ 23$	18 15 17 17 13	21 21 21 21 21 20 24 26	s for schoc
0-000000000000000000000000000000000000	000000000	00110001100		4001 100 400	white schools or
410 100 00	111011001	011101107	1000000	*******	colored schools for 1905.
$\begin{array}{c} 585 \\ 610 \\ 610 \\ 637 \\ 1,040 \\ 1,040 \\ 1,070 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\ 1,010 \\$	$\begin{array}{c} & , & , & , \\ & , & , & , \\ & & , & , \\ & & , & ,$	$\begin{smallmatrix}&&&&&&\\&&&&&&&\\&&&&&&&&\\&&&&&&&&\\&&&&&&$	d 865 544 544 866 839 700 700	$\begin{array}{c} & & & & & & & & & & & & & & & & & & &$	colo
495 660 660 660 660 660 660 660 660 660 66	2550 2560 400 400 400	975 975 272 020 980 980 093 772 772	375 875 920 020 020 020 020	6600 0000 0000 0000 0000 0000 0000	60019
<sup>116</sup> , <sup>97</sup> , <sup>97</sup> , <sup>116</sup> , <sup>116</sup> , <sup>129</sup> , <sup>129</sup> , <sup>123</sup> , <sup>123</sup> , <sup>1238</sup> , <sup>1338</sup> , <sup>1389</sup> , <sup></sup>	$1232 \\ 208, 208, 208, 208, 208, 208, 208, 208,$	$^{176}_{125,0}$	b 151, 237, 237, 977, 077, 097, 155, 151, 126, 126, 126, 126, 126, 126, 126, 12	<sup>123</sup> , <sup>81,</sup> 81, 81, 81, 81, 81, 81, 81, 81, 81, 81,	1905.
199 160 180 180 180 180 180 180 180 180 180	200 200 200 200 200 200 200	200 180 174 174 180 180 180 280	175 178 178 180 178 180 180 180	d 171 d 180 200 180 180 180 180	portion
902 678 866 906 906 906 906 1,337 1,337 1,337 1,3710	, 233 , 240 , 240 , 240 , 240	$\begin{array}{c} 1,12\\ 1,417\\ 818\\ 818\\ 818\\ 719\\ 1,352\\ 1,352\\ 1,606\\ 1,606\end{array}$	1,318 1,796 1,796 1,028 786 786 786	d 1,039 d 1,013 1,325 1,563 1,688 1,880 1,880 1,880	u unual re
*5520 8555 8555 8555 8555 8555 8555 8555	$\begin{array}{c} 725\\ 400\\ 620\\ 657\\ 650\\ 652\\ 652\\ 652\\ 652\\ 652\\ 652\\ 652\\ 652$	$\begin{array}{c} 543 \\ 715 \\ 390 \\ 380 \\ 692 \\ 423 \\ 792 \\ 792 \end{array}$	$750 \\ 907 \\ 907 \\ 532 \\ 532 \\ 545 \\ 545 \\ 545 \\ 545 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 \\ 167 $	200 1579 707 844 925 945 945	apt's a
416 340 338 338 446 539 439 535 5450 5450 5450 5450 5450 5450 5450	814 393 592 583 449 449	577 702 412 412 339 660 660 814	568 568 889 496 416 357 200 200	295 295 618 719 935 935	ntende
*94 300 500 0 250 0 0	255 00 02 02 02 02 02 02 02	73 13 21 8 8 0 210 210 17	* 25 25 75 75 75	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	<ul> <li>Senations from annual report of the school commit 905.</li> <li>d From State superintendent's annual report for 1905.</li> </ul>
*71i 1,000 1,100 1,100 1,100 1,100 1,2,600 2,600	**************************************	$\begin{smallmatrix} 1, 520\\ 1, 483\\ 1, 330\\ 1, 184\\ 1, 184\\ 1, 032\\ 1, 050\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 531\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1, 532\\ 1,$	1,600 2,200 800	1,500 1,000 1,525 *2,000 1,197	rom Sta
*6-16 6-16 6-16 6-16 6-16 6-16 6-16 *6-21 *6-21 *6-21	6-16 6-16 6-21 6-21 6-21 6-21 6-21 6-21	01 4 2 2 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	6-21 6-21 6-21	6-21 6-21 6-21	1905. d F
7,7,6,4,7,4,4,6,882 7,7,7,2,938 7,2,2,938 7,2,2,938 7,2,2,938 7,2,2,938 7,2,2,2,3,2,3,2,3,2,3,2,3,3,2,3,3,3,3,3,	4,4,0,2,0,4,6,0,2,4,6,0,0,2,3,4,4,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0,0	$\begin{array}{c} 6,  901 \\ 6,  317 \\ 6,  317 \\ 6,  305 \\ 4,  305 \\ 4,  194 \\ 6,  103 \\ 7,  541 \\ 7,  541 \end{array}$	$     \begin{array}{c}       3,766\\       5,498\\       4,075\\       4,647\\       3,937\\       3,937\\       4,138\\       537\\       4,138\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537\\       537 $	5, 5, 4, 607 5, 4, 607 5, 485 5, 485 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 607 6	t, 1904.
Ranktn Rechovo. Rechoster St. Clair a St. Marys Sayro. Sayro. Sharpsburg. Tamaqua.	Dh	Bristol Burrillville Goventry Johnston North Kingstown Warren Warren Westerly sourft CAROLINA.	Abbeville Anderson Braufort e Chester Plorenco. Gadiney*	Greenwood Gautternwood New/berry Orengelourg Rockhill Sumter Union & Greeteroof ford.	* Statistics of 1903-4. a Statistics from State report b Approximately.
	-vol 1-37	524 525 525 527 529 530 530	532 532 532 532 532 532 532 532 532 532	550 540 545 545 545 545 545 545 545 545	

### CITY SCHOOL SYSTEMS.

## EDUCATION REPORT, 1905.

nre.	tibnəqxə lstoT	20		$\begin{array}{c} \$38,000\\ \$7,294\\ 23,489\\ 17,966\end{array}$	$ \begin{array}{c} 9,524\\ 11,000\\ \dots\end{array} $	17,832 13,725	* 13, 25, 24, 24, 24, 24, 24, 24, 24, 24, 24, 24
	Salaries of t and super officers.	19		$\begin{array}{c} \$23,000\\ 30,024\\ 12,596\\ 13,718\end{array}$	${}^{6,600}_{7,300}_{4,000}_{4,000}$	15,438 11,905	9, 723 12, 428 13, 250 13, 250 13, 250 14, 1230 14, 1230 8, 910 8, 910 9, 910 8, 910 8, 910 8, 910 8, 910 8, 910 8, 910 8, 910 9, 910 8, 910 9, 9100 9, 9100 9, 910
-qorq s	Value of publi erty used for purposes.	18		101,000 101,000 40,000 85,161	$b \begin{array}{c} 44,050\\ 35,000\\ 20,000\end{array}$	53, 360 22, 575	22, 822 29, 000 51, 180 51, 180 51, 180 55, 200 55, 20
	Seats or sitti study in all schools.	17	1	1,200 1,650 730 820	$^{1,100}_{1,100}$	1,075 1,125	*550 1,024 1,024 1,400 1,400 1,400 1,555 1,255 890 841 1,193 1,193 1,500 1,500 1,500 1,500 1,500 1,500
	su sgnibling qruq loodos	16		3 % 4 4	00 PT PT 01	4.73	с4000000000044001- с40000000
ach-	.IstoT	15		$^{23}_{23}$	19 22 12	53	82222288242288822288
Regular teach- ers.	мотеп.	14		22 8 8 8 5 8 8 8	15 16 10	17 17	21112888888888888888888888888888888888
Regu	.n9M	13		12 <del>4</del> 1 1	10 C 00 A	0 20	9 
ficers.	to gaisivrequ <sup>2</sup>	12			00	15	
-bnetta	Атегаge daily. алсе.	11		$^{1,000}_{589}$		815 703	767 818 1,061 926 556 550 556 536 536 536 536 1,153 536 536 536 536 536 536 1,153 536 536 536 536 1,143 536 536 536 536 1,145 536 536 536 536 556 557 557 556 1,155 556 1,155 556 1,155 556 1,155 556 556 556 556 556 556 556 556 556
io rədr io əəns	Aggregate nur days' attend all pupils.	10		$\begin{array}{c} 178,267\\225,099\\101,968\\109,747\end{array}$	$\begin{smallmatrix} 134,816\\164,736\\b\ 180,000\end{smallmatrix}$		135,065 184,240 184,240 188,705 188,705 188,705 172,600 772,600 772,600 772,600 173,597 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,977 124,9777 124,9777 124,97777 124,97777 124,97777 124,9777777777777777777777777777777777
urs the a actu- n.	ab lo rədmuN məw eloodəs oiseəs ni ylla	6		$178 \\ 194 \\ 173 \\ 1712 \\ 1712 \\ 2$	176 192 180	180 180	176 177 178 178 178 178 177 177 177 177 177
Different pupils enrolled in pub- lic day schools.	.IstoT	x		$1,230 \\ 1,493 \\ 826 \\ 818 \\ 818$	$1,180 \\ 1,060 \\ 1,340 \\ 600 $	1, 144 1, 032	1, 204 , 405 , 405 , 405 , 405 , 405 , 405 , 708 , 539 , 621 , 1, 129 , 129
ent illed i ay sel	.slrib.			$611 \\ 751 \\ 450 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 \\ 440 $	589 581 690 240 240	589 586	637 742 742 683 683 808 332 512 512 512 512 512 512 512 512 512 51
Differ enro lic d	Boys.	9		619 742 376 378	$ \begin{array}{c} 591 \\ 479 \\ 650 \\ 360 \\ 360 \\ \end{array} $	555 446	567 830 721 721 721 721 721 721 721 721 721 721
.sloor	avirq ni sliqu¶ fəs Isidəorsq	12		200 0 120	• 150 100	60 135	*150 *150 *150 *150 *150 *150 *150 *150
	Children of seb age sus	4		$1,727 \\ 1,919 \\ 997 \\ 1,139$	$^{1,603}_{2,196}$	1,554 1,149	$\begin{array}{c} 1,135\\1,020\\1,380\\1,380\\1,371\\1,771\\1,771\\1,771\\1,772\\0,86\\0,86\\0,86\\1,772\\0,19\\1,712\\1,019\\1,740\\1,210\\1,210\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,200\\1,2$
រាឱ៤•	susnee loode8	ಿ		6-216-216-216-216-21	$\begin{array}{c} 6-21\\ 6-21\\ 6-21\\ 6-21\\ 6-21\end{array}$	7-17 7-18	27777777777777777777777777777777777777
to suan	Population, ce 1500.	8		$\begin{array}{c} 4,087\\ 6,210\\ 4,055\\ 4,125\end{array}$	5,271 6,052 4,645 3,999	5, 042 5, 968 305	୧୦୦ ଲିକ୍ୟୁକ୍ୟୁକ୍ଟ୍ୟୁକ୍ୟୁକ୍ଷ୍ଟ୍ର 2011 - 2012 - 2012 - 2013 2015 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 2013 - 201 
	City. 1		SOUTH DAKOTA.	Aberdeen Lead . Mitchell	TENNESSEE. Bristol. Columisa. Johnson City. Murfreesboro *.	TEXAS. Bonham	Brownwoud Brownwoud Corpus Christi Denton. Corpus Bunis. Groazales * Groazales * Groazales * Groazales * Groazales * Maristora Narasoda Narasoda Orange Orange Orange Orange Taylor Ternel * Texarkana. Vietoria. Waxhachie
				546 547 548 549	550 551 553 553	555 555	557 556 556 556 556 556 566 566 566 566

TADE 14.—School statistics of cities and villages containing between 4,000 and 8,000 inhabitants, 1904-5-Continued.

## CITY SCHOOL SYSTEMS.

$\begin{array}{c} 24,836\\ 37,864\\ 35,084 \end{array}$	34, 347 20, 777 32, 550 20, 400 28, 507	$\begin{array}{c} 8,000\\ 23,701\\ 13,207\\ 6,533\\ 7,210\end{array}$	27,327 16,500	*24,000 *24,524 36,000 30,400 20,000 18,997 10,009	$\begin{array}{c} 24,576\\ 28,867\\ 19,267\\ 21,949\end{array}$	$^{6,472}_{7,225}_{31,177}$	
325 860 126	333 497 450 116 116	$\begin{smallmatrix} 6,241\\11,763\\12,262\\5,778\\5,778\end{smallmatrix}$	500 307 b	$\begin{array}{c} 7,350\\17,175\\15,200\\15,200\\12,8266\\11\\2,9299\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\12\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2,926\\1\\2$	$\begin{array}{c c}15,203\\19,957\\9,646\\\end{array}$	5,353 5,170 19,683 3	ays.
207 15, 000 15, 500 20,	125,000 125,000 125,000 125,000 15, 60,000 13, 80,000 14,	575 575 500 600	$\begin{bmatrix} 78,800\\57,650 \end{bmatrix}$ 17,	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	110,000 15 90,000 19 80,000 11 65,500 9	00000	grades, 116 days.
81, 85,	80,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000 125,000	20 11 11 10 10				30 125	
1,400 1,105 1,628	$\begin{smallmatrix} 1,400\\925\\956\\1,248\\1,100\end{smallmatrix}$	$\begin{array}{c} 2,000\\ 2,000\\ *,761\\ *,745\\ 800\end{array}$	1,000 950	$\begin{smallmatrix}&&&&&\\&&&&&&\\&&&&&&\\&&&&&&\\&&&&&&\\&&&&&&$	$^{*1,200}_{1,600}$	$^{325}_{360}$	Primary
10 4 4	100040	0000400400	44	0 10 00 00 00 4 0 10 00 00 00 4	00 CL CL CL	000	ą
$\frac{26}{35}$	325226	$144 \\ 126 \\ 126 \\ 126 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 \\ 114 $	27 21	2333216	$32 \\ 38 \\ 27 \\ 19 \\ 19 \\ 19 \\ 19 \\ 10 \\ 10 \\ 10 \\ 10$	$^{9}_{33}$	
19 23 23	868886 <b>8</b>	$\begin{array}{c} 12\\ 28\\ 28\\ 11\\ 11\\ 11\\ 11\\ 11\\ 11\\ 11\\ 12\\ 12\\ 12$	22 17	$^{11}_{222}$	$^{25}_{25}$	29 8 7	
12.2.7	001100	01 20 47 47 69 69	54		1000	01014	
00 v0 00	00 00 <del>4</del> 00 01 01			6666-6	- 0 0 0		days
$1,075\\886\\1,318$	${ \begin{smallmatrix} 1,125\\698\\679\\744\\822\\793 \end{smallmatrix} }$	$1,353\\608\\767\\767\\590$	935 771	$\begin{array}{c} 926\\ 974\\ 1,620\\ *662\\ *662\\ 957\\ 1,117\end{array}$	$1,163\\1,124\\567$	223 295 1,074	<sup>b</sup> Approximately. c High school, 182 days.
$\frac{182}{159}, 665$ $\frac{159}{228}, 214$ $228, 214$	196, 875 132, 650 120, 313 126, 480 145, 712 145, 119	99,088 99,088 1111,734 139,656 89,100 113,515	161,681 133,385	$\begin{array}{c} 106, 336\\ 171, 345\\ 255, 960\\ 2555, 960\\ 105, 920\\ 175, 102\\ 179, 974 \end{array}$	$\begin{array}{c} 203,725\\ 194,284\\ 152,872\\ 107,887\end{array}$	$\left  \begin{smallmatrix} 42,  421 \\ 53,  100 \\ 190,  104 \end{smallmatrix} \right $	Approx Jigh sc
				*			6 ]
170 180 176	175 192 177 170 189 183	176 182 183 180 180 180 190	173 173	a 175 a 175 176 158 156 156 156 183 183 165	180 175 194 187	188 180 178	
$1, 433 \\ 1, 144 \\ 1, 606$	$\begin{smallmatrix} 1,212\\952\\759\\1,059\\1,059\\978\end{smallmatrix}$	$\begin{smallmatrix} & 0.4 \\ & 0.4 \\ & 735 \\ & 735 \\ & 735 \\ & 735 \\ & 774 \\ & 774 \end{smallmatrix}$	$^{1}_{1,018}$	$^{655}_{1,242}$ $^{1,242}_{1,409}$ $^{1,409}_{1,137}$ $^{1,375}_{1,205}$ $^{1,205}_{1,533}$ $^{1,205}_{1,533}$	$1, 645 \\ 1, 457 \\ 1, 048 \\ 795$	$^{293}_{312}$ 312 1,433	
734 561 854	$\begin{array}{c} 604 \\ 482 \\ 397 \\ 549 \\ 549 \\ 472 \\ \end{array}$	463 932 399 464 380 406	668 513	330 661 693 970 585 571 787	860 774 546 435	$146 \\ 166 \\ 724$	1904.
699 583 752	$\begin{array}{c} 608 \\ 470 \\ 362 \\ 449 \\ 510 \\ 506 \end{array}$	441 777 336 455 368 368	594 505	325 581 581 581 581 582 552 552 552 552 552 552 552 552 552	785 683 502 360	147     146     709     709	03 and
${}^{318}_{80}$	$\begin{array}{c} 0\\ 204\\ 550\\ 500\\ 500 \end{array}$	50 234 235 234 223 234 225	$150 \\ 250$	$^{*300}_{200}$	$\begin{array}{c} 350 \\ 0 \\ 25 \\ 375 \end{array}$	$314 \\ 183 \\ * 300$	t for 19
$\begin{array}{c} 2,114\\ 1,198\\ 2,379\end{array}$	$\begin{array}{c} 1,284\\ 1,297\\ 988\\ 1,435\\ 1,300\\ 1,849\end{array}$	$\begin{smallmatrix} 1,200\\2,250\\1,675\\1,726\\1,104\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,663\\1,$	$1,514\\1,200$	2,2,408	2,345 1,698 1,782 1,644	$^{558}_{*1,857}$	intender
6-18 6-18 6-18	5-18 5-18 5-18 5-18 8-18 5-21 5-18 5-18	$\begin{array}{c} 7-20\\ 5-21\\ 5-20\\ 7-20\\ 5-21\\ 5-21\end{array}$	5-21 5-21	6-22 6-22 6-22 6-22 6-22 6-22 6-22 6-22	4-20 4-20 4-20	$\left\{\begin{array}{c} 4-20\\ 4-20\\ * 4-20\end{array}\right.$	of the State superintendent for 1903 and 1904.
$\begin{array}{c} 5,451\\ 3,759\\ 6,185\end{array}$	$\begin{array}{c} 4, 337\\ 5, 656\\ 6, 297\\ 6, 239\\ 5, 666\\ 5, 666\end{array}$	$\begin{array}{c} 4, 988\\ 6, 449\\ 5, 068\\ 3, 229\\ 5, 161\\ 5, 161\end{array}$	$^{4}_{4},082$ $^{4}_{4},006$	$ \begin{array}{c}       4, 4, 511 \\       4, 6, 500 \\       5, 6, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\       5, 500 \\  $	$\begin{array}{c} 5,145\\ 5,751\\ 5,751\\ 4,480\\ 4,480\end{array}$	4,038	the Sta
UTAH. Logan Park City Provo City	Bellows Falls. Bennington. Brattleboro. Montpelfer St. Albans St. Johnsbury.	VIRGINIA. Berkley Bristol. Charlottesville Charlottesville Staunton. Staunton. Winhoster Winhoster	Olympia. Vancouver	Benwood Burdend Burdend Clarksburg Rairmont Gratton. Martinsburg. Martinsburg.	WISCONSIN. Antigo Baraboo	Test side Test side Test side Grand Rapids	*Statistics of 1903-4. a From biennial report of
574 575 576	577 578 579 580 581 582	584 585 586 586 588 588 788 788 788 788 788 788 788 788	590 591	592 595 595 596 597 597 597 597 597 597 597 597 597 597	603 602 603	604 605 606	

•əını	ibnəqxə İstoT	20	813,000 16,050 16,050 16,050 17,050 17,000 17,000 17,000 17,000 132 23,132 132,000 132 132,000 132 132,000 132 132,000 132 132,000 132 132,000 132,000 132,000 132,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,000 14,0000 14,0000 14,0000 14,0000 14,0000 14,0000 14,0000000000
enehers Zuisi7	Balarics of t and super. officers.	19	\$10,000 13,121 13,121 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 11,145 1
r sehool e prop-	Value of publi of bases. purposes.	18	\$100,000 \$6,000 78,000 78,000 150,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000
roî sza 9ilduq	Seats or sitti study in all sehools.	17	700 1,380 1,600 1,800 1,185 1,185 1,380 1,380 1,380 1,380 1,380 1,380 1,450 1,450 1,450
ed for oses.	Buildings us	36	0140041-410000 n
ach-	.istoT	15	19 352 252 252 255 252 255 252 252 252 252
Regular teach- ers.	лэшо W	14	17 325 232 33 57 57 57 57 57 57 57 57 57 57 57 57 57
Regu	.n9M	13	40,000000 - 00 01
ncers.	lo guisivieque	50 17	4.001001001 001 1 4.001001001
-bnetta	л verage daily алее.	11	515 746 631 1, 212 799 682 880 880 1, 054 1, 054
to redm to sonal	Aggregate nu days' attenc all pupils.	10	90,000 142,009 2111,729 213,545 131,729 133,408 153,408 153,408 153,408 153,408 153,408 153,077 *135,977 *135,977
on. e aetu- ays the	Number of da sehools wer ally in sessic	<b>5</b>	175 190 177 177 177 190 174 177 190 177 173 177 173 177 173 177 173 177 173 177 177
pupils in pub- chools.	.lstoT	æ	$\begin{smallmatrix} & 1, 550\\ & 1, 550\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & 1, 568\\ & $
ž 🚽	.shib	-	275 505 503 803 803 803 803 803 651 504 491
Different enrolled lic day	.syou	9	275 535 535 513 513 513 513 513 513 531 446
ate and ates.	Pupils in priv Parochial sci	10	600 605 605 605 605 835 605 835 605 835 605 835 600 835 600 835 600 835 835 600 835 835 835 835 835 835 835 835 835 835
	Children of sch gs sus	4	1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000
•9 <b>3</b> 8	susnaa looda2	e	6-21 6-21 6-21 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 74-20 740
lo suar	Population, ee	લ્ય	ر (10 مربو با باری با باری با باری از از از از از از از از از از از از از
	City.	I	WISCONSIN—continued. Kaukauna Marshfield Manshfield Menomonie Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe* Monroe*
			607 607 612 6113 6114 6115 6115 6115 6115 6115 6115 6115

\* Statistics of 1903-4.

 $^{aApproximately.}$ 

TABLE 14.—School statistics of cities and villages containing between 4,000 and 8,000 inhabitants, 1904–5-Continued.

EDUCATION REPORT, 1905.

#### CITY SCHOOL SYSTEMS.

	Number			Pupils.			
State or Territory.	of cities and vil- lages re- porting public kinder- gartens.	Number of schools.	Number of in- struet- ors.	Boys.	Girls,	Not re- ported as to sex.	Total.
United States	358	3,176	4.795	a 91,064	a 92,081	a 21,973	a 205, 118
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	$     \begin{array}{r}       177 \\       13 \\       19 \\       127 \\       22     \end{array} $	$1,765 \\ 80 \\ 66 \\ 1,120 \\ 145$	$2,419 \\ 159 \\ 131 \\ 1,833 \\ 253$	$\begin{array}{r} 45,129\\1,893\\1,856\\37,253\\4,933\end{array}$	$\begin{array}{r} 44,895\\ 1,962\\ 2.037\\ 38,246\\ 4,941 \end{array}$	$   \begin{array}{r}     16,979 \\     \hline     627 \\     4,367   \end{array} $	$107,003 \\ 3,855 \\ 4,520 \\ 79,866 \\ 9,874$
North Atlantic Division: Maine. New Hampshire. Vermont. Massachusetts. Rhode Island. Connecticut. New York. New Jersey. Pennsylvania. South Atlantic Division:	7753336185553214	$23 \\ 21 \\ 14 \\ 277 \\ 51 \\ 94 \\ 797 \\ 251 \\ 237$	39 34 200 497 92 189 881 307 360	1954142758,1291,6952,25222,8553,3575,957	$197 \\ 438 \\ 277 \\ 8, 124 \\ 1, 650 \\ 2, 303 \\ 22, 207 \\ 3, 305 \\ 6, 394$	$\begin{array}{r} 649\\ 47\\ 254\\ 164\\ 758\\ 1,486\\ 12,110\\ 1,511\end{array}$	$1,041 \\ 852 \\ 599 \\ 16,507 \\ 3,509 \\ 5,313 \\ 46,548 \\ 18,772 \\ 13,862 \\$
Maryland District of Columbia Virginia West Virginia North Carolina. South Carolina. Georgia. Florida.	1 2 2 1 2 3 1	$     \begin{array}{r}       19 \\       42 \\       8 \\       2 \\       1 \\       2 \\       5 \\       1     \end{array} $	$     \begin{array}{r}       40 \\       86 \\       16 \\       4 \\       2 \\       2 \\       8 \\       1     \end{array} $	$\begin{array}{r} 404\\ 1,023\\ 193\\ 82\\ 20\\ 39\\ 102\\ 30\end{array}$	$\begin{array}{r} 402\\ 1,056\\ 188\\ 103\\ 30\\ 38\\ 125\\ 20\end{array}$		$\begin{array}{c} 806\\ 2,079\\ 381\\ 185\\ 50\\ 77\\ 227\\ 50\end{array}$
South Central Division: Kentucky	4 5 3 3 1	$24 \\ 8 \\ 4 \\ 22 \\ 5 \\ 3 \\ 3 \\ 3 \\ 5 \\ 3 \\ 5 \\ 3 \\ 3 \\ 5 \\ 3 \\ 5 \\ 3 \\ 5 \\ 3 \\ 5 \\ 5$	$49 \\ 14 \\ 5 \\ 51 \\ 6 \\ 6 \\ 6$	$742 \\ 144 \\ 101 \\ 643 \\ 96 \\ 130$	843 116 127 733 109 109	627	2,212 $260$ $228$ $1,376$ $205$ $239$
North Central Division: Ohio Indiana. Illinois. Michigan. Wisconsin. Minnesota. Iowa. Missouri. South Dakota. Nobraska. Kansas.	$     \begin{array}{r}       13 \\       15 \\       9 \\       31 \\       29 \\       4 \\       17 \\       2 \\       1 \\       3 \\       3     \end{array} $	$124 \\ 76 \\ 220 \\ 186 \\ 168 \\ 56 \\ 84 \\ 155 \\ 2 \\ 46 \\ 3$	$169 \\ 104 \\ 278 \\ 263 \\ 331 \\ 96 \\ 132 \\ 375 \\ 2 \\ 80 \\ 3$	$\begin{array}{c} 3,958\\ 1,652\\ 9,232\\ 5,991\\ 6,733\\ 1,713\\ 943\\ 5,576\\ 19\\ 1,412\\ 24 \end{array}$	$\begin{array}{c} 4,207\\ 1,787\\ 9,330\\ 5,832\\ 6,967\\ 1,931\\ 995\\ 5,819\\ 22\\ 1,331\\ 25\end{array}$	95 245 570 1,761 400 1,2964	$\begin{array}{c} 8,260\\ 3,684\\ 18,562\\ 12,393\\ 15,461\\ 4,044\\ 3,234\\ 11,395\\ 41\\ 2,743\\ 49\end{array}$
Western Division: Montana Colorado New Mexico Utah. Nevada Washington. California.	$1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 13$	$     \begin{array}{c}       6 \\       41 \\       1 \\       5 \\       1 \\       5 \\       86 \\       \end{array} $	$     \begin{array}{c}       6 \\       76 \\       1 \\       11 \\       2 \\       6 \\       151     \end{array} $	$\begin{array}{r} 68\\ 1,786\\ 23\\ 136\\ 40\\ 157\\ 2,723\end{array}$	$75 \\ 1.793 \\ 36 \\ 127 \\ 44 \\ 186 \\ 2,680$		$egin{array}{c} 143 \ 3,579 \ 59 \ 263 \ 84 \ 343 \ 5,403 \ \end{array}$

 TABLE 15.—Summary of statistics of public kindergartens reported in cities of 4,000 population and over, 1904-5.

a Not including statistics of pupils in cities known to have kindergartens but which failed to report.

	Number	Instruct-	Pupils.		
State and city.	of schools.	ors.	Boys.	Girls.	Total.
1	2	3	4	5 -	6
ALABAMA.					
Bessemer. Florence. Mobile. Opelika. Phenix *	1 1 4 1 1	1 2 7 2 2	16 20 87 * 8 13	$14 \\ 20 \\ 53 \\ * 12 \\ 17 $	$\begin{array}{r} & 30 \\ & 40 \\ & 140 \\ & *20 \\ & 30 \end{array}$
CALIFORNIA. Fresno.		1	40	94	74
Los Angeles Oakland Pasadena Pomona Redlands:	$\begin{array}{c}1\\47\\2\\6\\3\end{array}$	$\begin{vmatrix} 1 \\ 86 \\ 2 \\ 14 \\ 6 \end{vmatrix}$	$     \begin{array}{r}             40 \\             1, 617 \\             72 \\             186 \\             95         \end{array}     $	$34 \\ 1,553 \\ 71 \\ 225 \\ 98$	$74 \\ 3,170 \\ 143 \\ 411 \\ 193$
Lugonia district Redlands district Riverside Sacramento San Diego Santa Ana Santa Barbara Santa Cruz	24	3 2 2 16 6 4 7 2	$\begin{array}{r} 60 \\ * 27 \\ 18 \\ 206 \\ 201 \\ 64 \\ 112 \\ 25 \end{array}$	$35 \\ * 39 \\ 44 \\ 212 \\ 171 \\ 74 \\ 92 \\ 32$	95 * 66 62 418 372 138 204 .57
COLORADO.	07		1 500	1 501	0.170
Denver Pueblo (district No. 20)	37	68 8	$1,598 \\ 188$	$1,561 \\ 232$	3, 159 420
CONNECTICUT. Bristol. East Hartford. Hartford.	3 18	6 6 57 1	141 	146	287 150 50
Killingly Manchester (Ninth District) Meriden Naugatuck New Britain. New Haven. New London	1 $4$ $8$ $18$	$     \begin{array}{c}       2 \\       2 \\       4 \\       18 \\       32 \\       10     \end{array} $	128 125 281 829	143 131 309 888	271 75 256 590 1,717 250
New Milford. Norwalk. Norwich (Central District). Putnam. Stamford.	1 6 5 1 6	$ \begin{array}{c c} 1 \\ 12 \\ 10 \\ 2 \\ 6 \end{array} $	19 179	23 152 138 278	42 331 205 78 308
Waterbury Willimantic Winsted	7 3 2	10 5 5	284 70	71	562 141
DISTRICT OF COLUMBIA.	42	86	1,023	1,056	.2,079
FLORIDA.	1	1	30	20	50
GEORGIA. Athens. Augusta. Columbus.	1 3 1	$\begin{array}{c}1\\6\\1\end{array}$	$28 \\ 60 \\ 14$	29 70 26	57 130 40
ILLINOIS. Chicago Dixon (north side). Edwardsville *.	= 200 1 1	$235 \\ 3 \\ 1$	8,723 33	8,772 36	17,495 69
Evanston: District No. 75. District No. 76. Lagrange Moline. Pontiae. Spring Valley.	$2 \\ 3 \\ 7 \\ 1$	$ \begin{array}{c} 8\\ 4\\ 19\\ 2\\ 2\\ 2\end{array} $	$96 \\ 50 \\ 67 \\ 218 \\ 25 \\ 20$	$113 \\ 55 \\ 78 \\ 226 \\ 25 \\ 25 \\ 25 \\ 25 \\ 25 \\ 25 \\ 2$	$209 \\ 105 \\ 145 \\ 444 \\ 50 \\ 45$
INDIANA. Anderson. Columbus. Evansville. * Statistics.	2 7	2 3 14	$78\\40\\274$	83 50 280	161 90 554

## TABLE 16.—Public kindergartens in cities of over 4,000 inhabitants in 1904-5.

\* Statistics of 1903-4.

	Number	Instruct-	Pupils.			
State and city.	of schools.	ors.	Boys. Girls.		Total.	
1	2	3	4	õ	6	
INDIANA-centinued.						
Fort Wayne. Hammond *.	5 6	10 12	151 178	169 228	\$20 406	
Laporte. Michigan City.	$\frac{2}{7}$	12 4 7	56	79	135 245	
Muncie Richmond	2 5	12 5	97 116	89 124	186     240	
Shelbyville South Bend	4 8	$\frac{2}{16}$	79 182	92 201	$171 \\ 383$	
Terre Haute Valparaiso	23 1	12 1	288 47	281 52	569 99	
Vincennes. Whiting *.	1 1	$\begin{array}{c} 2\\ 2\end{array}$	39 27	$\frac{38}{21}$	77 48	
IOWA.						
Burlington. Cedar Falls.	5 1	82	* 106	* 112	* 218	
Cedar Rapids. Charles City.	4	8 2	89	46	261 85	
Council Bluffs Creston. Des Moines (west side)	$     \begin{array}{c}       11 \\       4 \\       20     \end{array} $	18 8 20	96	104	200 913	
Dubuque. Fort Dodge.		14	234	243	477	
Grinnell	7 7 3 7 2 5 1	7 3 7	$\begin{array}{c} 60\\ 145\end{array}$	$\begin{array}{c} 64 \\ 141 \end{array}$	124 286	
Mount Pleasant. Oskaloosa	2 5	4 5 3	*98	* 92	69 * 190	
Washington. Waterloo:			55	81	136	
East side West side Webster City	4 1 1	8 3 2	70 40	70 42	140 82 53	
KANSAS.	1	2			00	
Coffeyville. Fort Scott	$\frac{1}{1}$	1	. 10	15	25	
Winfield.	î	1 1	14	10	24	
KENTUCKY.	6	10	273	316	589	
Frankfort Lexingtou	1 5	$     \begin{array}{c}       12 \\       2 \\       20     \end{array} $	273	23	50 * 627	
Louisville.	12	15	442	504	946	
LOUISIANA.	1		24	20	57	
Monroe. New Orleans. Shreveport.	1 20 1	$\begin{array}{c}2\\27\\2\end{array}$	24 594 25		$     \begin{array}{r}       57 \\       1,267 \\       52     \end{array}   $	
MAINE.	1	2	20	2.	01	
Bangor Biddeford.	5 1	11 1	92 14	88 22	$\frac{180}{36}$	
Lewiston. Oldtown	4	4	62 9	64 11	126 20	
Portland	9 1	18 1	18	12	5 <u>5</u> 9 30	
Skowhegan *	2	2			60	
MARYLAND. Baltimore	19	40	404	402	806	
MASSACHUSETTS.						
Andover	$\frac{3}{2}$	4 3	$\begin{array}{c} 61 \\ 44 \end{array}$	59 55	120 99	
Boston. Braintree.	99 5	184 5	$3,552 \\ 74$	$3,502 \\ 75$	$7,054 \\ 149$	
Bridgewater. Brookline	1 11	$\begin{array}{c}1\\20\\32\end{array}$	22 266	15 261	37 527	
Cambridge Chelsea	16 2 2	32 2 2	451 61 37	478     54     44	929 115 81	
Chicopee	2	2	51	44 1	81	

TABLE 16.—Public kindergartens in citics of over 4,000 inhabitants in 1904-5-Continued.

\* Statistics of 1903-4.

	Number	Instruct-	Pupils.			
State and city.	of schools.	ors.	Boys.	Girls.	Total.	
1	2	3	4	5	6	
MASSACHUSETTS-continued.						
Dedham. Easton. Fall River. Greenfield. Haverhill. Holyoke. Lowell. Marblehead. Medford. Melrose. Milton. New Bedford. New Bedford. North Adams. North Adams. North Andams. North Andams. Somerville. Somerville. Springfield.	$\begin{array}{c} 4\\ 1\\ 3\\ 2\\ 6\\ 7\\ 7\\ 12\\ 2\\ 7\\ 7\\ 8\\ 4\\ 4\\ 3\\ 14\\ 6\\ 4\\ 2\\ 2\\ 5\\ 4\\ 4\\ 14\\ 14\\ 1\end{array}$	$\begin{array}{c} 8\\ 2\\ 6\\ 2\\ 4\\ 14\\ 24\\ 4\\ 5\\ 16\\ 7\\ 6\\ 29\\ 12\\ 7\\ 4\\ 10\\ 8\\ 26\\ 2\end{array}$	$\begin{array}{c} 70\\ 30\\ 89\\ 27\\ 116\\ 217\\ 403\\ \hline \\ 165\\ 145\\ \hline \\ 94\\ 345\\ 197\\ 65\\ 60\\ 135\\ 132\\ 575\\ 132\\ 575\\ 17\\ \end{array}$	84 199 115 240 347 137 137 87 394 224 84 64 64 117 104 572 10	$154\\49\\204\\67\\237\\457\\7500\\86\\297\\282\\168\\181\\149\\2421\\149\\252\\236\\1,147\\27\\236$	
Westfield. West Springfield. Winchester. Worcester. MICHIGAN.	1 5 3 2 17	$10 \\ 3 \\ 4 \\ 31$	89 85 52 453	69 63 55 503	158 148 107 956	
Bay City. Benton Harbor. Bessemer. Big Rapids. Calumet. Coldwater Detroit. Dowagiac Escanaba Flint. Grand Haven. Grand Haven. Grand Haven. Grand Rapids. Holland. Ishpeming *. Kalama.zoo. Manistee. Manistee. Manistee. Manistee. Manistee.	$\begin{array}{c} 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 2\\ 3\\ 3\\ 4\\ 7\\ 1\\ 1\\ 1\\ 2\\ 2\\ 4\\ 4\\ 3\\ 3\\ 3\\ 6\\ 6\\ 6\\ 6\\ 6\\ 6\\ 6\\ 6\\ 6\\ 6\end{array}$	$\begin{array}{c} 2\\ 1\\ 4\\ 2\\ 14\\ 2\\ 3\\ 79\\ 1\\ 4\\ 6\\ 3\\ 35\\ 3\\ 16\\ 10\\ 12\\ 6\\ 3\\ 4\\ 6\end{array}$	$\begin{array}{r} 83\\ 15\\ 50\\ 32\\ 445\\ 32\\ 61\\ 2,077\\ 56\\ 100\\ \hline \\ 770\\ -98\\ 118\\ 228\\ 260\\ 282\\ +186\\ 77\\ 62\\ 215\\ \end{array}$	76 16 70 36 438 39 90 1.887 52 100 43 751 113 207 250 301 *203 70 (68 202	$\begin{array}{c} 159\\ 31\\ 120\\ 68\\ 883\\ 71\\ 151\\ 3,964\\ 200\\ 250\\ 250\\ 255\\ 211\\ 215\\ 231\\ 435\\ 510\\ 583\\ *389\\ 147\\ 130\\ 147\\ 147\end{array}$	
Mount Clemens. Muskegon Negaunee Pontiac St. Joseph Sault Ste. Marie Traverse City. Wyandotte. Ypsilanti. MINNESOTA.	4 8 1 4	5 10 2 4 4 5 8 5 * 1	$ \begin{array}{c} -125\\ 243\\ 39\\ 76\\ 40\\ 85\\\\ 64\\ 27\\ \end{array} $	120 210 52 86 49 98 58 30	$245 \\ 453 \\ 91 \\ 162 \\ 89 \\ 183 \\ 320 \\ 122 \\ 57 \\ 122 \\ 57 \\ 122 \\ 57 \\ 122 \\ 57 \\ 122 \\ 57 \\ 122 \\ 57 \\ 122 \\ 57 \\ 122 \\ 57 \\ 122 \\ 57 \\ 122 \\ 57 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 \\ 122 $	
MINNESOTA. Duluth. Minneapolis. St. Paul. Winona	12 4 33 7	8	415 218 1,080	$425 \\ 225 \\ 1,281$	840 443 2, 361 400	
MISSISSIPPI. McComb. Natchez. Vicksburg *	1 2 1	$\begin{array}{c}1\\2\\2\end{array}$	45 25 31	40     40     47	85 65 78	
MISSOURI. Kansas City St. Louis* Statistic	22 133 s of 1903-4	344	663 4,913	700 5, 119	$1,363 \\ 10,032$	

TABLE 16.—Public kindergartens in cities of over 4,000 inhabitants in 1904-5—Continued.

	Number	Instruct-	Pupils.			
State and city.	of schools.	ors.	Boys.	Girls.	Total.	
1	5	3	4	5	G	
MONTANA. Helena	6	6	68	75	143	
	0	0	100	(+)	1.40	
NEBRASKA. Umcha. York.	$\begin{smallmatrix}&13\\&32\\&1\end{smallmatrix}$	$\begin{array}{c} 26\\52\\2\end{array}$	395 983 34	412 894 25	$^{ m 807}_{ m 1,877}_{ m 59}$	
NEVADA.			1			
Reno*	1	2	40	44	84	
Claremont. Concord (Union District). Franklin Keene. Manchester. Nashua. Portsmouth.	$2 \\ 6 \\ 2 \\ 2 \\ 1 \\ 4 \\ 4$	2 12 2 4 2 4 2 4 8	$\begin{array}{c} 6\\ 121\\ 26\\ 45\\ 16\\ 112\\ 88 \end{array}$	$15 \\ 111 \\ 32 \\ 39 \\ 22 \\ 118 \\ 101$	$21 \\ 232 \\ 58 \\ 84 \\ 38 \\ 230 \\ 189$	
NEW JERSEY.						
Asbury Park. Bayonne. Bloomfield. Boonton Camden Dover. East Orange. Englewood. Hoboken Jersey City Long Branch Modtclair. New Branch Montclair. Newark Montclair. Newark. Newton. North Plainfield. Orange. Paterson. Pettn Amboy. Plainfield. Princeton. Retherford. Salem Somerville. South Orange. Summit. Town of Union.	$1 \\ 7 \\ 7 \\ 1 \\ 1 \\ 7 \\ 7 \\ 7 \\ 7 \\ 8 \\ 8 \\ 3 \\ 3 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$	$\begin{array}{c}2\\11\\10\\1\\7\\165\\4\\15\\97\\1\\1\\12\\16\\97\\1\\1\\1\\12\\16\\3\\3\\2\\2\\5\\3\\3\\3\\2\\2\\5\\3\\3\\3\\2\\2\\5\\3\\3\\3\\2\\2\\5\\3\\3\\3\\2\\2\\5\\3\\3\\3\\3$	54 301 180 20 111 64 255 779 210 40 67 230 67 230 67 230 67 42 34 42 34 42 34 42 34 42 34 42 34 43 39 152 39 152 39 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 165 155 165 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155 155	32 280 183 15 152 208 88 88 113 24 175 355 57 232 46 158 49 49 49 49 49 60 23 23 232 232 232 232 232 232	$\begin{array}{c} 86\\ 581\\ 309\\ 243\\ 116\\ 523\\ 107\\ 1,056\\ 403\\ 403\\ 221\\ 46\\ 885\\ 7,716\\ 885\\ 7,716\\ 863\\ 1,979\\ 76\\ 863\\ 1,979\\ 76\\ 76\\ 91\\ 10\\ 120\\ 100\\ 101\\ 257\\ \end{array}$	
Trenton. West Hoboken. West Orange		20 5 9	435 402 185	423 390 169	858 792 345	
NEW MEXICO.						
Santa Fe	1	1	23	26	59	
NEW YORK.						
Albany Amsterdam Auburn . Binghamton . Bufalo . Catskill . Cohoes . Cortland . Fredonia . Geneva . Glens Falls .	$ \begin{array}{c} 23\\ 7\\ 5\\ 13\\ 23\\ 24\\ 4\\ 1\\ 2\\ 4\\ 4\\ 1\\ 2\\ 4\\ 1 \end{array} $		$560 \\ 81 \\ 107 \\ 282 \\ 742 \\ 25 \\ 100 \\ 24 \\ 53 \\ 126$	$528 \\ 90 \\ 115 \\ 318 \\ 835 \\ 25 \\ 150 \\ 14 \\ 62 \\ 114 \\$	$1,088 \\ 171 \\ 222 \\ 600 \\ 1,577 \\ 50 \\ 250 \\ 38 \\ 115 \\ 240 \\$	
Glovers Falls. Gloversville. Haverstraw. Herklimer. Hornellsville. Ilion. Ithaca.	7 1 2 4 2 2	1 2 4 4 2	29 50 87 59 42	34 48 116 49 38	320 63 98 203 109 80	

## TABLE 16.—Public kindergartens in cities of over 4,000 inhabitants in 1904-5-Continued.

.

\* Statistics of 1903-4.

	Number	Instruct-		Pupils.	
State and city.	of schools.	ors.	Boys.	Girls.	Total.
1	2	3	4	5	6
I           NEW YORK=continued.           Johnstown.           Lancaster.           Lansingburg.           Little Falls.           Lockport.           Matteawan.           Medina.           Mount Vernon.           New Rochelle.           New York.           Niagara Falls.           North Tarrytown.           North Tonawanda.           Nyaek.           Olean.           Ossining.           Port Chester.           Port Chester.           Port Chester.           Poughkeepsie           Renselaer.           Rochester.           Roine.           Sandy Hill.           Saratoga Springs.           Scheneetady.           Syracuse.           Tary town.		$\begin{array}{c} 3 \\ 11 \\ 2 \\ 1 \\ 6 \\ 3 \\ 3 \\ 3 \\ 1 \\ 2 \\ 6 \\ 10 \\ 400 \\ 400 \\ 400 \\ 13 \\ 1 \\ 6 \\ 1 \\ 6 \\ 1 \\ 6 \\ 1 \\ 6 \\ 1 \\ 4 \\ 2 \\ 73 \\ 6 \\ 2 \\ 6 \\ 8 \\ 34 \\ 2 \\ 16 \\ \end{array}$	$\begin{array}{c} 4\\ 278\\ 56\\ 34\\ 85\\ 23\\ 50\\ 44\\ 133\\ 243\\ 14,289\\ 243\\ 14,289\\ 243\\ 14,289\\ 25\\ 33\\ 02\\ 133\\ 102\\ 135\\ 33\\ 02\\ 135\\ 135\\ 135\\ 135\\ 135\\ 135\\ 135\\ 102\\ 125\\ 131\\ 102\\ 42\\ 205\\ 9002\\ *21\\ 175\\ \end{array}$	$\begin{array}{c} {\bf 5}\\ {\bf 276}\\ {\bf 40}\\ {\bf 31}\\ {\bf 69}\\ {\bf 50}\\ {\bf 98}\\ {\bf 44}\\ {\bf 57}\\ {\bf 25}\\ {\bf 167}\\ {\bf 25}\\ {\bf 167}\\ {\bf 25}\\ {\bf 166}\\ {\bf 42}\\ {\bf 25}\\ {\bf 120}\\ {\bf 40}\\ {\bf 26}\\ {\bf 114}\\ {\bf 120}\\ {\bf 40}\\ {\bf 26}\\ {\bf 114}\\ {\bf 129}\\ {\bf 129}\\ {\bf 129}\\ {\bf 119}\\ {\bf 129}\\ {\bf 119}\\ {\bf 129}\\ {\bf 119}\\ {\bf 129}\\ {\bf 119}\\ {\bf 119}\\ {\bf 119}\\ {\bf 129}\\ {\bf 119}\\ {\bf 110}\\ {\bf 11$	$\begin{array}{c} 6\\ 554\\ 96\\ 65\\ 168\\ 98\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8\\ 8$
Utica Waterloo. Watertown Watervliet. White Plains. Yonkers NOETH CAROLINA. Greensboro*.	15 2 4 3 4 14	$29 \\ 3 \\ 5 \\ 4 \\ 4 \\ 15 \\ 2$	113 12 90 73 71 409	102 15 70 50 89 389 389	1,166 27 160 123 160 798
OIIIO. Akron Canton Cleveland Dayton Pelaware Fostoria Fremont Mansfield Norwood. Springfield Toledo. Xenia Youngstown	$15 \\ 1 \\ 33 \\ 22 \\ 1 \\ 1 \\ 3 \\ 7 \\ 3 \\ 1 \\ 35 \\ 1 \\ 1 \\ 1$	$15 \\ 1 \\ 63 \\ 23 \\ 1 \\ 3 \\ 6 \\ 14 \\ 3 \\ 32 \\ 1 \\ 4 \\ 4 \\ 4 \\ 3 \\ 32 \\ 1 \\ 4 \\ 4 \\ 4 \\ 3 \\ 32 \\ 1 \\ 4 \\ 4 \\ 4 \\ 4 \\ 3 \\ 32 \\ 1 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 3 \\ 32 \\ 1 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4 \\ 4$	$\begin{array}{r} 436\\ 27\\ 1,142\\ 6.09\\ 28\\ 25\\ 100\\ 75\\ \hline \\ & 34\\ 1,418\\ 34\\ 30\\ \end{array}$	$\begin{array}{r} 464\\ 26\\ 1,267\\ 605\\ 30\\ 35\\ 100\\ 107\\ 34\\ 1,495\\ 22\\ 22\end{array}$	$\begin{array}{c} 900\\ 53\\ 2,409\\ 1,214\\ 58\\ 60\\ 200\\ 182\\ 95\\ 68\\ 2,913\\ 56\\ 52\end{array}$
OKLAHOMA. Oklahoma City *	3	6	130	109	239
PENNSYLVANIA. Altoona. Archbeid. Erie. Greenvule. Huntingdon. Kittaming. Philadelphia. Philadelphia. Pittsburg. Rankin. Scranton. Tarentum. Titusviile. Wilkesbarre.	$18 \\ 4 \\ 2 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 35 \\ 1 \\ 21 \\ 2 \\ 4 \\ 3 \\ 3 \\ 1 \\ 21 \\ 2 \\ 4 \\ 3 \\ 3 \\ 5 \\ 1 \\ 2 \\ 4 \\ 3 \\ 3 \\ 5 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 2 \\ 1 \\ 1$	36 8 4 2 4 1 2 196 71 2 21 2 8 3	$145 \\ 50 \\ 40 \\ 25 \\ 34 \\ 3, 609 \\ 1, 369 \\ 55 \\ 416 \\ 41 \\ 94 \\ 79 \\ 145 \\ 79 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 145 \\ 1$	182634025513,6641,593744554810495	- 1,486 327 113 80 50 *25 85 7,273 2,962 129 871 89 9198 174

TABLE 16.—Public kindergartens in cities of over 4,000 inhabitants in 1904-5-Continued.

\*Statistics of 1903-4.

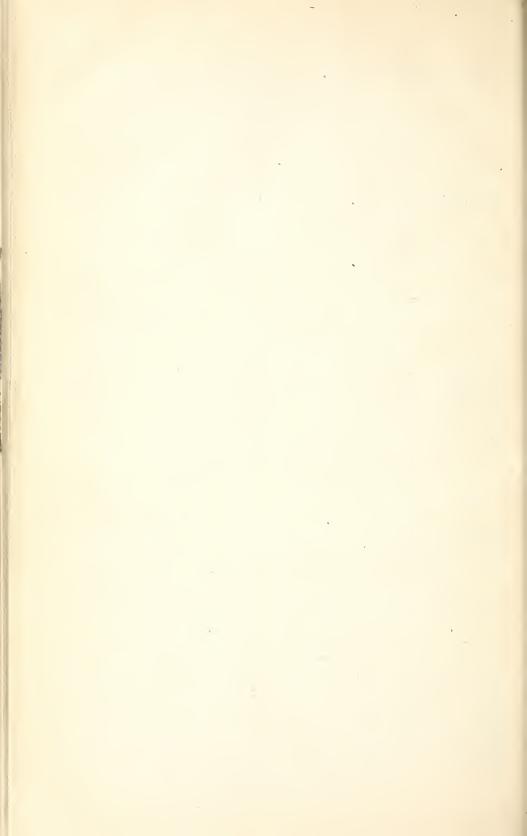
### CITY SCHOOL SYSTEMS.

	Number	Turturat		Pupils.			
State and city.	of schools.	Instruct- ors.	Boys.	Girls.	Total.		
1	2	3	4	5	6		
RHODE ISLAND.							
Cranston Newport	$\frac{4}{5}$	45	163	156	$\begin{array}{c} 164 \\ 319 \end{array}$		
Pawtucket Providence	$     12 \\     26   $	$     \begin{array}{c}       24 \\       52     \end{array} $	412 1,043	$418 \\ 1,000$	830 2,043		
South Kingstown		$\frac{1}{6}$	15 62	18 58	33 120		
SOUTH CAROLINA.							
Anderson Gaffney *	1 1	1 1	27 12	23 15	50 27		
SOUTH DAKOTA.							
Sioux Falls	2	2	19	22	41		
TEXAS. Cleburne	1	1	10	15	25		
El Paso Navasota	3 1	4 1	76 10	80 14	156     24		
UTAH.	4	8	96	100	196		
Ogden Salt Lake City	1	3	40	27	67		
VERMONT. Bennington	1	2			47		
Burlington. Montpelier.	6 1	6 2 8 2	$     \begin{array}{r}       129 \\       25 \\       76     \end{array}   $	$     \frac{148}{26} $	$277 \\ 51$		
Rutland. St. Albans.	4 2	8 2	76 45	73 30	$^{149}_{75}$		
VIRGINIA.	2	0	10	45	85		
Richmond.	3 5	$\begin{array}{c} 6\\ 10\end{array}$	40     153	45 143	296		
WASHINGTON. Seattle	3	4	105	111	216		
Spokane	2	2	52	75	127		
WEST VIRGINIA. Fairmont	1	1	28	32	60		
Parkersburg	1	3	54	71	125		
Appleton. Ashland	7	14	301	336 49	637 78		
Baraboo Beaverdam	4	2 8 2	$     \begin{array}{c}       29 \\       74 \\       21     \end{array} $	80 31	154 52		
Beloit Berlin Do Berri	$\begin{array}{c}1\\5\\2\end{array}$	10	250 44	249 61	499 105		
De Pere? East side West side	1	2	11	10	21		
Fond du Lac		$\begin{array}{c}1\\16\\4\end{array}$	$36 \\ 343 \\ 90$	$     \begin{array}{r}       24 \\       348 \\       110     \end{array} $	60 691 200		
Grand Rapids. Janesville Kaukauna	4	4 8 2	50	40	200 238 90		
Kenosha Madison		- 3 6		96	96 186		
Manitowoe. Marinette	5	6 6			300 326		
Marshfield. Menasha	1	2 5	30 87	35 92			
Menomonie Merrill	3 3 2 51	4	100 69	123 67	223 127		
Milwaukee	51	102 3	$\frac{3.109}{80}$	3,191	6, 3 0 150		
Neenah Oshkosh	2 2 11	* 1	55 582		$150 \\ 1,153$		
Racine	9 7	25 17 22	399	376	801 775		
Sheboygan. Stevens Point. Superior	4 10	5 30	$\frac{120}{466}$	127 4°7	$247 \\ -49$		
Wausau	8	16	306	393	609		

TABLE 16.—Public kindergartens in cities of over 4,000 inhabitants in 1904-5—Continued.

\* Statistics of 1903-4.

.



## CHAPTER XX.

# UNIVERSITIES, COLLEGES, AND TECHNOLOGICAL SCHOOLS.

Centents.—Number of institutions—Professors and instructors—Retirement of college professors— Preceptors at Princeton University—Changes in programme of studies in Columbia University— Students—Degrees—Property—Income—State taxation for higher education—Benefactions—Statistical tables.

The total number of institutions included in the tables of this chapter is 619, of which number 122 admit women only. Of the 453 universities and colleges included in Table 30, men only are admitted to the undergraduate departments of 131 institutions, while 322 are open to both men and women. Of the 44 schools of technology included in Table 37, women are reported in the undergraduate departments of 22 institutions.

The following-named institutions were reported as having been closed: Austin College, Effingham, Ill.; Gaston College, Dallas, N. C.; Martin Female College, Pulaski, Tenn. The following changes have been made: French American College, Spring-field, Mass., changed name to American International College; Dakota University, Mitchell, S. Dak., changed name to Dakota Wesleyan University; Williamston Female College, Williamston, S. C., changed name and location to Lander College, Greenwood, S. C.; Washington Agricultural College and School of Science, Pullman, Wash., changed name to State College of Washington.

#### PROFESSORS AND INSTRUCTORS.

The total number of professors and instructors in all departments of these institutions was reported as 18,221 men and 4,392 women. The number in undergraduate departments was 11,038 men and 3,213 women, including 386 men and 1,530 women in Division B of colleges for women who were not classified as to departments. The average number of teachers in undergraduate departments is 23.

#### RETIREMENT OF COLLEGE PROFESSORS.

The Carnegie Foundation for the Advancement of Teaching was incorporated by an act of Congress approved March 10, 1966. One of the objects of the corporation is to provide retiring allowances for professors of universities, colleges, and technical schools in the United States, Canada, and Newfoundland, and to it has been committed the administration of the fund of \$10,000,000 given for that purpose by Mr. Andrew Carnegie in April, 1905.

On account of the varying standards of the institutions for higher education in this country, the corporation has found it necessary, in the administration of the fund for the retirement of professors of colleges, to define the term college. The requirements adopted by the corporation are the same practically as those in force in the States of New York and Pennsylvania for the chartering of colleges, and are as follows:

An institution to be ranked as a college must have at least six professors giving their entire time to college and university work, a course of four full years in liberal arts and sciences, and should require for admission not less than the usual four years of academic or high school preparation, or its equivalent, in addition to the preacademic or grammar school studies. It must also have a productive endowment fund of not less than \$200,000. The act of incorporation provides that "retiring pensions shall be paid to such teachers only as are or have been connected with institutions not under control of a sect or which do not require their trustees, their officers, faculties, or students (or a majority thereof) to belong to any specified sect, and which do not impose any theological test as a condition of entrance therein or of connection therewith." In the matter of sectarian control the corporation has made the following regulations for the admission of institutions to the benefits of the fund:

1. Universities, colleges, and technical schools of requisite academic grade, not owned or controlled by a religious organization, and whose acts of incorporation or charters specifically provide that no denominational or sectarian test shall be applied in the choice of trustees, officers, or teachers, nor in the admission of students.

2. In the cases of institutions not owned or controlled by a religious organization, and in which no specific statement concerning denominational tests is made in the charters or acts of incorporation, the trustees of such institutions shall be asked to certify by a resolution to the trustees of the Carnegie Foundation for the Advancement of Teaching, that notwithstanding the lack of specific prohibition in the charter, "no denominational test is imposed in the choice of trustees, officers, or teachers, or in the admission of students, nor are distinctly denominational tents or doctrines taught to the students."

The question as to whether State institutions shall share in the fund has not been decided, and its consideration has been postponed until the meeting of the trustees in November, 1906.

The following rules governing the retirement of professors with an allowance have been made by the corporation.

1. Age.—To be eligible for retirement on the ground of age a teacher must have reached the age of 65 and must have been for fifteen years professor in a higher institution of learning. Whether a professor's connection as a teacher with his institution shall cease at an earlier or later age than 65 is a matter solely within the jurisdiction of the professor himself and the authorities of the institution in which he serves.

2. Long service.—To be eligible for refirement on the ground of length of service a teacher must have had twenty-five years' service as a professor in a higher institution of learning. It is not necessary that the whole of the service shall have been given in accepted colleges, universities, or technical schools.

In no case shall any allowance be paid to a teacher who continues to give the whole or part of his time to the work of teaching as a member of the instructing staff of a college or technical school.

#### Rules for the granting of normal retiring allowances.

1. A normal retiring allowance is considered to be one awarded to a professor in an accepted university, college, or technical school on the ground of either age or length of service. The term professor, as here used, is understood to include presidents, deans, professors, associate professors, and assistant professors in institutions of higher learning.

2. Retiring allowances shall be granted under the following rules, upon the application of the institution with which the professor is connected, and in the application it should be clearly set forth whether the retiring allowance is recommended on the ground of age or service.

3. In reckoning the amount of the retiring allowance the average salary for the last five years of active service shall be considered the active pay.

4. Any person 65 years of age, and who has had not less than fifteen years of service as a professor, and who is at the time a professor in an accepted institution, shall be entitled to an annual retiring allowance computed as follows:

(a) For an active pay of \$1,600 or less, an allowance of \$1,000, provided no retiring allowance shall exceed 90 per cent of the active pay.

(b) For an active pay greater than 1,600 the retiring allowance shall equal 1,000, increased by 500 for each 100 of active pay in excess of 1,600.

(c) No retiring allowance shall exceed \$3,000.

5. Any person who has had a service of twenty-five years as a professor, and who is at the time a professor in an accepted institution, shall be entitled to a retiring allowance computed as follows: (a) For an active pay of \$1,600 or less, a retiring allowance of \$800, provided that no retiring allowance shall exceed 80 per cent of the active pay.

(b) For an active pay greater than \$1,600 the retiring allowance shall equal \$800, increased by \$40 for each \$100 of active pay in excess of \$1,600.

(c) For each additional year of service above twenty-five, the retiring allowance shall be increased by 1 per cent of the active pay.

(d) No retiring allowance shall exceed \$3,000.

6. Any person who has been for ten years the wife of a professor in actual service may receive during her widowhood one-half of the allowance to which her husband would have been entitled.

7. In the preceding rules, years of leave of absence are to be counted as years of service, but not exceeding one year in seven. Librarians, registrars, recorders, and administrative officers of long tenure, whose salaries may be classed with those of professors and assistant professors, are considered eligible to the benefits of a retiring allowance.

8. Teachers in the professional departments of universities whose principal work is outside the profession of teaching are not included.

9. The benefits of the foundation shall not be available to those whose active service ceased before April 16, 1905, the date of Mr. Carnegie's original letter to the trustees. 10. The Carnegie Foundation for the Advancement of Teaching retains the power

10. The Carnegie Foundation for the Advancement of Teaching retains the power to alter these rules in such manner as experience may indicate as desirable for the benefit of the whole body of teachers.

The corporation recognizes the fact that there may be occasionally exceptional cases of teachers in institutions below the grade prescribed for accepted institutions who should by reason of great merit or distinguished service be entitled to consideration. All such cases will be dealt with by the corporation through the individual and not through the institution with which the teacher may be connected.

The president of the Carnegie Foundation for the Advancement of Teaching is Henry S. Pritchett, LL. D., New York, N. Y.

#### PRECEPTORS AT PRINCETON UNIVERSITY.

In 1905 Princeton University made a notable addition to its faculty in the appointment of 47 preceptors with the rank of assistant professor. This large addition was rendered necessary by a change in the methods of instruction introduced into the university, by which it is intended to take the instruction as much as possible out of the formal class rooms and get it into the lives of the undergraduates. The preceptors, with very few exceptions, do not give instruction in class rooms as such, but devote themselves exclusively to private conferences with the students under their charge, guiding and directing their reading and encouraging them in every way possible in their work. President Wilson in his report for 1905 says that since the change was made the amount of work done by the students has increased amazingly, but what pleases them more is the character of the work done and the willingness and zest with which it is undertaken.

The new appointments have not been made in the laboratory departments, where the students have been brought into close personal contact with the teachers, but in what may be called the reading courses. The departments in which the appointments have been made, with the number in each, are as follows: Philosophy, 5; history, politics, and economics, 8; art and archaeology, 1; classics, 11; English, 8; modern languages, 8; mathematics, 5; geology, 1.

The degrees held by the preceptors are as follows: Ph. D., 34; Sc. D., 1; A. M., 6; A. B., 4; B. S., 1; B. Litt., 1. The universities conferring the Ph. D. degree on the preceptors and the number from each are as follows: Harvard, 7; Johns Hopkins, 5; Chicago, 4; Columbia, 3; Yale, 3; Bonn, 2; Cornell, 2; Halle, 2; Princeton, 2; Heidelberg (Germany), 1; Leipzig, 1; Michigan, 1: Pennsylvania, 1. The 47 preceptors represent in their first degrees 29 different institutions, Princeton leading with 9.

#### CHANGES IN PROGRAMME OF STUDIES IN COLUMBIA UNIVERSITY.

On July 1, 1905, the new programme of studies in Columbia College went into effect. It removes the emphasis from the number of years spent in college and places it upon the character of the work done. Hereafter students will be admitted to the college in February at the beginning of the second half year as well as in September. They will be graduated whenever they have accomplished 124 points of work (a point representing class-room work of one hour a week for a half year, two hours of laboratory work being given the weight of one hour of class-room or lecture work). Provision is made by which excellence in scholarship is to receive additional credit, while poor work results in the withholding of credit for such work in more than one of the courses. By means of the system adopted the length of time to be consumed in the course depends largely on the student, a conscientious and faithful student being able to complete the course in three years.

When a student has completed 72 points in the college, including all prescribed courses, he may substitute for the wide elective opportunity then offered him the curriculum of one of the professional schools of the university (excepting the law school). On the completion of two years of the professional curriculum the bachelor's degree will be conferred. To choose the curriculum of the law school the student must have completed in Columbia College 94 points of work, and the bachelor's degree will be conferred after one year's attendance on the law school course.

The B. S. degree will hereafter be conferred by Columbia University on students who do not include ancient languages in their course of study, while the A. B. degree will be reserved for students who take at least one ancient language and its literature.

#### STUDENTS.

The total number of undergraduate and resident graduate students in universities and colleges for men and for both sexes, colleges for women (Division A), and in schools of technology is reported as 126,404, an increase of 8,375 over the number for the preceding year. The number of students for each year from 1889–90 to 1904–5 is as follows:

Year.	Universities and colleges for men and for both sexes.		Colleges for women (Division A).		of tech- ogy.	Total number.		
	Men.	Women.	Women.	Men.	Women.	Men.	Women.	
$\begin{array}{c} 1889 - 90 \\ 1890 - 91 \\ 1890 - 91 \\ 1891 - 92 \\ 1892 - 93 \\ 1893 - 94 \\ 1893 - 94 \\ 1893 - 94 \\ 1894 - 95 \\ 1895 - 96 \\ 1895 - 96 \\ 1896 - 97 \\ 1897 - 98 \\ 1897 - 98 \\ 1897 - 98 \\ 1898 - 99 \\ 1898 - 99 \\ 1898 - 1900 \\ 1900 - 1001 \\ 1901 - 2 \\ 1902 - 3 \\ 1903 - 4 \\ 1904 - 5 \\ \end{array}$	$\begin{array}{c} 45,032\\ 46,689\\ 50,297\\ 52,586\\ 56,556\\ 55,755\\ 58,407\\ 58,467\\ 61,812\\ 65,069\\ 66,325\\ 69,178\end{array}$	$\begin{array}{c} 8,075\\ 9,439\\ 10,590\\ 11,489\\ 13,144\\ 14,298\\ 16,746\\ 16,536\\ 17,765\\ 18,948\\ 20,452\\ 21,468\\ 22,507\\ 24,863\\ 24,413\\ 26,739\\ \end{array}$	$\begin{array}{c} 1,979\\ 2,265\\ 2,636\\ 3,198\\ 3,578\\ 3,667\\ 3,910\\ 3,913\\ 4,416\\ 4,593\\ 4,5720\\ 5,549\\ 5,749\\ 5,749\\ 6,341\\ 6,305 \end{array}$	$\begin{array}{c} 6,870\\ 6,131\\ 6,131\\ 8,616\\ 9,517\\ 9,467\\ 8,587\\ 8,611\\ 9,038\\ 10,347\\ 10,403\\ 11,808\\ 13,216\\ 14,189\\ 14,911 \end{array}$	$\begin{array}{c} 707\\ 481\\ 481\\ 843\\ 1,376\\ 1,006\\ 1,065\\ 1,094\\ 1,289\\ 1,339\\ 1,440\\ 1,151\\ 1,202\\ 1,124\\ 1,2209\\ 1,199\\ \end{array}$	$\begin{array}{c} 44, 926\\ 46, 220\\ 51, 163\\ 55, 805\\ 59, 814\\ 62, 053\\ 65, 143\\ 64, 662\\ 67, 018\\ 67, 505\\ 72, 159\\ 72, 159\\ 75, 472\\ 78, 133\\ 82, 394\\ 86, 006\\ 92, 161\\ \end{array}$	$\begin{array}{c} 10,761\\ 12,185\\ 13,507\\ 15,530\\ 18,098\\ 19,071\\ 21,721\\ 23,470\\ 24,880\\ 26,764\\ 27,879\\ 29,258\\ 31,736\\ 32,023\\ 34,243\end{array}$	

Number of undergraduate and resident graduate students in universities, colleges, and schools of technology from 1889–90 to 1904–5.

In addition to the number of students for 1905 mentioned above there were enrolled 11,213 in college departments and 106 in graduate departments of colleges for women (Division B).

Of the institutions included in this chapter, 302 have less than 100 students each in undergraduate departments, and 24 have more than 1,000 each in those departments.

The number of undergraduate students in the various courses of study, so far as r. ported, is as follows:

Liberal arts (including all colleges for women)	82, 629
Commerce	1,810
Agriculture (including some special-course students)	3, 197
Mechanical engineering	6,654
Civil engineering	7,356
Electrical engineering	5,204
Chemical engineering	759
Mining engineering	2, 547
Textile engineering	138
Sanitary engineering	34
General engineering (including unclassified first-year engineering students)	1,893
Architecture	569
Household economy	849

The students classed under "general engineering courses" include a large number of first-year students in engineering in institutions where the work of the first year is the same for all of the various engineering courses, and where differentiation by courses does not take place until the beginning of the second year.

Resident graduate students to the number of 6,935 were reported by 229 different institutions. Thirteen of the larger universities reported more than 100 graduate students each, and the total number of such students at the 13 institutions was 4,152. Of the total number of graduate students 2,004 are women.

#### DEGREES.

The total number of degrees and the number of each kind conferred on men and on women was as follows:

Degree.	On men.	On women.	Degree.	On men.	On women.
A. B.         B. S.         Ph. B.         B. L.         B. C. E.         B. M. E.         B. E. M.         B. E.         Mot. E.         A. C.         B. Arch.         B. Agr.         B. S. A.         B. B. Ped.         B. S. D.         B. Di.         L. I.         B. F. A.	5,650 3,576 7000 103 51 1 2 51 10 18 15 71 2 9 9 17 2 2 31 2 2 31 2 2 31 2 2 31 2 2 31 2 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31 31	3,785 554 361 562  2 18 238 35 3 10 33 19	B. Acc's. B. Paint. A. M. M. S. M. L. Ph. M. C. E. M. E. E. E. E. M. M. E. M. C. E. M. M. E. M. C. S. M. Acc's. M. Arch. M. Ped. Sc. D. Ph. D. Ped. D. Mus. D.	$\begin{array}{c} 57\\2\\1,207\\115\\11\\10\\327\\404\\129\\185\\9\\3\\7\\96\\24\\4\\1\\15\\5\\336\\6\\6\\1\\1\end{array}$	12 43 341 29 5 6 1 1 
B. C. S	17	1	Total	13,371	6,091

#### Degrees conferred in 1904-5.

The total number of Ph. D. degrees conferred on examination was 361, of which number 25 were conferred on women. Ten men received the degree from Illinois Wesleyan University for work done *in absentia*, and 11 institutions conferred it as an

ED 1905-VOL 1-38

honorary degree on 12 different persons. The number of Ph. D. degrees conferred by each of the several institutions was as follows:

Institutions conferring Ph. D. degree in 1905.

	On exam	nination.	
Institution.	On men.	On wo- men.	Honor ary.
Spring Hill College (Alabama)	0	0	
University of California	4	Ŏ	
Santa Clara College (California)	0	0	
Leland Stanford Junior University	1	0	
University of Denver	3	1	
Yale University	31	5	
Catholic University of America	1	0	
Georgetown University	2	0	
George Washington University	4	0	
Morris Brown College	0	0	
Illinois Wesleyan University	10	0	
University of Chicago	39	5	
Ewing College.	3	0	
University of Illinois.	1	0	
Westfield College	5		
Wheaton College.	0	0	
Faylor University University of Iowa	$\frac{1}{2}$	0	
Kansas City University	23	0	
Johns Hopkins University	35	0	
New Windsor College.	1	0	
Boston University.	13	1	
Harvard University.	39	0	
Radeliffe College.		1	1
Fufts College.	1	0	
Clark University.	18	ŏ	
Adrian College	0	ŏ	
University of Michigan	Ğ	1 1	
University of Minnesota	3	0	
University of Missouri	2	Ő	
St. Louis University	0	0	1
University of Nebraska	2	1	
Princeton University	4	0	
Cornell University	20	1	
Columbia University	34	4	
New York University	6	0	
University of North Carolina	1	0	
University of Cincinnati	1	0	
Scio College (Ohio)	1	0	
Ohio State University	0	1	
Bryn Mawr College.	0	2	
Temple College.	1	0	
University of Pennsylvania	24	2	
Villanova College	1	0	
Washington and Jefferson College	0	0	
Brown University University of South Dakota	$2 \\ 0$	0	
	0	0	
Paul Quinn College University of Virginia	1	0	
Washington and Lee University	1	0	
University of Wisconsin.	9	0	
University of Wiscousill	9	0	
Total	336	25	
1.00001	000	20	1

#### PROPERTY.

The total value of property possessed by the institutions for higher education amounts to \$514,840,412, a gain of almost \$50,000,000 over the amount for the preceding year. The endowment funds have increased to \$234,791,239, and the remainder represents the value of the material equipment used for instruction purposes. There are 41 institutions that have endowment funds of over \$1,000,000 each, of which number 24 are in the North Atlantic Division, 10 in the North Central Division, 3 in the South Central Division, and 2 each in the South Atlantic and Western divisions.

The endowment funds are increasing at a very gratifying rate, having grown from \$166,193,529 in 1900 to \$234,791,239 in 1905, a gain of 41.3 per cent in the last five years.

#### INCOME.

The total income from all sources, excluding benefactions, amounted to \$41,775,101, an increase of \$1,445,908 over that for the preceding year. Of the entire amount, 36.9 per cent was derived from tuition and other fees from students, 23.6 per cent from endowment funds, 23.6 per cent from State appropriations, 6.9 per cent from Federal appropriations, and 9 per cent from miscellaneous sources. Two institutions, Harvard and Columbia, report incomes exceeding \$1,000,000 each, 8 others report over \$750,000 each, 3 others over \$500,000, and 12 others over \$300,000. Included in the 25 institutions having the largest income are 12 State institutions, 5 of which report incomes exceeding \$500,000 each.

#### STATE TAXATION FOR HIGHER EDUCATION.

In a large majority of the States the aid granted by the State to institutions of learning is by special appropriations by the State legislature. In a number of the States, however, provision for educational institutions has been made by means of a regular tax levy on each dollar of the assessed valuation of the taxable property. The rate of taxation for each institution in such States is as follows:

Arizona.—Three-fifths mill tax for the University of Arizona.

California.—One-fifth mill tax for the University of California.

*Colorado.*—Two-fifths mill tax for the University of Colorado; one-fifth mill tax for the State School of Mines; one-fifth mill tax for the State Agricultural College.

Indiana.—One-tenth mill tax for Indiana University; one-tenth mill tax for Purdue University.

*Kentucky.*—One-twentieth mill tax on the property of the white people for the Agricultural and Mechanical College of Kentucky.

Michigan.—One-fourth mill tax for the University of Michigan; one-tenth mill tax, but not to exceed \$100,000 in any one year, for the State Agricultural College.

Minnesota.—Twenty-three one-hundredths mill tax for the University of Minnesota. Nebraska.—One mill tax for the University of Nebraska.

North Dakota.—Two-fifths mill tax for the University of North Dakota; one-fifth mill tax for the North Dakota Agricultural College; three one-hundredths mill tax for the School of Forestry.

*Ohio.*—Fifteen one-hundredths mill tax for Ohio State University; seven twohundredths mill tax for Ohio University; one-fortieth mill tax for Miami University; one one-hundredth mill tax for Wilberforce University.

Wisconsin.—Two-sevenths mill tax for the University of Wisconsin.

Wyoming.—Three-eighths mill tax for the University of Wyoming.

In 1903 and again in 1905 the State of California, in addition to the regular tax levy, appropriated \$100,000 for maintenance and support of the State University for each of two years. In 1904 Kentucky passed an act granting to the Agricultural and Mechanical College \$15,000 annually, in addition to the amount derived from the tax levy.

Alabama grants to the Alabama Polytechnic Institute one-third of the net proceeds arising from the sale of fertilizer tags, and South Carolina grants to the Clemson Agricultural College the entire proceeds of the fertilizer tax.

#### BENEFACTIONS.

The total amount of benefactions reported by 330 of the institutions included in this chapter is \$16,678,952, of which sum \$11,869,083, or 71 per cent of the total, was reported by 33 institutions receiving each \$100,000 or over. The average amount received by the other 297 institutions reporting benefactions was \$16,195. The institutions reporting gifts of \$100,000 or over with the amount received by each are as follows:

University of California	\$303, 377
Yale University	1, 397, 200
Catholic University of America	267, 233
University of Chicago	579, 873
Northwestern University (Illinois)	243,019
McKendree College	100,000
Cornell College	114,274
Berea College.	141,286
Massachusetts Institute of Technology	115, 303
Harvard University	2, 330, 428
Radcliffe College	117,500
Mount Holyoke College	276,000
Creighton University	144,000
Dartmouth College.	110,000
Princeton University	214,606
Cornell University	245, 371
Columbia University	1, 180, 406
Vassar College	160, 120
Syracuse University	122, 623
Rensselaer Polytechnic Institute	348, 372
Ohio State University	102,025
Denison University	125,000
Oberlin College	277, 300
Dickinson College	130,000
University of Pennsylvania	833, 897
Swarthmore College	100,000
Washington and Jefferson College	169, 110
Brown University.	458, 760
Maryville College	112,000
Norwich University	100,000
University of Virginia.	725,000
Lawrence University	120,000
Beloit College	· ·
Total	11 960 099
10ta1	11, 809, 083

	Caller	riata d	anant	Graduate departments.							number	
State or Territory.	Collegiate depart- ments.			Resident.			No	nresid	ent.		graduat duate ts.	
	Men.	Wo- men.	Total.	Men.	Wo- men.	Total.	Men.	Wo- men.	Total.	Men.	Wo- men.	To- tal.
United States	34,932	9,991	44,923	1,153	612	1,765	119	17	136	36,204	10,620	46, 824
N. Atlantic Division S. Atlantic Division S. Central Division N. Central Division Western Division	$     \begin{array}{r}       6,241 \\       3,588 \\       15,689     \end{array} $	$129 \\ 400 \\ 780 \\ 6,354 \\ 2,328$	5,280 6,641 4,368 22,043 6,591	$     \begin{array}{r}       16 \\       102 \\       73 \\       753 \\       209     \end{array} $	$     \begin{array}{r}       1 \\       6 \\       22 \\       410 \\       173     \end{array} $	$17\\108\\95\\1,163\\382$	$5 \\ 12 \\ 25 \\ 70 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ 7 \\ $	$\begin{array}{c}1\\0\\2\\12\\2\end{array}$	$     \begin{array}{r}       6 \\       12 \\       27 \\       82 \\       9     \end{array} $	5,172 6,355 3,686 16,512 4,479	$131 \\ 406 \\ 804 \\ 6,776 \\ 2,503$	5,303 6,761 4,490 23,288 6,982
N. Atlantic Division: Maine. New Hampshire. Vermont. Rhode Island. Connecticut. New York. New Jersey. Pennsylvania. S. Atlantic Division:	$\begin{array}{r} 397\\ 152\\ 265\\ 179\\ 45\\ 101\\ 1,203\\ 0\\ 2,809 \end{array}$	$     \begin{array}{r}       20 \\       7 \\       55 \\       5 \\       13 \\       22 \\       0 \\       0 \\       7 \\       7     \end{array} $	$\begin{array}{r} 417\\159\\320\\184\\58\\123\\1,203\\0\\2,816\end{array}$	7 0 1 7 0 0 0 0 0	0 0 0 1 0 0 0 0 0 0	7 0 1 8 0 0 0 0 0 1	5 0 0 0 0 0 0 0 0	$ \begin{array}{c} 1\\0\\0\\0\\0\\0\\0\\0\\0\\0\\0\end{array} \end{array} $	6 0 0 0 0 0 0 0 0 0	$\begin{array}{r} 409\\ 152\\ 266\\ 186\\ 45\\ 101\\ 1,203\\ 0\\ 2,810 \end{array}$	$21 \\ 7 \\ 55 \\ 6 \\ 13 \\ 22 \\ 0 \\ 0 \\ 7$	$\begin{array}{r} 430\\ 159\\ 321\\ 192\\ 58\\ 123\\ 1,203\\ 0\\ 2,817\end{array}$
Delaware Maryland Dist. of Columbia. Virginia West Virginia North Carolina South Carolina Georgia Florida	$150 \\ 995 \\ 90 \\ 1,543 \\ 418 \\ 1,005 \\ 991 \\ 903 \\ 146$	$ \begin{array}{c} 23 \\ 0 \\ 46 \\ 0 \\ 251 \\ 4 \\ 16 \\ 1 \\ 59 \end{array} $	$173 \\ 995 \\ 136 \\ 1,543 \\ 669 \\ 1,009 \\ 1,007 \\ 904 \\ 205$	$     \begin{array}{c}       1 \\       5 \\       2 \\       53 \\       2 \\       28 \\       9 \\       2 \\       0 \end{array} $	· 0 0 3 0 0 2 1 0 0	$ \begin{array}{c} 1 \\ 5 \\ 53 \\ 2 \\ 30 \\ 10 \\ 2 \\ 0 \end{array} $	0 0 2 0 10 0 0 0	0 0 0 0 0 0 0 0 0 0	0 0 2 0 10 0 0 0	$151 \\ 1,000 \\ 92 \\ 1,598 \\ 420 \\ 1,043 \\ 1,000 \\ 905 \\ 146$	$ \begin{array}{c} 23\\0\\49\\0\\251\\6\\17\\1\\59\end{array} $	$174 \\ 1,000 \\ 141 \\ 1,598 \\ 671 \\ 1,049 \\ 1,017 \\ 906 \\ 205$
<ol> <li>Central Division: Kentucky. Tennessee Alabama Mississippi Louisiana Texas Arkansas Oklahoma Indian Territory.</li> </ol>	322 883 331 225	$\begin{array}{c} 45\\ 130\\ 66\\ 75\\ 0\\ 297\\ 69\\ 98\\ 0\end{array}$	$369 \\ 398 \\ 647 \\ 729 \\ 322 \\ 1,180 \\ 400 \\ 323 \\ 0$	$     \begin{array}{c}       15 \\       4 \\       18 \\       15 \\       3 \\       12 \\       3 \\       3 \\       0 \end{array} $	5 4 1 0 1 10 1 0 0	$20 \\ 8 \\ 19 \\ 15 \\ 4 \\ 22 \\ 4 \\ 3 \\ 0$	$\begin{array}{c} 0 \\ 0 \\ 0 \\ 22 \\ 0 \\ 0 \\ 3 \\ 0 \\ 0 \end{array}$	0 0 2 0 0 0 0 0 0	$\begin{array}{c} 0\\ 0\\ 24\\ 0\\ 0\\ 3\\ 0\\ 0\\ 0\end{array}$	339 272 599 691 325 895 337 228 0	$50\\134\\67\\77\\1\\307\\70\\98\\0$	$\begin{array}{c} 389\\ 406\\ 666\\ 768\\ 326\\ 1,202\\ 407\\ 326\\ 0\end{array}$
N. Central Division: Ohio Indiana Michigan. Wisconsin. Minesota Iowa. Missouri North Dakota. South Dakota. South Dakota. Kansas.	$\begin{array}{c} 2,128\\ 1,581\\ 2,402\\ 1,964\\ 1,031\\ 1,222\\ 1,059\\ 142\\ 237\\ 773\\ \end{array}$	$\begin{array}{c} 673\\ 569\\ 535\\ 796\\ 715\\ 788\\ 412\\ 415\\ 54\\ 117\\ 672\\ 608\\ \end{array}$	$\begin{array}{c} 2,690\\ 2,697\\ 2,116\\ 3,198\\ 2,679\\ 1,819\\ 1,634\\ 1,474\\ 196\\ 354\\ 1,445\\ 1,741\end{array}$	$\begin{array}{c c} 58\\ 78\\ 59\\ 74\\ 119\\ 65\\ 107\\ 62\\ 10\\ 10\\ 62\\ 49\\ \end{array}$	$53 \\ 29 \\ 18 \\ 30 \\ 29 \\ 42 \\ 68 \\ 18 \\ 1 \\ 6 \\ 63 \\ 53 \\ 53 \\$	$\begin{array}{c} 111\\ 107\\ 77\\ 104\\ 148\\ 107\\ 175\\ 80\\ 11\\ 16\\ 125\\ 102\\ \end{array}$	$\begin{array}{c} 0 \\ 7 \\ 44 \\ 6 \\ 0 \\ 10 \\ 0 \\ 0 \\ 0 \\ 1 \\ 0 \\ 2 \end{array}$		$egin{array}{c} 0 \\ 7 \\ 49 \\ 6 \\ 0 \\ 16 \\ 0 \\ 0 \\ 0 \\ 2 \\ 0 \\ 2 \\ 0 \\ 2 \end{array}$	$\begin{array}{c} 2,075\\ 2,213\\ 1,684\\ 2,482\\ 2,083\\ 1,106\\ 1,329\\ 1,121\\ 152\\ 248\\ 835\\ 1,184 \end{array}$	$726 \\ 598 \\ 558 \\ 826 \\ 744 \\ 836 \\ 480 \\ 433 \\ 55 \\ 124 \\ 735 \\ 661 \\$	$\begin{array}{c} 2, \pm 01 \\ 2, \pm 11 \\ 2, 242 \\ 3, 308 \\ 2, 827 \\ 1, 942 \\ 1, 554 \\ 207 \\ 372 \\ 1, 570 \\ 1, 845 \end{array}$
Western Division: Montana Wyoming Colorado New Mexico Arizona. Utah Nevada Idaho Washington Oregon California.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$101 \\ 22 \\ 297 \\ 19 \\ 12 \\ 178 \\ 75 \\ 52 \\ 351 \\ 204 \\ 1,017$	$\begin{array}{r} 322\\ 62\\ 1,033\\ 105\\ 33\\ 514\\ 178\\ 173\\ 943\\ 761\\ 2,467\end{array}$	$9 \\ 1 \\ 19 \\ 7 \\ 4 \\ 2 \\ 1 \\ 0 \\ 20 \\ 6 \\ 140$	$ \begin{array}{c} 1\\ 1\\ 15\\ 2\\ 2\\ 0\\ 2\\ 1\\ 38\\ 9\\ 102 \end{array} $	$ \begin{array}{c} 10\\2\\34\\9\\6\\2\\3\\1\\58\\15\\242\end{array} $	2 1 2 0 0 0 0 0 0 0 1 1 1	$ \begin{array}{c} 0 \\ 0 \\ 1 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 1 \\ 0 \end{array} $	$     \begin{array}{c}       2 \\       1 \\       3 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       2 \\       1 \\       \end{array} $	$\begin{array}{c} 232\\ 42\\ 757\\ 93\\ 25\\ 338\\ 104\\ 121\\ 612\\ 564\\ 1,591\end{array}$	$\begin{array}{c} 102\\ 23\\ 313\\ 21\\ 14\\ 178\\ 77\\ 53\\ 389\\ 214\\ 1,119\\ \end{array}$	$\begin{array}{r} 334\\ 65\\ 1,070\\ 114\\ 39\\ 516\\ 181\\ 174\\ 1,001\\ 778\\ 2,710\end{array}$

# TABLE 1.—Number of undergraduate and graduate students in public universities, colleges, and schools of technology.

	Call	minto d	anant		Graduate departments.						numbe		
State or Territory.	Cone	giate d ments.		F	lesider	ıt.	No	onresid	ent.	- dergraduate and graduate stu- dents.			
_	Men.	Wo- men.	To- tal.	Men.	Wo- men.	To- tal.	Men.	Wo- men.	To- tal.	Men.	Wo- men.	To- tal.	
United States	52, 298	33, 567	85, 865	3, 778	1,392	5,170	572	113	685	56,648	35,072	91,720	
N. Atlantic Division . S. Atlantic Division . S. Central Division N. Central Division Western Division	$\begin{array}{r} 4,760 \\ 4,365 \\ 15,019 \end{array}$	9,437 6,873 5,602 10,058 1,597	34,822 11,633 9,967 25,077 4,366	2,143 355 123 1,005 152	$     \begin{array}{r}       659 \\       44 \\       109 \\       498 \\       82 \\     \end{array} $	2,802 399 232 1,503 234	$318 \\ 23 \\ 39 \\ 158 \\ 34$	$72 \\ 0 \\ 5 \\ 34 \\ 2$	$390 \\ 23 \\ 44 \\ 192 \\ 36$	$27,846 \\ 5,138 \\ 4,527 \\ 16,182 \\ 2,955$	10, 168 6, 917 5, 716 10, 590 1, 681	38,01412,05510,24326,7724,636	
N. Atlantic Division: Maine New Hampshire Vermont Rhode Island Connecticut. New York New Jersey Pennsylvania. S. Atlantic Division:	$\begin{array}{c} 879 \\ 201 \\ 6,097 \\ 681 \\ 2,560 \\ 7,032 \\ 2,014 \end{array}$	$288 \\ 0 \\ 53 \\ 4, 127 \\ 203 \\ 26 \\ 3, 146 \\ 0 \\ 1, 594$	899 879 254 10, 224 884 2, 586 10, 178 2, 014 6, 904	$\begin{array}{c} 0 \\ 21 \\ 0 \\ 497 \\ 47 \\ 271 \\ 961 \\ 93 \\ 253 \end{array}$	$7\\0\\94\\28\\37\\383\\0\\110$	$7 \\ 21 \\ 0 \\ 591 \\ 75 \\ 308 \\ 1,344 \\ 93 \\ 363$	$\begin{array}{c} 0 \\ 15 \\ 0 \\ 104 \\ 13 \\ 62 \\ 21 \\ 0 \\ 103 \end{array}$	$\begin{array}{c} 0 \\ 0 \\ 23 \\ 16 \\ 0 \\ 3 \\ 0 \\ 30 \end{array}$	$\begin{array}{c} 0\\ 15\\ 0\\ 127\\ 29\\ 62\\ 24\\ 0\\ 133\end{array}$	611 915 201 6,698 741 2,893 8,014 2,107 5,666	$295 \\ 0 \\ 53 \\ 4,244 \\ 247 \\ 63 \\ 3,532 \\ 0 \\ 1,734$	900 913 254 10, 942 983 2, 950 11, 540 2, 107 7, 400	
Delaware Maryland Dist. of Columbia. Virginia. West Virginia. North Carolina. South Carolina. Georgia. Florida.	$\begin{array}{c} 455\\ 904\\ 155\\ 1,123\\ 619\\ 711\end{array}$	$\begin{smallmatrix} & & & & \\ & & 711 \\ & & 284 \\ & & 1,294 \\ & & 65 \\ & 1,123 \\ & 1,252 \\ & 2,104 \\ & & 40 \end{smallmatrix}$	$\begin{matrix} 0 \\ 1,438 \\ 739 \\ 2,198 \\ 220 \\ 2,246 \\ 1,871 \\ 2,815 \\ 106 \end{matrix}$	$ \begin{smallmatrix} 0 \\ 197 \\ 130 \\ 16 \\ 0 \\ 2 \\ 4 \\ 6 \\ 0 \end{smallmatrix} $	$\begin{array}{c} 0\\ 2\\ 10\\ 10\\ 0\\ 4\\ 7\\ 10\\ 1\end{array}$	$\begin{array}{c} 0 \\ 199 \\ 140 \\ 26 \\ 0 \\ 6 \\ 11 \\ 16 \\ 1 \end{array}$	$ \begin{array}{c} 0 \\ . & 2 \\ 1 \\ 0 \\ . & 3 \\ 16 \\ 1 \\ 0 \end{array} $	0 0 0 0 0 0 0 0 0	$     \begin{array}{c}       0 \\       2 \\       1 \\       0 \\       0 \\       3 \\       16 \\       1 \\       0 \\       0     \end{array} $	$ \begin{smallmatrix} 0\\926\\586\\920\\155\\1,128\\639\\718\\66 \end{smallmatrix} $	$\begin{matrix} 0 \\ 713 \\ 294 \\ 1,304 \\ 65 \\ 1,127 \\ 1,259 \\ 2,114 \\ 41 \end{matrix}$	(1.639) 880 2,224 220 2,255 1,898 2,832 107	
S. Central Division: Kentucky. Tennessee Mississippi Louisiana Texas Arkansas Oklahoma Indian Territory.	$1,168 \\ 435 \\ 367 \\ 475 \\ 964$	$1,216 \\ 1,204 \\ 813 \\ 925 \\ 375 \\ 810 \\ 248 \\ 0 \\ 11$	${ \begin{array}{c} 1,912\\ 2,372\\ 1,248\\ 1,292\\ 850\\ 1,774\\ 494\\ 0\\ 25 \end{array} }$	$ \begin{array}{c} 11 \\ 38 \\ 19 \\ 1 \\ 50 \\ 4 \\ 0 \\ 0 \\ 0 \end{array} $	$     \begin{array}{c}       6 \\       27 \\       9 \\       28 \\       34 \\       5 \\       0 \\       0 \\       0 \\       0 \end{array} $	$     \begin{array}{r}       17 \\       65 \\       28 \\       29 \\       84 \\       9 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\$	$5 \\ 5 \\ 0 \\ 4 \\ 13 \\ 12 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ $	0 2 0 0 0 3 0 0 0	$5 \\ 7 \\ 0 \\ 4 \\ 13 \\ 15 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ $	$\begin{array}{c} 712 \\ 1,211 \\ 454 \\ 372 \\ 538 \\ 980 \\ 246 \\ 0 \\ 14 \end{array}$	${ \begin{array}{c} 1,222\\ 1,233\\ 822\\ 953\\ 409\\ 818\\ 248\\ 0\\ 11\\ \end{array} }$	1,9342,4441,2761,3259441,798494(25	
N. Central Division: Ohio Indiana Michigan Wisconsin Minnesota Iowa Missouri. North Dakota South Dakota Nebraska Kansas Vostum Division.	$1,622 \\ 3,949 \\ 584 \\ 626 \\ 1,406 \\ 1,176 \\ 37 \\ 103 \\ 473$	2,049 685 2,824 416 378 325 1,125 1,086 34 59 365 712	$\begin{bmatrix} 5, 465 \\ 2, 307 \\ 6, 773 \\ 1,000 \\ 1,062 \\ 951 \\ 2,531 \\ 2,262 \\ 71 \\ 162 \\ 838 \\ 1,655 \end{bmatrix}$	$ \begin{smallmatrix} 64 \\ 11 \\ 784 \\ 2 \\ 0 \\ 3 \\ 25 \\ 82 \\ 0 \\ 0 \\ 24 \\ 10 \end{smallmatrix} $	$ \begin{array}{c} 30 \\ 9 \\ 401 \\ 0 \\ 3 \\ 0 \\ 17 \\ 31 \\ 0 \\ 1 \\ 3 \\ 3 \end{array} $	$94 \\ 20 \\ 1,185 \\ 2 \\ 3 \\ 42 \\ 113 \\ 0 \\ 1 \\ 27 \\ 13 \\ 13 \\ 13 \\ 13 \\ 13 \\ 14 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10$	$\begin{array}{c} 38\\1\\52\\24\\5\\9\\17\\10\\0\\0\\2\end{array}$		$\begin{array}{c} 46\\ 2\\ 57\\ 32\\ 6\\ 14\\ 21\\ 10\\ 0\\ 0\\ 1\\ 3\end{array}$	$\begin{array}{c} 3,518\\ 1,634\\ 4,785\\ 610\\ 689\\ 638\\ 1,448\\ 1,268\\ 37\\ 103\\ 497\\ 955 \end{array}$	$\begin{array}{c} 2,087\\ 695\\ 3,230\\ 424\\ 382\\ 330\\ 1,146\\ 1,117\\ 34\\ 60\\ 369\\ 716\end{array}$	5,605 2,329 8,015 1,034 968 2,594 2,385 71 163 866 1,671	
Western Division: Montana. Wyoning Colorado New Mexico. Arizona. Utah. Nevada. Idabo. Washington. Oregon. California.	$\begin{array}{c} 0\\ 425\\ 0\\ 0\\ 37\\ 0\\ 272\\ 162 \end{array}$	0 0 368 0 0 29 0 0 100 155 945	0 793 0 0 66 0 372 317 2, 818	0 0 64 0 0 0 23 0 65	0 0 35 0 0 0 0 2 3 42	$\begin{array}{c} 0 \\ 0 \\ 99 \\ 0 \\ 0 \\ 0 \\ 0 \\ 25 \\ 3 \\ 107 \end{array}$	0 0 3 0 0 0 0 0 0 1 0 30	0 0 1 0 0 0 0 0 1 0 0	$egin{array}{c} 0 \\ 0 \\ 4 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 30 \end{array}$	$\begin{array}{c} 0\\ 0\\ 492\\ 0\\ 0\\ 37\\ 0\\ 296\\ 162\\ 1,968 \end{array}$	$\begin{array}{c} 0 \\ 0 \\ 404 \\ 0 \\ 0 \\ 29 \\ 0 \\ 0 \\ 103 \\ 158 \\ 987 \end{array}$	0 898 0 66 0 399 320 2, 955	

# TABLE 2.—Number of undergraduate and graduate students in private universities, colleges, and schools of technology.

TABLE 3.— Undergraduate students in universities and colleges for men and for both sexes.

	Number	College	s for men.	Col	Colleges for both sexes.			
State or Territory.	Number of institu- tions.	Institu-	Under- graduate	Institu-	Underg	raduatest	udents.	
		tions.	students.	tions.	Men.	Women.	Total.	
United States	453	131	26,996	322	45, 507	25,042	70, 549	
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division.	84 72 72 187 38	$     46 \\     30 \\     17 \\     32 \\     6   $	$16,850 \\ 3,768 \\ 2,082 \\ 3,445 \\ 851$	$38 \\ 42 \\ 55 \\ 155 \\ 32$	$10, 121 \\ 3, 498 \\ 4, 537 \\ 22, 526 \\ 4, 825$	3,224 1,368 2,382 14,566 3,502	13,3454,8666,91937,0928,327	
North Atlantic Division: Maine. New Hampshire. Vermont. Massachusetts. Rhode Island Connecticut. New York. New Jersey. Pennsylvania. South Atlantic Division:	$     \begin{array}{r}       4 \\       2 \\       3 \\       10 \\       1 \\       3 \\       23 \\       5 \\       33 \\       5 \\       33 \\       5       33       \end{array} $	$     \begin{array}{c}       1 \\       2 \\       1 \\       6 \\       0 \\       2 \\       16 \\       5 \\       13 \\     \end{array} $	$280 \\ 879 \\ 120 \\ 3,844 \\ 0 \\ 2,294 \\ 3,418 \\ 1,630 \\ 4,385$	3 0 2 a 4 1 1 7 0 20	$728 \\ 0 \\ 346 \\ 436 \\ 681 \\ 266 \\ 3,930 \\ 0 \\ 3,734$	$284 \\ 0 \\ 108 \\ 405 \\ 203 \\ 26 \\ 1,395 \\ 0 \\ 803$	$1,012 \\ 0 \\ 454 \\ 841 \\ 884 \\ 292 \\ 5,325 \\ 0 \\ 4,537 \\ 0$	
Delaware. Maryland. District of Columbia. Virginia. West Virginia. North Carolina. South Carolina. Georgia. Florida.	$2 \\ 10 \\ 7 \\ 11 \\ 4 \\ 13 \\ 9 \\ 11 \\ 5$	1 6 4 7 0 4 2 4 2	120 597 147 <b>b</b> 1,181 0 657 189 760 117	1 4 3 4 4 9 7 7 3	$\begin{array}{c} 30 \\ 130 \\ 398 \\ 315 \\ 573 \\ 870 \\ 744 \\ 343 \\ 95 \end{array}$	23 96 247 57 316 236 82 212 99	$53 \\ 226 \\ 645 \\ 372 \\ 889 \\ 1,106 \\ 826 \\ 555 \\ 194$	
South Central Division: Kentucky. Tennessee. Alabama. Mississippi. Louisiana. Texas. Arkansas. Oklahoma. Indian Territory.	$     \begin{array}{r}       10 \\       22 \\       5 \\       4 \\       7 \\       14 \\       7 \\       1 \\       2     \end{array} $	$     \begin{array}{c}       3 \\       3 \\       3 \\       1 \\       4 \\       3 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\     $	$328 \\ 247 \\ 311 \\ 248 \\ 752 \\ 196 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ $	$     \begin{array}{r}       7 \\       19 \\       2 \\       3 \\       3 \\       11 \\       7 \\       1 \\       2     \end{array} $	$\begin{array}{c} 692\\ 1, 189\\ 335\\ 316\\ 45\\ 1, 269\\ 577\\ 100\\ 14\\ \end{array}$	$\begin{array}{c} 441 \\ 630 \\ 59 \\ 75 \\ 17 \\ 862 \\ 247 \\ 40 \\ 11 \end{array}$	$1,133 \\ 1,819 \\ 394 \\ 391 \\ 62 \\ 2,131 \\ 824 \\ 140 \\ 25$	
North Central Division: Ohio Indiana. Illinois Michigan. Wisconsin. Minesota. Iowt. Missouri. North Dakota. South Dakota. South Dakota. Kansas.	$9 \\ 10 \\ 9 \\ 25 \\ 19$	655612223344000122	$570 \\ 767 \\ 723 \\ 86 \\ 259 \\ 201 \\ 205 \\ 394 \\ 0 \\ 0 \\ 86 \\ 154$	$\begin{array}{c} 29\\ 9\\ 23\\ 8\\ 8\\ 7\\ 22\\ 15\\ 3\\ 5\\ 9\\ 17\end{array}$	$\begin{smallmatrix} 4, 443 \\ 1, 412 \\ 4, 213 \\ 2, 183 \\ 2, 389 \\ 1, 456 \\ 1, 665 \\ 1, 841 \\ 131 \\ 183 \\ 1, 160 \\ 1, 450 \end{smallmatrix}$	$\begin{array}{c} 2,481\\ 1,212\\ 3,069\\ 1,037\\ 1,005\\ 1,113\\ 1,412\\ 955\\ 57\\ 122\\ 1,037\\ 1,066\end{array}$	$\begin{array}{c} 6,924\\ 2,624\\ 7,282\\ 3,220\\ 3,394\\ 2,569\\ 3,077\\ 2,796\\ 188\\ 305\\ 2,197\\ 2,516\end{array}$	
Western Division: Montana. Wyonning. Colorado. New Mexico. Arizona. Utah. Nevada. Idaho Washington. Oregon. California.	$     \begin{array}{c}       1 \\       4 \\       1 \\       2 \\       1 \\       1 \\       6 \\       8 \\       12 \\       \end{array} $	$egin{array}{c} 0 \\ 0 \\ 1 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 1 \\ 0 \\ 4 \end{array}$	$egin{array}{c} 0 \\ 0 \\ 50 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 160 \\ 0 \\ 641 \end{array}$	1 3 1 1 2 1 1 5 8 8	$\begin{array}{c} 69\\ 40\\ 678\\ 7\\ 21\\ 267\\ 103\\ 121\\ 488\\ 349\\ 2,682 \end{array}$	$\begin{array}{c} 48\\ 22\\ 619\\ 13\\ 12\\ 170\\ 75\\ 52\\ 394\\ 243\\ 1,854 \end{array}$	$117 \\ 62 \\ 1,297 \\ 20 \\ 33 \\ 437 \\ 178 \\ 173 \\ 882 \\ 592 \\ 4,536 \\$	

a Includes Clark University, which has no undergraduate department. b Includes 3 special women students in Randolph-Macon College.

TABLE	4Classification	f universities and colleges for men and for both sexes accordin	g
		o number of undergraduate students.	Č

							_	In	stit	uti	ons	ha	ving	g—					•	
State or Territory.	Institutions.	Less than 10.	10 to 24.	25 to 49.	50 to 74.	75 to 99.	100 to 149.	150 to 199.	200 to 249.	250 to 299.	300 to 399.	400 to 499.	500 to 599.	600 to 699.	700 to 799.	800 to 899.	1,000 to 1,199.	1,200 to 1,499.	1,500 to 1,749.	Over 1,750.
United States	453	8	45	76	59	43	69	37	31	20	18	8	6	7	3	3	1	8	1	10
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	84 72 72 187 38	$     \begin{array}{c}       1 \\       2 \\       3 \\       1 \\       1     \end{array} $	$5 \\ 10 \\ 7 \\ 18 \\ 5$	$7 \\ 13 \\ 15 \\ 36 \\ 5$	$     \begin{array}{c}       6 \\       11 \\       8 \\       27 \\       7     \end{array} $	$     \begin{array}{c}       12 \\       5 \\       6 \\       19 \\       1     \end{array} $			$     \begin{array}{c}       10 \\       7 \\       1 \\       10 \\       3     \end{array} $		$5 \\ 2 \\ 3 \\ 5 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3 \\ 3$		$2 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$	$     \begin{array}{c}       2 \\       1 \\       3 \\       1     \end{array}   $	1  1 1	2  1	  1	4  3 1	 1	4
North Atlantic Division: Maine. New Hampshire. Vermont. Massachusetts. Rhode Island. Connecticut. New York. New Jersey. Pennsylvania. South Atlantic Division: Delaware. Maryland.	$ \begin{array}{r}     4 \\     2 \\     3 \\     10 \\     1 \\     3 \\     23 \\     5 \\     33 \\     2 \\     10 \\     10 \end{array} $	1	 2	  2 	 2  4 1 2	1  5 1 5	$\frac{2}{1}$ $\frac{1}{2}$ $\frac{1}{2}$ $\frac{1}{2}$	  2  4 	1  1  2 1 5 	1  1 2 	1 1 1  2	1	1 1 1	  2	···· 1 ····		· · · · · · · · · · · ·	  2 1 1		
District of Columbia Virginia West Virginia North Carolina South Carolina Georgia Florida South Central Division: Kentucky	$ \begin{array}{c} 7 \\ 11 \\ 4 \\ 13 \\ 9 \\ 11 \\ 5 \\ 10 \\ 22 \\ 10 \\ 23 \\ 24 \\ 24 \\ 24 \\ 24 \\ 24 \\ 24 \\ 24 \\ 24$	1  1 	$     \begin{array}{c}       1 \\       1 \\       2 \\       1 \\       2 \\       1 \\       \dots \\       1 \\       1 \\       \dots \\       1 \\       2 \\       1 \\       \dots \\       1 \\       2 \\       1 \\       \dots \\       1 \\       2 \\       1 \\       \dots \\       1 \\       2 \\       1 \\       \dots \\       1 \\       2 \\       1 \\       \dots \\       1 \\       2 \\       1 \\       \dots \\       1 \\       2 \\       1 \\       \dots \\       1 \\       2 \\       1 \\       \dots \\       1 \\       2 \\       1 \\       \dots \\       1 \\       2 \\       1 \\       \dots \\       1 \\       2 \\       1 \\       \dots \\       1 \\       2 \\       1 \\       \dots \\       1 \\       2 \\       1 \\       \dots \\       1 \\       2 \\       1 \\       \dots \\       1 \\       2 \\       1 \\       \dots \\       1 \\       2 \\       1 \\       \dots \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       1 \\       2 \\       1 \\       1 \\       1 \\       2 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\     $	$     \begin{array}{c}       1 \\       2 \\       1 \\       2 \\       3 \\       1 \\       1     \end{array} $	$     \begin{array}{c}       1 \\       1 \\       \frac{4}{1} \\       1 \\       \frac{1}{1} \\       \frac{1}{1} \\       1   \end{array} $	$     \begin{array}{c}             2 \\             1 \\           $	$\frac{1}{2}$ $\frac{1}{3}$ $\frac{1}{1}$ $\frac{1}{3}$	1 1 1  1  2	$\frac{1}{3}$ $\frac{1}{2}$ 	1  1  1	1  1 	···· 1	1	···· 1 ····	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · ·		
Tennessee Alabama Mississippi Louisiana Texas Arkansas Oklahoma Indian Territory North Central Division:	$22 \\ 5 \\ 4 \\ 7 \\ 14 \\ 7 \\ 1 \\ 2$	1 1 1 	2  2  2	5 1 3 2 	4  2 1 	••••	5 3 1  3 	1  1 	•••	1 1 1  1 	1  1 	···· ··· ···	···· ··· ···	•••• ••••	····			· · · · · · · · · · · ·	· · · · ·	· · · · · · · · · · · · · · · · · · ·
Ohio. Indiana. Illinois. Michigan. Wisconsin. Minnesota. Iowa. Missouri. North Dakota. South Dakota. Nebraska. Kansas. Western Division:	$     \begin{array}{r}       35 \\       14 \\       29 \\       9 \\       10 \\       9 \\       25 \\       19 \\       3 \\       5 \\       10 \\       19 \\       19 \\       \end{array} $		$     \begin{array}{c}       2 \\       1 \\       2 \\       1 \\       5 \\       1 \\       1 \\       2 \\       3 \\       3     \end{array} $	53613165 333	$ \begin{array}{c} 4 \\ 1 \\ 5 \\ 1 \\ 2 \\ 3 \\ 2 \\ 1 \\ 2 \\ 1 \\ 4 \end{array} $	$5 \\ 2 \\ 1 \\ 1 \\ 1 \\ 2 \\ \\ 2 \\ 4$	$5 \\ 1 \\ 7 \\ 2 \\ 1 \\ 1 \\ 4 \\ 5 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$		$     \begin{array}{c}       1 \\       1 \\       2 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       2 \\       1 \\       1 \\       1 \\       2 \\       1 \\       1 \\       1 \\       2 \\       1 \\       1 \\       1 \\       2 \\       1 \\       1 \\       1 \\       2 \\       1 \\       1 \\       1 \\       1 \\       2 \\       1 \\       1 \\       1 \\       1 \\       2 \\       1 \\       1 \\       1 \\       1 \\       2 \\       1 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\     $	$     \begin{array}{c}       1 \\       2 \\       1 \\       1 \\       1 \\       1 \\       1 \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\       \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots \\      \dots$	3	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	 1 	· · · ·		1   1		••••
Montana. Montana. Vyoming. Colorado New Mexico. Arizona. Utah. Nevada. Idaho. Washington. Oregon. California.	$ \begin{array}{c} 1\\ 1\\ 4\\ 1\\ 1\\ 2\\ 1\\ 1\\ 6\\ 8\\ 12 \end{array} $	···· ···· ···· ··· ···	 1  1 1 2	1 1 1 3	1 1  1  1 3 	···· ···· ··· ···	1    3	1 1 1 2	  1 2	· · · · · · · · · · · ·	2 1	· · · · · · · · · · · · · · · · · · ·	1 	···· ···· ··· ···	· · · · · · · · · · · · · · · · · · ·			···· ···· ··· ···		1

							_		Inst	titu	tio	ns l	nav	ing	<u>z</u> —		_								
State or Territory.	Institutions.	No endowment funds.	\$1 to \$4,999.	\$5,000 to \$9,999.	\$10,000 to \$14,999.	\$15,000 to \$24,999.	\$25,000 to \$49,999.	\$50,000 to \$99,999.	\$100,000 to \$199,999.	\$200,000 to \$299,999.	\$300,000 to \$399,999.	\$400,000 to \$499,999.	\$500,000 to \$599,999.	\$600,000 to \$699,999.	\$700,000 to \$799,999.	\$800,000 to \$899,999.	\$900,000 to \$999,999.	\$1,000,000 to \$1,249,999.	\$1,250,000 to \$1,449,999.	\$1,500,000 to \$1,999,999.	\$2,000,000 to \$2,999,999.	\$4,000,000 to \$4,999,999.	\$5,000,000 to \$7,499,999.	\$7,500,000 to \$9,500,000.	Over \$12,500,000.
United States	453	129	11	13	7	14	37	48	57	38	20	16	11	8	3	2			6	5	7	4	1	3	3
North Atlantic Division	84	18		2	1	1	5	4	8	3	3			2	2	1	2	3					1	2	2
South Atlantic Division South Central Division North Central Division Western Division	72 72 187 38	26 34 39 12	7	6  4 1	1 4	2 8		$\frac{5}{29}$	$\frac{9}{25}$	$222 \\ 3$	9 2	5	4	3	1		2	1	2	2	1 	2		1	1
North Atlantic Division: Maine	4	_								1		2										-			
New Hampshire	$\overline{2}$	1																			1				
Vermont	3 10	····i		1			···. 1					1							$\ddot{2}$	2	2		1		ī
Rhode Island	1														·		 				1				
Connecticut New York	$\frac{3}{23}$	7				1	1	1	1		···. 1	3	· ' i	1	1	1		1		1	1			1	i
New Jersev	5	3					3				1		1				• ;				1			h	
Pennsylvania South Atlantic Division:	33	6			1		0	5	1 '	2	2	3			1		1	2	11					1	
Delaware	2	1					;	1																	
Maryland District of Columbia	$10 \\ 7$	6		2			1			2								1	1			1	11	1.	
Virginia	11	1		1			1	2	2		2					1									
West Virginia North Carolina	4 13	$\frac{2}{2}$					2	i	$\frac{2}{2}$					1			•••								
South Carolina	9	4					1	1	2	1															
Georgia	11 5	5			1			1	2	2			1 1			1.0.0						• •		• •	• •
Florida South Central Division:	J	1																					1		
Kentucky	10	28						1	22		2		2	2							• •	• •			
Tennessee	22 5	3	1			1	3					1.1						1						1.	
Alabama. Mississippi Louisiana	4								2					. 1	l										
Louisiana Texas	7	10					1	1			1						11	11	1	11		1		1	
Arkansas	7	3			1	1	1		1		1														
Oklahoma Indian Territory	$\begin{vmatrix} 1\\2 \end{vmatrix}$	1												• • •						1	• •	1.			·   · ·
North Central Division:			1					8									10.1		1					1	
Ohio Indiana	35 14	8				1	4	4	7	04 50 50	2 2			1, 1	1 1		1		1	2					
Illinois	29	5	2			1	1 2	5	4	i	i i			2	2					1.		1		1	
Michigan	9 10						1			5	1				• • •		• • •						• •		
Wisconsin Minnesota	9				. 1	1	l	1		1	j								1						
Iowa	25			. 2	2 2			4	4	1 8	3 1	1		:											
Missouri North Dakota	19 3					1	1	1		í		1								1					
South Dakota	5	2				. 1		2	1	l				- <sub>1</sub>	• • •							::	1		
Nebraska Kansas	$\begin{vmatrix} 10 \\ 19 \end{vmatrix}$				 			4		2		4	· · ·												
Western Division:																				L			R		
Montana Wyoming	1						· · · ·													1					
Colorado	4	2	2						1			1	L												
New Mexico Arizona	1	]	l		· · · · ·												1								
Iltoh	2							. 1	i i	L															
Nevada	1			·   ·					. 1	L				• • • •									1		1
Idaho. Washington	6	4	1				. 1	i															1.		
Washington Oregon	8			3 :		. :	L I	L) J			l .			• • •											- ;
California	12		£		L	· · · · ·	-		1 2	9' ·		1	- 1					1			1		1	1.	

### TABLE 5.—Classification of universities and colleges for men and for both sexes according to amount of endowment funds.

State or Territory.	Num- ber of insti-	Prepar depart			ate de- nents.	Profes depart	sional ments.	Total 1 (exclud plica	
	tu - tions.	Men.	Wo- men.	Men.	Wo- men.	Men.	Wo- men.	Men.	Wo- men.
United States	453	2, 491	1,025	8,738	1,107	5,100	62	15,847	2,247
North Atlantic Division South Atlantic Division South Central Division Worth Central Division Western Division	84 72 72 187 38	$541 \\ 256 \\ 285 \\ 1,189 \\ 220$	107 104 157 540 117	2,956 906 747 3,342 787	$92 \\ 106 \\ 169 \\ 614 \\ 126$	$1,590 \\ 534 \\ 656 \\ 1,884 \\ 436$	11 5 5 36 5	$5,175 \\1,600 \\1,569 \\6,027 \\1,476$	$241 \\ 201 \\ 341 \\ 1,225 \\ 239$
North Atlantic Division: Maine. New Hampshire. Vermont. Massachusetts. Rhode Island. Connecticut. New York. New Jersey. Pennsylvania. South Atlantic Division:	4 2 3 10 1 3 23 5 33	$5 \\ 10 \\ 0 \\ 46 \\ 0 \\ 264 \\ 15 \\ 201$	$\begin{array}{c} 0 \\ 0 \\ 0 \\ 4 \\ 0 \\ 55 \\ 5 \\ 43 \end{array}$	$101 \\ 66 \\ 56 \\ 537 \\ 77 \\ 285 \\ 956 \\ 168 \\ 710$	6 0 5 3 2 29 0 47	46 20 33 452 0 97 490 0 452	0 0 6 0 2 0 3	140 99 89 982 77 388 1,984 182 1,234	$ \begin{array}{r}                                     $
Delaware Maryland District of Columbia Virginia. West Virginia North Carolina South Carolina Georgia. Florida.	7 11 4 13 9	4 59 35 25 16 36 22 29 30	$     \begin{array}{c}       1 \\       7 \\       6 \\       11 \\       9 \\       18 \\       9 \\       27 \\       16 \\       \end{array} $	24 175 137 129 55 170 88 80 48	$2 \\ 15 \\ 4 \\ 14 \\ 15 \\ 16 \\ 18 \\ 18 \\ 18 \\ 18 \\ 18 \\ 18 \\ 18$	$\begin{array}{c} 0 \\ 83 \\ 296 \\ 38 \\ 11 \\ 44 \\ 8 \\ 49 \\ 5 \end{array}$	0 2 1 0 0 0 2 0	27 282 462 183 83 232 105 149 77	2 19 14 11 23 37 18 45 32
South Atlantic Division: Kentucky. Tennessee. Alabama. Mississippi. Louisiana Texas. Arkansas. Oklahoma. Indian Territory.	5 4 7	40 75 16 12 30 70 31 5 6	36 43 0 7 13 24 20 0 14	104 188 77 43 91 156 56 25 7	42 53 2 4 8 30 16 0 14	$107 \\ 253 \\ 35 \\ 15 \\ 65 \\ 136 \\ 41 \\ 4 \\ 0$	0 2 0 0 0 3 0 0 0	252 453 113 70 182 345 114 33 7	73 110 2 15 24 73 30 0 14
North Central Division: Ohio Indiana Hitinois Michigan Wisconsin Minnesota Iowa Missouri North Dakota South Dakota Nebraska Kansas	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$181 \\ 69 \\ 204 \\ 57 \\ 64 \\ 102 \\ 130 \\ 149 \\ 32 \\ 36 \\ 53 \\ 112$	$\begin{array}{c c} 83\\ 12\\ 89\\ 21\\ 12\\ 31\\ 94\\ 64\\ 19\\ 29\\ 32\\ 54\\ \end{array}$	$581 \\ 227 \\ 639 \\ 271 \\ 321 \\ 219 \\ 302 \\ 299 \\ 32 \\ 51 \\ 167 \\ 233$	$102 \\ 29 \\ 106 \\ 28 \\ 41 \\ 35 \\ 80 \\ 37 \\ 19 \\ 22 \\ 50 \\ 65$	$\begin{array}{c} 306\\ 37\\ 426\\ 146\\ 14\\ 208\\ 161\\ 245\\ 9\\ 0\\ 201\\ 131\\ \end{array}$	$ \begin{array}{c} 1\\2\\15\\4\\0\\1\\3\\0\\0\\0\\3\\7\end{array} $	$1,069 \\ 289 \\ 1,273 \\ 405 \\ 369 \\ 509 \\ 485 \\ 680 \\ 43 \\ 61 \\ 430 \\ 414$	$\begin{array}{c} 210\\ 45\\ 245\\ 55\\ 51\\ 86\\ 185\\ 105\\ 20\\ 36\\ 72\\ 115\\ \end{array}$
Western Division: Montana. Wyoming Colorado. New Mexico. Arizona. Utah. Nevyada. Idaho. Washington. Oregon. California.	$     \begin{array}{c}       1 \\       4 \\       1 \\       2 \\       1 \\       2 \\       1 \\       6 \\       8 \\     \end{array} $	5 6 29 5 6 33 4 3 25 30 74	$ \begin{array}{c} 4 \\ 4 \\ 12 \\ 2 \\ 3 \\ 13 \\ 5 \\ 2 \\ 14 \\ 21 \\ 37 \\ \end{array} $	$\begin{array}{c} 7\\ 13\\ 113\\ 7\\ 16\\ 45\\ 16\\ 14\\ 85\\ 69\\ 402 \end{array}$	3 5 22 2 1 3 5 3 22 33 22 33 27	$ \begin{smallmatrix} 0 \\ 0 \\ 177 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 55 \\ 202 \\ 202 \\ \end{smallmatrix} $	0 0 1 0 0 0 0 0 0 0 0 0 0 4	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	5 5 35 9 4 18 11 5 30 40 77

TABLE 6.—Professors and instructors in universities and colleges for men and for both sexes.

TABLE 7.—Students in universities and colleges for men and for both seres.

	Prepa	ratory	Colle	egiate	Grad	duate d	epartm	ents.	Profes	ssional
State or Territory.		tments.		tments.	Resid	lent.	Nonre	sident.		ments.
	Men.	Wo- men.	Men.	Wo- men.	Men.	Wo- men.	Men.	Wo- men.	Men.	Wo- men.
United States	37,806	16, 784	72,500	25,045	4,750	1,694	682	130	31, 558	814
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	$4,185 \\ 6,282 \\ 16,007$	$\begin{array}{c} 1,339\\ 1,989\\ 3,407\\ 7,841\\ 2,208 \end{array}$	$26,971 \\7,263 \\6,619 \\25,971 \\5,676$	$\begin{array}{c} 3,224\\ 1,371\\ 2,382\\ 14,566\\ 3,502 \end{array}$	2,112 425 173 1,702 338	495 18 81 858 242	$323 \\ 33 \\ 64 \\ 221 \\ 41$	$73 \\ 0 \\ 7 \\ 46 \\ 4$	9,844 3,844 5,089 11,593 1,188	227 45 89 394 59
North Atlantic Division: Maine. New Hampshire. Vermont Massachusetts. Rhode Island. Connecticut. New York. New Jersey. Pennsylvania. South Atlantic Division:	$ \begin{array}{c c} 0 \\ 543 \\ 0 \\ 0 \\ 4,778 \\ 260 \end{array} $	0 0 17 0 516 37 769	$\begin{array}{c} 1,008\\879\\466\\4,280\\681\\2,560\\7,348\\1,630\\8,119\end{array}$	$284 \\ 0 \\ 108 \\ 405 \\ 203 \\ 26 \\ 1, 395 \\ 0 \\ 803$	$7\\21\\457\\47\\271\\961\\93\\254$	$     \begin{array}{c}       1 \\       0 \\       0 \\       14 \\       28 \\       37 \\       368 \\       0 \\       47 \\     \end{array} $	$5 \\ 15 \\ 0 \\ 104 \\ 13 \\ 62 \\ 21 \\ 0 \\ 103$	$ \begin{array}{c} 1\\ 0\\ 23\\ 16\\ 0\\ 30\\ 30\\ \end{array} $	$203 \\ 60 \\ 193 \\ 2,354 \\ 0 \\ 469 \\ 4,107 \\ 32 \\ 2,426$	$2 \\ 0 \\ 0 \\ 109 \\ 0 \\ 0 \\ 96 \\ 0 \\ 20$
Delaware Maryland District of Columbia Virginia West Virginia. North Carolina. South Carolina. Georgia. Florida.	556 451 300 863 490	$\begin{array}{c} 30 \\ 74 \\ 90 \\ 162 \\ 180 \\ 602 \\ 176 \\ 483 \\ 192 \end{array}$	$150 \\ 727 \\ 545 \\ 1,493 \\ 573 \\ 1,527 \\ 933 \\ 1,103 \\ 212$	$\begin{array}{c} 23\\ 96\\ 247\\ 60\\ 316\\ 236\\ 82\\ 212\\ 99\end{array}$	$\begin{array}{c} 1 \\ 197 \\ 132 \\ 48 \\ 2 \\ 24 \\ 13 \\ 8 \\ 0 \end{array}$	$\begin{array}{c} 0\\ 0\\ 13\\ 0\\ 0\\ 2\\ 1\\ 1\\ 1\\ 1\end{array}$	$\begin{array}{c} 0\\ 2\\ 1\\ 0\\ 0\\ 13\\ 16\\ 1\\ 0\end{array}$	0 0 0 0 0 0 0 0 0	$\begin{array}{c c} & 0 \\ & 380 \\ 1,772 \\ & 472 \\ & 220 \\ & 588 \\ & 66 \\ & 309 \\ & 37 \end{array}$	0 25 18 0 0 0 0 2 0
South Central Division: Kentucky. Tennessee. Alabama. Mississippi. Louisiana. Texas. Arkansas. Oklahoma. Indian Territory.	$1,937 \\ 147 \\ 357 \\ 555 \\ 1,214 \\ 679 \\ 135$	$583 \\ 1,106 \\ 8 \\ 281 \\ 110 \\ 675 \\ 471 \\ 50 \\ 123$	$1,020 \\ 1,436 \\ 646 \\ 564 \\ 797 \\ 1,465 \\ 577 \\ 100 \\ 14$	$\begin{array}{c} 441 \\ 630 \\ 59 \\ 75 \\ 17 \\ 862 \\ 247 \\ 40 \\ 11 \end{array}$	$26 \\ 42 \\ 24 \\ 7 \\ 53 \\ 15 \\ 3 \\ 0$	$5 \\ 26 \\ 1 \\ 0 \\ 33 \\ 15 \\ 1 \\ 0 \\ 0 \\ 0$	$5 \\ 5 \\ 0 \\ 26 \\ 13 \\ 12 \\ 3 \\ 0 \\ 0$	0 2 0 2 0 3 0 0 0 0 0	$1,074 \\ 1,853 \\ 241 \\ 86 \\ 695 \\ 818 \\ 272 \\ 50 \\ 0$	6 17 0 1 21 44 0 0 0
North Central Division: Ohio Indiana. Illinois. Michigan. Wisconsin. Minnesota. Iowa North Dakota. South Dakota. Nebraska. Kansas.	$\begin{array}{c} 974\\ 2,348\\ 474\\ 754\\ 1,165\\ 1,829\\ 2,334\\ 180\\ 575\\ 1,157\\ \end{array}$	$1,344\\187\\1,135\\214\\118\\359\\1,434\\1,051\\139\\372\\404\\1,084$	$5,013 \\ 2,179 \\ 4,936 \\ 2,269 \\ 2,648 \\ 1,657 \\ 1,870 \\ 2,235 \\ 131 \\ 183 \\ 1,246 \\ 1,604 \\ \end{cases}$	$\begin{array}{c} 2,481\\ 1,212\\ 3,069\\ 1,037\\ 1,005\\ 1,113\\ 1,412\\ 955\\ 57\\ 122\\ 1,037\\ 1,066\end{array}$	$120 \\ 73 \\ 842 \\ 73 \\ 119 \\ 68 \\ 119 \\ 144 \\ 5 \\ 4 \\ 86 \\ 49 \\ 120 \\ 120 \\ 120 \\ 140 \\ 140 \\ 140 \\ 140 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 1$	$\begin{array}{c} 83\\ 32\\ 415\\ 25\\ 32\\ 42\\ 85\\ 33\\ 1\\ 4\\ 66\\ 40\\ \end{array}$	$38 \\ 1 \\ 96 \\ 30 \\ 5 \\ 19 \\ 17 \\ 10 \\ 0 \\ 1 \\ 0 \\ 4$	8 1 10 8 1 11 4 0 0 1 1 1	$1,236 \\ 287 \\ 3,702 \\ 1,490 \\ 198 \\ 1,111 \\ 994 \\ 1,407 \\ 47 \\ 47 \\ 619 \\ 455 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25 \\ 1,25$	$ \begin{array}{c c} 20 \\ 8 \\ 107 \\ 48 \\ 0 \\ 27 \\ 108 \\ 10 \\ 2 \\ 1 \\ 31 \\ 32 \\ \end{array} $
Western Division: Montana. Wyoming. Colorado. New Mexico. Arizona. Utah. Nevada. Idaho. Washington. Oregon. California.	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 45\\18\\358\\80\\70\\693\\42\\51\\209\\283\\359\end{array}$	$\begin{array}{c} 69\\ 40\\ 728\\ 7\\ 21\\ 267\\ 103\\ 121\\ 648\\ 349\\ 3, 323\\ \end{array}$	48 22 619 13 12 170 75 52 394 243 1,854	$ \begin{array}{c} 5 \\ 1 \\ 81 \\ 0 \\ 4 \\ 0 \\ 1 \\ 0 \\ 39 \\ 2 \\ 205 \\ \end{array} $	$ \begin{array}{c} 1\\ 1\\ 48\\ 0\\ 2\\ 0\\ 2\\ 1\\ 38\\ 5\\ 144 \end{array} $	$\begin{array}{c} 2\\ 1\\ 5\\ 0\\ 0\\ 0\\ 0\\ 1\\ 1\\ 31 \end{array}$	0 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$ \begin{array}{c} 0 \\ 0 \\ 327 \\ 0 \\ 0 \\ 0 \\ 0 \\ 96 \\ 177 \\ 588 \\ \end{array} $	$egin{array}{c} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 8 \\ 16 \\ 29 \end{array}$

	Art.	5,462	$^{1,144}_{238}$	866 202 202 203 203 204 204 205 205 205 205 205 205 205 205 205 205
	.əisuM	20,912	$\substack{1,480\\1,216\\2,828\\13,541\\1,847\end{array}$	426 810 810 811 814 814 814 814 814 814 814 814 814
	Military drill.	13, 708	$\begin{array}{c} 2,220\\ 1,535\\ 2,955\\ 5,000\\ 1,998 \end{array}$	141 283 283 283 76 76 76 76 76 76 76 76 76 76 816 825 816 825 825 825 825 825 825 825 825 825 825
Students 1 commer- ial course.	.пэшо W	2, 344	$^{474}_{165}$ $^{416}_{1,109}$ 1,178	2328 2328 2328 2328 2328 2328 2328 2328
Students in commer- cial course.	.пэМ	7,518	${\begin{array}{c}1,203\\554\\1,243\\3,626\\892\end{array}}$	789 3317 789 789 789 789 789 789 7174 170 170 135 135 135 170 170 170 135 135 170 170 170 170 170 170 170 170 170 170
Students pedagogy.	.пэто W	5,906	$^{801}_{2,948}$	0 337 348 348 348 348 348 348 348 348
Students in pedagogy.	n9M	3,930	${1,045\atop 584\\ 720\\ 1,388\\ 193$	266 214 214 214 214 214 215 233 235 235 235 235 235 235 235 235 23
lege ents ing	Атеек.	14,470	$\begin{array}{c} 4,671\\ 1,779\\ 1,574\\ 5,384\\ 1,062\\ 1,062 \end{array}$	1140 101 101 101 105 105 105 105 105 105 10
College students studying—	.nits.I	27,447	$\begin{array}{c} 8,411\\ 3,554\\ 3,374\\ 9,917\\ 2,191\end{array}$	375 151 151 187 151 187 151 375 375 375 335 335 42 335 335 42 335 531 151 151 151 151 151 151 151 151
	Commerce.	1,710	744 53 787 126	22 212 712 53
	Household.	213	$   \begin{array}{c}     30 \\     35 \\     134 \\     134   \end{array} $	30 30 14 13 33 33 33
	Sanitary en- gineering.	12	с б	бю
	Architecture.	471	320 10 133 8	444 1072 104
ourses.	General en- gineering.	1,875	$^{291}_{\begin{array}{c} 88\\ 93\\ 1,245\\ 158\end{array}}$	124 47 120 88 88 70 23
luate c	Mining en- gineering.	1,637	$ \begin{array}{c} 539\\ 52\\ 404\\ 621\\ 621 \end{array} $	66 66 12 205 205 205 205 205 205 205 205 205 20
dergrad	Chemical en- gineering.	492	215 36 60 164 17	266 266 200 200 200 200 200 200 200 200
Students in undergraduate courses	Electrical engineering.	3,060	$^{1,170}_{1,290}_{1,290}_{1,208}$	96 156 341 342 424 424 40 117 18 88 188 188 117 117 117 117 117 1
Student	Civil engin- eering.	5, 327	$^{2,489}_{\begin{array}{c}244\\472\\1,612\\510\end{array}}$	134 134 134 134 134 134 134 134 135 135 135 135 135 135 135 135 135 135
01	Mechanical engineering.	3, 821	$\begin{array}{c} 1,958\\ 104\\ 341\\ 953\\ 953\\ 465\end{array}$	38 14 68 68 68 465 465 465 17 17 17 17 17 16 11 11 11 11 11 157 157
	Agriculture.	1,415	375 375 87 87 616 117	15 144 194 194 114 124 124 86 86 26 27 21 21 21 21 21 21 29
	Гіретаl атts.	70, 233	$\begin{array}{c} 20,471\7,101\6,863\29,510\6,282\6,282\\end{array}$	931 931 931 931 931 932 933 937 937 937 1,638 1,339 1,633 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,935 1,
	State or Territory.	United States	North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	North Atlantic Division: Maine. New Hampshire. Vernont. Vernont. Rende Island Connecticut New Jersey. New Jersey New Jers

TABLE 8.—Students pursuing various courses in universities and colleges for men and for both sexes.

552

EDUCATION REPORT, 1905.

## UNIVERSITIES, COLLEGES, AND TECHNOLOGICAL SCHOOLS. 553

	22	461	233	631	159	30	74	216	426	38	123	159	249		45	C.	P	4		106	224		62	122	580
113	65	2.073	820	2.873	673	506	445	2.101	597	34	423	1.073	1,923		60	3 6	191	52		120	1	10	414	466	559
	105	393	339	1.482		616	504	562	434		91	497	82			150	2		62		139	100	203		1,259
6	53	268	00	137	73	39	25	138	47	49	37	67	221			8	2	6	17	12	108	3	39	25	28
20	5	522	113	534	92	184	226	209	296	26	139	184	632			22	102	5	12	76	14	1	177	92	394
	ŝ	258	240	764	41	74	188	458	248	\$7	118	254	263		15	46	6	00	-	8	37	6	81	2	289
		168	194	251	44	68	11	240	98 8	33	16	94	135		C	0	69	0	4	30	-	1 012	21	2	68
9	2	1,033	-551	734	163	484	340	618	371	20	73	364	633		10		140	4	07	25	4	1.0	246	65	566
10	19	2, 136	995	1,415	313	919	704	1,084	623	8	20	522	1,054		75		209	9	ŗŎ	118	28	8	384	170	1, 178
		4	300	273		210																			125
		33		8 98			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		:			:													
		15	ۍ م						15				_												00
		309			392 .	309	10 .		101			124 .				-	6		1	148		-			
9		46					106	4	180	15		4	49			12	12		11		44	41	55	17	429
		26		26	57		33		œ			4	10				13						4		
		187	28	238	127	162 .	161	26	150			112	66				106					28	34	20	120
		172	111	335	187	136	126	156	205			78	106				54		73	. 9	7	11	41	26	363
6		112	17	246	194	104	102	9	99	20	34 .	35	17		22	ന	16				26	28	32	-	337
		66		329		72	29		26			11				00						C1			106
125  .	53	5,706					2,180			153 .	271 .	1,708	2,231		95	23	1,075 .	15 .	- 21	258 .	55	63	847	453	3, 386
Oklahoma	Indian Territory North Central Division:				Michigan					North Dakota	South Dakota	Nebraska	Kansas	Western Division:	Montana.	Wyoming.	Colorado	New Mexico	Arizona	$0  ext{tah}$	Nevada	Idaho	Washington	Oregon	California

North Atlantic Division.       2,543       934       409       16        4       3       18       19       .4        1       15        5         South Atlantic Division. <th></th> <th>_</th> <th></th> <th></th> <th></th> <th></th> <th>_</th> <th></th>		_					_																	
i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i				.		Е.	Е.	Е.	M.				ch.		Α.	s.	· .	г.	Ď.		Α.	ri	30	nt.
i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i         i	State or Territory.	mi	ri	20	3		Ϋ́.	ei.	Gr!	G:		ri	Arc	05)	ri	3	Mu	Ped		i.	G.		Acc	2ai
United States       5,647       2,270       700       103       19       30       1       2       24       4       10       18       4       27       2       9       17       2       2       1       15       5         North Atlantic Division.       63       158       39       3       3       4       2       1       4       3       18       19       4       1       1       1       5         North Central Division.       194       800       28       27       5       2       24       .       4       1       1       1       5       5       24       .       4       1       1       1       5       5       24       .       1       1       1       1       5       5       24       .       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1				- i				1.11			let									· .	Ľ .			
North Atlantic Division.       2,543       934       409       16       .       .       .       4       3       18       .       19       .       .       .       1       15         4       3       18        1       15             1       15		q	щ	<u> </u>	щ Ш	<b>H</b>	щ	-	<u>щ</u>	#	-	P	8	14	<u>щ</u>	1	EH I	A	14	щ	щ	122	щ	щ
North Atlantic Division.       2,543       934       409       16       .       .       .       4       3       18       .       19       .       .       .       1       15         4       3       18        1       15             1       15	United States	5 047	0.070	700	102	10	20	1	0			10	10		07	0		17		0		17		2
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	United States	5,047	2,210		105			1	4		4		10	4	- 21	4	9		4	4	1	11	- 57	4
South Central Division       194       185       21       19       15       28       2       24        4       1		2,543									4	3	18								1	15		2
North Central Division       1914       300       228       27         7        6       1       1       2       50         North Atlantic Division       283       193       3       8       4       2         1         2       50         New Hampshire       90       50									- :								• •	1	• •				5	
Western Division.       283       193       3       38       4       2       1				21		19	28	• •		24					6		• •	16	• •	1.0			50	
$\begin{array}{c c c c c c c c c c c c c c c c c c c $							2	i									1	10			11			
$\begin{array}{c c c c c c c c c c c c c c c c c c c $						-			=	-	=			=	-	=	=		=	=	-			-
New Hampshire       90       50       3		111	76													•								1
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$					3						• •		••••			• •				• •	1.1			1
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Vermont																							1
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Massachusetts		166		1						1				1									
New York       507       153       79       2       1       1       18       1        15          Pennsylvania       505       366       88        2       3       1        15        16        1        15        16        16        16        16        16        16        17        16        17        16        17        16         17       10       17       10       18       1         17        18       1         17       10       18       1        11       12         11       12        18       1        11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11       11				100	• • • •						• •	• • •	• • •	••	• • •,	• •				• •	• ;			
New Jersey       196       77       10				79	2		••••	• •	• •		1		18	•••	18		1	••••	•••	•••	1	15		19
	New Jersev				10																			-
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Pennsylvania	505	366								2	3					1							!
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		e	00										•											
$\begin{array}{c c c c c c c c c c c c c c c c c c c $			22		• • • •		• • •		••				•••	•••				• • • •	••		1			
Virginia       119       14       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1 <t< td=""><td>District of Columbia.</td><td></td><td>20</td><td>. 9</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>	District of Columbia.		20	. 9												1								
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Virginia				1				• -															1
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	West Virginia		0		2				• •				•••		1	• -	• •		• •	• •				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				21	••••		•••		•••	· · ·			• • •	•••	•••		• -	•••	•••	• •	• •			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Georgia																	1					5	5 I I
Kentucky       52       17       10       9       27       2       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       4       <	Florida	6	8																					
Mississippi.       16       13       11       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1 <th1< th="">       1       <th1< th=""></th1<></th1<>			17		10	0	07																	
Mississippi.       16       13       11       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1 <th1< th="">       1       <th1< th=""></th1<></th1<>				2				• •		7			••••	4	• • •				• •	•••				
Mississippi.       16       13       11       13       33       33       11       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       17       18       17       18       18       11       11       17       17       17       17       17       17       17       17       17       17       17       18       18       18       18       18       18       18       18       18       18       18       18       18       18       18       18       18       18       18       18       18       18       18       18       18       18       18       18       18       18 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>11</td> <td></td>									11															
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Mississippi			11																				
Arkansas       32       11       2       6       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1 <td< td=""><td></td><td></td><td></td><td></td><td>···</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>					···																			
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				'	2		· · · i					•••	• • •		••••	•••	• •	•••	•••	•••				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$			-4																					1
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Indian Territory		2																					;
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		396	97	19	-91													9		1				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				25	2			• •											1					1.
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		359	175	21	1											2				1		2		
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				2	· · · ·												1			• •				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				12	••••		• • •		• •	• • •		7	••••	• •	···. 6			• • •	••				47	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$				79													2	6						1.
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	Missouri			11	2														1					
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	North Dakota								• •			•					••	• • •			• •			
Kansas       118       32       21       1       1       8       1         Western Division:       5       2       1       1       8       1       1         Montana       5       2       1       1       8       1       1         Worning       3       3       3       1       1       8       1       1         Colorado       47       15       3       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1	South Dakota			2	••••		•••						•••	• •	•••	• •								
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$																							ī	1
Wyoming         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3         3 </td <td>Western Division:</td> <td></td>	Western Division:																							
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$			2																• •					
Arizona       7       12         Utah	Colorado			···· 3	• • • •	• • •	••••	• •					• • •	•••	•••		· i	• • •	••		••		•••	
Arizona       7       12         Utah	New Mexico.																							1.
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Arizona																							
$\begin{array}{cccccccccccccccccccccccccccccccccccc$		7	12			• • • •							• • •	• •		• •	• •		• •					
Oregon					• • • •		···· 9	i	••				••••	•••		•••	• •	• • • •		• •				
Oregon			9				4																	111
California 168 130 37	Oregon	24			1																		2	
100 100	California	168	130		37									• •			• •	• • •						

TABLE 9.—Degrees conferred on men by universities and colleges for men and for both sexes.

 TABLE 10.--Degrees conferred on men by universities and colleges for men and for both sexes.

									Ë		ŝ		j.			1				
State or Territory.			i	W.					M. ]	Ped.	Acc's.		Arch.	Mus. D		Ä	ŝ	E	A	
State of Territory.	M.	ŝ			E	E	E	M.				F4		1s.	A		Ü	Ü	÷	Ξ.
	A.	X.	M.	Ph.	v	Z.	M	E	¥.	W.	Ň.	X.	K.	¥.	Sc.	Ph.	M.	M.	Ped.	i.
																			_	
United States	1 205	111	11	10	276	329	109	89	9	15	96	24	1	1	3	336	7	3	6	31
Children States	1,200	LLL				000		00	-	10		41	1	1	0	000	-	0	0	51
N. Atlantic Division	674	51		5	192	255	84	56	9	15	12	24		6?	2	194	7	3	6	
S. Atlantic Division	93	13		1	6	3	2				4					46				30
S. Central Division	65	7		1	24	2	3	1			8									1
N. Central Division	327	33	9	3	54	69	20	32			72		1	1	1	88				
Western Division	46	7	2								• • • •					8				
N. Atlantic Division:															-					
Maine	2	2			1	2	2													
New Hampshire	9				6												7			
Vermont	1	2																		
Massachusetts	160	62														71				
Rhode Island Connecticut	29 59	5			5	$\frac{5}{2}$	3			••••						$\frac{2}{31}$				
New York	217	18		5	88	211	41	47	9	15					1	60		3	6	
New Jersey	57	1			31		3				5				1	4				
Pennsylvania	140	15			61	35	35	9			7					26				
S. Atlantic Division:																				
Delaware		4																		
Maryland. Dist. of Columbia.	28 15			1	2	3	1			• • • •		••••				36 7				
Virginia	27	1		T	3		1 I									2				12
West Virginia	2						1									4			)	14
North Carolina	16										4					1				
South Carolina	4																			18
Georgia	1	1			1															
Florida S. Central Division:		1						· · · ·				• • • •								
Kentucky	17	4						T		. 13										
Tennessee	17	1			3	1					2									1
Alabama	10	1			2						6									
Mississippi	6																			
Louisiana	4	1				1														
Texas. Arkansas	9			1	$\frac{16}{3}$															
Oklahoma					0															
Indian Territory.															2.1		1111			
N. Central Division:																	1			
Ohio	67				24	40	2	11						1		2				
Indiana	47	-::-			4	1										1				
Illinois Michigan	77 29	15		2		4	1						1			58				
Wisconsin	29	1				2										9				• • •
Minnesota	7	2	9		18	14	17				20									
Iowa	24	6			1											2				
Missouri	26				3	6					24					2				
North Dakota						2									• • • •					
South Dakota Nebraska							• • • •		• • •							2				
Kansas	15	2		1							24				1					
Western Division:	10	-													-					
Montana																				
Wyoming	1																			
Colorado	15	2														3				
New Mexico													••••							
Arizona Utah																				
Nevada																				
Idaho																				
Washington	4														1					
Oregon	5	1																		
California	21	4	2													5				• • •
			-				1		1		1		1	1	1					

.

TABLE $11I$	Degrees cont	ferred on	, women l	ny coed	lucational	l universities	and co	olleaes.

				-																_		
					s.	s.		A.	1	ŝ						ч.				0,8.		Paint.
State or Territory.	B.	vi	PA	Ŀ.	i.	Mus.	Ped.	S.	Di.	0	o'	W.	vi	N	Ŀ	Ped	A	H.		ACC'	N L	ai
······································			Ph.						B. I	B.	B.		M. 8	Ph.	M.	.W	Ph.	Ped.	н.			
	Α.	ы.	А	щ.	B.	В.	ы.	B.	μm	m	B	A.		PH-	Z	Σ	Р	Ч	Ч	B.	m c	i mi
	1													i	-	-		-	-	-		
United States	2,193	329	354	253	18	93	35	2	6	1	8	270	23	6	4	5	22	3	31	5	3	1 2
N. O. MILL OF THE	000	100				10	-		-	1	4		2		-	_		-		-		
North Atlantic Division. South Atlantic Division.	360 53	106 16	93 8	8 5		18	6	1		1	4	98 8	2	3		4	13	3	31			1 2
South Central Division.		39	6	25		14	0		• • • •		2		7						01		••• •	
North Central Division	1,433	133	244				17	1	6		2	115		3	1	1	8			4	2	
Western Division	254	35	3	134		10	12					37	3		3		1			1	1.	
North Atlantic Division:					-	=	=		-	-	-				=	=	=	=		=	=	==
Maine	42	1																				
New Hampshire		î									-											
Vermont			7																			
Massachusetts	60	2	2	1								8				•••						
Rhode Island	23		17			• • •						8									• •   •	
Connecticut New York	149	1 73	3 36	3		11		···;		· · · ·		71	···: 1	· · · 2		1	0 5			• •		1 9
New Jersey	145	10	00	0		11						11	1			-4	J				••	1, 4
New Jersey. Pennsylvania	69	29	28	4		7					4	11					2					
South Atlantic Division:																						1
Delaware				• • • •	• • •	• • •		• • •		• • •		····;								••	•••	
Maryland District of Columbia.	13 8	····i			•••		···;		• • • •	····		4				•••	• • •			• •	•••	
Virginia	1											-				. 1						
West Virginia	6			2																		
North Carolina	12	4	7									2									•• •	
South Carolina	3	5 6		••••			••••					· · · · ;					• • •		31	•••	• •   •	
Georgia Florida	8			••••	••••	• • •	Э	• • •		• • •		1							• • •		•• •	
South Central Division:																- 1						
Kentucky	17	5	1	6								1										
Tennessee	28	17										4	1		]					!	-	
Alabama	11 2	$\frac{1}{2}$					••••			· · ·											-	
Mississippi Louisiana	1	4	о									6					••••		• • • •		-	
Texas	23	12	2			1					2		2									0
Arkansas	9	1				2						1										
Oklahoma	2	···;	• • • •		•••	1		•••		• • •					• •		• • • •				•• •	
Indian Territory North Central Division:		1			••••		•••	••••		•••		• • • •			•••	••	•••	•••	• • • •		•••	
Ohio	212	21	38	38		11					1	15	3	1		1	1					
Indiana	73	6	26			1						12										
Illinois	307	43	2		18	5		• • •			1	24		1			5					
Michigan. Wisconsin	188 135	$\frac{2}{1}$	$\frac{15}{14}$				•••														•• •	
Minnesota	136	6	14								•••	7			1	••			•••	2		
Iowa	77	23	116	2		18	9					10	2								.	
Missouri	63	14	<b>2</b>	12		3						13	2			1				1	2.	
North Dakota	2	· · · ·	••••					· · ·				· · · ·	'-		••		•••			• -	•• •	
South Dakota Nebraska	15 102		1	1 2								5			•••	• • •	···;	•••		•••	•••	
Kansas	123	8	15	6		6	8		Ĩ			7		1	11					2		
Western Division:							-															1
Montana	5	1							· · ·											!		
Wyoming	2 54	1			••••	••••		• • •		••••						· ·	•••;	•••		,	•••••	
Colorado New Mexico	54		1		••••		••••			•••		13					1	::				
Arizona			1																			
Utah	5																					
Nevada	9	1							•••											•••		
Idaho	$\frac{5}{20}$		••••		••••	••••	•••	•••	••••		•••					••		••	••••		••••••	
Washington Oregon	20		••••	1		4	·i			••••		0							••••	i	i :	
California	134	32	1	131								20			3							
																			I			

	1			D.	D.	Ľ.	D.		D.		0.	M.	1			B.	М.		-
State or Territory.	D.D.	LL. D	Ph D	L.H.D	Litt.	D.C.	S. T. ]	Е. Е.	Mus.	Sc. D.	Ped. D	L. H.	A. M.	M. S.	M. L.	Mus. ]	Ped. A	LL. B.	B. S.
United States	357	259	12	13	28	4	4	1	3	41	4	1	144	8	2	1	1	18	8
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	$     \begin{array}{r}       104 \\       64 \\       44 \\       141 \\       4     \end{array} $	$     \begin{array}{c}       115 \\       22 \\       23 \\       93 \\       6     \end{array} $	$\begin{array}{c}1\\1\\2\\7\\1\end{array}$	10 	21 2 		2  2 	1		36 4 1	2  2 	1		7 		1	···· 1	18	8
North Atlantic Division: Maine. New Hampshire. Vermont. Massachusetts. Rhode Island. Connecticut. New York. New York. New Jersey. Pennsylvania. South Atlantic Division: Delaware.	$5 \\ 2 \\ 3 \\ 13 \\ 3 \\ 8 \\ 20 \\ 6 \\ 44$	6 5 2 12 7 48 8 27	   .1	$\begin{array}{c}1\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ $	5 10 2 2 2		2	 1	  1 	$     \begin{array}{c}       1 \\                             $	···· ···· 2	···· ···· 1	$3 \\ 3 \\ 14 \\ 1 \\ 8 \\ 13 \\ 1 \\ 20$			· · · · · · · · · · · · · · · · · · ·			8
Maryland District of Columbia Virginia West Virginia North Carolina South Carolina. Georgia Florida.	$     \begin{array}{c}       1 \\       4 \\       9 \\       20 \\       7 \\       20 \\       3 \\       3     \end{array} $	9 7 3 3			 1 1	· · · · · · · · · · · · · · · · · · ·	 	· · · · ·	   			· · · · ·	$\frac{5}{2}$			· · · · ·	  		
South Central Division: Kentucky Tennessee Alabama Mississippi Louisiana Texas Arkansas Oklahoma Ustior	$3 \\ 15 \\ 4 \\ 3 \\ 2 \\ 16 \\ 1$	$9 \\ 3 \\ 8 \\ 1 \\ 2 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	1		  	  		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	· · · · ·	· · · · · · · · · · · · · · · · · · ·		1	 1	1	1			····
North Central Division: Ohio. Indiana Illinois. Michigan. Wisconsin. Minnesota Iowa. Missouri.	$47 \\ 12 \\ 19 \\ 5 \\ 3 \\ 4 \\ 25 \\ 3 \\ 3$	$23 \\ 7 \\ 14 \\ 4 \\ 6 \\ - \frac{8}{25}$	3 1 	2	1 1 1 2	· · · · ·	1   1			1 1 1 	  2			····			···· ···· 1		
North Dakota South Dakota Nebraska Kansas Western Division: Montana Wyoming Colorado		2 2 2 4	1 1 1	·····			· · · · · · · ·	· · · ·			····			· · · · ·					···· ····
Colorado New Mexico. Arizona Utah. Nevada. Idaho. Washington. Oregon. California.		  9			· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	   	· · · · · · · · · · · · · · · · · · ·	· · · · ·	· · · · · ·	· · · · · · · · · · · · · · · · · · ·								

 TABLE 12.—Honorary degrees conferred by universities and colleges for men and for both sexcs.

ed 1905—vol 1—39

TABLE 13.—Property of universities and colleges for men and for both sexes.

	of ips.	of a r -		Libraries		Value of scientific	Value of	-
State or Territory.	Number of fellowships.	Number schola ships.	Vol- umes.	Pam- phlets.	Value.	apparatus, machin- ery, and furniture.	grounds and buildings.	Productive funds.
United States	. 588	9, 794	10, 211, 784	2, 318, 526	\$13, 543, 406	\$19, 884, 199	\$184, 280, 327	\$208, 375, 966
North Atlantic Division South Atlantic Division	252	$4,892 \\ 1,332$	4, 626, 145 1, 097, 589	1,052,085 285,605	6, 142, 213 1, 488, 509	8, 416, 369 1, 315, 844	77,284,323	99, 861, 252 12, 575, 969
South Central Division North Central Division.	. 65	1,128	579, 155	172,814 688,943	691, 945 4, 320, 380	1.362.423	13,027,741	11, 139, 853 47, 264, 725 37, 534, 167
Western Division	. 33	382	582, 196	119,079	900, 359	7, 475, 490 1, 314, 073	14, 410, 626	37, 534, 167
North Atlantic Division: Maine	. 3	246	176, 142	28, 300	200,000	99.000	1,915,000	2,033,787
New Hampshire	. 1	200 180	$176, 142 \\ 105, 100 \\ 108, 954 \\ 1, 049, 027 \\ 140, 000 \\ 505, 000 \\ 1, 376, 331 \\ 305, 320 \\ 860, 271 \\ 100, 100, 100, 100, 100 \\ 100, 100, $	23, 300 22, 200 38, 156 454, 671	155, 100 147, 000	50,000	$\begin{array}{c} 1, 915,000\\ 1, 500,000\\ 1, 167,000\\ 11, 893,092\\ 2, 500,000\\ 7, 808,750\\ 27,703,276\\ 4, 450,000\\ 18, 347,205\end{array}$	2,600,000
Vermont Massachusetts	. 71	743	1,049,027	454,671	1.116,500	116, 120 1, 704, 689	11, 893, 092	1,072,550 29,389,193
Rhode Island	. 16	100	140,000	50,000	147,0001,116,50080,000509,0002,455,221285,0001,194,392	1,704,035 131,050 675,340 2,080,365 685,000 0,874,805	2, 500, 000	29, 339, 193 2, 988, 866 9, 458, 563 31, 020, 704 3, 396, 000
Connecticut	- 41 - 66	726	505,000 1.376.331	308,908	509,000	675,340	7,808,750	9,458,563
New York. New Jersey. Pennsylvania.	. 13	568	305, 320	62, 500 87, 350	285,000	685,000	4, 450, 000	3, 396, 000
Pennsylvania South Atlantic Division:	. 41	968	860, 271	87,350	1, 194, 392	2,874,805	18, 347, 205	17,901,589
Delaware			15,050	9, 500	22,600	77,700 285,000	170,000	83,000
Maryland. District of Columbia	22	268 179	244,000	109,500	352,500 292,209 227,000 48,000	285,000	2,784,000	4,890,075
Virginia	7	319	208, 812 207, 000 29, 500 150, 904	12,500 35,500	292,203	191,102 220,830	8, 507, 455 3, 360, 700	1,509,785 2,263,885
West Virginia		34	29, 500	2,800 41,515	48,000	78,600	995,000	275.769
North Carolina South Carolina	- 2	221 198	150, 904	41, 515 6, 400	220,600 168,800	4 202,012	1, 918, 495 1, 083, 200 1, 920, 000	1,254,339 615,453
Georgia	. 3	7	109, 300	7,550 60,340	112,800	65,700	1,920,000	1,069,863
Florida South Central Division:		106	29,609	60, 340	44,000	109,300	568, 475	613, 800
Kentucky	. 10		90,605	25,766	103, 893	261,898	2,062,858	2, 286, 847
Tennessee Alabama	- 20	515 3		49,486 23,000	165, 166	272,302	3,786,395 890,000	3,050,497 1,040,000
Mississinni	1	13	36,040	11,000	165, 166 68, 500 51, 000	272, 302 47, 000 111, 000	515,000	903,380
Louisiana	. 1	246	85,076	11.316	74,536	227,623	2,082,000	2,801,313
Louisiana Texas Arkansas	- 27	130 78		35,846 7,900	166,850 42,500	227, 550 153, 700	2,616,488	849,716 208,100
Oklahoma	. 0	Ö	7,000	5,000	15,000	60,000	250,000	
Indian Territory North Central Division:	• ••••		5, 500	3, 500	4, 500	1,350	165,000	•••••
Ohio		251	666, 549	221, 217	918, 150			10, 251, 135
Indiana	- 1 95		281,150	30,800	269,665 893,643	469,316	4 330 400	H = 2.023.797
Michigan	90			118,828 54,500	508.579	1.123.019	3.149.925	1.896.523
Illinois Michigan Wisconsin	. 29	31	206,876	47,550	310, 391	704,017	3,220,507	2, 289, 405
Minnesota Iowa		32 321	184,050 246,949	17,200 28,961	168,800	343, 800 404, 398	2, 993, 700 3, 946, 334	2, 118, 150 2, 567, 603
Missouri	. 7	274	264,809	57,321	486,056	449,650	6, 469, 457	7,844,652
North Dakota		13	21,600	4,000	31,200	108,000	655,000 700,980	678,339
South Dakota Nebraska				4,000 19,042	195,249	321,567	2,071,655	
Kansas.	. 11	20	192, 300	85, 524	232, 600	386,271	2, 596, 400	699,772
Western Division: Montana			16,000	7,000	25,000	50,000	200,000	500,000
Wyoming	. 0		18, 523	10,000	27,857	110,642	220,000	25, 515
Colorado New Mexico	- 22	161	77,000 5,000		87,000 4,000	153,000 5,000	1,710,000 75,000	715,000
Arizona			10,000	10,000	10,910	42,478	172, 549	
Utah Nevada		2	28,000 7,852	13,500 3,200	34, 208	105, 261 52, 185	527, 675 210, 059	6 160,000 .146,893
Idaho	. 0		5,149	3,800	7,500	47,820	232,750	212,871
Washington		49	46,750	21,800	91,150	142,550	1,383,485	268,153
Oregon California	il ii	42		6,600 38,179		37,000 568,137		486,000 35,019,735
	1 11	1 120	000,010	00,110	020,100	1	1 0,000,100	1 50,010,700

UNIVERSITIES, COLLEGES, AND TECHNOLOGICAL SCHOOLS. 559

			State or city appropria- tions.	y appropria- ns.				
State or Territory.	Tuition and other fees.	From productive funds.	Current expenses.	Building or other special purposes.	Federal ap- propriations.	From other sources.	Total.	Benefactions.
North Central Division-Continued.		000 01110	000	000 0100	000 07 e	0100	L L C	tot off te
Michigan	\$1,510,335 290.280	\$/10,090 111.521	\$250,000 403.525	9710,200	a40,000	a190,975	022, 251 022, 251	a1,110,121 105,565
Wisconsin	177,690	138, 736	378,000	127,500	40,000	136,560	998, 486	298, 434
	194, 496	90,868	234, 793	224,655	40,000	98,192	883,004	49,630
Iowa	323, 195	128,833	185,500	245,500		82,259	965, 287	342,030
Missouri	219,268	412, 321 26, 325	62.796	78,000	38, 438	1.500	9/9/9/0	35.000
South Dakota	49,695	18,894	60,000	25,000			153, 589	72,917
Nebraska	123,050	84,750	135,000	147,250	40,000	69, 347	599, 397	192, 797
kansas Western Division:	233, 115	99, IOI	1/3,000	000,000		91, 384	040,000	115,001
Montana	2,000	15,000	44,610	5,000		250	66,860	250
Wyoming.	200	4,408 38,000	14,370		40,000		59,478 262 000	15 000
Velotado.	500	700,007	18,000				18,500	000 001
Arizona	3,273		25, 198		25,000	1,480	54,951	
Utah	21,218	6, 795	54,000	45,000		48, 107	175, 120	960
Nevada.	1,800	6,032	25,000	24,675	40,000	869	98,205	1,500
Washington	81,700	19,615	300,000	070 000	000 (0E	74,034	475, 349	32,985
Oregon	31,441	25,024	47,500			8,095	112,060	17,355
California	269,038	977, 183	331,396	193, 707	40,000	22,963	1,834,287	469, 604

TABLE 14.—Income of universities and colleges for men and for both seres-Continued.

**5**60

# EDUCATION REPORT, 1905.

# UNIVERSITIES, COLLEGES, AND TECHNOLOGICAL SCHOOLS. 561

		1	.tt.	385	312 28 5 40	306 6	6 22		5	40
	Number in-		.oisuM	666	381 115 75 95	$215 \\ 166$	$10 \\ 105$		75	95
	Nun		Pedagogy.	426	374 52	221 118 35	40			
	-ui		Стеек.	500	$^{+12}_{-12}$	$     \begin{array}{c}       215 \\       187 \\       36     \end{array}   $	11 10	12	6	2
ts.	College students in-		.nits.I	1,923	${1,558 \atop 53 \\ 53 \\ 21 \\ 29 \\ 29 \\ 29 \\ 29 \\ 29 \\ 29 \\ 29$	500 921 137	$105 \\ 42 \\ 115$	53	21	29
Students.	College :	.st	rs Isrsdi.I	6, 145	5, 122 725 182 75 41	3,115 1,629 378	$^{325}_{83}_{83}_{317}$	182	75	41
-			.lstoT	6, 841	5,367 727 390 143 214	3,207 1,719 441	$\substack{325\\83\\319}$	390	143	214
	-		Graduate.	160	158 2 0	63 15 63	2			0
			.918ig9lloD	6, 145	5,122 725 182 75 41	3,115 1,629 378	$^{325}_{83}_{83}_{317}$	182	75	41
		۲۷.	Preparato	302	$\begin{smallmatrix}&&0\\&&0\\37\\&&37\\134\end{smallmatrix}$	000	000	131	37	134
	tal	tumber (excluding dupli- cates).	.nəmoW	461	$ \begin{array}{c} 341 \\ 50 \\ 25 \\ 19 \\ 26 \\ 26 \\ 26 \\ 26 \\ 26 \\ 26 \\ 26 \\ 26$	211 114 16	14 18 18	25	19	26
uctors	Total	number (excludin dupli- cates).	.n9M	277	$^{233}_{5}$	135 68 30	10 7 11	00	3	õ
Professors and instructors.	-	conegrate depart- ments.	.nomoW	449	$     \begin{array}{r}       341 \\       50 \\       16 \\       16 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\        26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26 \\       26$	$211 \\ 114 \\ 16 \\ 16$	14 18 18	16	16	26
ors an	-11-0	dep	.n9M	275	$233 \\ 28 \\ 8 \\ 1 \\ 5$	135 68 30	10 7 11	00	1	Û
rofess		Frepara- tory de- partments.	.пэтоW	50	$\begin{array}{c} 0 \\ 0 \\ 11 \\ 13 \\ 26 \end{array}$	000	000	11	13	26
1	F	tory partn	.пэМ	9	00010	000	000	0	<b>1</b>	ŝ
۰st	toiti	utiteni 1	Number o	15	6.1113	441		1	1	
		State.		United States.	North Atlantic Division South Atlantic Division South Atlantic Division North Central Division Western Division	North Atlantic Division: Massachusetts New York. Pennsylvania	South Atlantic Division: Maryland. District of Columbia. Virginia.	South Central Division: Louisiana	North Central Division: Illinois	Western Division: California

TABLE 15.—Professors and students in colleges for women, Division A.

State.	А. В.	в. s.	B. L.	B.Mus.	А. М.	Ph. D.	Honor- ary.
							Litt.D.
United States	1, 124	8	3	2	50	3	1
North Atlantic Division South Atlantic Division		6		2	48 2	3	1
South Central Division.	24	·····					
Western Division		1	3				
North Atlantic Division: Massachusetts	596			2	35	1	1
New York. Pennsylvania	315	6			7	2	
South Atlantic Division:						-	
Maryland District of Columbia Virginia	13 22	1			2		
South Central Division: Louisiana							
North Central Division: Illinois		1					
Western Division: California			3				
						1	1

TABLE 16.—Degrees conferred by colleges for women, Division A.

TABLE 17.—Property of colleges for women, Division A.

	Num-	Num- ber of	]	Libraries	3.	Value of	Value of	Produc-
State.	ber of fellow- ships.	schol- ar- ships.	Vol- umes.	Pam- phlets.	Value.	scientific appa- ratus.	grounds and buildings.	funds.
United States	26	458	284, 818	23, 100	\$522, 173	\$857, 526	\$11, 595, 106	\$8, 396, 722
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	24 2 0	414 21 5 18	$240,318 \\ 23,500 \\ 7,500 \\ 6,500 \\ 7,000$	15,600 7,500	$\begin{array}{r} 443,656\\41,517\\15,000\\15,000\\7,000\end{array}$	701, 379 83, 767 47, 380 25, 000	$9,634,896\\1,234,318\\275,892\\150,000\\300,000$	$\begin{array}{r} 6,848,211\\ 459,319\\ 732,881\\ 106,311\\ 250,000 \end{array}$
North Atlantic Division: Massachusetts. New York. Pennsylvania. South Atlantic Division:	7 3 14	269 72 73	116, 799 78, 519 45, 000	7,000 600 8,000	233, 272 118, 384 92, 000	423, 920 217, 459 60, 000	3, 999, 711 4, 144, 185 1, 491, 000	3, 308, 620 2, 339, 591 1, 200, 000
Maryland. District of Columbia Virginia. South Central Division:	2 0	0 9 12	9,000 10,000 4,500	2,000 5,000 500	10,000 25,000 6,517	23,000 20,000 40,767	678,000 380,000 176,318	350, 319 109, 000
Louisiana. North Central Division: Illinois. Western Division:	0	5	7,500 6,500		15,000 15,000	47, 380 25, 000	275, 892 150, 000	732, 881 106, 311
California	0	18	7,000		7,000		300,000	250,000

		Inco	me.		
State.	Tuition and other fees.	From pro- ductive funds.	From other sources.	Total.	Benefac- tions.
United States	\$1, 464, 263	\$408, 105	\$210,953	\$2,083,321	\$746,015
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division.	$\begin{array}{r}1,284,911\\102,021\\25,387\\31,944\\20,000\end{array}$	335,080 34,545 28,907 6,573 3,000	161, 326 48, 410 1, 217	$1,781,317\\184,976\\54,294\\39,734\\23,000$	713,230 31,540 1,245
North Atlantic Division: Massachusetts. New York. Pennsylvania South Atlantic Division:	705, 694 500, 217 79, 000	$165, 196 \\ 107, 884 \\ 62,000$	36, 186 30, 140 95, 000	907,076 638,241 236,000	$\begin{array}{r} 433,801\\ 265,768\\ 13,661\end{array}$
Maryland. District of Columbia. Virginia.	35,700 30,391 35,930	29, 433 5, 112	48, 410	65,133 30,391 89,452	30,000 1,540
South Čentral Division: Louisiana.	25,387	28, 907		54,294	
North Central Division: Illinois.	31,944	6, 573	1,217	39,734	1,245
Western Division: California	20,000	3,000		23,000	•••••

TABLE 18.—Income of colleges for women, Division A.

.

# EDUCATION REPORT, 1905.

	L	Art.	1,935	152 724 702 341 16	2 22 121	127 138 143 176 140	87 139 126 38 38 38 38 10	31 224 224	16
	Number in-	.9isuM	10,029	$651\\4,013\\3,879\\1,392\\1,392\\94$	124 83 83 432	$318 \\ 832 \\ 815 \\ 815 \\ 772 \\ 1, 276$	$1, 183 \\ 573 \\ 764 \\ 566 \\ 573 \\ 573 \\ 573 \\ 70 \\ 70 \\ 70 \\ 70 \\ 70 \\ 70 \\ 70 \\ $	122 270 25 975	94
	Ñ	Pedagogy.	715	$^{32}_{23}$	6 26	$^{2}_{106}$	60 8 257 257 12	20 22 22	23
	stu- in-	Стеек.	363	62 45 198 14 14	49	24 4 33	000 53.6 <sup>2</sup> 0	25 5 13 13	14
	College stu- dents in-	.nits.I	5,675	$     \begin{array}{c}       582 \\       582 \\       2,441 \\       485 \\       66     \end{array} $	20 24 390	174 310 519 587 511	$^{379}_{1,051}$ $^{373}_{1,051}$ $^{373}_{185}$ $^{185}_{185}$	65 100 237 237	99
	urses	degrees. degrees.	223	$     \begin{array}{c}       24 \\       153 \\       44 \\       2     \end{array}   $	24	11 2 10 2 2 3 1 2 2 1 1 2 2 3 1 2 2 2 1 2 2 2 2	36 x	5	
	College students pursuing courses leading to-	B. S. degree.	1,004	312 204 470 16 2	288 0 24	88 5° ° 43 53	25 109 109 109 109 109	6 10	ମ
s.	its pur ding te	M. E. L. or B. L. degree.	903	$24 \\ 326 \\ 491 \\ 60 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ $	24	84 46 129 129	200123	25 35	6
Students.	studer lea	Рһ. В. degree.	115	10 63 42	10	28 35	15 13 14		_
ά	College	A. B. degree.	3, 191	${ \begin{smallmatrix} & 85 \\ & 85 \\ & 866 \\ & 294 \\ & 14 \\ & 14 \\ \end{smallmatrix} }$	12 73	116 85 472 804 804	82.892 82.985 825 825 825 825 825 825 825 825 825 8	190 60 44	. 14
	.2061	ni bətsubst0	1,552	203 553 205 585 585 585 585 585 585 585 585 585 5	80 44 55 23 80 44 55 23	48 87 117 122 179	79 152 31 31 32 33 31 32 31 32 31 32 32 32 32 32 32 32 32 32 32 32 32 32	37 49 113	ę
		.19dmun lstoT	20, 392	2,505 7,301 2,548 2,934 104	$126 \\ 626 \\ 719 \\ 1,034$	$ \substack{1,\ 301\\1,\ 636\\1,\ 420\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308\\2,\ 308$	$1, 355\\1, 549\\2, 333\\708\\130\\130$	$\begin{array}{c} 455\\ 435\\ 435\\ 383\\ 1,481\\ 180\end{array}$	104
		.91suberD	106	3023 <sup>9</sup> e	9	010041-00	0 2889576 0 2889576	4	
-		Collegiate.	11, 213	$1, 142 \\ 5, 177 \\ 3, 737 \\ 1, 090 \\ 67 \\ 67 \\ 67 \\ 67 \\ 67 \\ 67 \\ 67 \\ 6$	24 578 120 420	$^{290}_{917}$ $^{917}_{891}$ $^{891}_{1,893}$ $^{1,893}_{1,893}$	820 704 916 245 70 70	241 215 88 546	29
		Secondary.	5, 325	${}^{956}_{1,710}$	89 11 516 340	250 291 558 304	319 147 194 683 234 234 30	132 201 231 513	31
		Еlеплептагу.	1,263	100 364 701 6 6	7 83 10	34 81 82 81 83 81 83 81 83 81 81 81 81 81 81 81 81 81 81 81 81 81	85283955 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81528 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 81558 815	15	9
Professors	id ctors.	.пэто W	1,530	216 524 509 254 27	90238 6 90238	54 106 122 89 153	96 155 122 22 96 96 96	65 36 106 17	27
Profe	and instructors.	.пэМ	386	73 167 96 0	35 35 25 25	47 48 88 88 88 88 88 88 88 88 88 88 88 88	195512022	381234	0
·su	oitutit	sni to rədmuN	107	11 16 16 16 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 10 11 11	6221	<b>4</b> 0000	0220041	1.0153	1
		State.	United States.	North Atlantic Division. South Atlantic Division. South Central Division. North Central Division. Western Division.	North Atlantic Division: Maine Massachusetts New York South Atlanto Division	Maryland Virginia. North Carolina. South Carolina. South Carolina.	Kentucky Kentucky Alabama. Mississippi Louisiana. Texas Arkansas.	NUI DI CELILIAI DIVISIOII. Ohio. Illinois. Wisconsin. Missouri - Kansas.	Western Division: California

TABLE 19.—Professors and students in colleges for women, Division B.

564

State.	M.E.L.or B.L.	A. B.	B. S.	B. Mus.	B. Paint.	B. 0.	A. M.	L. I.	B. Di.	Ph. B.	M. S.	B. Acc's.	M. I
United States	306	466	69	143	41	11	21	2	4	7	2	7	1
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	$7 \\ 101 \\ 169 \\ 29 \\ \dots$	$     \begin{array}{r}       40 \\       233 \\       135 \\       58 \\                          $	$     \begin{array}{c}       2 \\       12 \\       52 \\       3 \\       \dots     \end{array}   $	9 59 57 17 1	$7 \\ 13 \\ 17 \\ 3 \\ 1$	6 5	2 7 7 5	2	4	6 1	2		1
North Atlantic Division: Pennsylvania South Atlantic Division:	7	40	2	9	7		2						
Maryland Virginia North Carolina South Carolina Georgia.	$     \begin{array}{r}       7 \\       16 \\       7 \\       31 \\       40 \\     \end{array} $	$     \begin{array}{r}       15 \\       15 \\       61 \\       58 \\       84 \\     \end{array} $	8   4	$     \begin{array}{r}       7 \\       4 \\       10 \\       2 \\       36     \end{array} $	6 3, 4	·····	$     \begin{array}{c}       2 \\       1 \\       1 \\       2 \\       1     \end{array} $	2	2	6		7	
South Central Division: Kentucky		40 24 19 37 8 4 3	10 6 8 14 7 7	$     18 \\     9 \\     14 \\     11 \\     \\     4 \\     1   $	2 4 3 7	6	4 3 			1			1
North Central Division: Ohio. Illinois. Wisconsin. Missouri. Western Division: California.	6 2 21	26 14 4 14	 	1 	  3 1	4	5			· · · · · · · · · · · · · · · · · · ·	2		

**TABLE 20.**—Degrees conferred by colleges for women, Division B.

TABLE 21.—Property of colleges for women, Division B.

	Libra	aries.	Value of	Value of	
State.	Volumes.	Value.	scientific apparatus.	grounds and build- ings.	Productive funds.
United States	278,995	\$301,401	\$263,144	\$12,230,979	\$3,041,418
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	$\begin{array}{r} 41,651\\84,800\\80,793\\64,051\\7,700\end{array}$	48,116 91,350 78,535 71,200 12,200	67,550 60,800 19,430 99,794 15,570	$\begin{array}{c} 2,902,047\\ 4,184,000\\ 2,668,000\\ 2,236,932\\ 240,000\end{array}$	$\begin{array}{r} 2,162,750\\ 206,137\\ 194,500\\ 478,031\\ 0\end{array}$
North Atlantic Division: Maine. Massachusetts. New York. Pennsylvania. South Atlantic Division:	3,000 7,140 10,911 20,600	2,000 8,164 13,352 24,600	1,00020,00011,85034,700	150,000 935,000 707,047 <b>1,</b> 110,000	$70,000 \\ 1,997,000 \\ 83,750 \\ 12,000$
Maryland Virginia. North Carolina. South Carolina. Georgia.	$14,000 \\ 14,500 \\ 17,600 \\ 12,200 \\ 26,500$	$17,000 \\ 15,500 \\ 19,950 \\ 15,100 \\ 23,800$	$7,500 \\ 4,300 \\ 14,200 \\ 3,700 \\ 31,100$	$1,005,000 \\ 502,000 \\ 833,000 \\ 629,000 \\ 1,215,000$	$\begin{array}{c} 30,000 \\ 10,000 \\ 62,000 \\ 13,000 \\ 91,137 \end{array}$
South Central Division: Kentucky Tennessee Alabama Mississippi Louisiana Texas.	$17,100 \\ 13,693 \\ 14,400 \\ 13,900 \\ 10,700 \\ 8,000$	$14,900 \\ 11,400 \\ 14,000 \\ 15,735 \\ 13,500 \\ 7,500$	5,850 4,150 3,800 3,020 950 1,650	$\begin{array}{r} 485,000\\ 420,000\\ 565,000\\ 723,000\\ 140,000\\ 280,000\end{array}$	12,000 156,500 26,000 0
Arkansas. North Central Division: Ohio. Illinois. Wisconsin. Missouri Kansas. Western Division:	3,000 23,407 3,500 6,044 29,100 2,000	$\begin{array}{c} 1,500\\ 42,000\\ 4,000\\ 6,000\\ 17,200\\ 2,000\end{array}$	$\begin{array}{r} 85,000\\ 4,500\\ 3,144\\ 5,650\\ 1,500\end{array}$	$55,000 \\ 647,500 \\ 300,000 \\ 304,432 \\ 635,000 \\ 350,000 \\ \end{array}$	$0 \\ 99,500 \\ 3,500 \\ 175,031 \\ 160,000 \\ 40,000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\ 1000 \\$
California	7,700	12,200	15,570	240,000	0

State.	Tuition and other fees.	From produc- tive funds.	State ap- propria- tions.	From other sources.	Total.	Bene- factions.
United States	\$2, 110, 323	\$136,042	\$83, 580	\$375,998	\$2,705,943	\$361, 508
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	$\begin{array}{r} 282, 642 \\ 759, 817 \\ 573, 643 \\ 452, 221 \\ 42, 000 \end{array}$	94,069 9,050 11,210 21,713 0	1,940 640 81,000	88,680 122,727 122,591 42,000	467, 331 892, 234 788, 444 515, 934 42, 000	8, 526 221, 614 14, 380 116, 988
North Atlantic Division: Maine. Massachusetts. New York. Pennsylvania.	4,500 73,633 99,633 104,876	1,500 86,599 5,970		1,00030,64027,04030,000	7, 500 190, 872 134, 083 134, 876	2,526 6,000
South Atlantic Division: Maryland. Virginia North Carolina South Carolina	95,800 131,980 175,510 131,251	1,800 780		50,000 250 5,710 23,400	$146,975 \\132,230 \\183,660 \\155,431$	5, 200 150 35, 000 102, 500
Georgia South Central Division: Kentucky Tennessee Alabama Wiscieringi	98, 325 138, 600 88, 857	· ·		43, 367 1, 000 36, 000 60, 500 23, 500	273, 938 99, 325 174, 600 149, 857 247, 202	78, 764 8, 000 3, 500
Mississippi Louisiane. Texas. Arkansas. North Central Division: Ohio.	$ \begin{array}{r} 133,392\\ 26,345\\ 76,624\\ 11,500\\ 107,196 \end{array} $		0	23, 500 591 1, 000 0	247,302 28,236 77,624 11,500 111,093	2,880
Illinois Wisconsin Missouri Kansas Western Division:	78,000	100 10, 466 5, 450 1, 800	0	22,000 6,000 14,000	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	17,734 19,000 12,684 7,550
California	42,000	0	0	0	42,000	

### TABLE 22.—Income of colleges for women, Division B.

		Pro	fesso	rsan	d ins	truct	ors.				Stu	iden	ts.		-		-
State or Territory.	of institutions.	Prep ato dep mei	ory art-	Colle at depa men	e irt-	Tot num)		Prepator		Colleg	iate.	G1 Res der	si-	No re: dei	n- si-	Tot num	
	Number o	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.
United States	44	121	38	1,639	127	1,711	154	3, 204	664	14, 730	1,155	181	44	9	0	21,541	2, 476
N. Atlantic Division S. Atlantic Division S. Central Division N. Central Division Western Division	10 9 5 11 9	$     \begin{array}{c}       4 \\       17 \\       47     \end{array} $	$     \begin{array}{r}       4 \\       0 \\       3 \\       14 \\       17     \end{array} $	138	15 0 4 68 40	$     \begin{array}{r}       165 \\       499     \end{array} $	$     \begin{array}{r}       15 \\       0 \\       7 \\       80 \\       52     \end{array} $	58 205 818 1, 418 705	$     \begin{array}{r}       14 \\       0 \\       70 \\       343 \\       237     \end{array} $	3,738 1,334	78 0 81 681 315	$47 \\ 32 \\ 23 \\ 56 \\ 23$	0 30	07	0 0 0 0 0	2,583	$     \begin{array}{r}       115 \\       0 \\       241 \\       1, 234 \\       886     \end{array} $
N. Atlantic Division: New Hampshire Massachusetts Rhode Island Connecticut. New York New Jersey. S. Atlantic Division:		7	0 4 0	$     \begin{array}{r}       251 \\       18 \\       20 \\       113     \end{array} $	0 2 7 4 2 0	251 19 20 115	0 2 7 4 2 0		0 0 14 0	101 887		0 47 0 0 0 0	1 0 0 0	000000000000000000000000000000000000000	0 0 0 0	101 898	39 31 22 16
S. Atlantic Division: Maryland Virginia North Carolina Georgia S. Central Division:	$     \begin{array}{c}       2 \\       2 \\       2 \\       2 \\       1     \end{array} $	2	0	79 46	0	79 46 53	0 0 0 0 0	0	0 0 0	954 601	0 0 0 0		0	20	000	$1,017 \\ 607$	0
Alabama. Mississippi. Texas. Oklahoma N. Central Divisjon:		0		32		57 44	0 3 0 4		0 70 0	457	9 0	ĩ	0	0	0	1,259 414	0
Ohio . Indiana Illinois Michigan. Iowa. North Dakota. South Dakota. Kansas.	$     \begin{array}{c}       1 \\       2 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       2 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\       1 \\     $	0 15  23 8	0 4  4 2	123 55 85 79 23 36	0 15 26 2 5	123 60 85 79 29 39	$     \begin{array}{c}       0 \\       5 \\       4 \\       15 \\       26 \\       4 \\       7 \\       19 \\     \end{array} $	0 293 151 258 151 189	$\begin{array}{c} 0\\ 0\\ 0\\ 27\\ 33\\ 96\\ 63\\ 124 \end{array}$	1, 571 594 717 758 48 157	42 0 175 125 31 54	$     \begin{array}{c}       1 \\       3 \\       13 \\       5 \\       6     \end{array} $	6 0 5 0 3		0 0 0 0 0 0	1,684 1,419 1,028 1,774 572 468	
Western Division: Montana Colorado New Mexico Utah. Washington Oregon	2 2 2 1 1 1	11 5 12	3	50 30 43	4 6 15 2	57 35 43 48	7	160 151 31 256	38 6 121	433 79 106 216	46 6 37 57	2 7 2 4			000000000000000000000000000000000000000	710 267 530 610	86 79 186 183

### TABLE 23.—Professors and students in schools of technology.

<sup>c</sup> technology.
of
n schools
in
courses i
various
s pursuing various courses in school
L.—Students
TABLE 24

							,		
Ì			JTL.	336	30 38 268	30			31
			.9isu <b>M</b>	704	390 314				15 72 53 250
	 	drill.	Wilitary	9,666	1,218 3,286 1,559 1,929 1,674	121 479 90 81 81	973 994 502 817	477 668 414	637 600 600 107 320
	Students in	ness rse.	.nomoW	146	2 296 296	5	0	0	23 6
	Stuc	Business course.	.nsM	518	$^{181}_{230}$	e .	22	167	44
		gogy.	.nomoW	8	2 20 11	5		0	11
		Pedagogy	Men.	65	1 48 148 2	1		88 88	12
			.nits.I	287	$^{+}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}_{-}^{-}$	7	15 31	110 10 65	25 25
		••	Commere	100	100			1	
			f 9 s u o H	636	29 37 429 141	13 16		37	$\begin{smallmatrix} 112\\68\\68\\7\\7\\232\end{smallmatrix}$
			yıstins2 ni199n	33	22	22			
		•əın	A rehiteed	98	41 52 5	41			37 37 11
			СепегаI Белегал Геогіл	18	18				
1	its in-		э эlitxэT пітээл	138	107 31		14 23 20	22 9	
	College students in-	engi- g.	Aining Airing	. 910	$     \begin{array}{c}       77 \\       5 \\       353 \\       353 \\       458 \\       458 \\     \end{array} $	77	**	17	56 226 24
	ollege	-iZu9 .St	ІвэітэдО пітээп	267	74 44 36 113	9 54 11	28 16	36	46 53 53
	C		Electrica gineeri	2,144	$\begin{array}{c} 228\\ 425\\ 1,196\\ 76\end{array}$	$\begin{array}{c} 17\\176\\6\\6\end{array}$	206 59	78 70 71	103 515 216 176 151
			gnə livi9 .yni	2,029	544 407 177 816 85	175 175 4 361	24 179 84 50	$^{35}_{129}$	72 421 122 199 2
			oinsdooM gineari	2, 833	$^{608}_{1,166}$	207 8 4 4 1	384 157 112 157 160	32.408 32.408	143 427 122 985 985 985 123 985 123 985 123
		re.	Agricultu	1,782	309 370 368 584 151	42 184 1 82	20 103 189	25 98 19 19	76 152 168 168 162
		.eft	Liberal a	815	$\begin{array}{c} 33\\115\\101\\401\\165\end{array}$	12029	61 54	37 64	106 54 25 120
		State on Territour	. (10)1111 10 2020	United States.	North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	North Atlantic Division: New Hampshire. Masseobusetts. Rhode Island. Connectiout. New York.	South Atlantic Division: Maryland. Virgina. North Carolina. South Carolina.	South Contral Division: Alabama Mississippi Texas Oklahoma	North Central Division: Ohio Indiana. Illinois. Michigan North Dakota. South Dakota. South Dakota.

EDUCATION REPORT, 1905.

568

6	-		178	:		1
56		31	x	106	113	
135	295	125	268	375	476	
27	19	15	52	13		_
36	21	15	102	56		
9			4			
0			0			
4		9	.0	4		
			18		8	
31	5	ŝ	13	4	8	
	•					
	5			0		
	15			ŝ		
52	300	40		21	45	-
				0		_
15	17			23	21	
13	34			8		
33	14	18	36	26	125	
21	18	10	14	21	29	
000		12	21	94		
Vestern Division: Montana	Colorado	New Mexico	Utah	Washington.	Oregon	

				-	C	)n r	nen							w	On ome	n.			н	on	or	ar	<b>y</b> .		_
State or Territory.	A. B.	B. S.	B. Agri.	B. S. A.	B. C. E.	B. E.	C. E.	M. E.	E. E.	E. M.	M. S.	A. M.	B. M. E.	A. B.	B. S.	M. S.	LL. D.	A. M.	M. S.		C. E.	E. M.	M. S. A.		D. Engr.
United States	- 3	1,306	11	44	31	27	51	75	20	96	44	$^{2}$	21	2	148	4	1	1	6	. 1	2	1	5	3	4
North Atlantic Division. South Atlantic Division. South Central Division North Central Division Western Division	$\frac{1}{2}$	$340 \\ 190 \\ 147 \\ 563 \\ 66$	· 11	 	 31	27	34 9 	1	. 8 12	···; 1	$     \begin{array}{r}       19 \\       2 \\       10 \\       9 \\       4     \end{array} $	1	 21	  2	6 7 110 25			7 1	4	  1	··· ··· 2	  1		  3	3
North Atlantic Division: New Hampshire Massachusetts Rhode Island Connecticut. New York New Jersey South Atlantic Division: Maryland		$     \begin{array}{r}       17 \\       309 \\       2 \\       1 \\       11 \\       \dots \\       12     \end{array} $		···· ····	····	····	  	····	8	 	19 		····		2	· · · · · · · · · · · · · · · · · · ·			4		··· ···	· · · · · · ·	   	· · · · · ·	   3
Virginia. North Carolina South Carolina Georgia. South Central Division:	···· ····	83 8 58 29				27	9	11  	 	 	1 			 								 	  	•••	 
Alabama. Mississippi Texas. Oklahoma North Central Division:		49 43 39 16		 		····		 	 	1	10 	  	 	  	2 1 4	 		  		· · · · · ·	  		 	  	 
Ohio. Indiana. Illinois Michigan. Iowa. North Dakota South Dakota Kansas. Western Division:				44	31	· · · · · · · · · · · · · · · · · · ·	5 3  		3		3 1  4 1		21	· · · · · · · · · · · · · · · · · · ·	23					   	  2	· · · · · · · · · · ·	··· ··· ···	··· 1 2 ···	1
Montana. Colorado. New Mexico. Utah. Washington. Oregon.		3 5 13 11 34		· · · · · · · · · · ·			····	· · · · · · · · · · · ·		9 49 				  2			  1		2		  	  		•••	· · · · · · · · · · · · · · · · · · ·

### TABLE 25.—Degrees conferred by schools of technology.

	fel-	o f s.		Libraries		Value of		
State or Territory.	Number of lowships.	N u m b e r ( scholarships	Volumes.	Pam- phlets.	Value.	Value of scientific appara- tus and ma- chinery.	Value of grounds and build- ings.	Produc- tive funds.
United States	22	984	587,236	203,846	\$1,091,821	\$5,017,191	\$30, 461, 900	\$14, 977, 133
North Atlantic Division South Atlantic Division South Central Division North Central Division Western Division	2	$73 \\ 759 \\ 24 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ 128 \\ $	$197,587 \\97,055 \\48,277 \\160,683 \\83,634$	$54,228\\22,408\\41,427\\34,354\\51,429$	$\begin{array}{r} 437,086\\178,893\\94,035\\258,279\\123,528\end{array}$	$967, 963 \\857, 255 \\495, 081 \\2, 143, 374 \\553, 518$	$\begin{array}{c}9,790,043\\12,790,381\\1,374,306\\4,800,972\\1,706,198\end{array}$	5,740,406761,851912,1597,055,458 $507,259$
North Atlantic Division: New Hampshire Massachusetts Rhode Island Connecticut. New York. New Jersey. South Atlantic Division:	1  0	73	$\begin{array}{r} & 11,708 \\ 103,864 \\ 12,550 \\ 10,266 \\ 49,199 \\ 10,000 \end{array}$	6, 620 24, 558 5, 000 1, 000 17, 050	$\begin{array}{c} 14,000\\ 186,700\\ 16,969\\ 21,009\\ 180,417\\ 18,000 \end{array}$	49, 800 601, 570 97, 865 48, 100 105, 628 65, 000	$\begin{array}{r} 227,500\\ 2,366,962\\ 166,222\\ 138,400\\ 6,402,959\\ 488,000\end{array}$	$\begin{array}{r} 150,000\\ 3,764,191\\ 50,000\\ 135,000\\ 775,170\\ 866,045\end{array}$
Maryland Virginia North Carolina South Carolina Georgia South Central Division:		$27 \\ 404 \\ 120 \\ 198 \\ 10$	50, 969 19, 089 5, 617 18, 380 3, 000	$\begin{array}{c} 4,000\\ 9,183\\ 2,000\\ 6,225\\ 1,000\end{array}$	$106,000 \\ 37,649 \\ 8,687 \\ 23,057 \\ 3,500$	$\begin{array}{c} 250,000\\ 204,164\\ 93,400\\ 209,691\\ 100,000 \end{array}$	$\begin{array}{c} 10,700,000\\ 679,702\\ 388,050\\ 522,629\\ 500,000 \end{array}$	118,000364,412125,000154,4390
Alabama Mississippi Texas Oklahoma North Central Division:	5		$\begin{array}{r} \cdot 19,077 \\ 14,051 \\ 5,000 \\ 10,149 \end{array}$	2,000 13,427 6,000 20,000	37,598 20,197 15,242 20,998	$\begin{array}{r} 61,339\\244,779\\109,500\\79,463\end{array}$	$\begin{array}{c} 158,200\\ 545,531\\ 550,000\\ 120,575\end{array}$	253, 500 449, 659 209, 000
Ohio Indiana. Illinois. Michigan. Iowa North Dakota. South Dakota. Kansas.	0 0		$\begin{array}{c} 5,000\\ 24,900\\ 17,441\\ 45,672\\ 18,324\\ 9,000\\ 10,888\\ 29,458\end{array}$	6, 500 2, 200 8, 929 3, 500 875 11, 850 500	$\begin{array}{c} 10,000\\ 42,000\\ 30,800\\ 45,267\\ 55,000\\ 18,202\\ 8,475\\ 48,535\end{array}$	$\begin{array}{c} 150,000\\ 295,000\\ 500,000\\ 573,821\\ 305,967\\ 35,046\\ 58,000\\ 225,540\\ \end{array}$	$\begin{array}{c} 566,000\\ 905,900\\ 650,000\\ 675,568\\ 993,098\\ 248,757\\ 318,000\\ 443,649\end{array}$	2,000,000 940,000 1,500,000 966,254 683,709 473,114 492,381
Western Division: Montana. Colorado. New Mexico. Utah. Washington. Oregon.	 3 0 0	92 0 36	11,29525,63915,00013,50010,2008,000	9, 129 6, 500 10, 000 13, 000 2, 800 10, 000	$18,800 \\ 45,516 \\ 25,750 \\ 10,962 \\ 22,500 \\ \ldots$	$121,000\\184,004\\49,000\\76,514\\95,500\\27,500$	$\begin{array}{c} 280,000\\ 533,134\\ 133,000\\ 289,064\\ 280,000\\ 191,000 \end{array}$	23,070 97,091 166,320 27,000 193,778

TABLE 26.—Property of schools of technology.

				Income				
State or Territory.	Tuition	From	State or ci priat		Technick	Trans		Bene- fac-
State of Territory.	and other fees.	produc- tive funds.	Current expenses.	Building or other special purposes.	Federal appropri- ations.	From other sources.	Total.	tions.
United States	\$932,647	\$680, 709	\$1,445,743	\$849,105	\$1,849,962	\$477,148	\$6,235,314	\$606,025
N. Atlantic Division S. Atlantic Division S. Central Division N. Central Division Western Division	492,770 130,988 7,671 260,125 41,093	205,57544,44476,082316,32638,282	$\begin{array}{r} 124,150\\ 296,570\\ 173,973\\ 547,976\\ 303,074 \end{array}$	32,800 144,750 78,133 506,923 86,499	762, 362 467, 275 140, 325 240, 000 240, 000	164,008 71,800 53,070 133,793 54,477	$1,781,665 \\1,155,827 \\529,254 \\2,005,143 \\763,425$	$519,675 \\10,000 \\250 \\15,500 \\60,600$
N. Atlantic Division. New Hampshire Rhode Island Connecticut New York. New Jersey S. Atlantic Division: Maryland. Virginia.		8,280 126,005 2,500 7,050 22,660 39,080 5,817 21,861	10, 500 74, 650 19, 000 20, 000	3,500 27,500 1,800 57,000 82,500	40,000 40,000 40,000 32,500 609,862 	32,962 27,265 4,000 31,192 55,904 12,685 12,567 13,825	$\begin{array}{r} 93,527\\625,272\\93,000\\92,558\\765,605\\111,703\\475,128\\262,822\end{array}$	115,803 348,372 55,500
North Carolina South Carolina Georgia S. Central Division:	18,946 21,437 20,000	7,500 9,266	27,500 145,070 50,000	3,750 1,500	40,000 27,500	7,446 35,462 2,500	105,142 240,235 72,500	10,000
Alabama Mississippi Texas Oklahoma N. Central Division:	900 3,557 2,065 1,149	20,280 26,980 14,280 14,542	$\begin{array}{c} 23,945 \\ 73,946 \\ 60,000 \\ 16,082 \end{array}$	1,500 24,889 50,000 1,744	29,075 40,000 33,750 37,500	7,339 37,265 8,466	83,039 206,637 160,095 79,483	0 250
Ohio Indiana. Illinois. Michigan. Iowa North Dakota South Dakota. Kansas.	40, 400 62, 297 70,000 37, 249 28, 582 4, 307 7, 484 9, 806	90,000 47,482 25,000 69,723 35,265 10,846 12,362 25,648	149,628 154,450 110,000 31,398 52,500 50,000	71, 543 57, 100 241, 500 95, 400 41, 380	40,000 40,000 40,000 40,000 40,000 40,000	$\begin{array}{c} 20,472\\ 50,000\\ 43,485\\ 5,865\\ 4,696\\ 9,275\end{array}$	$\begin{array}{c} 130,400\\ 391,422\\ 145,000\\ 402,007\\ 461,212\\ 186,647\\ 121,621\\ 166,834 \end{array}$	500 
Western Division: Montana. Colorado. New Mexico. Utah. Washington. Oregon	$\begin{array}{c c} 26,122 \\ 1,651 \\ 5,027 \end{array}$	9, 420 6, 162 7, 395 5, 000 10, 305	46, 250 142, 967 27, 542 31, 315 55, 000	6,000 30,000 12,999 12,500 25,000	$\begin{array}{c} 40,000\\ 40,000\\ 40,000\\ 40,000\\ 40,000\\ 40,000\\ 40,000\end{array}$	$\begin{array}{r} 4,925\\17,722\\2,989\\10,313\\16,403\\2,125\end{array}$	$110, 169 \\ 262, 973 \\ 72, 182 \\ 107, 049 \\ 132, 110 \\ 78, 942$	60,000 200 400 0

	ĮNO				ates	enat	the	cour	se is	оце	rea.						
Institution.	Agriculture.	Architecture.	Civil engineer- ing.	Chemical en- gineering.	Electrical en- gineering.	Irrigation en- gineering.	Mecha n i c a l engineering.	Metallurgical engineering.	Mining engi- neering.	Marine engi- neering.	Sanitary engi- neering.	Naval archi- tecture.	Forestry.	Horticulture.	Textile engi- neering.	Railway engi- necring.	Ceramics.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
ALABAMA.												-	-				_
Alabama Polytechnic In- stitute. Agricultural and Mechan- ical College for Negroes University of Alabama	××		×		×		$\times$ $a \times$		×					 			
ARIZONA.																	
University of Arizona	$\times$		×				×		×						• • • •		
ARKANSAS.												1.					
University of Arkansas	×		×	×	×		×		×					×			
CALIFORNIA.																	
University of California St. Mary's College Throop Polytechnic Insti-	×	×	××	×		×	×	×	××		×					×	
tute. Leland Stanford Junior University.			 ×	 ×	××		 ×		 ×	••••							
COLORADO.																	
University of Colorado Colorado College Colorado Agricultural Col- lege.	 ×	 	× × b×	×	××××	<i>⊳</i> ×	×  ×							····· ·····	· · · · ·		
Colorado School of Mines								×	×								
CONNECTICUT. Trinity College Yale University. Connecticut Agricultural College	 ×		× ×		·	 	- <u>×</u>	 	×	 	×		×			·	
DELAWARE.																	
State College for Colored Students Delaware College	××		××		 ×		 ×		 						 		
DISTRICT OF COLUMBIA. Catholic University of America. George Washington Uni- versity. Gallaudet College.		 ×	×××	×	××		××										
FLORIDA. John B. Stetson University . University of Florida		•	××		××		××							 ×			
GEORGIA. University of Georgia Georgia School of Tech- nology	×		××	 ×	××		 ×								 ×		
North Georgia Agricultural College Clark University	××																
IDAHO. University of Idaho	×		×		×		×		×								
a Mechani	icai o						0(	lomt	meç	(	ne e	ours					

TABLE 28.—Technical courses of study offered by universities, colleges, and schools of tech-	
nology.	

[NOTE.— $\times$  indicates that the course is offered.]

ED 1905-VOL 1-40

Institution.	Agriculture.	Architecture.	Civil engineer- ing.	Chemical en- gineering.	Electrical en- gineering.	Irrigation en- gineering.	Mechan i c a l engineering.	Metallurgical engineering.	Mining engi- neering.	Marine engi- neering.	Sanitary engi- neering.	Naval archi- tecture.	Forestry.	Horticulture.	Textile engi- neering.	Railway engi- neering.	Ceramics.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
ILLINOIS.																	
University of Illinois Armour Institute of Tech-	×	×	×	×	×		×				×	·				×	×
nology. James Millikin University		×	××	×	××		××				×					×	· · · · ·
INDIANA.																	
Purdue University University of Notre Dame Earlham College Rose Polytechnic Institute	×	×	××××	  	×××		×××	 			×	  	 	 	 	 	
IOWA.																	
Iowa State College of Ag- riculture and Mechanic Arts. University of Iowa. Cornell College.	×		×××	 	××	 	××	 	××		×		×	×		·····	×
KANSAS.																	
University of Kansas Kansas State Agricultural College	 ×	 ×	×	×	× ×		× ×		×								••••
KENTUCKY.																	
Berea College Agricultural and Mechan-	×																
ical College of Kentucky	×		×	••••	$a \times$		aΧ		×				••••		••••		••••
LOUISIANA.																	
Louisiana State University. Tulane University of Lou- isiana.	×	····· ×	××	$_{p\times}$	×		××				••••						
MAINE.																	
University of Maine	×		×		×		×		×				×	×			
MARYLAND.																	
St. John's College Maryland Agricultural Col-					••••		×										
lege	×		×				×										••••
MASSACHUSETTS.																	
Massachusetts Agricultural College	×													×			
Massachusetts Institute of Technology		××	X	×	x		Χ.		××	, 	×	×	• • • • •				
Harvard University Tufts College	×	×	XXX	·	×××		×́××́		×					× 			
Worcester Polytechnic In- stitute			×	×	×		×										
MICHIGAN.																	
Michigan Agricultural Col- lege University of Michigan Michigan College of Mines	×		××	×	×		××		  X	×	· · · · ·	×	××	 			
MINNESOTA.																	
University of Minnesota	×		×		×		x	×	x				×			×	
a Combined	in or	neco	urse						b St	ıgar	engi	neeri	ng.				

# TABLE 28.—Technical courses of study offered by universities, colleges, and schools of technology—Continued.

[NOTE.— $\times$  indicates that the course is offered.]

574

 TABLE 28.—Technical courses of study offered by universities, colleges, and schools of technology—Gontinued.

Institution.	Agriculture.	Architecture.	Civil engineer- ing.	Che							ŝ	Na	Forestry.	Horticulture.	Textile engi- neering.	Railwayengi- neering	Ceramics.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
MISSISSIPPI.																	
Mississippi Agricultural and Mcchanical College University of Mississippi Alcorn Agricultural and Mechanical College	× ×		××	· · · · · ·	<sup>a</sup> × ×	 	<sup>a</sup> ×		× ×					×	×		
MISSOURI.																	
University of Missouri Christian Brothers College Washington University	×	×××	×××	× ····	× ····	 	× ····	× 	× 		×	• • • • •			• • • • • • • • • •	  	
MONTANA.																	
Montana College of Agricul- ture and Mechanic Arts Montana School of Mines University of Montana	×	 	×		××	· · · · ·	× ····		×		 				 		 
NEBRASKA.			}														
University of Nebraska	×		X	X	×		X		×				×	×			
NEVADA.																	
Nevada State University	×		×				×		×				ĺ				
NEW HAMPSHIRE.																	
New Hampshire College of Agriculture and Me- chanic Arts Dartmouth College	×		×		×		×										
NEW JERSEY.																	
Stevens Institute of Tech- nology Rutgers College. Princeton University	×		×××		××		× 			 	 	 					×
NEW MEXICO.																	
New Mexico College of Ag- riculture and Mechanic Arts. New Mexico School of Mines.	×		 X				×	   ×	 ×								
NEW YORK.																	
Alfred University. Polytechnic Institute of Brooklyn Cornell University. College of the City of New	 	 	 × ×		   X   X		 × ×			 	 	   X			· · · · ·	 	×
York. Columbia University. Manhattan College. New York University. Clarkson School of Tech-		.×	XXX	×	×		××	×	×	×	×	×		  		×	
nology. Union University. Syracuse University. Rensselaer Polytechnic In- stitute.			××× ×	×	×××		×				×						

[NOTE.— $\times$  indicates that the course is offered.]

a Combined in one course.

TABLE 28.—Technical courses of study offered by universities, colleges, and schools of tech- nology—Continued.
-------------------------------------------------------------------------------------------------------------------

[Note.— $\times$  indicates that the course is offered.]

Institution.	Agriculture.	Architecture.	Civilengineer- ing.	Chemical en- gineering.	Electrical en- gineering.	Irrigation en- gineering.	Mechan i c a l engincering.	Metallurgical engineering.	Mining engi- neering.	Marine engi- neering.	Sanitary engi- neering.	Naval archi- čecture.	Forestry.	Horticulture.	Textile engi- neering.	Railway engi- neering.	Ceramics.
1	2	3	4	5	6	7	S	9	10	11	12	13	14	15	16	17	18
NORTH CAROLINA.																	
University of North Caro- lina North Carolina College of Agriculture and Me- chanic Arts	 ×		××	 ×	× ×		 ×		× ×	····	 	····		••••	 ×		••••
NORTH DAKOTA.																	
North Dakota Agricultural College University of North Dakota	×	 		····			××		 					 			
OHIO.																· I	
Ohio University University of Cincinnati Case School of Applied	 	 	××	·	××		 X					····	····				
Science. Ohio State University	·	××	××	××	××		××		××				aX.	aX.			×.
OKLAHOMA.																	
University of Oklahoma Oklahoma Agricultural and Mechanical College Colored Agricultural and	 ×		× ×		×		× ×	····	×	····			····	 . <i>.</i>			•••••
Normal University	×	×			$a \times$		$a \times$										••••
OREGON.																	
Oregon Agricultural Col- lege University of Oregon	×				××		×		××		×	····					
PENNSYLVANIA.																	
Western University of Pennsylvania Pennsylvania Military Col-			×		×		×		×								
lege Lafayette College Grove City College Haverford College			××××		× × ×		 × ×		×								
Bucknell University Allegheny College			XXXXXXXX		×												
Temple College. University of Pennsylvania.		×	××	×									e				
Pennsylvania State College	·		X	X X X	XXXXX		XXXX	××	XX	×							
Villanova College					××		×										••••
College			X											••••		••••	••••
RHODE ISLAND.							-										
Rhodc Island College of Agriculture and Me- chanic Arts Brown University	×		b× ×		××		××										 
SOUTH CAROLINA.																	
College of Charleston Clemson Agricultural Col- lege.	   ×		   X		 a×		$\times$	   ×							   ×		
South Carolina College Newberry College			X		$\stackrel{a \times}{\times}$		×	l		l							

a Combined in one course.

b Highway engineering.

TABLE 28.—Technical courses of study offered by universities, colleges, and schools of technology—Continued.	TABLE	28.—Technical cou	rses of study offered nology—Co	<i>by universities</i> , intinued.	colleges,	and schools of	tech-
--------------------------------------------------------------------------------------------------------------	-------	-------------------	------------------------------------	---------------------------------------	-----------	----------------	-------

Institution.	Agriculture.	Architecture.	Civil engineer- ing.	Chemical en- gineering.	Electrical en- gineering.	Irrigation en- gineering.	Mechan i c a l engineering.	Metallurgical engineering.	Mining engi- neering.	Marine engi- neering.	Sanitary engi- neering.	Naval archi- tecture.	Forestry.	Horticulture.	Textile engi- neering.	Railway engi- neering.	Ceramics.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
SOUTH DAKOTA.						_				1							-
South Dakota Agricultural College State School of Mines University of South Dakota.	×		$\frac{a \times}{\times}$		×	 	× ····	 	×			· · · · ·		×			
TENNESSEE.																	
Knoxville College University of Tennessee Cumberland University Vanderbilt University University of the South Washington College				×	×	· · · · · · · · · · · · · · · · · · ·	× × ×	· · · · · · · · · · · · · · · · · · ·	× ×	· · · · · · · · · · · · · · · · · · ·	  	····	· · · · · · · · · · · · · · · · · · ·	  		· · · · ·	· · · · · · · · · · · · · · · · · · ·
TEXAS.																	
University of Texas Agricultural and Mechan- ical College of Texas	 ×	•×	××		××		 ×		×		×				 ×		
UTAH.																	
Brigham Young College Agricultural College of Utah University of Utah	 ×		× × ×	  	  		 × ×		  X					····			· · · · ·
VERMONT.																	
University of Vermont Norwich University	×		××		×	 	×							 		 	· · · · ·
VIRGINIA.																	
Virginia Agricultural and Mechanical College University of Virginia Hampden-Sidney College Washington and Lee Uni-	× ×	 	×	 	××	 	× ×	 		 	 	 		×			
Virginia Military Institute			×		·				×							••••	· · · · ·
WASHINGTON.																	
Washington Agricultural College University of Washington	×		××	 ×	××		××	 ×	××		   			×		••••	
WEST VIRGINIA.		1															
West Virginia University	×		×		×		×		×								
WISCONSIN.																	
University of Wisconsin	×		×	×	×		×				×						
WYOMING.																	
University of Wyoming	×					×	×		×								

[NOTE.— $\times$  indicates that the course is offered.]

a Civil and agricultural engineering. b Architectural engineering.

TABLE 29.—Statistics of universities and

							ors a	
	Location.	Name.	Religious or non- sectarian control.	Year of first open- ing.	at dep	par- ory art- ent.	Coll at dep: me:	art-
				mg.	Men.	Women.	Men.	Women.
	1	2	3	4	5	6	7	8
	ALABAMA.							
$     \begin{array}{c}       1 \\       2 \\       3 \\       4 \\       5     \end{array} $	East Lake Greensboro St. Bernard Springhill University	Howard College Southern University St. Bernard College Spring Hill College University of Alabama	Bapt M. E. So R. C R. C State	1841 1859 1892 1830 1831	3 3 5 5 0	0 0 0 0 0	7 7 23 17 23	$     \begin{array}{c}       0 \\       0 \\       0 \\       2     \end{array}   $
	ARIZONA.							
6	ARKANSAS.	University of Arizona	Territory	1891	6	3	16	1
7 8 9 10 11 12 13	Arkadelphiado do Batesville. Clarksville. Conway. Fayetteville. Little Rock.	Henderson College Onachita College Arkansas College Arkansas Cumberland College Hendrix College. University of Arkansas. Philander Smith College.	M. E. So Bapt Presb Cumb. Presb M. E. So State M. E.	1890 1886 1872 1891 1884 1872 1877	$1 \\ 4 \\ 5 \\ 4 \\ 3 \\ 11 \\ 3$	2 2 1 6 0 7 2	3 6 3 6 27 5	8 0 5 0 1 2
$14 \\ 15 \\ 16 \\ 17 \\ 18 \\ 19 \\ 20 \\ 21 \\ 22 \\ 23 \\ 24 \\ 25$	CALIFORNIA. Berkeley Claremont Los Angeles do Oakland Pasadena San Francisco Santa Clara Stanford University. COLOBADO.	University of California. Pomona College Occidental College St. Vincent's College * University of Southern California. California College St. Mary's College Throop Polytechnic Institute St. Ignatius College. University of the Pacific Santa Clara College Leland Stanford Junior University.	State Cong Presb. R. C Bapt R. C Nonsect Nonsect Nonsect	1869 1888 1888 1865 1880 1870 1863 1891 1855 1851 1851 1891	$\begin{array}{c} 0\\ 3\\ 7\\ 9\\ 12\\ 2\\ 11\\ 12\\ 8\\ 7\\ 3\\ 0\\ \end{array}$	0 4 6 0 9 4 0 10 0 4 0 0	$\begin{array}{c} 164\\ 11\\ 12\\ 11\\ 17\\ 2\\ 13\\ 5\\ 22\\ 7\\ 27\\ 111\\ \end{array}$	$     \begin{array}{c}       1 \\       2 \\       4 \\       0 \\       10 \\       3 \\       0 \\       1 \\       0 \\       1 \\       0 \\       5 \\       \end{array} $
26 27 28 29	Colorado Springs Denver University Park	University of Colorado Colorado College. College of the Sacred Heart University of Denver	State Nonsect R. C M. E	1877 1874 1876 1864	7 10 8 4	7 4 0 1	$50 \\ 36 \\ 7 \\ 20$	9 8 0 5
$30 \\ 31 \\ 32$	Hartford Middletown New Haven	Trinity College. Wesleyan University. Yale University.	P. E M. E Nonsect	1824 1831 1701	0 0 0	0 0 0	$20 \\ 31 \\ 234$	0 2 0
	DELAWARE.						ī	
$33 \\ 34$	Dover Newark	State College for Colored Students Delaware College	State	$\begin{array}{c}1892\\1834\end{array}$	4 0	1 0	4 20	2 0
·	DIST. OF COLUMBIA.							
35 36 37 38 39 40 41	Washington do do do do do do do do	Catholic University of America Gallaudet College- Georgetown University George Washington University Gonzaga College- Howard University. St. John's College	National	1889 1864 1789 1821 1821 1867 1867 1870	0 5 18 0 2 3 7	0 3 0 0 0 3 0	18 12 20 67 7 7 6	0 3 0 0 0 1 0

\* Statistics of 1903-4.

colleges for men and for both sexes.

Ī	P		ors an ictors.	d			-		8	stude	nts.					3	
	Pro sion depa	nal	To num (exclu	iber	Prepa tor depa	ry	Colle depar	giate tment.		duate mer	depa nt. Nor		Profesion depa	al	To num (excl	tal iber uding	
	mêr	nts.	duplic	ates).	me	nt.			Resi	dent.		ent.	mên	ts.	duplic	Cates).	
	Men.	W omen.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	W omen.	
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
	0 0 5 3 27	0 0 0 0 0	$     \begin{array}{c}       10 \\       10 \\       28 \\       25 \\       40     \end{array} $		$40 \\ 20 \\ 12 \\ 75 \\ 0$	0 8 0 0 0	$136 \\ 124 \\ 45 \\ 130 \\ 211$	0 7 0 52	0 0 0 19 5	0 0 0 1	0 0 0 0 0	0 0 0 0 0	$0 \\ 0 \\ 22 \\ 2 \\ 217$	0 0 0 0 0	$176 \\ 144 \\ 134 \\ 226 \\ 421$	$\begin{array}{c} 0 \\ 15 \\ 0 \\ 0 \\ 52 \end{array}$	$     \begin{array}{c}       1 \\       2 \\       3 \\       4 \\       5     \end{array} $
	0	0	22	4	85	70	21	12	4	2	0	0	0	0	110	84	6
	$\begin{array}{c} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 40 \\ 1 \end{array}$	0 0 0 0 0 0 0		$     \begin{array}{c}       10 \\       2 \\       1 \\       6 \\       0 \\       8 \\       3     \end{array} $	$32 \\ 110 \\ 51 \\ 46 \\ 126 \\ 287 \\ 27 $	$90 \\ 133 \\ 30 \\ 81 \\ 10 \\ 116 \\ 11$	$18 \\ 138 \\ 26 \\ 13 \\ 36 \\ 331 \\ 15$	$50 \\ 88 \\ 17 \\ 10 \\ 5 \\ 69 \\ 8$			0 0 0 0 3 0	0 0 0 0 0 0 0	$\begin{array}{c} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 254 \\ 18 \end{array}$	0 0 0 0 0 0 0	50 248 77 59 162 893 60	$140 \\ 221 \\ 47 \\ 91 \\ 15 \\ 186 \\ 19$	7 8 9 10 11 12 13
			$\begin{array}{c} 304\\ 17\\ 19\\ 20\\ 157\\ 3\\ 24\\ 17\\ 30\\ 15\\ 30\\ 111 \end{array}$	$3 \\ 9 \\ 11 \\ 0 \\ 24 \\ 6 \\ 0 \\ 11 \\ 0 \\ 8 \\ 0 \\ 5 \end{bmatrix}$	$\begin{array}{c} 0\\ 92\\ 74\\ 170\\ 138\\ 24\\ 175\\ 183\\ 136\\ 69\\ 106\\ 0 \end{array}$	$\begin{array}{c} 0 \\ 49 \\ 58 \\ 0 \\ 92 \\ 26 \\ 0 \\ 84 \\ 0 \\ 50 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ \end{array}$	$1, 450 \\ 82 \\ 49 \\ 110 \\ 91 \\ 3 \\ 123 \\ 11 \\ 162 \\ 15 \\ 246 \\ 981$	$1,017 \\ 101 \\ 558 \\ 0 \\ 174 \\ 4 \\ 0 \\ 4 \\ 0 \\ 8 \\ 0 \\ 488$	$ \begin{array}{c} 140 \\ 0 \\ 0 \\ 5 \\ 0 \\ 0 \\ 0 \\ 0 \\ 1 \\ 59 \end{array} $	$ \begin{array}{c} 102\\ 0\\ 0\\ 2\\ 0\\ 0\\ 0\\ 0\\ 0\\ 40\\ \end{array} $	$ \begin{array}{c} 1 \\ 0 \\ 0 \\ 2 \\ 0 \\ 0 \\ 28 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \end{array} $	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$330 \\ 0 \\ 0 \\ 258 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ $	$22 \\ 0 \\ 0 \\ 7 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$	$2,014 \\ 178 \\ 123 \\ 280 \\ 508 \\ 27 \\ 298 \\ 226 \\ 326 \\ 120 \\ 353 \\ 1,040$	$\begin{array}{c} 1,280\\ 170\\ 116\\ 0\\ 342\\ 30\\ 0\\ 122\\ 0\\ 165\\ 0\\ 528 \end{array}$	$     \begin{array}{r}       14 \\       15 \\       16 \\       17 \\       18 \\       19 \\       20 \\       21 \\       22 \\       23 \\       24 \\       25 \\     \end{array} $
	$52 \\ 0 \\ 0 \\ 125$	$\begin{array}{c} 1\\ 0\\ 0\\ 0\\ 0\end{array}$	$106 \\ 46 \\ 15 \\ 169$	$\begin{array}{c} 17\\12\\0\\6\end{array}$	176 100 200 72	$239 \\ 46 \\ 0 \\ 73$	303 192 50 183	251 185 0 183	$\begin{array}{c} 17\\ 4\\ 0\\ 60 \end{array}$	$13 \\ 3 \\ 0 \\ 32$	2 3 0 0	$\begin{smallmatrix}1\\1\\0\\0\end{smallmatrix}$	$108 \\ 0 \\ 0 \\ 219$	6 0 0 0	594 299 250 634	506 235 0 599	26 27 28 29
	0 0 97	0 0 0	20 31 337	0 2 0	0 0 0	0 0 0	$^{148}_{266}_{2,146}$	$\begin{array}{c} 0\\ 26\\ 0\end{array}$	$3 \\ 11 \\ 257$	0 2 35	$\begin{array}{c}1\\0\\61\end{array}$	0 0 0	0 469	0 0 0	$152 \\ 277 \\ 2,880$	$0\\28\\112$	30 31 32
	0 0	0	7 20	2 0	30 0	30 0	30 120	23 0	01	0 0	0 0	0 0	00	0 0	$62 \\ 121$	55 0	33 34
	$11 \\ 0 \\ 128 \\ 100 \\ 0 \\ 57 \\ 0$	0 0 0 0 0 1 0	29 13 159 166 9 72 14	0 3 0 0 0 11 0	$\begin{array}{c} 0 \\ 14 \\ 152 \\ 0 \\ 69 \\ 188 \\ 133 \end{array}$	$     \begin{array}{c}       0 \\       11 \\       0 \\       0 \\       0 \\       79 \\       0     \end{array} $	24 47 84 308 7 43 32	$\begin{array}{c} 0\\ 29\\ 0\\ 201\\ 0\\ 17\\ 0\end{array}$	$53 \\ 2 \\ 13 \\ 64 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ $	0 3 0 10 0 0 0		0 0 0 0 0 0 0 0	48 0 460 882 0 382 0	0 0 0 0 18 0	$123 \\ 63 \\ 730 \\ 1,254 \\ 127 \\ 663 \\ . 165$	$\begin{array}{c} 0 \\ 43 \\ 0 \\ 211 \\ 0 \\ 204 \\ 0 \end{array}$	35 36 37 38 39 40 41

TABLE 29.—Statistics of universities and colleges

							ors a etor	
	Location.	Name.	Religious or non- sectarian control.	Year of first open- ing.	ato	art-	Coll at dep: me:	art-
				μιg.	Men.	Women.	Men.	Women.
	1	2	3	4	5	6	7	8
	FLORIDA.							
$42 \\ 43 \\ 44 \\ 45 \\ 46$	De Land. Lake City St. Leo Tallahassee Winter Park	John B. Stetson University * University of Florida St. Leo College Florida State College * Rollins College	Bapt State R. C State Nonsect	$1887 \\1884 \\1890 \\1857 \\1885$	8 7 2 5 8	$     \begin{array}{c}       4 \\       0 \\       0 \\       12     \end{array}   $		$     \begin{array}{c}       4 \\       0 \\       0 \\       2 \\       12     \end{array} $
	GEORGIA.							
$\begin{array}{r} 47 \\ 48 \\ 49 \\ 50 \\ 51 \\ 52 \\ 53 \\ 54 \\ 55 \\ 56 \\ 57 \end{array}$	Athens. Atlanta. do. Bowdon Dahlonega. Macon. Oxford. South Atlanta. Wrightsville Young Harris	University of Georgia	State         Bapt           Nonsect         Nonsect           A. M. E         Nonsect           State         Bapt           M. E. So         M. E.           M. E. So         M. E.           M. E. So         M. E.	1800 1867 1869 1885 1857 1872 1837 1836 1870 1888 1885	$ \begin{array}{c} 0 \\ 4 \\ 4 \\ 3 \\ 2 \\ 4 \\ 0 \\ 2 \\ 9 \\ \hline 1 \end{array} $	0 3 8 2 3 2 0 0 3 4 2	$24 \\ 6 \\ 5 \\ 3 \\ 2 \\ 5 \\ 13 \\ 12 \\ 4 \\ 2 \\ 4 \\ 4$	$     \begin{array}{c}       0 \\       4 \\       5 \\       2 \\       0 \\       1 \\       0 \\       3 \\       1 \\       2     \end{array} $
	IDAHO.							
58	Moscow	University of Idaho	State	1892	3	2	14	3
	ILLINOIS.							
$\begin{array}{c} 59\\ 60\\ 62\\ 63\\ 66\\ 66\\ 66\\ 70\\ 71\\ 72\\ 3\\ 74\\ 75\\ 6\\ 77\\ 78\\ 80\\ 81\\ 2\\ 83\\ 84\\ 85\\ 86\\ 87\\ \end{array}$	Abingdon. Bloormington. Bourbonnais. Carlinville. Carthage. Chicago. do. Decatur. Elmhurst. Eureka. Evanston. Ewing. Galesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dalesburg. dale	Hedding College. Illinois Wesleyan University	M. E. M. E. R. C. Presb. Luth. R. C. Bapt. Cumb. Presb Ger. Evang. Christian. M. E. Bapt. Nonsect Univ Presb. Presb. M. E. Presb. Un. Presb. M. E. Cumb. Presb. Un. Presb. R. C. EV. Assn. R. C. R. C. R. C. Bapt. U. Presb. U. Presb. D. Presb. U. Presb. D. Presb. U. Presb. D. Presb. U. Presb. D. Presb. U. Presb. D. Presb	1871 1855 1855 1855 1867 1837 1852 1892 1852 1892 1858 1828 1828 1866 1856	$\begin{array}{c} 8 \\ 0 \\ 3 \\ 4 \\ 6 \\ 20 \\ 5 \\ 24 \\ 7 \\ 8 \\ 14 \\ 9 \\ 9 \\ 1 \\ 7 \\ 8 \\ 14 \\ 9 \\ 3 \\ 3 \\ 6 \\ 2 \\ 3 \\ 6 \\ 8 \\ 7 \\ 3 \\ 7 \\ \end{array}$	9 1 0 2 2 0 0 1 5 3 2 2 3 3 2 0 0 2 1 1 5 3 2 2 3 3 2 0 0 2 2 2 0 0 0 1 5 3 2 2 2 3 3 2 2 2 0 0 0 2 2 2 0 0 0 1 5 5 3 2 2 2 2 2 0 0 0 2 2 2 2 3 3 2 2 2 2 0 0 0 2 2 2 3 3 2 2 2 0 0 0 2 2 2 2	$\begin{array}{c} 8\\ 9\\ 9\\ 10\\ 5\\ 7\\ 7\\ 11\\ 10\\ 209\\ 224\\ 7\\ 6\\ 48\\ 5\\ 5\\ 8\\ 8\\ 18\\ 8\\ 8\\ 8\\ 7\\ 4\\ 9\\ 9\\ 10\\ 13\\ 14\\ 15\\ 9\\ 9\\ 133\\ 4\\ 7\end{array}$	$\begin{array}{c} 9\\ 1\\ 0\\ 2\\ 1\\ 0\\ 0\\ 0\\ 19\\ 15\\ 0\\ 3\\ 4\\ 1\\ 2\\ 2\\ 3\\ 1\\ 0\\ 0\\ 0\\ 2\\ 22\\ 2\\ 5\end{array}$
88 89 90 91 92 93 94	Bloomington Collegeville Crawfordsville Fort Wayne Franklin Greencastle Hanover	Indiana University St. Joseph's College Wabash College Concordia College Franklin College De Pauw University Hanover College	State R. C. Nonsect Luth. Bapt. M. E. Presb.	1837	$     \begin{bmatrix}       0 \\       11 \\       0 \\       11 \\       6 \\       4 \\       1       \end{bmatrix}   $	$     \begin{array}{c}       0 \\       0 \\       0 \\       2 \\       2 \\       1     \end{array} $	$     \begin{array}{r}       66 \\       6 \\       15 \\       11 \\       7 \\       21 \\       11 \\       11     \end{array} $	$5 \\ 0 \\ 0 \\ 2 \\ 6 \\ 2$

\*Statistics of 1903-4.

#### for men and for both sexes—Continued.

$\begin{smallmatrix} 0 \\ 7 \\ 6 \\ 0 \\ 0 \\ 0 \\ 58 \\ 0 \\ 0 \\ 0 \\ 197 \\ 0 \\ 0 \\ 0 \\ 11 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ $
99705400540041150055
$75 \\ 47 \\ 60 \\ 10 \\ 38 \\ 351 \\ 20 \\ 208 \\ 7 \\ 60$
$90 \\ 16 \\ 0 \\ 13 \\ 12 \\ 0 \\ 0 \\ 129 \\ 0 \\ 46$
$18 \\ 55 \\ 196 \\ 20 \\ 22 \\ 88 \\ 138 \\ 1,196 \\ 98 \\ 100$
$32 \\ 50 \\ 0 \\ 12 \\ 26 \\ 0 \\ 1,372 \\ 152 \\ 0$
$egin{array}{c} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 731 \\ 4 \\ 0 \end{array}$
$egin{array}{c} 0 \\ 53 \\ 42 \\ 0 \\ 0 \\ 0 \\ 0 \\ 716 \\ 0 \\ 0 \end{array}$
$egin{array}{c} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 41 \\ 0 \\ 0 \end{array}$
$93 \\ 155 \\ 298 \\ 36 \\ 90 \\ 573 \\ 158 \\ 2,394 \\ 312 \\ 107 \\$
$ \begin{array}{c} 122\\ 66\\ 0\\ 86\\ 89\\ 0\\ 2,204\\ 422\\ 0 \end{array} $
$59 \\ 60 \\ 61 \\ 62 \\ 63 \\ 64 \\ 65 \\ 66 \\ 67 \\ 68 $

### TABLE 29.—Statistics of universities and colleges

							ors a ctor	
	Location.	Name.	Religious or non- sectarian control.	Year of first open- ing.	at	pa <b>r-</b> ory a <b>rt-</b> nt.	at	art-
					Men.	Women.	Men.	Women.
	1	2	3	4	5	6	7	8
	INDIANA—continued.							•
95 96 97 98 99 100 101	Indianapolis. Merom. Moores Hill. Notre Dame. Richmond. St. Meinrad. Upland.	Butler College Union Christian College Moores Hill College University of Notre Dame Earlham College. St. Meinrad College. Taylor University	Christian Christian M. E R. C Friends R. C M. E	1855 1859 1856 1842 1847 1857 1846	0 2 5 21 0  8	$21 \\ 12 \\ 0 \\ 0 \\ \\ 2$	$     \begin{array}{c}       17 \\       3 \\       7 \\       23 \\       20 \\       11 \\       9     \end{array} $	0 2 2 0 8 0 2
	INDIAN TERRITORY.							
$\begin{array}{c} 102 \\ 103 \end{array}$	Bacone	Indian University Henry Kendall College	Bapt Presb	$\begin{array}{c} 1880\\ 1894 \end{array}$	$\begin{array}{c} 2\\ 4\end{array}$	5 9	3 4	5 9
	. IOWA.							
$\begin{array}{c} 104\\ 105\\ 106\\ 107\\ 108\\ 109\\ 110\\ 111\\ 112\\ 113\\ 114\\ 115\\ 116\\ 117\\ 118\\ 119\\ 120\\ 121\\ 122\\ 123\\ 124\\ 125\\ 126\\ 127\\ 128\\ \end{array}$	Cedar Rapids Charles City Ciliton College Springs Decorah Des Moines do Dubuque Fairfield. Fayette. Grinnell Hopkinton Indianola Iowa City. Lamoni Legrand. Mount Pleasant do. Mount Vernon Oskaloosa Pella Sioux City Storm Lake Tabor Toledo	Coe College	Presb. M. E. Luth. Nonsect. Luth. Bapt. Christian. R. C. Presb. M. E. State. L. D. S. Christian. M. E. State. U. B. State. U. B. State. U. B. State. State. L. D. S. Christian. M. E. State. State. L. D. S. Christian. M. E. State. U. D. S. Christian. M. E. State. State. L. D. S. Christian. M. E. State. State. U. D. S. Christian. M. E. State. State. U. D. S. Christian. M. E. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. State. Sta	1881 1891 1868 1872 1861 1865 1887 1873 1875 1857 1855 1887 1855 1889 1889 1889 1889 1889 1884 1857 1857	$     \begin{array}{c}       2 \\       3 \\       10 \\       2 \\       13 \\       3 \\       17 \\       4 \\       5 \\       7 \\       3 \\       5 \\       13 \\       0 \\       5 \\       3 \\       4 \\       4 \\       2 \\       7 \\       4 \\       6 \\       3 \\       1 \\       4       \\       4       \\       3 \\       1 \\       4       \\       4       \\       3 \\       1       4       \\       4       \\       3       \\       1       4       \\       3       \\       1       4       \\       3       \\       1       4       \\       3       \\       3       \\       1       4       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3       \\       3 $	$\begin{array}{c} 3\\ 5\\ 0\\ 3\\ 0\\ 5\\ 8\\ 0\\ 1\\ 2\\ 4\\ 5\\ 1\\ 3\\ 1\\ 2\\ 4\\ 1\\ 3\\ 4\\ 5\\ 4\\ 5\\ 0\\ 2\end{array}$	$\begin{array}{c} 16\\ 6\\ 10\\ 3\\ 4\\ 23\\ 9\\ 10\\ 8\\ 21\\ 5\\ 5\\ 3\\ 14\\ 18\\ 19\\ 9\\ 6\\ 6\\ 7\\ 4\\ \end{array}$	$\begin{array}{c} 7\\ 0\\ 3\\ 0\\ 5\\ 2\\ 0\\ 2\\ 3\\ 2\\ 5\\ 7\\ 6\\ 3\\ 0\\ 3\\ 10\\ 4\\ 3\\ 2\\ 4\\ 2\\ 6\\ 1\end{array}$
$\begin{array}{c} 129\\ 130\\ 131\\ 132\\ 133\\ 134\\ 135\\ 136\\ 137\\ 138\\ 139\\ 140\\ 141\\ 142\\ 143\\ 144\\ 145\\ 146\\ 147\\ \end{array}$	Atchison do Baldwin Emporia Highland Holton Kansas City Lawrence Lincoln Lincoln Lindsborg Ottawa St. Marys Salina Sterling Topeka Wichita do Winfield do	Midland College St. Benedict's College. Baker University. College of Emporia Highland University Campbell College. Kansas City University. University of Kansas. Kansas Christian College. Bethany College. Ottawa University. St. Mary's College. Washburn College. Fairmount College. Friends University. St. John's Lutheran College. Southwest Kansas College.	Luth. R. C. Presb. Presb. U. B. Meth. Prot. State. Christian. Luth. Bapt. R. C. Un. Presb. Cong. Cong. Friends. Luth. M. E.	1887 1858 1858 1858 1883 1896 1866 1882 1881 1865 1869 1886 1887 1865 1898 1898 1898 1893 1886	$2 \\ 4 \\ 6 \\ 4 \\ 3 \\ 8 \\ 3 \\ 0 \\ 3 \\ 11 \\ 23 \\ 2 \\ 1 \\ 9 \\ 4 \\ 7 \\ 5 \\ 17 \\ 17 \\ 17 \\ 17 \\ 10 \\ 10 \\ 10 \\ 10$	4 0 4 6 4 3 1 0 2 3 3 0 4 2 2 4 2 4 2 7 0 8	$\begin{array}{c} 8\\ 20\\ 12\\ 6\\ 3\\ 8\\ 6\\ 64\\ 3\\ 11\\ 12\\ 20\\ 6\\ 4\\ 18\\ 12\\ 7\\ 5\\ 8\end{array}$	40844426235022644702

\*Statistics of 1903-4.

a Name changed to Leander Clark College in 1906.

### for men and for both sexes-Continued.

$5 \\ 18 \\ 20 \\ 21 \\ 11 \\ 7 \\ 18 \\ 9 \\ 8 \\ 9 \\ 9 \\ 8 \\ 9 \\ 9 \\ 8 \\ 9 \\ 9$
$     \begin{array}{c}       1 \\       6 \\       12 \\       17 \\       6 \\       8 \\       10 \\       7 \\       6 \\       4 \\       4     \end{array} $
$     \begin{array}{r}       17 \\       57 \\       128 \\       155 \\       60 \\       37 \\       132 \\       50 \\       29 \\       35 \\     \end{array} $
29 191 179 68 28 68 50 30 28
27 57 193 64 17 75 12 20 23
$ \begin{array}{c} 22 \\ 30 \\ 186 \\ 83 \\ 12 \\ 62 \\ 10 \\ 32 \\ 23 \\ \end{array} $
$ \begin{array}{c} 0 \\ .1 \\ 2 \\ .3 \\ 0 \\ 0 \\ .0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ $
0 3 3 1 0 1 1 1 0
0 0 2 0 0 0 0 0 0 0
0 0 0 2 0 0 0 0 0 0
$21 \\ 0 \\ 0 \\ 8 \\ 20 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ $
0 5 0 7 0 0 0 0 0 0
$\begin{array}{r} 86 \\ 187 \\ 351 \\ 135 \\ 120 \\ 223 \\ 62 \\ 60 \\ 90 \end{array}$
$\begin{array}{c} 69\\ 224\\ 368\\ 219\\ 70\\ 357\\ 61\\ 107\\ 93\\ \end{array}$
$\begin{array}{c} 120 \\ 121 \\ 122 \\ 123 \\ 124 \\ 125 \\ 126 \\ 127 \\ 128 \end{array}$

TABLE 29.—Statistics of universities and colleges

							ors a actor	
	Location.	Name.	Religious or non- sectarian control.	Year of first open- ing.	dep	par- ory art- ent.	a dep	legi- te art- ent.
		÷			Men.	Women.	Men.	Women.
	1	2	3	4	5	6	7	8
	KENTUCKY.							
$148 \\ 149 \\ 150 \\ 151 \\ 152 \\ 153$	Barboursville Berea Danville Georgetown Glasgow Lexington	Union College Berea College Central University of Kentucky Georgetown College Liberty College Agricultural and Mechanical College	M. E Nonsect Presb Bapt Bapt State	$1886 \\1855 \\1822 \\1829 \\1875 \\1866$	$     \begin{array}{c}       15 \\       6 \\       2 \\       1 \\       5     \end{array} $	$2 \\ 18 \\ 6 \\ 1 \\ 5 \\ 0$	5 8 19 9 2 23	4 3 0 8 10 2
$154 \\ 155 \\ 156 \\ 157$	do Russellville St. Marys Winchester	of Kentucky. Kentucky University. Bethel College. St. Mary's College. Kentucky Wesleyan College.	Christian Bapt R. C M. E. So	$1854 \\ 1821$	$5 \\ 3 \\ 2 \\ 1$	$     \begin{array}{c}       3 \\       0 \\       0 \\       1     \end{array} $	$\begin{array}{c} 16\\5\\11\\6\end{array}$	$     \begin{array}{c}       13 \\       0 \\       0 \\       2     \end{array} $
158 159 160 161	LOUISIANA. Baton Rouge Convent Jackson New Orleans	Louisiana State University Jefferson College. Centenary College of Louisiana* College of the Immaculate Concep-	State R. C M. E. So R. C	1860 1864 1825 1847	5 5 3 8	0 0 0 0	$27 \\ 16 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ 6 \\ $	0 0 0 0
$162 \\ 163 \\ 164$	do do do	tion. Leland University New Orleans University * Tulane University of Louisiana	Bapt M. E Nonsect	1870 1873 1834	6 3	5 8	$5 \\ 5 \\ 26$	4 4 
$165 \\ 166 \\ 167 \\ 168$	MAINE. Brunswick Lewiston Orono Waterville	Bowdoin College Bates College University of Maine Colby College	Cong. Free Bapt State Bapt	1802 1863 1868 1818	0 0 5 0	0 0 0 0	$21 \\ 16 \\ 48 \\ 16$	0 2 2 2
	MARYLAND.							
$169 \\ 170 \\ 171 \\ 172 \\ 173 \\ 174 \\ 175 \\ 176 \\ 177 \\ 178$	Annapolis. Baltimoredo do Chestertown Ellicott Citydo  Emmitsburg. New Windsor. Westminster	St. John's College Johns Hopkins University Loyola College Washington College Rock Hill College St. Charles College Mount St. Mary's College New Windsor College Western Maryland College	Nonsect Nonsect M. E Nonsect R. C R. C Presb Meth. Prot .	1789 1876 1852 1867 1783 1857 1848 1808 1843 1867	$2 \\ 0 \\ 11 \\ 5 \\ 5 \\ 7 \\ 17 \\ 9 \\ 0 \\ 3 \\ 3$	0 0 2 1 0 0 0 1 3	$ \begin{array}{c} 11\\ 88\\ 18\\ 5\\ 6\\ 8\\ 17\\ 9\\ 3\\ 10 \end{array} $	0 1 0 2 1 0 0 0 3 8
179 180 181 182 183 184 185 186 186	MASSACHUSETTS. Amherst. Boston. Cambridge. Springfield. Tufts College. Williamstown. Worcester. do.	Amherst College. Boston College. Boston University. Harvard University. American International College. Tufts College Williams College. Clark University. Collegiate Department, Clark Uni- versity.	Nonsect R. C Monsect Cong Univ Nonsect Nonsect	1821 1864 1873 1638 1885 1854 1793 1889 1902	0 17 0 6 6 0 0 0	0 0 0 4 0 0 0 0	36 17 23 307 6 44 44 16 29	0 0 2 0 2 1 0 0 0 0
188	do	College of the Holy Cross	R. C	1843	17	0	15	0
189 190 191 192 193 194 195 196 197	MICHIGAN. Adrian. Albion. Alma. Ann Arbor. Detroit. Hillsdale. Holland. Kalamazoo. Olivet.	Adrian College Albion College Alma College University of Michigan Detroit College Hillsdale College Hope College Kalamazoo College Olivet College	Meth. Prot M. E. Presb. State R. C. Free Bapt Reformed Bapt Cong	1859 1843 1887 1841 1877 1855 1866 1855 1859	9 5 2 0 7 4 21 6 3	6 3 0 0 1 3 3 5	$     \begin{array}{r}       9 \\       12 \\       7 \\       191 \\       6 \\       7 \\       20 \\       8 \\       11 \\     \end{array} $	6 3 6 0 3 3 1 3

\*Satistics of 1903-4.

for men and for both sexes—Continued.

I		ors an ictors.	d						Stud	ents						
Pro sio dep men	art-	nun (excl	otal nber uding cates).	Prep to dep me	ry art-	Colle depar	egiate tment.	Gra Resi	duate mei dent.	nt. No	art- ares-	Prof sior depa men	nal 1rt-	nur (exci	otal nbcr uding cates).	
Men.	W omen.	Men.	Women.	Men.	W omen.	Men.	W omen.	Men.	Women.	Mcn.	Women.	Men.	Women.	Men.	W omen.	
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
0 0 78 0 0 0	0 0 0 0 0 0	$5 \\ 23 \\ 100 \\ 11 \\ 2 \\ 40$	6 21 6 9 10 3	$31 \\ 521 \\ 170 \\ 54 \\ 25 \\ 93$	$14 \\ 299 \\ 190 \\ 31 \\ 30 \\ 6$	$5 \\ 22 \\ 165 \\ 98 \\ 10 \\ 324$	$9 \\ 12 \\ 0 \\ 91 \\ 105 \\ 45$	$     \begin{array}{c}       0 \\       0 \\       6 \\       0 \\       0 \\       15     \end{array} $	0 0 0 0 5	0 0 5 0 0 0	0 0 0 0 0 0	$\begin{array}{c} 0 \\ 0 \\ 632 \\ 0 \\ 0 \\ 0 \end{array}$	0 0 0 0 0 0	$36 \\ 543 \\ 978 \\ 152 \\ 35 \\ 494$	23 319 190 122 135 84	$     \begin{array}{r}       148 \\       149 \\       150 \\       151 \\       152 \\       153 \\     \end{array} $
29 0 0 0	0 0 0 0	$43 \\ 8 \\ 13 \\ 7$	$     \begin{array}{c}       15 \\       0 \\       0 \\       3     \end{array}   $	53 25 85 24	7 0 0 6	$151 \\ 103 \\ 60 \\ 82$	$     \begin{array}{c}       131 \\       0 \\       0 \\       48     \end{array} $	$\begin{smallmatrix}4\\1\\0\\0\end{smallmatrix}$	0 0 0 0	0 0 0 0	0 0 0 0	$\begin{array}{c} 442\\ 0\\ 0\\ 0\\ 0\end{array}$	6 0 0 0	$     \begin{array}{r}       646 \\       129 \\       145 \\       106     \end{array}   $	$     \begin{array}{r}       144 \\       0 \\       0 \\       54     \end{array} $	$154 \\ 155 \\ 156 \\ 157 \\$
0 0 0	0 0 0 0	$28 \\ 21 \\ 6 \\ 24$	0 0 0 0	$132 \\ 73 \\ 113 \\ 155$	0 0 7 0	$322 \\ 92 \\ 26 \\ 49$	$\begin{array}{c} 0\\ 0\\ 4\\ 0\end{array}$	$3 \\ 0 \\ 0 \\ 22$	$\begin{vmatrix} 1\\0\\0\\0 \end{vmatrix}$	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	$457 \\ 165 \\ 139 \\ 437$	$\begin{array}{c}1\\0\\11\\0\end{array}$	158 159 160 161
$\begin{array}{c} 0\\11\\54\end{array}$	0 0 0	$     \begin{array}{c}       12 \\       16 \\       75     \end{array}   $	$\begin{smallmatrix}&10\\&14\\&0\end{smallmatrix}$	59 23	86 17	14 5 289	11 2	$\begin{array}{c} 0\\ 0\\ 28\end{array}$	$\begin{smallmatrix}&1\\&0\\&31\end{smallmatrix}$	$\begin{array}{c} 13\\0\\0\end{array}$	0 0 0	2 57 636	$\begin{array}{c} 0\\ 20\\ 1\end{array}$	86 85 929	98 39 73	$\begin{array}{c} 162\\ 163\\ 164 \end{array}$
$26 \\ 7 \\ 13 \\ 0$	0 0 0 0	$43 \\ 21 \\ 60 \\ 16$	0 2 2 2	0 0 9 0	0 0 0 0	280 196 397 135	$\begin{array}{c} 0 \\ 157 \\ 20 \\ 107 \end{array}$	0 0 7 0		0 0 5 0	$\begin{array}{c} 0\\ 0\\ 1\\ 0\end{array}$	90 20 93 0	$\begin{array}{c} 0\\ 1\\ 1\\ 0\end{array}$	$363 \\ 208 \\ 511 \\ 135$	$     \begin{array}{c}       0 \\       158 \\       22 \\       108     \end{array} $	$165 \\ 166 \\ 167 \\ 168$
$\begin{array}{c} 0 \\ 77 \\ 0 \\ 2 \\ 0 \\ 0 \\ 0 \\ 4 \\ 0 \\ 0 \\ 0 \\ 0 \\ \end{array}$	0 2 0 0 0 0 0 0 0 0	$     \begin{array}{r}       13 \\       165 \\       24 \\       7 \\       10 \\       12 \\       17 \\       16 \\       5 \\       13 \\       \end{array} $	$\begin{array}{c} 0 \\ 3 \\ 0 \\ 2 \\ 1 \\ 0 \\ 0 \\ 4 \\ 9 \end{array}$	$58 \\ 0 \\ 105 \\ 31 \\ 27 \\ 100 \\ 130 \\ 75 \\ 21 \\ 40$	$\begin{array}{c} 0 \\ 0 \\ 0 \\ 11 \\ 14 \\ 0 \\ 0 \\ 25 \\ 24 \end{array}$	$147 \\ 183 \\ 40 \\ 9 \\ 41 \\ 50 \\ 127 \\ 9 \\ 71$	$\begin{array}{c} 0\\ 0\\ 0\\ 1\\ 3\\ 0\\ 0\\ 0\\ 7\\ 85 \end{array}$	$egin{array}{c} 0 \\ 194 \\ 0 \\ 0 \\ 3 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$	0 0 0 0 0 0 0 0 0 0 0 0		0 0 0 0 0 0 0 0 0 0	$egin{array}{c} 0 \\ 344 \\ 0 \\ 0 \\ 0 \\ 0 \\ 36 \\ 0 \\ 0 \end{array}$		$205 \\ 720 \\ 145 \\ 48 \\ 71 \\ 150 \\ 180 \\ 238 \\ 33 \\ 120$	$\begin{array}{c} 0\\ 25\\ 0\\ 38\\ 59\\ 0\\ 0\\ 0\\ 32\\ 113\end{array}$	169 170 171 172 173 174 175 176 177 178
$\begin{array}{c} 0\\ 0\\ 89\\ 221\\ 0\\ 142\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0 \end{array}$	0 0 3 0 0 3 0 0 0 0 0 0	$ \begin{array}{c c} 36\\ 26\\ 143\\ 525\\ 6\\ 129\\ 44\\ 16\\ 29\\ 28\\ \end{array} $	0 0 5 0 6 3 0 0 0 0 0	$     \begin{array}{c}       0 \\       240 \\       0 \\       0 \\       81 \\       19 \\       0 \\       0 \\       0 \\       203 \\     \end{array} $	0 0 0 17 0 0 0 0 0 0	$\begin{array}{r} 406\\ 125\\ 182\\ 2,572\\ 7\\ 247\\ 434\\ 0\\ 88\\ 219\end{array}$	$ \begin{array}{c} 0 \\ 0 \\ 319 \\ 0 \\ 3 \\ 83 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$		0 5 0 0 0 0 9 0	$ \begin{array}{c} 1 \\ 0 \\ 52 \\ 17 \\ 0 \\ 34 \\ 0 \\ 0 \\ 0 \\ 0 \end{array} $		$ \begin{smallmatrix} 0 \\ 0 \\ 577 \\ 1,214 \\ 0 \\ 563 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ $	$     \begin{array}{c}       0 \\       0 \\       44 \\       0 \\       65 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\   $	412 365 960 4,136 88 835 477 77 88 422	0 0 364 20 14S 0 9 0	179 180 181 182 183 184 185 186 187 188
$ \begin{array}{c} 0\\ 0\\ 143\\ 0\\ 3\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\$		9 16 11 296 13 16 21 9 14	$ \begin{array}{c} 6 \\ 10 \\ 11 \\ 9 \\ 0 \\ 4 \\ 3 \\ 4 \\ 8 \\ \end{array} $	$32 \\ 45 \\ 38 \\ 0 \\ 149 \\ 31 \\ 101 \\ 27 \\ 51$	18     29     23     0     0     27     42     11     64	$32 \\ 114 \\ 39 \\ 1,685 \\ 86 \\ 63 \\ 85 \\ 95 \\ 70$	$     \begin{array}{r}       10 \\       86 \\       26 \\       621 \\       0 \\       57 \\       61 \\       86 \\       90 \\     \end{array} $	$     \begin{array}{c}       0 \\       2 \\       0 \\       71 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\    $			0 8 0 0 0 0 0 0 0 0	$25 \\ 0 \\ 0 \\ 1,465 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ $	$\begin{array}{c} 0 \\ 0 \\ 0 \\ 48 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \end{array}$	$70 \\ 237 \\ 112 \\ 3,142 \\ 235 \\ 149 \\ 186 \\ 122 \\ 121$	$\begin{array}{c} 60\\ 237\\ 155\\ 690\\ 0\\ 167\\ 103\\ 97\\ 154 \end{array}$	189 190 191 192 193 194 195 196 197

# TABLE 29.—Statistics of universities and colleges

					Professors instructo			
	Location.	Name.	Religious or non- sectarian control.	Year of first open- ing.	ato	art-	a dep	legi- te art- ent.
				шg.	Men.	Women.	Men.	Women.
	1	2	3	4	5	6	7	8
	MINNESOTA.							
198 199 200 201 202 203 204 205 206	Collegeville	St. John's University	R. C. Luth. State M. E. Presb. Luth. Free Bapt.	1857 1869 1868 1867 1874 1854 1854 1885 1862 1888	$5 \\ 8 \\ 30 \\ 3 \\ 17 \\ 5 \\ 8 \\ 22 \\ 4$	$     \begin{array}{c}       0 \\       0 \\       7 \\       3 \\       5 \\       2 \\       4 \\       4 \\       6     \end{array} $	$15 \\ 7 \\ 125 \\ 13 \\ 17 \\ 17 \\ 11 \\ 11 \\ 3 \\ 3$	$ \begin{array}{c} 0 \\ 15 \\ 5 \\ 3 \\ 3 \\ 1 \\ 3 \end{array} $
	MISSISSIPPI.							
$207 \\ 208 \\ 209 \\ 210$	Clinton Holly Springs Jackson University	Mississippi College Rust University Millsaps College * University of Mississippi	Bapt M. E. M. E. So State	1827 1867 1892 1848	2 7 3 0	0 7 0 0	7 5 7 24	0 2 0 2
/	MISSOURI.							
$\begin{array}{c} 211\\ 212\\ 213\\ 214\\ 215\\ 216\\ 217\\ 218\\ 219\\ 220\\ 221\\ 222\\ 223\\ 224\\ 225\\ 226\\ 227\\ 228\\ 229\\ \end{array}$	Bolivar. Bowling Green. Cameron. Clarksburg. Columbia. Fayette. Fulton. Glasgow. La Grange. Liberty. Marshall. Parkville. St. Louis. do. Springfield. Tarkio. Warrenton.	Southwest Baptist College * Pike College * Missouri Wesleyan College Christian University Clarksburg College University of Missouri Central College Westminster College Pritchett College La Grange College William Jewell College Missouri Valley College Park College Christian Brothers College St. Louis University Washington University Drury College Tarkio College Central Wesleyan College	Bapt Nonsect Bapt Nonsect Bapt Bapt Bapt Bapt Cumb.Presb R. C Nonsect Cong U. Presb M. E	1878 1881 1887 1853 1878 1857 1853 1866 1858 1849 1859 1851 1829 1859 1859 1859 1859 1859	4 2 3 0 3 3 10 4 4  3 0 3 1 15 13 3 16 30 38 3 1 4	$ \begin{array}{c} 3 \\ 1 \\ 2 \\ 0 \\ 0 \\ 1 \\ 4 \\ 0 \\ 2 \\ 6 \\ 0 \\ 0 \\ 33 \\ 4 \\ 5 \\ 1 \\ \end{array} $	$\begin{array}{c} 2\\ 3\\ 6\\ 11\\ 2\\ 121\\ 9\\ 10\\ 5\\ 7\\ 12\\ 13\\ 15\\ 12\\ 13\\ 39\\ 8\\ 6\\ 5\end{array}$	3223 319900 01177022000002232
230	Missoula	University of Montana	State	1895	5	4	7	3
	NEBRASKA.							
231 232 233 234 235 236 237 238 239 240	Bellevue. Bethany. College View. Crete. Grand Island. Hastings. Lincoln. Omaha. University Place. York. NEVADA.	Bellevue College. Cotner University. Doane College Grand Island College. Hastings College. University of Nebraska. Creighton University. Nebraska Wesleyan University. York College.	Presb Christian 7th D. Adv. Cong Bapt Presb. State R. C. W. E. U. B. State	1883 1889 1891 1872 1892 1882 1869 1879 1888 1890	$     \begin{array}{c}       10 \\       2 \\       11 \\       6 \\       5 \\       \hline       8 \\       7 \\       4 \\       4   \end{array} $	10 5 3 2 4 0 6 2	$ \begin{array}{c} 12\\10\\14\\11\\7\\5\\79\\13\\13\\3\\1\end{array} $	8 10 1 3 2 4 18 0 2 2 2
241	Reno	Nevada State University	State	1886	4	5	16	5
$\begin{array}{c} 242 \\ 243 \end{array}$	NEW HAMPSHIRE. Hanover Manchester	Dartmouth College St. Anselm's College	Nonsect R. C	$1769 \\ 1893$	0 10	0	57 9	0

for men and for both sexes—Continued.

Ī	F		ors an uctors							Stu	dent	s.					-
-	Profes- sional depart-		nun (excl	otal nber uding	Prep to dep:	ry art-	Colle depar	giate tment.		duate mer	nt. Î	ari-	Prof sior deps	nal	nun	tal uber uding	
	mêr	nts.	duplie	cates).	me	nt.			Resi	dent.		ent.	mên	ts.		eates).	
	Men.	W omen.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
		$\begin{array}{c} 0\\ 0\\ 1\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\end{array}$	$29 \\ 8 \\ 333 \\ 15 \\ 17 \\ 65 \\ 14 \\ 24 \\ 4$	$\begin{array}{c} 0 \\ 0 \\ 49 \\ 8 \\ 5 \\ 5 \\ 6 \\ 7 \\ 6 \end{array}$	$ \begin{array}{r} 46\\65\\601\\18\\180\\53\\72\\99\\31\end{array} $	0 0 159 36 43 30 40 23 28	$163 \\ 38 \\ 1,031 \\ 95 \\ 113 \\ 129 \\ 44 \\ 40 \\ 4$	$\begin{array}{c} 0\\ 0\\ 788\\ 163\\ 18\\ 91\\ 26\\ 19\\ 8\end{array}$	$egin{array}{c} 0 \\ 0 \\ 65 \\ 1 \\ 2 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \end{array}$	$\begin{array}{c} 0\\ 0\\ 42\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\end{array}$	$     \begin{array}{c}       0 \\       0 \\       10 \\       1 \\       1 \\       7 \\       0 \\       0 \\       0 \end{array} $	$     \begin{array}{c}       0 \\       0 \\       2 \\       0 \\       3 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\       0 \\     $	$25 \\ 17 \\ 907 \\ 0 \\ 162 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ $	$\begin{array}{c} 0 \\ 0 \\ 23 \\ 0 \\ 0 \\ 4 \\ 0 \\ 0 \\ 0 \end{array}$	$\begin{array}{r} 306\\ 120\\ 2,626\\ 118\\ 300\\ 351\\ 116\\ 233\\ 35\\ \end{array}$	$\begin{array}{c} 0 \\ 0 \\ 1,007 \\ 211 \\ 105 \\ 128 \\ 66 \\ 110 \\ 36 \end{array}$	198 199 200 201 202 203 204 205 206
	$0 \\ 0 \\ 3 \\ 12$	0 0 0 0	9 13 12 36	$0\\13\\0\\2$	$128 \\ 120 \\ 109 \\ 0$	2 $279$ $0$ $0$	$248 \\ 6 \\ 113 \\ 197$	$\begin{array}{c}1\\2\\6\\66\end{array}$	$\begin{array}{c}1\\0\\0\\6\end{array}$	0 0 0 0	$     \begin{array}{c}       4 \\       0 \\       22     \end{array}   $		0 0 19 67	0 0 0 1	$381 \\ 126 \\ 240 \\ 290$	$3 \\ 281 \\ 6 \\ 69$	207 208 209 210
	$\begin{array}{c} 0 \\ 0 \\ 0 \\ 0 \\ 15 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ $		$\begin{array}{c} 4\\ 3\\ 8\\ 11\\ 5\\ 139\\ 12\\ 11\\ 6\\ 7\\ 27\\ 13\\ 18\\ 28\\ 156\\ 191 \end{array}$	$     \begin{array}{c}       3 \\       3 \\       6 \\       3 \\       3 \\       9 \\       0 \\       1 \\       4 \\       7 \\       0 \\       2 \\       6 \\       0 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\     $	36 28 55 20 0 75 84 25 170 73 143 410 396 570	$30 \\ 30 \\ 65 \\ \\ 35 \\ 0 \\ 1 \\ 0 \\ 34 \\ \\ 0 \\ 52 \\ 114 \\ 0 \\ 0 \\ 468 \\ \\ 0 \\ 0 \\ 468 \\ \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\$	$\begin{array}{c} 14\\ 23\\ 14\\ 109\\ 10\\ 1,059\\ 67\\ 8\\ 65\\ 149\\ 63\\ 86\\ 130\\ 48\\ 191\\ \end{array}$	$\begin{array}{c} 12\\ 5\\ 16\\ 58\\ 25\\ 415\\ 4\\ 0\\ 11\\ 10\\ 0\\ 0\\ 47\\ 89\\ 0\\ 0\\ 74 \end{array}$	$\begin{array}{c} 0 \\ 0 \\ 0 \\ 5 \\ 0 \\ 62 \\ 1 \\ 0 \\ 0 \\ 0 \\ 2 \\ 0 \\ 0 \\ 0 \\ 64 \\ 10 \end{array}$	$\begin{array}{c} 0 \\ 0 \\ 0 \\ 3 \\ 0 \\ 18 \\ 5 \\ 1 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		$\begin{array}{c} 0 \\ 0 \\ 0 \\ 54 \\ 0 \\ 331 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ $	0 0 3 3 0 7 0 0 0 0 0 0 0 0 0 0 0 0 0	$\begin{array}{c} 50\\ 54\\ 114\\ 131\\ 30\\ 1, 452\\ 127\\ 151\\ 33\\ 65\\ 329\\ 138\\ 229\\ 138\\ 229\\ 540\\ 989\\ 1, 268\end{array}$	$egin{array}{c} \cdot 42 & 37 \\ 122 & 61 \\ 60 & 00 \\ 10 & 10 \\ 1 & 455 \\ 60 & 0 \\ 0 & 999 \\ 203 & 0 \\ 0 & 0 \\ 548 \end{array}$	211 212 213 214 215 216 217 218 219 220 220 222 223 224 225 226
	$\begin{array}{c} 0\\ 0\\ 4\end{array}$	0 0 0	12 12 17	9 12 4	$     \begin{array}{r}       117 \\       32 \\       100     \end{array} $	$     \begin{array}{r}       113 \\       59 \\       50     \end{array} $	50 42 56	70 49 20	000	0000	0000	0 0 0	0 0 44	0000	$     \begin{array}{r}       167 \\       142 \\       200     \end{array} $	228 170 115	227 228 229
-	0	0	10	5	43	45	69	48	5	1	2	0	0	0	124	144	230
	$egin{array}{c} 0 \\ 32 \\ 0 \\ 0 \\ 0 \\ 64 \\ 105 \\ 0 \\ 0 \end{array}$	$\begin{array}{c} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 2 \\ 1 \\ 0 \\ 0 \end{array}$	$12 \\ 42 \\ 16 \\ 16 \\ 8 \\ 7 \\ 181 \\ 126 \\ 15 \\ 7 \\ 7 \\ 15 \\ 7 \\ 7 \\ 12 \\ 12 \\ 15 \\ 7 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 $		$\begin{array}{c} 29 \\ 73 \\ 111 \\ 53 \\ 37 \\ 59 \\ 356 \\ 256 \\ 125 \\ 58 \end{array}$	45 82 59 41 28 21 23 0 87 18	$\begin{array}{c} 46\\ 24\\ 102\\ 73\\ 30\\ 25\\ 773\\ 86\\ 67\\ 20\\ \end{array}$	$\begin{array}{c} 42\\ 12\\ 98\\ 63\\ 24\\ 15\\ 672\\ 0\\ 103\\ 8\end{array}$	$egin{array}{c} 0 \\ 0 \\ 0 \\ 1 \\ 0 \\ 62 \\ 23 \\ 0 \\ 0 \end{array}$			$\begin{array}{c} 0 \\ 0 \\ 0 \\ 0 \\ 1 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\$	$egin{array}{c} 0 \\ 75 \\ 0 \\ 0 \\ 0 \\ 291 \\ 253 \\ 0 \\ 0 \end{array}$	$egin{array}{c} 0 \\ 19 \\ 0 \\ 0 \\ 0 \\ 11 \\ 1 \\ 0 \\ 0 \end{array}$	$75 \\ 172 \\ 213 \\ 118 \\ 33 \\ 119 \\ 1,569 \\ 618 \\ 182 \\ 129 \\ 129 \\$	$90\\101\\157\\115\\84\\121\\1,159\\1\\185\\159$	231 232 233 234 235 236 237 238 239 240
	0	0	22	11	34	42	103	75	1	2	0	0	0	0	138	119	241
	20 0	0	80 19	00	0 85	000	868 11	0	21 0	0	15 0	0	60 0	0	926 96	0 0	242 243

TABLE 29.—Statistics of universities and colleges

		·			Pro	ofess	ors a ictor	and s.
	Location.	Name.	Religious or non- sectarian control.	Year of first open- ing.	Pre atc dep me	ařt-	dep:	legi- te art- ent.
				mg.	Men.	Women.	Men.	Women.
	1	2	3	4	5	6	7	8
	NEW JERSEY.							
$244 \\ 245 \\ 246 \\ 247 \\ 248$	Jersey City Newark New Brunswick Princeton South Orange	St. Peter's College St. Benedict's College Rutgers College Princeton University Seton Hall College	R. C. R. C. Reformed Nonsect R. C.	$\begin{array}{c} 1878 \\ 1868 \\ 1766 \\ 1746 \\ 1856 \end{array}$		0 0 5 0 0	$6\\ 8\\ 30\\ 109\\ 15$	0 0 0 0
	NEW MEXICO.							
249	Albuquerque	University of New Mexico	Territory	1892	5	2	7	2
250 251 252 253 253 254 255 256 260 261 262 263 264 265 266 266 266 266 266 266 266 269 270 271 272	NEW YORK. Alfred	Alfred University	Nonsect           R. C           P. E           Nonsect           R. C           R. C           Univ           Nonsect           Bapt           Nonsect           R. C           City           Nonsect           R. C           City           Nonsect           R. C           Nonsect           R. C           Nonsect           R. C           Nonsect           M. E	$\begin{array}{c} 1836\\ 1859\\ 1860\\ 1896\\ 1854\\ 1859\\ 1870\\ 1870\\ 1870\\ 1870\\ 1870\\ 1870\\ 1870\\ 1870\\ 1870\\ 1870\\ 1870\\ 1863\\ 1847\\ 1863\\ 1849\\ 1754\\ 1863\\ 1856\\ 1850\\ 1795\\ 1871\\ \end{array}$	$\begin{array}{c} 4\\ 4\\ 0\\ 15\\ 25\\ 21\\ 10\\ 0\\ 0\\ 8\\ 0\\ 19\\ 85\\ 0\\ 10\\ 0\\ 21\\ 21\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\$	$\begin{array}{c} 4\\ 4\\ 0\\ 46\\ 5\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\$	$\begin{array}{c} 16\\ 13\\ 9\\ 19\\ 20\\ 17\\ 9\\ 9\\ 9\\ 11\\ 18\\ 16\\ 22\\ 241\\ 19\\ 55\\ 234\\ 17\\ 65\\ 55\\ 15\\ 10\\ 23\\ 23\\ 75\\ \end{array}$	3 0 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
$\begin{array}{c} 273\\ 274\\ 275\\ 276\\ 277\\ 278\\ 279\\ 280\\ 281\\ 282\\ 283\\ 284\\ 285\\ \end{array}$	Belmont. Chapel Hill. Charlotte. Davidson. Uurham Elon College. Guilford College. Hickory. Newton Raleigh. Salisbury. Wake Forest. Weaverville. NORTH DAKOTA.	St. Mary's College. University of North Carolina. Biddle University. Davidson College. Trinity College. Elon College. Guilford College. Catawba College. Shaw University. Livingstone College. Wake Forest College. Wake Forest College.	R. C. State. Presb. Presb. M. E. So. Christian. Friends. Luth. Reformed. Bapt. M. E. Z. Bapt. M. E. So	1877 1795 1868 1837 1859 1890 1837 1891 1851 1865 1882 1834 1873	$     \begin{array}{c}       2 \\       0 \\       5 \\       0 \\       6 \\       5 \\       2 \\       1 \\       5 \\       4 \\       5 \\       0 \\       1     \end{array} $	$\begin{array}{c} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 3 \\ 4 \\ 1 \\ 2 \\ 4 \\ 3 \\ 0 \\ 1 \end{array}$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 3 \\ 1 \\ 5 \\ 2 \\ 2 \\ 1 \\ 0 \\ 1 \end{array} $
286 287 288	Fargo University Wahpeton	Fargo Collegc University of North Dakota Red River Valley University	Cong State M. E	1887 1884 1892	$5 \\ 22 \\ 5 \\ 5$	5 9 5	$5 \\ 22 \\ 5 \\ 5$	5 9 5
289	оню. Akron	Buchtel College	Univ	1872	3	5	7	2
$\frac{290}{291}$	Alliance Athens	Buchtel College Mt. Union College Ohio University	M. E State	$\begin{array}{c}1846\\1809\end{array}$	11 7	38	$     \begin{array}{c}       11 \\       22     \end{array} $	$  \frac{2}{8}  $

\*Statistics of 1903-4. *a* Including Barnard College and Teachers' College.

# for men and for both sexes-Continued.

	Р		ors an uctors						5	Stude	nts.						
	Profes- sional depart- ments.		nun	uding	Prepara- tory depart- ment.			Collegiate department.		duate mer dent.	nt. Noi	art- nres- ent.	Prof sion depa men	al rt-	nun (excl	tal aber uding cates).	
	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
	0 0 0 0	0 0 0 0 0	$10 \\ 10 \\ 35 \\ 109 \\ 18$	0 0 5 0 0	$69 \\ 13 \\ 128 \\ 0 \\ 50$	0 0 37 0 0	23 21 223 1,283 80	0 0 0 0 0	$0 \\ 0 \\ 2 \\ 91 \\ 0$	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	$\begin{array}{c} 0 \\ 0 \\ 0 \\ 0 \\ 32 \end{array}$	0 0 0 0 0	$92 \\ 93 \\ 353 \\ 1,374 \\ 162$	$\begin{array}{c} 0 \\ 0 \\ 37 \\ 0 \\ 0 \end{array}$	244 245 246 247 248
	0	0	9	9	34	80	7	13	0	0	0	0	0	0	41	93	249
	$\begin{array}{c} 4\\ 5\\ 0\\ 0\\ 0\\ 0\\ 21\\ 0\\ 0\\ 12\\ 140\\ 0\\ 0\\ 145\\ 0\\ 10\\ 0\\ 74\\ 74 \end{array}$	$ \begin{array}{c} 1 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$	$\begin{array}{c} 26\\ 16\\ 9\\ 9\\ 27\\ 45\\ 28\\ 21\\ 30\\ 32\\ 18\\ 16\\ 36\\ 38\\ 140\\ 27\\ 215\\ 36\\ 27\\ 215\\ 36\\ 24\\ 23\\ 97\\ 169\\ \end{array}$	$\begin{array}{c} 7 \\ 0 \\ 46 \\ 5 \\ 0 \\ 0 \\ 2 \\ 0 \\ 0 \\ 0 \\ 0 \\ 38 \\ 0 \\ 0 \\ 0 \\ 0 \\ 1 \\ 0 \\ 23 \end{array}$	$\begin{array}{c} 70\\ 62\\ 0\\ 356\\ 361\\ 272\\ 120\\ 350\\ 0\\ 0\\ 152\\ 0\\ 341\\ 2,058\\ 0\\ 154\\ 0\\ 154\\ 0\\ 387\\ 95\\ 0\\ 0\\ 0\\ 0\\ 0 \end{array}$	$\begin{array}{c} 88\\ 0\\ 428\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\$	$\begin{array}{c} 74\\ 777\\ 43\\ 32\\ 95\\ 41\\ 60\\ 23\\ 104\\ 195\\ 799\\ 227\\ 2,288\\ 98\\ 756\\ 1,213\\ 54\\ 417\\ 122\\ 95\\ 193\\ 240\\ 240\\ 240\\ 822 \end{array}$	$\begin{array}{c} 54\\ 0\\ 0\\ 237\\ 0\\ 0\\ 0\\ 0\\ 0\\ 88\\ 0\\ 0\\ 0\\ 296\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\$	$\begin{array}{c} 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 0\\ 169\\ 0\\ 0\\ 1559\\ 0\\ 0\\ 170\\ 0\\ 0\\ 11\\ 0\\ 38\end{array}$	$egin{array}{c} 3 & 0 \\ 0 & 0 \\ 11 \\ 0 & 0 \\ 0 & 0 \\ 0 & 0 \\ 223 \\ 0 & 0 \\ 223 \\ 0 & 0 \\ 84 \\ 0 & 0 \\ 6 \\ 6 & 0 \\ 12 \end{array}$	$ \begin{array}{c} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 $		$\begin{smallmatrix} 8 \\ 48 \\ 0 \\ 0 \\ 0 \\ 0 \\ 238 \\ 0 \\ 238 \\ 0 \\ 238 \\ 0 \\ 0 \\ 1,331 \\ 0 \\ 0 \\ 1,095 \\ 0 \\ 0 \\ 1,095 \\ 0 \\ 34 \\ 0 \\ 386 \\ 276 \\ \end{smallmatrix}$	$ \begin{array}{c} 2 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$	$\begin{array}{c} 150\\ 187\\ 43\\ 411\\ 456\\ 313\\ 236\\ 313\\ 341\\ 195\\ 799\\ 421\\ 3, 159\\ 446\\ 2, 814\\ a3, 201\\ 208\\ 1, 955\\ 5009\\ 224\\ 209\\ 626\\ 1, 282\\ \end{array}$	$155 \\ 0 \\ 0 \\ 864 \\ 0 \\ 0 \\ 0 \\ 0 \\ 94 \\ 0 \\ 0 \\ 358 \\ 0 \\ a1,037 \\ 0 \\ 342 \\ 0 \\ 0 \\ 342 \\ 0 \\ 0 \\ 3342 \\ 0 \\ 0 \\ 0 \\ 342 \\ 0 \\ 0 \\ 0 \\ 0 \\ 1,106 \\ 0 \\ 1,106 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\$	$\begin{array}{c} 250\\ 251\\ 252\\ 253\\ 254\\ 255\\ 256\\ 257\\ 258\\ 259\\ 260\\ 261\\ 262\\ 263\\ 264\\ 265\\ 266\\ 266\\ 266\\ 266\\ 266\\ 266\\ 266$
	$2 \\ 21 \\ 4 \\ 0 \\ 3 \\ 0 \\ 0 \\ 0 \\ 0 \\ 11 \\ 2 \\ 1 \\ 0 \\ 0 \\ 0 \\ 11 \\ 2 \\ 1 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$ \begin{array}{c} 12\\ 66\\ 14\\ 19\\ 31\\ 9\\ 7\\ 7\\ 5\\ 5\\ 17\\ 24\\ 4 \end{array} $	$\begin{array}{c} 0\\ 0\\ 0\\ 0\\ 0\\ 3\\ 5\\ 6\\ 2\\ 13\\ 6\\ 0\\ 2\end{array}$	$\begin{array}{c} 28\\ 0\\ 83\\ 0\\ 181\\ 50\\ 88\\ 20\\ 61\\ 120\\ 153\\ 0\\ 79\end{array}$	$\begin{array}{c} 0 \\ 0 \\ 0 \\ 0 \\ 25 \\ 15 \\ 50 \\ 10 \\ 28 \\ 166 \\ 242 \\ 0 \\ 66 \\ \end{array}$	$\begin{array}{c} 60\\ 404\\ 120\\ 245\\ 188\\ 33\\ 43\\ 101\\ 11\\ 35\\ 23\\ 3232\\ 32 \end{array}$	$egin{array}{c} 0 \\ 4 \\ 0 \\ 0 \\ 51 \\ 35 \\ 28 \\ 70 \\ 8 \\ 14 \\ 4 \\ 5 \\ 0 \\ 21 \end{array}$		0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 10 0 0 3 0 0 0 0 0 0 0 0 0 0 0 0		$14 \\ 240 \\ 17 \\ 0 \\ 6 \\ 0 \\ 0 \\ 0 \\ 0 \\ 198 \\ 33 \\ 80 \\ 0$		$\begin{array}{c} 123\\ 661\\ 220\\ 246\\ 375\\ 86\\ 131\\ 121\\ 72\\ 324\\ 209\\ 313\\ 111\end{array}$	0 6 0 76 50 78 80 36 180 247 0 87	273 274 275 276 277 278 279 280 281 282 283 284 283 284 285
	0 9 0	0 0 0	7 31 5	6 9 5	33 85 62	34 80 25	25 94 12	29 23 5	0 5 0	0 1 0	0 0 0	0 0 0	0 47 0	0 2 0	72 297 99	159 158 125	286 287 288
	0 0 0	0 0 0	17 29	7 10 15	39 90 263	43 82 294	46 182	44 38 119	0 0 7	003	0	0	00000		76 253 531	516	
c	0 0 b Stu	0	17 29 of coll	10 15	90 263	82 294	46	38 119	07	03	0	0		0	253 531	274	290 291

ED 1905-VOL 1----41

TABLE 29.-Statistics of universities and colleges

							ors a ctor	
	Location.	Location. Name. Religious or non- sectarian control.		Year of first open- ing.	Prepar- atory depart- ment.		Coll at dep me	art-
					Men.	Women.	Men.	Women.
	3.	2	3	4	5	6	7	8
	OHIO-continued.							
292 293 295 295 295 297 293 300 300 300 305 306 305 306 305 306 305 306 310 311 312 313 314 315 316 317 316 317 318 318 319 321 322 323	Berea	Baldwin University. German Wallace College. St. Xavier College. St. Xavier College. University of Cincinnati. St. Ignatius College. Western Reserve University. Capital University. Ohio State University. St. Mary's Institute. Defiance College. Ohio Wesleyan University. Findlay College *. Kenyon College. Denison University. Hiram College *. Marietta College. Franklin College. Franklin College. Franklin College. Marietta College. Marietta College. Marietta College. Marietta College. Miani University. Riehmond College. Miani University. Riehmond College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Wittenberg College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. Minder College. M	M. E Ref. Presb. R. C Nonsect. Luth State. R. C Christian. M. E. Christian. M. E. Christian. Luth Nonsect. Nonsect. Nonsect. Free Bapt. Nonsect. Free Bapt. Kate. Nonsect. Free Bapt. Nonsect. Free Bapt. Nonsect. Free Bapt. Nonsect. Free Bapt. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect. Nonsect.	1846 1864 1894 1891 1873 1874 1826 1826 1826 1826 1837 1832 1835 1832 1835 1837 1833 1835 1837 1833 1834 1835 1837 1844 1835 1837 1845 1857 1845 1857 1847 1850 1857 1857 1857 1857 1857 1857 1857 1857	$\begin{array}{c} 4 \\ 6 \\ 4 \\ 9 \\ 6 \\ 12 \\ 0 \\ 1 \\ 0 \\ 4 \\ 3 \\ 9 \\ 1 \\ 13 \\ 7 \\ 0 \\ 5 \\ 3 \\ 2 \\ 2 \\ 3 \\ 2 \\ 2 \\ 5 \\ 6 \\ 3 \\ 6 \\ 2 \\ 9 \\ 7 \end{array}$	$\begin{array}{c} 0 \\ 1 \\ 0 \\ 4 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 3 \\ 7 \\ 0 \\ 0 \\ 4 \\ 3 \\ 4 \\ 2 \\ 2 \\ 9 \\ 4 \\ 1 \\ 2 \\ 2 \\ 1 \\ 0 \\ 3 \\ 3 \\ 5 \\ 5 \\ 2 \end{array}$	$\begin{array}{c} 24\\ 9\\ 5\\ 9\\ 45\\ 8\\ 52\\ 4\\ 116\\ 16\\ 41\\ 3\\ 14\\ 6\\ 11\\ 5\\ 12\\ 5\\ 8\\ 322\\ 2\\ 3\\ 5\\ 14\\ 10\\ 0\\ 6\\ 5\\ 18\\ 7\end{array}$	$\begin{array}{c} 4 \\ 0 \\ 2 \\ 0 \\ 8 \\ 0 \\ 4 \\ 0 \\ 4 \\ 0 \\ 4 \\ 0 \\ 4 \\ 4 \\ 4$
324	окілномл. Norman	University of Oklahoma	Territory	1892	5	0	25	0
	OREGON.							
325 326 327 328 329 330 331 332	Albany. Dallas. Eugene. Forest Grove McMinnville. Newberg. Philomath Salem.	Albany College Dallas College University of Oregon. Pacific University. McMinnville College. Pacific College* Philomath College. Willamette University*	Presb. Un. Evang State. Cong Bapt. Friends U. B. M. E.	1867 1900 1876. 1853 1858 1891 1866 1844	8 2 5 3 3 7	1 1 2 4 3 5 5	$     \begin{array}{r}       7 \\       5 \\       28 \\       11 \\       5 \\       3 \\       7     \end{array} $	$     \begin{array}{c}       1 \\       2 \\       9 \\       5 \\       4 \\       2 \\       5 \\       5 \\       5     \end{array} $
	PENNSYLVANIA.							
333 334 335 336 337 338 341 342 343 344 344 345 346	Allegheny. Allentown. Annville. Beatty. Beaver Falls. Bethlehem. Carlisle. Chester. Collegeville. Easton Gettysburg. Gerove City. Haverford.	Western University of Pennsylvania Muhlenberg College. Lebanon Valley College <sup>®</sup> . St. Vincent College Bcaver College Geneva College. Moravian College Dickinson College Pennsylvania Military "College. Ursinus College. Lafayette College. Pennsylvania College. Haverford College. Haverford College.	Nonsect Luth. U. B. R. C. M. E. Moravian. M. E. Nonsect. Luth. Nonsect. Friends.	1786 1867 1866 1846 1853 1849 1807 1783 1862 1870 1832 1832 1832 1832 1834 1333	0 2 6 27 4 8 0 9 14 4 0 3 1 0	0 0 1 0 4 1 0 0 0 1 0 0 1 0 0 1 0	18 13 24 8 5 8 6 16 14 10 30 10 12 20	0 0 2 0 4 1 0 0 0 0 0 0 0 0 8 0

\*Statistics of 1903-4.

for men and for both sexes-Continued.

rplicates). ment. Residuates in the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s	len.	Ten ten ten ten ten ten ten ten ten ten t	len.	ten ten ten ten ten ten ten ten ten ten	ten.	ren ren ren ren ren ren ren ren ren ren
					W c W c W c W C W C W C W C W C W C W C	Won Won Won Wou Wou Won Won Won Won Won Won
	<b>12 13 14 15 16 17 18</b>	<b>12 13 14 15 16 17 18 19</b>				
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
$ \begin{array}{c} 0 \\ 0 \\ 0 \\ 17 \\ 0 \\ 8 \\ 0 \\ 34 \\ 0 \\ 32 \\ 0 \\ 0 \\ 0 \\ 32 \\ 0 \\ 0 \\ 0 \\ 0 \\ 1 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$	$ \begin{bmatrix} 0 & 0 \\ 0 & 0 \\ 0 & 0 \\ 0 \\ 0 \\ 0 \\ 0 \\$	$ \begin{smallmatrix} 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \\ 0 & 0 &$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
	0 0 0 0 0 0 0 0 0 0 0 0 0 0	$ \begin{smallmatrix} 0 & 0 \\ 0 & 0 \\ 0 & 0 \\ 0 \\ 0 \\ 0 \\ 0 \\$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$

TABLE 29.—Statistics of universities and colleges

							ors a ictor	
	Location.	Name.	Religious or non- sectarian control.	Year of first open- ing.	at dep	par- ory art- ent.	Coll at dep me	te art-
					Men.	Women.	Men.	Women.
	1	2	3	4	5	6	7	8
	PENNSYLVANIA-con.							
347 348 350 351 352 353 354 355 355 355 355 355 355 355 355	Huntingdon. Lancaster. Lewisburg. Lincoln University. Mcadville Myerstown. New Wilmington. Philadelphia. do. Hitsburg. Solinggrove. South Bethlehem. State College.	Juniata College Franklin and Marshall College Bucknell University Allegheny College Westminster College Central High School Temple College University of Pennsylvania Holy Ghost College Susquehanna University Lehigh University Pennsylvania State College Swarthmore College	Ger. Bapt Reformed Bapt Presb M. E. Un. Evang. Un. Presb. City Nonsect Nonsect R. C. Luth Nonsect State	1876 1836 1846 1854 1815 1881 1852 1857 1891 1740 1878 1858 1866 1859	$14 \\ 7 \\ 8 \\ 4 \\ 7 \\ 8 \\ 6 \\ 0 \\ 15 \\ 0 \\ 8 \\ 4 \\ 0 \\ 6 \\ 0 \\ 6 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$	$     \begin{array}{c}       1 \\       0 \\       10 \\       2 \\       1 \\       5 \\       0 \\       6 \\       0 \\       1 \\       0 \\       1 \\       0 \\       1     \end{array} $	$\begin{array}{r} 9\\ 14\\ 33\\ 11\\ 14\\ 12\\ 9\\ 63\\ 14\\ 131\\ 17\\ 6\\ 59\\ 55\\ \end{array}$	$ \begin{array}{c} 1\\0\\0\\2\\1\\4\\0\\0\\0\\1\\0\\6\end{array} $
$361 \\ 362 \\ 363 \\ 364 \\ 365$	Swarthmore. Villanova. Volant. Washington. Waynesburg.	Villanova College. Volant College Washington and Jefferson College. Waynesburg College.	Friends R. C. Nonsect Presb. Cumb. Presb	1803 1869 1842 1893 1802 1851	$     \begin{array}{c}       0 \\       15 \\       3 \\       7 \\       11     \end{array}   $	0 0 2 0 6	$     \begin{array}{c}       24 \\       9 \\       3 \\       22 \\       11     \end{array} $	6 6 0 2 0 6
	RHODE ISLAND.							
366	Providence	Brown University	Bapt	1764	0	0	77	3
367	SOUTH CAROLINA. Charleston	College of Charleston	City	1790	0	0	8	0
368	Clinton	Presbyterian College of South Caro-	City Presb	1880	3	0	6	Ő
369 370 371 372 373 374 375	Columbia	Allen University	A. M. E State Bapt Luth M. E M. E. So	1881 1805 1839 1852 1858 1858 1869 1854	$     \begin{array}{c}       1 \\       0 \\       2 \\       3 \\       1 \\       7 \\       5     \end{array} $	2 0 0 0 7 0	$5 \\ 24 \\ 7 \\ 10 \\ 10 \\ 7 \\ 11$	2 7 0 0 0 7 0
376 377 378 379 380	SOUTH DAKOTA. Huron Mitehell. Redfield Vermilion Yankton.	Huron College Dakota Wesleyan University Redfield College University of South Dakota Yankton College	Presb M. E Cong State Cong	1883 1885 1887 1882 1882		$5 \\ 8 \\ 4 \\ 10 \\ 2$	$     \begin{array}{c}       6 \\       7 \\       4 \\       24 \\       10     \end{array} $	$5 \\ 1 \\ 4 \\ 10 \\ 2$
	TENNESSEE.				-			
381 382 383	A thens Bristol Clarksville	Grant University* King College Southwestcrn Presbyterian Univer- sity.	M. E Presb Presb	$1867 \\ 1869 \\ 1855$	6 3 0	5 0 0	7 3 7	$\begin{array}{c} 2\\ 0\\ 0\end{array}$
384 385 386 387 388 389 390 391 392 393 394 395 396 397	Hiwassee College Jaekson. Jefferson City. Lebanon. McKenzie. Maryville Memphis. Milligan. Nashville. do. do.	Hiwassee College. Southwestern Baptist University. Carson and Newman College. University of Tennessee. Cumberland University. Bethel College. Maryville College. Christian Brothers' College. Milligan College. Fisk University. Roger Williams University. Vanderbilt University. Walden University.	Nonsect Bapt Bapt Un. Presb State Cumb. Presb Presb. R. C Christian Cong Bapt M. E. So M. E.	$\begin{array}{c} 1849\\ 1847\\ 1851\\ 1875\\ 1794\\ 1842\\ 1850\\ 1819\\ 1871\\ 1882\\ 1866\\ 1865\\ 1865\\ 1875\\ 1866\end{array}$	1 8 8 0 0 0 3 7 5 7 0 5	$     \begin{array}{c}       1 \\       2 \\       1 \\       9 \\       0 \\       0 \\       1 \\       1 \\       0 \\       5 \\       6 \\       4 \\       2     \end{array} $	27712 53982 1283 302 303	$ \begin{array}{c} 1 \\ 5 \\ 2 \\ 4 \\ 1 \\ 2 \\ 8 \\ 0 \\ 3 \\ 6 \\ 0 \\ 3 \\ 6 \\ 0 \\ 3 \\ \end{array} $

\* Statistics of 1903-4.

a Changed to University of South Carolina in 1906.

,

#### for men and for both sexes—Continued.

TABLE 29.—Statistics of universities and colleges

					Pro	ofess stru	ors a ctor:	nd s.
-	Location.	Name.	Religious or non- sectarian control.	Year of first open- ing.	ato dep	par- ory art- nt.	Coll at depa mer	art-
				шg.	Men.	Women.	Men.	Women.
	1	. 2	3	4	5	6	.7	8
	TENNESSEE-cont'd.							
$398 \\ 399 \\ 400 \\ 401 \\ 402$	Scwanee. Spencer. Sweetwater. Tusculum. Washington College.	University of the South Burritt College	P. E. Christian Nonsect Presb. Presb.	1868 1848 1874 1794 1795	9 1 5 2	$     \begin{array}{c}       0 \\       1 \\       2 \\       2 \\       1     \end{array} $	$\begin{array}{c}14\\3\\4\\6\\5\end{array}$	0 1 0 6 3
	TEXAS.							
$\begin{array}{c} 403\\ 404\\ 405\\ 406\\ 407\\ 408\\ 409\\ 410\\ 411\\ 412\\ 413\\ 414\\ 415\\ 416\\ \end{array}$	Austindo. Brownwood Fort Worth Galveston. Georgetown Greenville. Marshall. North Waco Sherman Waco Waxahachie.	St. Edward's College * University of Texas. Howard Payne College. Fort Worth University. Polytechnic College. St. Mary's University *. Burleson College. Wiley University. Texas Christian University * Austin College. Baylor University. Paul Quinn College. Trinity University.	R. C. State. Bapt. M. E. M. E. So. R. C. Bapt. M. E. Christian. Presb. Bapt. A. M. E. Cumb. Presb	1885 1883 1890 1881 1891 1854 1873 1873 1873 1873 1873 1875 1845 1881 1869	$ \begin{array}{c} 9 \\ 0 \\ 4 \\ 6 \\ 5 \\ 2 \\ 4 \\ 5 \\ 4 \\ 1 \\ 6 \\ 7 \\ 3 \\ 14 \end{array} $	$\begin{array}{c} 0 \\ 0 \\ 1 \\ 4 \\ 2 \\ 0 \\ 1 \\ 0 \\ 2 \\ 3 \\ 0 \\ 7 \\ 1 \\ 3 \end{array}$	$7 \\ 61 \\ 4 \\ 6 \\ 4 \\ 12 \\ 4 \\ 4 \\ 8 \\ 6 \\ 15 \\ 5 \\ 14$	$\begin{array}{c} 0 \\ 17 \\ 2 \\ 2 \\ 0 \\ 0 \\ 0 \\ 2 \\ 1 \\ 0 \\ 2 \\ 1 \\ 3 \end{array}$
410	UTAH.	Timity University	Cumb. 1 1635	1009	14	J	17	0
417 418	Logan Salt Lake City	Brigham Young College University of Utah	L.D.Saints. State	$1878 \\ 1850$	16 17	$\frac{11}{2}$	$\frac{16}{29}$	$^2_1$
	VERMONT.				1			
419	Burlington	Agricultural College.	State	1800	0	0	36	0
420 421	Middlebury Northfield	Middlebury College Norwich University	Nonsect	$\frac{1800}{1834}$	00	0 0	$^{12}_{8}$	0
	VIRGINIA.							
422 423 424 425 426 427 428 429 430 431 432	Ashland Bridgewater Charlottesville Emory. Fredericksburg Hampden-Sidney Lexington Richmond do Salem Williamsburg	Randolph-Macon College. Bridgewater College. University of Virginia. Emory and Henry College. Fredericksburg College. Mampden-Sidney College. Washington and Lee University. Richmond College. Virginia Union University. Roanoke College. College of William and Mary.	M. E. So Ger. Bapt State M. E. So Presb Nonsect Bapt Bapt Luth State	$\begin{array}{c} 1832\\ 1879\\ 1825\\ 1838\\ 1893\\ 1776\\ 1749\\ 1832\\ 1899\\ 1853\\ 1693 \end{array}$	9 0 2 7 0 0 0 5 2	3 0 4 0 0 0 4 0 0 4 0	$ \begin{array}{c} 11 \\ 5 \\ 29 \\ 7 \\ 7 \\ 26 \\ 14 \\ 4 \\ 10 \\ 9 \end{array} $	0 0 4 0 0 0 0 0 0 0
	WASHINGTON.							
433 434 435 436 437 438	Burton Seattle Spokane Tacomado Walla Walla	Vashon College. University of Washington Gonzaga College. University of Puget Sound *. Whitworth College. Whitman College.	Nonsect State R. C M. E Presb Cong	1892 1862 1887 1903 1890 1866	3  3 7 4 8	2 0 3 5 4	2 38 21 5 9 10	2 6 0 2 7 5
	WEST VIRGINIA.							
$439 \\ 440 \\ 441 \\ 442$	Barboursville Bethany Elkins Morgantown	Morris Harvey College. Bethany College Davis and Elkins College. West Virginia University	M. E. So Christian Presb State	$     1888 \\     1841 \\     1904 \\     1868   $	5 2 5 4	5 1 0 3	3 8 5 39	3 5 0 6

\* Statistics of 1903-4.

e

# for men and for both sexes-Continued.

 I		ors an uctors						ç	stude	nts.						
	ofes- nal	nun	tal iber uding	Prep to dep:	ry		giate tment.	Gra	dua te mei	it.		Prof sior depa	nat	nun	tal iber uding	
mei		duplic		me		dopar		Resi	dent.	Noi ide	nres- ent.	men	ts.	duplic		
Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
32 0 0 0 0	0 0 0 0 0	41 9 5 7 7 7	$     \begin{array}{c}       0 \\       5 \\       2 \\       6 \\       4     \end{array}   $	$183 \\ 43 \\ 45 \\ 106 \\ 57$	0 27 8 82 47	$150 \\ 106 \\ 5 \\ 18 \\ 18 \\ 18$	$0 \\ 38 \\ 3 \\ 26 \\ 15$	0 0 0 0	0 0 0 0 0	0 0 0 0	0 0 0 0 0	$\begin{array}{c}179\\0\\0\\0\\0\\0\end{array}$	0 0 0 0	$480 \\ 149 \\ 50 \\ 124 \\ 75$	$\begin{array}{c} 0 \\ 65 \\ 11 \\ 108 \\ 62 \end{array}$	398 399 400 401 402
$\begin{array}{c} 0\\ 23\\ 0\\ 32\\ 0\\ 0\\ 37\\ 0\\ 0\\ 4\\ 0\\ 34\\ 1\\ 0 \end{array}$	0 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$17 \\ 89 \\ 6 \\ 42 \\ 17 \\ 6 \\ 52 \\ 5 \\ 4 \\ 16 \\ 6 \\ 6 \\ 6 \\ 9 \\ 14$	$\begin{array}{c} 0\\ 20\\ 6\\ 8\\ 4\\ 0\\ 7\\ 3\\ 2\\ 6\\ 0\\ .12\\ 2\\ 3\end{array}$	$\begin{array}{c} 175 \\ \cdot \ 0 \\ 91 \\ 64 \\ 240 \\ 32 \\ 120 \\ 46 \\ 108 \\ 32 \\ 186 \\ 20 \\ 61 \end{array}$	$\begin{array}{c} 0 \\ 0 \\ 95 \\ 51 \\ 160 \\ 0 \\ 54 \\ 20 \\ 18 \\ 80 \\ 0 \\ 102 \\ 25 \\ 60 \end{array}$	$\begin{array}{c} 80\\ 501\\ 42\\ 23\\ 60\\ 46\\ 130\\ 77\\ 24\\ 60\\ 70\\ 256\\ 26\\ 26\\ 70\end{array}$	$\begin{array}{c} 0\\ 297\\ 48\\ 9\\ 40\\ 0\\ 55\\ 63\\ 9\\ 40\\ 0\\ 250\\ 29\\ 22 \end{array}$	'0 11 0 0 0 0 1 0 0 1 0 0 2 0 0	$\begin{array}{c} 0 \\ 10 \\ 0 \\ 0 \\ 0 \\ 0 \\ 1 \\ 0 \\ 0 \\ 1 \\ 0 \\ 3 \\ 0 \\ 0 \\ 0 \\ \end{array}$	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 4 8 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$\begin{array}{c} 0 \\ 413 \\ 0 \\ 176 \\ 0 \\ 0 \\ 35 \\ 0 \\ 0 \\ 35 \\ 0 \\ 0 \\ 154 \\ 10 \\ 0 \end{array}$	$     \begin{array}{c}       0 \\       27 \\       0 \\       1 \\       0 \\       0 \\       3 \\       0 \\       0 \\       7 \\       0 \\       5 \\       1 \\       0 \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       7       \\       0       \\       5       \\       1       \\       0       \\       0       \\       0       \\       5       \\       1       \\       0       \\       0       \\       0       \\       0       \\       5       \\       1       \\       0       \\       0       \\       0       \\       0       \\       5       \\       1       \\       0       \\       0       \\       0       \\       0       \\       5       \\       1       \\       0       \\       0       \\       0       \\       0       \\       0       \\       5       \\       1       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\       0       \\      $	$\begin{array}{c} 255\\ 901\\ 133\\ 300\\ 300\\ 80\\ 293\\ 114\\ 70\\ 236\\ 106\\ 606\\ 56\\ 131 \end{array}$	$\begin{array}{c} 0\\ 334\\ 162\\ 264\\ 200\\ 0\\ 145\\ 93\\ 27\\ 192\\ 0\\ 363\\ 55\\ 82\\ \end{array}$	$\begin{array}{c} 403\\ 404\\ 405\\ 406\\ 407\\ 408\\ 409\\ 410\\ 411\\ 412\\ 413\\ 414\\ 415\\ 416\\ \end{array}$
0 0	° 0	32 38	13 5	335 241	401 292	37 230	29 141	0 0	0 0	0 0	0 0	0 0	0 0	385 477	440 433	417 418
33	0	69	0	0	0	265	55	1	0	0	0	193	0	476	65	419
0 0	0 0	12 8	0 0	0 0	0	81 120	53 0	0	0	0	0	0	0	81 120	53 0	420 421
$\begin{array}{c} 0\\ 0\\ 28\\ 0\\ 0\\ 4\\ 3\\ 3\\ 0\\ 0\end{array}$	0 0 0 0 0 0 0 0 0 0 0 0 0 0	11 9 60 9 7 7 30 0 17 12 12 12 9	$3 \\ 0 \\ 0 \\ 4 \\ 0 \\ 0 \\ 4 \\ 0 \\ 0 \\ 0 \\ 0$	120 0 72 50 0 0 174 35	75 0 0 80 0 0 0 7	$138 \\ 10 \\ 394 \\ 77 \\ 20 \\ 72 \\ 273 \\ 190 \\ 95 \\ 195$	$     \begin{array}{c}       3 \\       4 \\       0 \\       0 \\       15 \\       0 \\       0 \\       15 \\       0 \\       0 \\       18 \\       0 \\       20 \\       0 \\       0     \end{array} $	$\begin{array}{c} 0\\ 0\\ 32\\ 0\\ 0\\ 12\\ 0\\ 4\\ 0\\ 4\\ 0 \end{array}$	0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0		$\begin{array}{c} 0\\ 0\\ 345\\ 0\\ 0\\ 0\\ 50\\ 30\\ 47\\ 0\\ 0\end{array}$	0 0 0 0 0 0 0 0 0 0 0 0	$\begin{array}{c} 138\\ 130\\ 706\\ 149\\ 70\\ 72\\ 335\\ 220\\ 250\\ 153\\ 195\end{array}$	$3 \\ 79 \\ 0 \\ 0 \\ 95 \\ 0 \\ 0 \\ 18 \\ 0 \\ 27 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ $	422 423 424 425 426 427 428 429 430 431 432
0 3 2 0 0 0	0 0 0 0 0 0	$5 \\ 41 \\ 26 \\ 7 \\ 9 \\ 14$		61 105 70 42 123	17 0 43 61 88	$12 \\ 376 \\ 160 \\ 21 \\ 32 \\ 47 \\ 12 \\ 47 \\ 12 \\ 12 \\ 12 \\ 12 \\ 12 \\ 12 \\ 12 \\ 1$	$7 \\ 294 \\ 0 \\ 16 \\ 34 \\ 43$	$     \begin{array}{c}       0 \\       16 \\       20 \\       0 \\       0 \\       3     \end{array} $	0 36 0 0 2	$     \begin{array}{c}       0 \\       0 \\       0 \\       0 \\       0 \\       1     \end{array} $	$     \begin{array}{c}       0 \\       0 \\       0 \\       0 \\       1     \end{array} $	$     \begin{array}{c}       0 \\       84 \\       12 \\       0 \\       0 \\       0 \\       0     \end{array} $	0 8 0 0 0 0	73 473 442 107 74 174	24 338 0 130 95 124	433 434 435 436 437 428
0 6 0 5	0 0 0 0	5 20 5 53	$5 \\ 7 \\ 0 \\ 11$		75 19 16 70	$15 \\ 130 \\ 10 \\ 418$	$756 \\ 2251$	0 0 0 2	0 0 0 0	0 0 0 0	0 0 0 0	0 9 0 211	0 0 0 0	76 169 36 778	82 75 18 327	439 440 441 442

	Location.	Name.	Religious or non- sectarian control.	Year of first open- ing.	Prep ato dep		a1	egi- e art-
				115.	Men.	Women.	Men.	Women.
	1	2	3	4	5	6	7	8
443 444 445 446 447 448 449 450 451 452	WISCONSIN. Appleton Beloit Madison Milton Milwaukee Ao. Plymouth. Ripon. Watertown. Watertown. Waukesha WYOMING.	Milton College. Concordia College. Marquette College. Mission House.	do State 7th D. Bapt Luth	1849 1847 1850 1844 1881 1881 1881 1853 1865 1846		$     \begin{array}{c}       3 \\       0 \\       0 \\       1 \\       0 \\       0 \\       5 \\       0 \\       3 \end{array} $	$     \begin{array}{r}       16 \\       23 \\       222 \\       7 \\       9 \\       8 \\       11 \\       12 \\       6 \\       7 \\       7     \end{array} $	$     \begin{array}{r}       4 \\       2 \\       25 \\       4 \\       0 \\       0 \\       3 \\       0 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\       3 \\    $
453	Laramie	University of Wyoming	State	1887	6	4	13	5

TABLE 29.—Statistics of universities and colleges

\* Statistics of 1903-4.

for men and for both sexes—Continued.

1	Profess instru	ors an ictors.	d					1	Stude	nts.						
sic dep	ofes- onal oart- nts.	nur (excl	otal nber uding cates).	Prep to depa me	art-		egiate tment.		duate mer dent.	nt. Noi	art-	Prof sion depa men	al irt-	nun (exel	tal nber uding eates).	
Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	Men.	Women.	
9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	
$\begin{array}{c} 0\\ 0\\ 10\\ 0\\ 0\\ 0\\ 4\\ 0\\ 0\\ 0\\ 0\end{array}$	0 0 0 0 0 0 0 0 0 0 0 0	$25 \\ 28 \\ 232 \\ 7 \\ 9 \\ 17 \\ 19 \\ 12 \\ 11 \\ 9$		$\begin{array}{c} 48\\ 172\\ 0\\ 34\\ 100\\ 138\\ 44\\ 9\\ 128\\ 81 \end{array}$	$30 \\ 0 \\ 29 \\ 0 \\ 0 \\ 0 \\ 13 \\ 6 \\ 40$	$116 \\ 151 \\ 1,964 \\ 16 \\ 152 \\ 107 \\ 31 \\ 39 \\ 51 \\ 21$	$120 \\ 91 \\ 715 \\ 16 \\ 0 \\ 0 \\ 3 \\ 44 \\ 1 \\ 15$	$egin{array}{c} 0 \\ 0 \\ 119 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \end{array}$	$egin{array}{c} 1 \\ 2 \\ 29 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \end{array}$	$5 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ $	$ \begin{array}{c} 1 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$	$\begin{array}{c} 0\\ 0\\ 183\\ 0\\ 0\\ 0\\ 15\\ 0\\ 0\\ 0\\ 0\end{array}$	0 0 0 0 0 0 0 0 0 0 0	$235 \\ 310 \\ 2,266 \\ 71 \\ 252 \\ 245 \\ 90 \\ 56 \\ 179 \\ 122$	$248 \\ 138 \\ 744 \\ 67 \\ 0 \\ 0 \\ 35 \\ 7 \\ 80$	$\begin{array}{r} 443\\ 444\\ 445\\ 446\\ 447\\ 448\\ 449\\ 450\\ 451\\ 452\end{array}$
0	0	13	5	26	18	40	22	1	1	1	0	0	0	92	121	453

	٠	Num	ber of st	tudents i	in und	ergrad	luate cor	trses.
	Name.	Liberal arts.	Agriculture.	Mechanical en- gineering.	Civil engineer- ing.	Electrical en- gineering.	Chemical en- gineering.	Mining engi- neering.
	1	2	3	4	5	G	7	8
	ALABAMA.						-	
$     \begin{array}{c}       1 \\       2 \\       3 \\       4 \\       5     \end{array} $	Howard College Southern University. St. Bernard College Spring Hill College. University of Alabama.	$100 \\ 131 \\ 45 \\ 130 \\ 241$	0	0	 0 14	0	0	
6	ARIZONA. University of Arizona ARKANSAS.	12			2			11
$7 \\ 8 \\ 9 \\ 10 \\ 11 \\ 12 \\ 13$	Henderson College. Ouachita College. Arkansas College. Arkansas Cumberland College. Hendrix College. University of Arkansas. Philander Smith College.	$\begin{array}{c} 68\\ 226\\ 43\\ 23\\ 41\\ 248\\ 21 \end{array}$	9	15	76	36	7	2
$14 \\ 15 \\ 16 \\ 17 \\ 18 \\ 19 \\ 20 \\ 21 \\ 22 \\ 23 \\ 24 \\ 25$	CALIFORNIA. University of California Pomona Coliege Occidental College St. Vincent's College University of Southern California California College St. Mary's College Throop Polytechnic Institute St. Ignatius College University of the Paelfie Santa Clara College Leland Stanford Junior University	$1,418\\183\\107\\110\\164\\7\\65\\5\\162\\23\\96\\1,046$	106  0 	a 266	207    	10 0 110	0	285 
26 27 28 29	COLORADO. University of Colorado Colorado College College of the Sacred Heart	381 278 50		16	43 11	96 10	13	12
29	University of Denver	366						
$30 \\ 31 \\ 32$	Trinity College. Wesleyan University. Yale University.	$131 \\ 292 \\ 1,275$	<i>b</i> 63	90	17 85	67		45
$33 \\ 34$	DELAWARE. State College for Colored Students Delaware College.	26	25 7	9	38	32		
	DISTRICT OF COLUMBIA.		-					-
$35 \\ 36 \\ 37 \\ 38 \\ 39 \\ 40 \\ 41$	Catholie University of America Gallaudet College Georgetown University. George Washington University Gonzaga College Howard University St. John's College. *Statistics of 1903-4. <i>a</i> Includes el	8 76 84 378 7 43 25		1 16	7 53	3	1 15 Forestr	

598

colleges for men and for both sexes.

Ī	Num	iber of gradu	studer iate co	nts in u ourses.	nder-	Col. stud study	lege ents ring—	stude	ber of nts in gogy.	Numb studen busir cour	ts in less	military	lsic.		
	General engi- neering.	Architecture.	Sanitary engi- neering.	Hou sehold economy.	Commerce.	Latin.	Greek.	Men.	Women.	Men.	Women.	Students in drill.	Students in music.	Students in art.	
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s	0	0	0	0	0	$100 \\ 75 \\ 31 \\ 106 \\ 174$	60 50 22 85 86	0	0	55 80	000	170 0	18 36	 11 	$ \frac{1}{2345} $
	1					5	2	4	1	12	17	62			6
						52 80 43 23 41 101 23	$15 \\ 20 \\ 15 \\ 4 \\ 20 \\ 12 \\ 21$		 68 37	7 15 8 	15 25 2 2	180 407	45 265 38 19 81	7 40 14 5	7 8 9 10 11 12 13
		8			125	391 60	122 25	58 0	269 3	58	0	1,009	69 52	$243 \\ 15$	14 15
	0	0	0	0	0	$\begin{array}{r} 60\\ 183\\ 5\\ 42\\ 0\\ 162\end{array}$	$50 \\ 49 \\ 1 \\ 12 \\ 0 \\ 125$	73	0 17	40 25 78 29 70	$\begin{array}{c} 0\\ 14\\ 0\\ 14\\ 0\\ 14\\ 0 \end{array}$	250 0	112 48 0 83 127	60 12 194 28	$     \begin{array}{r}       15 \\       16 \\       17 \\       18 \\       19 \\       20 \\       21 \\       22 \\       23 \\       24 \\       25 \\       \end{array} $
	0		0			213 62	172 10	0	0	94	0	0	68	28	24 25
	9			· · · · · · · ·	 	$\begin{array}{c}110\\53\\46\end{array}$	42 52 46	24 35	50 41	102	0		48 49 24	4	26 27 28 29
	 		3		· · · · · · · · · · · · · · · · · · ·	50 216	40 117								30 31 32
				14		42	6					50 103			33 34
		10				$51 \\ 84 \\ 63 \\ 7 \\ 31$	$0 \\ 61 \\ 14 \\ 7 \\ 29$	2	3	13 7	20 0	76	11 91	22	35 16 37 88 89 40 41

		Num	ber of st	udents i	n und	erg <b>r</b> ad	uate cou	rses.
	Name.	Liberal arts.	Agriculture.	Mechanical en- gineering.	Civil engineer- ing.	Electrical en- gineering.	Chemical en- gineering.	Mining engi- neering.
	1	2	3	4	5	6	7	8
	FLORIDA.			1				
42 43 44 45 46	John B. Stetson University * University of Florida. St. Leo College Florida State College * Rollins College	$46 \\ 13 \\ 20 \\ 118 \\ 27$	26	2 9	3	1		
47 48	GEORGIA. University of Georgia Atlanta Baptist College	$132 \\ 16$	56 0	0	50 0	18 0	0	0
49 50	Atlanta Baptist College Atlanta University Morris Brown College Bowdon College*	44 9						
51	Bowdon College* North Georgia Agricultural College	90 38	20					10
52 53 54 55	Mercer University Emory College	$\frac{196}{223}$						
56	Bowdon College*. North Georgia Agricultural College Mercer University. Emory College. Clark University Namule Lou Warthen Institute Young Harris College.	$23 \\ 112$						
57		200						
-	IDAHO.	69		00				
58	University of Idaho ILLINOIS.	63	2	28	11	23		41
59		50						
60	Hedding College. Illinois Wesleyan University. St. Viateur's College. Blackburn College. Carthore College.	105						
62	Blackburn College	32 48						
$\begin{array}{c} 63 \\ 64 \end{array}$	St. Ignatius College*	48 88						
$\begin{array}{c} 65\\ 66\end{array}$	St. Stanislaus College University of Chicago	$138 \\ 1,288$						
67 68	James Millikin University	75		25	20	15		
69	Eureka College	60						
70 71	Ewing College	818 24						
72	Knox College	$222 \\ 65$						
74	Greenville College	37						
$72 \\ 73 \\ 74 \\ 75 \\ 76 \\ 77 \\ 78 \\ 79 \end{bmatrix}$	Lake Forest College	$101 \\ 149$						
77   78	McKendree College.	43 33						
79	Monmouth College	198     115						
80 81	St. Bede College							
82 83	St. Francis Solanus College	163 86						
84 85	Shurtleff College	$54 \\ 539$	329	221	315	223	26	
86 87	Westfield College.	12 63						
01	St. Viateur's College. Carthage College. Carthage College. St. Ignatius College*. St. Stanislaus College*. University of Chicago. James Millikin University. Evangelical Proseminary Eureke College. Northwestern University. Ewing College. Lombard College. Lombard College. Lake Forest College. Lineoin College. Lineoin College. St. Bede College. St. Bede College. St. Francis Solanus College. St. Francis Solanus College. St. Francis Solanus College. St. Francis Solanus College. St. Picte College. St. Francis Solanus College. St. Bede College. St. Bede College. St. Bede College. St. Bede College. St. Bede College. St. Bede College. St. Bede College. Murtleff College. Murtleff College. Murtleff College. Wheaton College. Momouth College. Momouth College. Shurtleff College. Meaton College. Minois	00						
88 89	Indiana University St. Joseph's College. Wabash College Concordia College. Franklin College. De Pauw University. Hanover College. Butler College.	$1,000 \\ 12$						
90	Wabash College	250						
91 92	Franklin College	130 86						
93 94	De Pauw University	456 79						
95	Butler College	181			·	·····		

\*Statistics of 1903-4.

## colleges for men and for both sexes—Continued.

Num	ber of gradu	studer 1ate co		inder-	Col stud study	lege lents ving—	stude	ber of nts in gogy.	Numb studer busin cour	nts in ness	military	Isic.		
General engi- neering.	Architecture.	Sanitary engi- neering.	Household economy.	Commerce.	Latin.	Greek.	Men.	Women.	Men.	Women.	Students in drill.	Students in music.	Students in art.	
9	10	11	12	13	14	15	16	17	18	19	20	21	22	
					$27 \\ 20 \\ 4 \\ 80 \\ 20$	$11\\ 8\\ 4\\ 40\\ 4$	0 5 6 2	11 0 40 15	$49 \\ 58 \\ 30 \\ 9 \\ 24$	$21 \\ 0 \\ 0 \\ 15 \\ 8$	225	110 10 72 68	21 2 6	$42 \\ 43 \\ 44 \\ 45 \\ 46$
0	0	0	0	0	$126 \\ 13 \\ 26 \\ 9 \\ 60 \\ 20 \\ 130$	$111 \\ 16 \\ 26 \\ 9 \\ 6 \\ 8 \\ 40$	$27 \\ 0 \\ 12 \\ 0 \\ 5 \\ 10 \\ 18$	$\begin{array}{c} 0 \\ 0 \\ 34 \\ 11 \\ 5 \\ 1 \\ 0 \end{array}$	0 0 4 70	0005	256 0 0 170	30 22 10 20	0 6 0	$\begin{array}{r} 47\\ 48\\ 49\\ 50\\ 51\\ 52\\ 53\\ 54\\ 55\\ 56\end{array}$
					19 65	15 3	1 12	8 15		······		35		55 56 57
	•••••				18 30	5 30	3	2.			192	19 103		58 59
				201	$40 \\ 150 \\ 13 \\ 15 \\ 88 \\ 137$	$     \begin{array}{r}       15 \\       60 \\       3 \\       13 \\       88 \\       46 \\       46     \end{array} $	77	609	100 33 114	0 22 0	298	50 36 30	18	$\begin{array}{c} 60\\ 61\\ 62\\ 63\\ 64\\ 65\\ 66\end{array}$
			25	20	$ \begin{array}{r} 60 \\ 100 \\ 40 \\ 172 \\ 24 \\ 124 \\ 20 \\ 12 \end{array} $	$     \begin{array}{r}       15 \\       61 \\       10 \\       96 \\       10 \\       19 \\       15 \\       5     \end{array} $	5 7 10	20 0 2	60 8	70 2 	100	$234 \\ 100 \\ 12 \\ 344 \\ 90 \\ 348 \\ 47 \\ 58$	129 5  18 18	$\begin{array}{c} 67\\ 68\\ 69\\ 70\\ 71\\ 73\\ 73\\ 74\\ 75\\ 76\\ 77\\ 78\\ 80\\ 81\\ 82\\ 83\\ 84\\ 85\\ 85\\ 87\end{array}$
		· · · · · · · ·			43	18     31	8	5					18	75 76 77
					71	43 20	4	3	34	 		$\frac{149}{241}$	8 35	78 79
					58 101	20 69			34 47 71	$ \begin{array}{c} 11\\ 0\\ 0 \end{array} $		89 		80 81 82
	100	8	73	52	23 94	19 48	94 30 3	53 50 4	18 18	4 18	1,051	$     \begin{array}{r}         111 \\         41 \\         378 \\         22 \\         102     \end{array} $	48 279 45	83 84 85 86 87
				300	$229 \\ 47 \\ 69 \\ 130 \\ 86 \\ 100 \\ 62$	$33 \\ 47 \\ 32 \\ 130 \\ 20 \\ 65 \\ 31$	120 6 	130 0 	43	0	119 220	85 220 63 190 32	148 1  47 	88 89 90 91 92 93 94 95

		Num	ber of st	udents i	n unde	ergrad	uate cou	rses.
	Name.	Liberal arts.	Agriculture.	Mechanical en- gineering.	Civil engineer- ing.	Electrical on- gineering.	Chemical en- gineering.	Mining engi- neering.
	1	2	3	4	5	6	7	8
	INDIANA—continued.							
96 97 98 99 100 101	Union Christian College Moores Hill College University of Notre Dame Eartham College St. Meinrad College	$23 \\ 44 \\ 146 \\ 379 \\ 64 \\ 37$	0	0 17 0	0 82 29 0	0 28 0	0	0
102	INDIAN TERRITORY. Indian University.	11						
103	Henry Kendall College IOWA.	12						
$\begin{array}{c} 104\\ 105\\ 107\\ 108\\ 109\\ 110\\ 111\\ 112\\ 113\\ 114\\ 115\\ 116\\ 117\\ 118\\ 119\\ 120\\ 121\\ 122\\ 123\\ 124\\ 125\\ 126\\ 127\\ 128\\ \end{array}$	10wA.         Coe College         Charles City College*         Wartburg College.         Amity College.         Luther College.         Des Moines College.         Drake University         St. Joseph's College.         Upper Iowa University.         Iowa College.         Simpson College.         University of Iowa.         Graceland College.         Palmer College.         German College.         Cornell College.         Penn College.         Penn College.         Bean Vista College.         Penn College.         Buena Vista College.         Pane College.         Worningside College.         Buena Vista College.         Buena Vista College.         Worningside College.         Western College.	$\begin{array}{c} 172\\ 16\\ 43\\ 23\\ 117\\ 54\\ 352\\ 40\\ 72\\ 114\\ 310\\ 31\\ 206\\ 656\\ 656\\ 10\\ 13\\ 49\\ 86\\ 206\\ 147\\ 29\\ 137\\ 72\\ 22\\ 52\\ 52\\ 52\\ 52\\ 52\\ 52\\ 52\\ 52\\ 5$	0 0	0 0 6 6	0 0 59 97		0	
$\begin{array}{c} 129\\ 130\\ 131\\ 132\\ 133\\ 134\\ 135\\ 136\\ 137\\ 138\\ 139\\ 140\\ 141\\ 142\\ 143\\ 144\\ 145\\ 146\\ 147\\ \end{array}$	KANSAS.         Midland College.         St. Benedict's College.         Baker University.         College of Emporia.         Highland University.         Campbell College.         Kansas City University.         University of Kansas.         Kansas Christian College.         Bethany College.         Ottawa University.         St. Mary's College.         Washburn College.         Friends University.         St. John's Lutheran College.         Southwest Kansas College.	$\begin{array}{c} 70\\ 54\\ 389\\ 92\\ 12\\ 16\\ 24\\ 673\\ 38\\ 80\\ 136\\ 100\\ 51\\ 33\\ 241\\ 74\\ 74\\ 74\\ 74\\ 50\\ 22\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50\\ 50$		17	106	99		49
148 149 150 151	KENTUCKY. Union College Berea College. Central University of Kentucky Georgetown College.	$14 \\ 34 \\ 140 \\ 189$						

\*Statistics of 1903-4.

colleges for men and for both sexes-Continued.

Num	ber of s gradu	studen late co	ts in u urses.	nder-	Coll study	ege ents ing—	Numl stude peda	per of nts in gogy.	Numb studen busir cour	ts in ness	military	ısic.		
General engi- neering.	Architecture.	Sanitary engi- neering.	Household economy.	Commerce.	Latin.	Greek.	Men.	Women.	Men.	Women.	Students in drill.	Students in music.	Students in art.	
9	10	11	12	13	14	15 ·	16	17	18	19	20	21	22	
0	0	0	0	0	$20 \\ 10 \\ 146 \\ 32 \\ 64$	$9 \\ 12 \\ 104 \\ 18 \\ 50$	18 41 0 2	38 58 0 0	0 7 55 0 8	0 4 0 0 4	00	0 80 27 55 53 63	0 0 3	95 97 58 99 100 101
					9 10	2 5	0	3	4 1	2 0	105	23 42	22	102 103
			0	0	$\begin{array}{c} 78\\ 16\\ 48\\ 10\\ 115\\ 15\\ 5\\ 35\\ 31\\ 133\\ 160\\ 0\\ 10\\ 42\\ 42\\ 42\\ 51\\ 17\\ 20\\ 8\\ 18\\ 22\\ 22\\ \end{array}$	$\begin{array}{c} 47\\ 5\\ 8\\ 8\\ 115\\ 17\\ 17\\ 49\\ 40\\ 20\\ 10\\ 10\\ 10\\ 74\\ 0\\ 8\\ 10\\ 24\\ 25\\ 223\\ 13\\ 14\\ 4\\ 3\\ 9\\ 8\\ 8\end{array}$	10 0 1 88 0 15 40 5 6 2 2 4 4 3 57 6 1 2 2	$ \begin{array}{c} 15\\6\\14\\\\ \hline\\118\\0\\0\\10\\40\\\\\hline\\10\\40\\\\\hline\\11\\104\\\\\hline\\11\\104\\\\\hline\\11\\104\\\\\hline\\16\\55\\23\\\\\hline\\23\\\\\hline\end{array}\right. $	20 40 42 70 83 16 136 136 136 136 136 136 136 136 136	$ \begin{array}{c} 11 \\ -12 \\ 0 \\ -11 \\ -10 \\ 26 \\ -9 \\ 4 \\ 11 \\ -17 \\ -8 \\ -5 \\ -5 \\ -5 \\ -5 \\ -5 \\ -5 \\ -5 \\ -5$	109 120 118 118 185 0	$\begin{array}{c} 8\\ 25\\ 38\\ 77\\ 127\\ 389\\ 25\\ 104\\ 67\\ 236\\ 39\\ 104\\ 47\\ 142\\ 142\\ 142\\ 142\\ 142\\ 142\\ 163\\ 79\\ 66\\ 379\\ 66\\ \end{array}$	8 9 37 0 52 7 10 8 40 40 5	$\begin{array}{c} 104\\ 105\\ 106\\ 107\\ 108\\ 109\\ 110\\ 111\\ 112\\ 113\\ 114\\ 115\\ 116\\ 117\\ 118\\ 119\\ 120\\ 121\\ 122\\ 123\\ 124\\ 125\\ 126\\ 127\\ 128\\ 128\\ 128\\ 128\\ 128\\ 128\\ 128\\ 128$
					$70 \\ 54 \\ 389 \\ 30 \\ 6 \\ 6 \\ 18 \\ 24 \\ 100 \\ 175 \\ 100 \\ 20 \\ 34 \\ 17 \\ 34 \\ 20 \\ 30 \\ 30 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 10$	$\begin{array}{c} 60\\ 23\\ 160\\ 34\\ \hline\\ 7\\ 5\\ \hline\\ 4\\ 150\\ 100\\ 10\\ 25\\ 16\\ 10\\ 8\\ 21\\ \end{array}$	$ \begin{array}{r}                                     $	$\begin{array}{c} 14\\ \hline \\ 35\\ 13\\ 1\\ 12\\ \hline \\ 21\\ 36\\ 21\\ \hline \\ 6\\ 10\\ 14\\ 16\\ 10\\ 14\\ 16\\ 13\\ 0\\ 41\\ \end{array}$	51 98 33 30 115 45 159 • 27  19 6 44	$ \begin{array}{c} 0 \\ 33 \\ 7 \\ 25 \\ 60 \\ 60 \\ 0 \\ 4 \\ 10 \\ 5 \\ 17 \\ 17 \\ \end{array} $	26 56 0	$\begin{array}{c} 130\\ 137\\ 108\\ 36\\ 60\\ 3\\ 50\\ 366\\ 253\\ 150\\ 150\\ 150\\ 154\\ 109\\ 154\\ 109\\ 154\\ 100\\ 180\\ \end{array}$	63 4 14 10 39 49 70 0	$\begin{array}{c} 129\\ 130\\ 131\\ 132\\ 133\\ 134\\ 135\\ 136\\ 137\\ 138\\ 139\\ 140\\ 141\\ 142\\ 143\\ 144\\ 145\\ 146\\ 147\\ \end{array}$
					14 20 103	12 4 32	18 85	22 71				31 53		$148 \\ 149 \\ 150 \\ 151$

		Num	ber of s	tudents	in und	lergrad	luate cou	ırses.
	Name.	Liberal arts.	Agriculture.	Mechanical en- gineering.	Civil engineer- ing.	Electrical en- gincering.	Chemical en- gineering.	Mining engi- neering.
	1	2 ·	3	4	5	6	7	8
	KENTUCKY-continued.		1	1				
$152 \\ 153$	Liberty College Agricultural and Mechanical College of			157	75	0		5
$154 \\ 155$	Kentucky. Kentucky University. Bethel College.	282     103	0 0	0 0	00	0	0 0	00
156 157	St. Mary's College Kentucky Wesleyan College	$\begin{array}{c} 60\\130\end{array}$				•••••		
	LOUISIANA.							
158 159 160	Louisiana State University Jefferson College Centenary College of Louisiana* College of the Irymanulate Conception	49     92     30	40	31	57	25	39	
$   \frac{161}{162} $		49 21						
$\frac{163}{164}$	Leland University	97 97		b 109	37		10	
165	MAINE.	280						
166 167 168	Bowdoin College Bates College University of Maine Colby College	$353 \\ 56 \\ 242$	15	38	134	96		
	MARYLAND.							
169 170 171	St. John's College	$133 \\ 183 \\ 40$	0 0	$\begin{smallmatrix} 14\\0\\0\end{smallmatrix}$	 0 0	00	00	0
172 173	Washington College.	$10 \\ 44$	0	0	0	0	0	0
$174 \\ 175 \\ 176$	St. John's College Johns Hopkins University. Loyola College. Morgan College. Rock Hill College. St. Charles College. Neum ts. Mary's College. New Windsor College. Western Maryland College.	50 50 • 127	0	0	0	0	0	0
177 178	New Windsor College Western Maryland College	$\begin{array}{c} 16 \\ 156 \end{array}$						
	MASSACH USETTS.							
179 180 181	Amherst College Boston College Boston University	406     125     501	0	0	0	0	0	0
182 183	Amiters College. Boston College. Harvard University. American International College. Tufts College.	$2,009 \\ 10$	33	57	68	84	24	66
$     184 \\     185 \\     186   $	Williams College.	180 434	•••••		65	72	2	
187 188	Clark University. Collegiate Department, Clark University College of the Holy Cross	$\begin{array}{c} 88\\219\end{array}$	0	0	0	0	0	. 0
100	MICHIGAN.	42						
$     189 \\     190 \\     191   $	Adrian College. Albion College. Alma College. University of Michigan. Detroit College. Hillsdate College. Hope College. Kalamazoo College. Olivet College.	$200 \\ 60$	0	0	0	0	0	0
$192 \\ 193 \\ 194$	University of Michigan Detroit College Hillsdale College	$1,229 \\ 86 \\ 120$		c 194	187	127	57	
194 195 196	Hope College.	$146 \\ 219$						

\*Statistics of 1903-4. a Includes sugar engineering students.

# · UNIVERSITIES, COLLEGES, AND TECHNOLOGICAL SCHOOLS. 605

colleges for men and for both sexes-Continued.

		ber of gradu	studer 1ate co	nts in u ourses.	ınder-	Col stud study	lege lents ving—	Num stude peda	ber of nts in gogy.	Numb studen busir eour	ts in less	military	tsic.		
	General engi- neering.	Architecture.	Sanitary engi- neering.	H ou sehold economy.	Commerce.	Latin.	Greek.	Men.	Women.	Men.	Women.	Students in drill.	Students in music.	Students in art.	
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
	0	0	0	0	0	88		60	27	0	0	417	83 0	21 0	152 153
	• 0 0	00	0 0	0 0	0	$56 \\ 25 \\ 60 \\ 118$	$31 \\ 15 \\ 25 \\ 62$	10 0 21	21 0 28	30 50 3	$\begin{array}{c} 0\\ 0\\ 4\end{array}$	0 0 145	0 30	0	154 155 156 157
	a 23			2	53	$37 \\ 92 \\ 25 \\ 49 \\ 21 \\ 3 \\ 29$			11 10	53 62 104	0 0 0	328 90 398	29 48 		$158 \\ 159 \\ 160 \\ 161 \\ 162 \\ 163 \\ 164$
				  	 	$51 \\ 198 \\ 17 \\ 109$	21 82 5 32	10 6	0			141			165 166 167 168
	0 0 0	0 0 0	0 0 0	0 0 0	0 0 0	$     \begin{array}{r}       83 \\       44 \\       40 \\       10 \\       44     \end{array}   $	$20 \\ 15 \\ 40 \\ 9 \\ 4$	$0 \\ 0 \\ 9 \\ 4$	$\begin{array}{c} 0\\ 0\\ 1\\ 42 \end{array}$	0 0 13	0 0 29	202 0 0	0 0 8 20	0 0 27	169 170 171 172 173 174
	0	0	0	0		50 127	50 125	0	0	21 4	00	0	23 10		175     175     176     177     178     178     178
	0	0 	0	0	0	160 125 272	77 125 198	0 5	0 33	0	0	0	0 135		179 180 181 182
			0			7 65 203 11 218	$ \begin{array}{r}                                     $	6 0	0 0	0		0	11	23	183 184 185 186 187 188
	0	0	0	0	0	218 20 77 55	$     \begin{array}{c}             207 \\             15 \\             35 \\             20         \end{array} $	34 5	22 6	2 70 20	4 59 10		50 183 115	6 38 33	189 190 191
,	392					86 75	86	5	13				115 73 137	48	$     \begin{array}{r}       192 \\       193 \\       194 \\       195 \\       196 \\       197 \\     \end{array} $

b Includes electrical engineering students. CIncludes 15 in marine engineering.

ED 1905-VOL 1----42

				duents	in una	ergrad	uate cou	irses.
	Name.	Liberal arts.	Agriculture.	Mechanical en- gineering.	Civil engineer- ing.	Electrical en- gineering.	Chemical en- gineering.	Mining engi- neering.
	1	2	3	4	5	6	7	8
ļ	MINNESOTA.							
198		163						
199	Augsburg Seminary	38						
$\begin{array}{c} 200 \\ 201 \end{array}$	University of Minnesota	1,249	29	102	126	161	33	106
$\frac{201}{202}$	St. Olaf College	258 131						
203	Hamline University	200						
$\frac{204}{205}$	Macalester College	70 59						•••••
206	St. Johns University. Augsburg Seminary. University of Minesota. Carleton College. St. Olaf College. Hamline University. Macalester College. Gustavus Adolphus College. Parker College.	12						
	MISSISSIPPI.							
007	Minsinging College	940				1	·	
207 208	Mississippi College Rust University Millsaps College*	$249 \\ 8$						
209	Millsaps College*	119						
210	University of Mississippi	221	0	0	29	12	0	1
	MISSOURI.							
$\frac{211}{212}$	Southwest Baptist College * Pike College * Christian University. Clarksburg College. University of Missouri Central College. Westminster College. Pritchett College *. La Grange College. William Jewell College. Missouri Valley College. Park College. Christian Brothers College.							•••••
$\frac{212}{213}$	Missouri Weslevan College	20 30						
214	Christian University	167						
$215 \\ 216$	Clarksburg College	35 630		53	188	146		180
217	Central College	55	10		100	140	0	100
218	Westminster College	67						
219 220	Pritchett College*	$19 \\ 125$						• • • • • • • • • •
221	William Jewell College	149						
222	Missouri Valley College	110						
$\frac{223}{224}$	Park College	$175 \\ 100$	•••••		4	•••••		
225	St. Louis University	48				4		
226	Washington University	126		. 5	13	4	5	
227 228	Tarkio College	82 70					•••••	
229	Christian Brothers College St. Louis University Washington University Drury College Tarkio College Central Wesleyan College	76						
	MONTANA.							
230	University of Montana	95		22				
	NEBRASKA.							
231	Bellevue College	88						
231 232 233	Cotner University.	36						
233	Union College*	100	0	0	0	10	<u>0</u>	0
$\begin{array}{c} 234 \\ 235 \end{array}$	Grand Island College	$136 \\ 54$						
236	Hastings College	38		35				
237	University of Nebraska	972	11	35	78	102	4	4
238 239	Nebraska Weslevan University							
240	Bellevue College. Cotner University. Union College * Grand Island College. Hastings College. University of Nebraska. Creighton University. Nebraska Wesleyan University. York College.	28						
	NEVADA.	-						
241	Nevada State University	55	1	26	7			44
	NEW HAMPSHIRE.							
242	Dartmouth College . St. Anselm's College .	857			31			

\*Statistics of 1903-4.

colleges for men and for both sexes—Continued.

Nun	iber of gradu	studer late co	nts in u ourses.	nder-	Col stud study	lege ents ring—	Num stude peda	ber of nts in gogy.	Numb studer busir cour	its in less	military	lsic.		
General engi- neering.	Architecture.	Sanitary engi- neering.	Hou sehold economy.	Commerce.	Latin.	Greek.	Men.	Women.	Men.	Women.	Students in drill,	Students in music.	Students in art.	
9	10	11	12	13	14	15	16	17	18	19	20	21	22	
10			3		$70 \\ 23 \\ 262 \\ 131 \\ 30 \\ 50 \\ 70 \\ 59 \\ 9$	32 - 38 78 28 70 20 24 50 0	8 42 2 6 10- 6	0 150 13 5 15 4 1 1	72  6 114 34	0 	504	74 21 64 84 17 90 95	9	198 199 200 201 202 203 204 205 206
0	0	0	0	0	2 $71$ $125$	2 25 63	16 16	25 16	0	0	0	48 0	0	207 208 209 210
1 1 100	3	1			20 80 35 159 28 6  65  40 41 355 54 60	1 24 20 73 25 3 70 70 33 25 16 56 56 25	2 10 50	10 20 132	7 25 5 5 100 77 52 25	10 8 0 5  0 0 0  17 7	174 174 160	32 28 40 19  81 66 50 27  129 125	11       	211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229
					75	5	0	15				60	45	230
0	0	0	0	0	25 23 36 34 35 235 86 26 22	19 0 18 16 13 193 86 2 17	13 12 3 7  41 18	25 11 18 27  128 45			0 315 182	58 34 125 17 82 406 262 89	8 25 10 95 21	231 232 233 234 235 236 237 238 239 240
• • • • • •				1	28	4	1	37	14	30	132	5		241
				10	140 11	90 11	26	0						$\begin{array}{c} 242 \\ 243 \end{array}$

		Nun	iber of s	tudents	in und	lergrad	luate coi	irses.
	Name.	Liberal arts.	Agriculture.	Mechanical en- gineering.	Civil engineer- ing.	Electrical en- gineering.	Chemical en- gincering.	Mining engi- neering.
	1	2	3	4	5	6	7	8
	NEW JERSEY							
244 245 246 247 248	St. Peter's College St. Benedict's College Rutgers College Princeton University Seton Hall College	$23 \\ 21 \\ 54 \\ 1,061 \\ 80$	12	0	70 $214$	34 8	26	0
	NEW MEXICO.							
249	University of New Mexico	15					·····	•••••
$250 \\ 251$	NEW YORK. Alfred University St. Bonaventure's College St. Stephen's College	89 77	50	0	0	0	0	0
252 253 254 255 256 257 257	St. Stephen's College. Adelphi College. Polytechnic Institute of Brooklyn St. Francis College. Canisius College. St. Lawrence University. Hamilton College. Hobart College. Colgate University. Cornell University.	$\begin{array}{r} 43 \\ 269 \\ 12 \\ 41 \\ 60 \\ 23 \end{array}$	0 0 0 0	$\begin{smallmatrix}&0\\10\\0\\0\end{smallmatrix}$	$     \begin{array}{c}       0 \\       15 \\       0 \\       0 \\       0     \end{array} $	$     \begin{array}{c}       0 \\       39 \\       0 \\       0 \\       0     \end{array} $	0 11 0 0	0 0 0 0
258 259 260 261 262 263	St. Lawrence University	$     \begin{array}{r}       192 \\       195 \\       79 \\       227 \\       684 \\       98     \end{array} $	189	1,060	385	0	0	0
$\begin{array}{c} 263\\ 264\\ 265\\ 266\\ 267\\ 268\\ 269\\ 270\\ 271\\ 272\\ \end{array}$	Cornell University College of St. Francis Xavier College of the City of New York Columbia University Manhattan College. New York University St. John's College Niagara University University of Rochester. Union University*. Syracuse University	$98 \\ 756 \\ 534 \\ 27 \\ 347 \\ 122 \\ 95 \\ 270 \\ 75 \\ 1,065 $	0 0 0 . 0 0	0 101 44 0 0 0 0 	$\begin{smallmatrix} & 0 \\ 121 \\ 27 \\ 100 \\ 0 \\ 0 \\ 131 \\ 63 \end{smallmatrix}$	$\begin{array}{c} 0 \\ 140 \\ 0 \\ 0 \\ 0 \\ 0 \\ 27 \\ 135 \end{array}$	0 9 0 0 0	0 223 0 0 0 0
	NORTH CAROLINA.							
$\begin{array}{c} 273\\ 274\\ 275\\ 276\\ 277\\ 278\\ 279\\ 280\\ 281\\ 282\\ 283\\ 284\\ 285\\ \end{array}$	St. Mary's College University of North Carolina Biddle University Davidson College Trinity College Elon College Guilford College Lenoir College Catawba College Shaw University Livingstone College Wake Forest College Weaverville College	21 363 120 215 239 68 71 125 19 49 28 232 53	0	0	0	0	0	0
	NORTH DAKOTA.							
286 287 288	Fargo College. University of North Dakota Red River Valley University	$54 \\ 82 \\ 17$		20				15
	оніо.				ć.			
289 290 291 292 293 293 294	Buchtel College	81 84 142 73 33 30	0	0 0 6	0 7 1	0 55	0	0

#### colleges for men and for both sexes-Continued.

	ber of gradu	iate co	nts in u ourses.	ınder-	Col. stud study	lege lents ving—	Num stude pedaj	ber of nts in gogy.	Numb studen busin cour	ts in tess	military	Isic.		
General engi- neering.	Architecture.	Sanitary engi- neering.	Hou sehold economy.	Commerce.	Latin.	Greek.	Men.	W omen.	Men.	Women.	Students in drill.	Students in music.	Students in art.	
9	10	11	12	13	. 14	15	16	17	18	19	20	21	22	
0	0	0	0	 0 	$23 \\ 21 \\ 26 \\ 674 \\ 80$	23 21 26 373 80	14	0	72 0 25	0 0 0	167	0 10	0	244 245 246 247 248
	•••••				6	4	0	8	3	9		52		249
0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0	$     \begin{array}{c}       13 \\       77 \\       43 \\       62 \\       0     \end{array} $	$13 \\ 40 \\ 43 \\ 27 \\ 0$	$\begin{array}{c} 15 \\ 0 \\ 1 \\ 0 \end{array}$	$9 \\ 0$ $24 \\ 0$	0 30 0 0	0 0 0 0	0 0 0 0	$25 \\ 40 \\ 0 \\ 0 \\ 0$	30  117 0	$250 \\ 251 \\ 252 \\ 253 \\ 254$
0 0	00	0 0	0 0	0		41 52 23	• 0 • 0	0 0	0 0	0 0	21 0	$     \begin{array}{c}       10 \\       0 \\       20     \end{array} $	0 0	255 256
				· · · · · · · · · · · · · · · · · · ·	$195 \\ 35 \\ 60$	$     \begin{array}{r}       140 \\       23 \\       41     \end{array} $	20 24	0						257 258 259 260 261
0 0	68 0	0	0	0	98 203	98 160	20 183	$\begin{array}{c} 0\\ 0 \end{array}$	0	0	500		220	$262 \\ 263 \\ 264$
	78 0	0	0	0	240 54	57 	15 145	0 173	25 192	0 8	0	$     \begin{array}{r}       44 \\       20 \\       0     \end{array} $	0	$265 \\ 266 \\ 267$
0 0 0	0 0 0	0 0 0	0000	0 0 0			$\begin{array}{c} 0\\ 0\\ 15\end{array}$	$\begin{array}{c} 0\\ 0\\ 15\end{array}$	0 70	0 0	285 95	30 20	4 0	268 269 270 271
47	26				35 736	18 229	76	127				132	495	272
					51	25			47	0		10	5	273 274 275
					$\begin{array}{c} 116\\ 214 \end{array}$	$     \begin{array}{r}       120 \\       127     \end{array}   $	65 0	0 0			203	83		275 276 277
					68 41	25 17	3	7	10	10		52	14 12	276 277 278 279
0	0	0		······ ·····	$     \begin{array}{r}       40 \\       17 \\       47     \end{array}   $	$25 \\ 14 \\ 24$	0	- 0	$\begin{array}{c}10\\10\\0\end{array}$	$\begin{array}{c} 11 \\ 6 \\ 0 \end{array}$	0	32 29 42	12 5 0	280 281 282
					$     \begin{array}{c}       28 \\       174 \\       39     \end{array}   $	24 28 71	17 21	13 0	20	0		8	 	280 281 282 283 284 285
	 				$16 \\ 56 \\ 10$	9 7 4	3	42	$\begin{array}{c} 12 \\ 60 \\ 25 \end{array}$	8 29 12		34	33	286 287 288
0	0	0	0 0	0	$36 \\ 65 \\ 120$	7 40 27	0 26 32	$     \begin{array}{c}       0 \\       48 \\       31 \\       22     \end{array} $	0 48 75	$0 \\ 36 \\ 76$	0	$3 \\ 101 \\ 191 \\ 47$	13 135	289 290 291
29				4	42 30	21 17	7	28	30	11	65	$     \begin{array}{r}       47 \\       143 \\       25     \end{array} $	12 8	291 292 293 294

		Nun	iber of s	tudents	in und	lergrad	luate coi	irses.
	Name.	Liberal arts.	Agriculture.	Mechanical en- gincering.	Civil engineer- ing.	Electrical en- gineering.	Chemical en- gineering.	Mining engi- neering.
	1	2	3	4	5	6	7	8
	OHIO—continued.		·					
295 296 297 298 300 301 302 303 304 305 306 306 307 308 310 311 313 314 315 316 317 318 316 317 318 319 320	St. Xavicr College         University of Cincinnati         St. Ignatius College.         Western Reserve University.         Capital University         Ohlo State University.         Defiance College.         Ohio Wesleyan University.         Findlay College *         Kenyon College.         Defiance College.         Defiance College.         Defiance College.         Defiance College.         Defiance College.         Marietta College.         Mashingum College.         Miami University.         Richmond College.         Miami University.         Richmond College.         Scio College.         Wittenberg College.         Wittenberg College.         West Lafayette College.         Weitangton College.         Weitangton College.         Wittenberg College.         Wittenberg College.         Wittenberg College.         West Lafayette College.         Weit Meavet College.         Weitstuberg Vollege.         Weitstuberg Vollege.         Weitstuberg Vollege.         Wittenberg Vollege.         Weitstuberg Vollege.         Wittenberg Volleg	$\begin{array}{c} 108\\ 503\\ 503\\ 492\\ 76\\ 536\\ 200\\ 60\\ 558\\ 28\\ 297\\ 181\\ 18\\ 96\\ 100\\ 143\\ 654\\ 157\\ 100\\ 23\\ 157\\ 10\\ 23\\ 157\\ 10\\ 23\\ 37\\ 306\end{array}$	0 	0 22 84		0		0
323	Antioch College OKLAHOMA.	25						
324	University of Oklahoma	125		9			[	6
	OREGON.							
325 326 327 328 329 330 331 332	Albaný College Dallas College University of Oregon. Pacific University. McMinnville College Pacific College * Philomath College Willamette University *. PENNSYLVANIA.	$26 \\ 16 \\ 197 \\ 37 \\ 69 \\ 54 \\ 23 \\ 31$	0		0	0 20 0	0	0
$\begin{array}{c} 333\\ 334\\ 335\\ 336\\ 337\\ 338\\ 340\\ 341\\ 342\\ 343\\ 344\\ 345\\ 346\\ 345\\ 346\\ 346\\ 349\\ 350\\ 351\\ 352\end{array}$	Western University of Pennsylvania Muhlenberg College Lebanon Valley College * St. Vincent College. Beaver College. Moravian College Dickinson College Pennsylvania Military College Ursinus College. Lafayette College. Pennsylvania College. Grove City College. Haveford College. Juniata College. Juniata College. Franklin and Marshall College. Bucknell University. Lincoln University. Allegheny College.	$\begin{array}{c} 33\\80\\170\\48\\33\\85\\247\\0\\85\\184\\197\\190\\118\\17\\186\\376\\376\\96\\187\\5\\2\end{array}$	0	41	57 0 75 85 	19 2 51	8 0 42	2

\* Statistics of 1903-4.

colleges for men and for both sexes-Continued.

1	Num	ber of gradu	ate co	its in u urses.	nder-	Coll stud study	ege ents 'ing	Numl studer pedag	per of ats in gogy,	Numbe studen busin cour	ts in ess	military	lsic.		
Concert and	ucurerat engi-	Architecture.	Sanitary engi- neering.	H ou se ho ld economy.	Commerce.	Latin.	Greek.	Men.	Women.	Men.	Women.	Students in drill.	Students in music.	Students in art.	
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
	0	0	0	0	0	108 138 53 175 	$\begin{array}{c} 91\\ 89\\ 53\\ 60.\\ \hline 26\\ 70\\ \hline 110\\ 40\\ 45\\ 65\\ \hline 65\\ \hline 4\\ 17\\ 6\\ 60\\ \hline \\ 8\\ 8\\ 1\\ 1\\ 1\\ \hline \\ 1\\ 6\\ 60\\ \hline \\ 8\\ 8\\ 1\\ 1\\ 1\\ \hline \\ 8\\ 8\\ 38\\ \hline \end{array}$	0 0 22 5 5 5 5 9 9 9 9 200 17 8 8 3	0 13 10 10 15 9 6 37 12 30 5 6 8	51 50 75 45 36 5 5 45 45 45 45 45 45 45 45 45 45 5 5 10	0 26 30 8 5 5 0 0 31 31 6 8	0	0 45 217 150 112 65 185 115 10 90 51 10 59 90 51 10 59 94 428 37 	0 30 30 15 31 2 20 63  10 4 66 22 	295 296 297 208 209 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323
						10	6			20	9		113		324
	0	0	0	0	0	26 16 52 24 52	10 6 29 9 11	4 3 0 0	2 2 0 3	37 9 8 27 11	0 5 9 6	0	46 41 93 78 53 33 122	0 13 7 	328 320 327 328 329 330 331 332
	0 7 11 22	0	0	 	0	21 80 48 12 35 22 180 26 33 184 147 150 50 15 180	12 72 48 3 28 19 78 78 100 80 130 20 132	$ \begin{array}{c} 1 \\ 40 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	45 0 0 0 100 75 0	55 0 60 35	0 0 20 24	0 133 120	70 179 65 8 	23 0  20	$\begin{array}{c} 3333\\ 3343\\ 335\\ 336\\ 337\\ 338\\ 339\\ 340\\ 341\\ 342\\ 344\\ 345\\ 346\\ 317\\ 349\\ 349\\ 349\\ 349\\ 349\\ 350\\ 351\\ 352\end{array}$
						85 139	81 52	28	12				41		349 350 351 352

		Num	ber of st	udents i	n und	ergrad	uate cou	rses.
	Name.	Liberal arts.	Agriculture.	Mechanicalen- gineering.	Civil engineer- ing.	Electrical en- gineering.	Chemical en- gineering.	Mining engi- neering.
	1	2	3	4	5	6	7	8
	PENNSYLVANIA—continued.							
$\frac{353}{354}\\ 355$	Westminster College Central High School. Temple College University of Pennsylvania	$\substack{\substack{186\\1,641\\75}}$	0	0			0	0
$\frac{356}{357}$	University of Pennsylvania	266 - 200		151	168	72	26	
358	Holy Ghost College. Susquehanna University. Lehigh University.	51				1		
359 360	Pennsylvania State College	35 58	14	$160 \\ 113$	$197 \\ 154$	92 188	8	a 96 80
$\frac{361}{362}$	Swarthmore College	163     53					• • • • • • • • • •	
363	Villanova College Volant College *	30						
$\frac{364}{365}$	Washington and Jefferson College Waynesburg College	$246 \\ 65$						
	RHODE ISLAND.							
366	Brown University	655						
	SOUTH CAROLINA.							
$\frac{367}{368}$	College of Charleston	63		8 0	0		0	0
369	Presbyterian College of South Carolina Allen University South Carolina College	$\frac{42}{15}$	0					
$\frac{370}{371}$	Erskine College	94 140	0	0	7	8	0	0
$\frac{372}{373}$	Furman University. Newberry College. Claffin University.	$118 \\ 123$						
374	Claffin University	13	0	0	0	0	0	0
375	Wofford College	226						
070	SOUTH DAKOTA.	0.1						
$\frac{376}{377}$	Huron College Dakota Wesleyan University	$\frac{24}{59}$	0	0	0	0	0	0
$\frac{378}{379}$	Dakota Wesleyan University Redfield College University of South Dakota	$\frac{22}{109}$		34				
380	Yankton College	57						
	TENNESSEE.							
$\frac{381}{382}$	Grant University* King College	$\frac{24}{27}$						
383	Southwestern Presbyterian University	62						
$\frac{384}{385}$	Southwestern Baptist University	$\frac{52}{40}$	0	0	6	0	0	0
$\frac{386}{387}$	Carson and Newman College	103     16						
388	University of Tennessee. Cumberland University	159	21	9	15 3	27	4	4
389 390	Bethel College	$^{63}_{115}$						
$\frac{391}{392}$	Maryville College Christian Brothers College	$^{125}_{35}$						
$\frac{393}{394}$	Milligan College Fisk University	$55 \\ 91$		•••••				
395	Roger Williams University	23						
$\frac{396}{397}$	Vanderbilt University Walden University	$     182 \\     135   $		. 11				
$\frac{398}{399}$	University of the South Burritt College	$138 \\ 144$				1		
400	Tennessee Military Institute	144 7			1			
401 402	Greeneville and Tusculum College Washington College	$^{44}_{33}$						
	TEXAS.							
403	St. Edward's College *	80			100			
404 405	University of Texas Howard Payne College	$547 \\ 90$			123	62		23
406 407	Fort Worth University Polytechnic College	32 100						
101	*Statistics of 1903-4.		cluding 1					

612

#### colleges for men and for both sexes—Continued.

Ī	Num	ber of gradu	studer ate co	its in u urses.	nder-	Coli stud study	lege ents ring—	Num stude pedaş	nts in	Numb studen busin cour	ts in ess	military	tsic.		
	General engi- neering.	Architecture.	Sanitary engi- neering.	Household economy.	Commerce.	Latin.	Greek.	Men.	Women.	Men.	Women.	Students in drill.	Students in music	Stučents in art.	
	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
	0	0	0		486	$1,004 \\ 23 \\ 90 \\ 120 \\ 51 \\ 26 \\ 3 \\ 45 \\ 53 \\ 30 \\ 161 \\ 50$	$275 \\ 6 \\ 61 \\ 80 \\ 19 \\ 2 \\ 32 \\ 53 \\ 11 \\ 99 \\ 25$	52 25 11 55 40	0 58 9  0 35	465 100 33 	412 0 10 0 0	475	25 34 50 61 	30 20 55	$353 \\ 354 \\ 355 \\ 356 \\ 357 \\ 358 \\ 369 \\ 360 \\ 361 \\ 362 \\ 363 \\ 364 \\ 365$
	124					184	73	56	66					90	366
	0 0 0		0	0 0	0	$25 \\ 42 \\ 15 \\ 46 \\ 140 \\ 123 \\ 15 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125 \\ 125$	$ \begin{array}{r}     6 \\     17 \\     15 \\     17 \\     100 \\     \hline     82 \\     6 \\     43 \\   \end{array} $	0 59 87 5 7	0 88 8 2 49	15 0 	0	0	0 23 0 58	0	367 368 369 370 371 372 373 374 375
	0	0	0	0		$\begin{array}{c} 14\\11\\31\\14\end{array}$	$11 \\ 26 \\ 3 \\ 21 \\ 12$	1 9 6	33 74 11		$     \begin{array}{c}       18 \\       10 \\       9 \\       0 \\       0 \\       0     \end{array} $	0	$54 \\ 120 \\ 66 \\ 77 \\ 106$	$19 \\ 57 \\ 21 \\ 12 \\ 14$	376 377 378 379 380
	0	0	0	0	0	24 21 - 45 10 60 	13 32 6 35 12 20 50	20 15 12 2	17 21 14 10	$ \begin{array}{c} 172\\ 12\\ 60\\ 0\\ 0\\ 0\end{array} $	$ \begin{array}{c} 165\\ 0\\ 37\\ 4\\ 0\\ \end{array} $	35 93 139	37 15 21 93 82	1 6	381 382 383 384 385 386 387 388 389
						63 75 30 30	10 14 12 16	12 24 27 1	$\begin{array}{c} 10\\ 30\\ \\ 240\\ 7 \end{array}$	6 73 75 7 7	1 20 0 8 0	87 25 0 0	50 75 35 29 43	18 30	390 391 392 393 394 395 396
	30					86 89 58 7 44 25	58 45 21 3 25 12	127 33 6 8	147 18 0 15	11 14 10	17 6 0	50	76 144 12 49	32 5	390 397 398 399 400 401 402
						5 158 85 45	51 60 30	35 20	133 25	40 35 60	0 23 10	35 101	50 66 57 94	10 14 28 20	403 404 405 406 407

		Num	ber of s	tudents	in und	lergrad	luate coi	ırses.
	. Name.	Liberal arts.	Agrieulture.	Mechanical en- gineering.	Civil engineer- ing.	Electrical en- gineering.	Chemical en- gineering.	Mining engi- neering.
	1	2	3	4	5	6	7	8
	TEXAS—continued.							
408 409 410 411 412 413 414 415 416	St. Mary's University Southwestern University * Burleson College. Wiley University. Texas Christian University * Austin College Baylor University. Paul Quinn College. Trinity University. UTAH.	$\begin{array}{r} 46\\ 185\\ 140\\ 33\\ 100\\ 70\\ 271\\ 45\\ 92 \end{array}$						
417	Brigham Young College University of Utah	60			6			
418		198	•••••					
419 420 421	VERMONT. University of Vermont and State Agricul- tural College. Middlebury College. Norwich University.	$\substack{115\\134\\3}$	44 0	14 0	$47 \\ 0 \\ 100$	44 0	35 0 10	0
	VIRGINIA.							
422 423 424 425 426 427 428 429 430 431 432	Randolph Macon College. Bridgewater College. University of Virginia. Emory and Henry College. Fredericksburg College. Hampden-Sidney College. Washington and Lee University. Richmond College. Virginia Union University. Roanoke College. College of William and Mary.	$141 \\ 14 \\ 306 \\ 72 \\ 35 \\ 72 \\ 175 \\ 208 \\ 29 \\ 115 \\ 195$			40	17	20	  
433 434 435 436 437 438	WASHINGTON. Vashon College. University of Washington. Gonzaga College. University of Puget Sound*. Whitworth College. Whitman College.	$5503 \\ 160 \\ 37 \\ 52 \\ 90$		32	41	34	• 4	55
439 440 441 442	WEST VIRGINIA. Morris Harvey College	$22 \\ 186 \\ 12 \\ 325$		 45	46	 		
443 444 445 446 447 448 449 450 451 452	WISCONSIN. Lawrence University. Beloit College	$219 \\ 242 \\ 1,301 \\ 32 \\ 152 \\ 107 \\ 34 \\ 83 \\ 52 \\ 36$	0 72 0	0 104 0	0 136 0	0 162 0,	0	0
453	WYOMING. University of Wyoming	23	8	3				12

\* Statistics of 1903-4.

colleges for men and for both sexes—Continued.

Nui	nber of gradu	studer ate co	nts in u urses.	inder-	Col stud study	ents	Numl studer pedag	nts in	Numb studen busin cour	ts in ess	military	isic.		
General engi- neering.	Architecture.	Sanitary engi- neering.	Hou sehold economy.	Commerce.	Latin.	Greek.	Men.	Women.	Men.	Women.	Students in drill.	Students in music.	Students in art.	
9	10	11	12	13	14	15	16	17	18	19	20	21	22	
   					26 45 33 24 70 138 28 60	$   \begin{array}{c}     21 \\     33 \\     3 \\     20 \\     56 \\     5 \\     20   \end{array} $	10 	8 20 10	10 83 12 60	3 28 4 20	150	47 127 404 16 120	 103  27 	$\begin{array}{c} 408\\ 409\\ 410\\ 411\\ 412\\ 413\\ 414\\ 415\\ 416\\ \end{array}$
148		 			9 109	25	11 19	11 78	76	12		120	97 9	$\begin{array}{c} 417\\ 418\end{array}$
 0  88	0	0	0	22 0	$72 \\ 112 \\ 3 \\ - 78 \\ 14 \\ 76 \\ 76 \\ -$	$     \begin{array}{r}       16 \\       30 \\       2     \end{array}     $ $35 \\       4 \\       25     \end{array}   $	14 14 	14 	0 	0 	163 0 120	0 0 	0	419 420 421 422 423 424
				· · · · · · · · · · · · · · · · · · ·	59 60 129 12 115 150	19 30 37 11 41 15	4 140	0	20	0				424 425 426 427 428 429 430 431 432
  				 	$116 \\ 160 \\ 18 \\ 51 \\ 39$	52 135 13 19 27	21	81	10 145 5 17	4 0 22 13	68 135	40 95 28 65 186	18 36 8	433 434 435 436 437 438
· · · · · · · · · · · · · · · · · · ·				 	$22 \\ 146 \\ 12 \\ 20$	1 87 1 30	9 30	3	20 16 25	2 10 20	25 	57 41 155	15 8 95	439 440 441 442
0 309 0 0	0	0	0	0 210 0	$\begin{array}{c} 64\\ 90\\ 372\\ 32\\ 152\\ 107\\ 34\\ 8\\ 52\\ 8\end{array}$	$21 \\ 30 \\ 66 \\ 5 \\ 152 \\ 107 \\ 34 \\ 14 \\ 52 \\ 3 \\ 3$	3 16 36 1 	19 13 33 1  0 5 0 3	47 31 63 13 30	31 0 0 0 8	542 0 74	a108 45 153 80 44 42 34	0 22 16	$\begin{array}{r} 443\\ 444\\ 445\\ 446\\ 447\\ 448\\ 449\\ 450\\ 451\\ 452\\ \end{array}$
			• • • • • •				0	46	22	18	150	31		453

a Includes art.

		Annua pense college partm	s in e de-	Anr livin pen	gex-	tips.	ships.		Library	
	Name.	Tuition fees.	Other fees.	Lowest.	Moderate.	Number of fellowships.	Number of scholarships.	Vol- umes.	Pam- phlets.	Value.
	1	2	3	4	5	6	7	8	9	10
	ALABAMA.									
$     \begin{array}{c}       1 \\       2 \\       3 \\       4 \\       5     \end{array} $	Howard College. Southern University. St. Bernard College. Spring Hill College. University of Alabama.	\$60 50 40 (b)	\$17 12 40 24	$$100 \\ 160 \\ a 300 \\ 100$	\$120 125 160 150	0 0 7	0 3 0	6,000 8,000 4,000 18,000 20,000	7,000 1,000 5,000 10,000	
	ARIZONA.									
6	University of Arizona ARKANSAS.	(b)	8	200	250			10,000	13,000	18,915
7 8 9 10 11 12 13	Henderson College Ouachita College Arkansas College Arkansas Cumberland College Hendrix College. University of Arkansas Philander Smith College	$50 \\ 50 \\ 50 \\ 40 \\ 60 \\ 0 \\ 16$	$12 \\ 4-14 \\ 5-7 \\ 5 \\ 8 \\ 5 \\ 1$	$180 \\ 100 \\ 90 \\ 100 \\ 120 \\ 145 \\ 56$	$200 \\ 120 \\ 110 \\ 140 \\ 135 \\ 182 \\ 72$	0 0 0 0	0 0 5 20 53 0	$\begin{array}{c} 1,000\\ 8,000\\ 4,300\\ 4,000\\ 8,400\\ 9,000\\ 2,000 \end{array}$	$500 \\ 1,000 \\ 1,200 \\ 1,000 \\ 700 \\ 3,000 \\ 500$	$1,500 \\ 10,000 \\ 7,500 \\ 2,500 \\ 4,000 \\ 15,000 \\ 2,000 \\ 15,000 \\ 2,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 \\ 10,000 $
	CALIFORNIA.									
$14 \\ 15 \\ 16 \\ 17 \\ 18 \\ 19 \\ 20 \\ 21 \\ 22 \\ 23 \\ 24 \\ 25$	University of California Pomona College. Occidental College St. Vincent's College * University of Southern California. California College. St. Mary's College Throop Polytechnic Institute St. Ignatius College University of the Pacific Santa Clara College. Leland Stanford Junior University	(b) 70 50 70 70 75 80 0 (b)	3 8 7  10 20	170 150 259 90 190 250 200 250	225 200 200 125 230 a 325 400 250 350	0  0 0	11 4 0 1	$\begin{array}{c} 133,779\\7,300\\3,500\\4,000\\6,000\\3,300\\4,865\\2,500\\53,278\\2,000\\17,850\\84,000\end{array}$	$575 \\ 1,500 \\ 250 \\ 1,354 \\ 1,500 \\ 9,200 \\ 800 $	250,000 7,405 4,000 
	COLORADO.									
26 27 28 29	University of Colorado Colorado College. College of the Sacred Heart University of Denver.	0 35 30 30	$     \begin{array}{c}       15 \\       8 \\       15 \\       5     \end{array}   $	125 122 150	$300 \\ 175 \\ 200 \\ 250$		$41 \\ 12 \\ 8 \\ 100$	$33,000 \\ 30,000 \\ 6,000 \\ 8,000$		$     * 40,000 \\     30,000 \\     7,000 \\     10,000 $
30	CONNECTICUT. Trinity College	100	30	220 100	400			49,000		\$0.000
31 32	Trinity College Wesleyan University Yale University DELAWARE.	75 155	33	200	175 400		$13 \\ 656$	390,000		60,000
33 34	State College for Colored Students. Delaware College	<sup>(b)</sup> 60	30 -	180	64 225		0	800 14,250		600 22,000
$35 \\ 36 \\ 37 \\ 38 \\ 39 \\ 40 \\ 41$	Catholic University of America Gallaudet College Georgetown University George Washington University Gonzaga College. Howard University St. John's College	$100 \\ 150 \\ 100 - 125 \\ 40 \\ 0 \\ 100$	0 2 7 2	350 a 150 425 180 85	500 a 250 500 300	3	92 25 22 12	37,000 6,000 90,000 13,700 10,000 46,612 5,500	1,000 5,000 2,500 1,000	$     \begin{array}{r}       10,000 \\       150,000 \\       16,709 \\       100,000 \\     \end{array} $

\* Statistics of 1903-4.

a Including tuition.

•

colleges for men and for both sexes.

					Income					-
Value of grounds and	Produc- tive			State appropr	or city riations.				Benefac-	
build- ings.	funds.	Tuition and other fees.	From produc- tive funds.	Cur- rent ex- penses.	other	propri-	other	Total.	tions.	
12	13	14	15	16	17	18	19	20	21	
\$75,000 135,000 80,000 300,000 300,000	\$40,000 0 1,000,000	\$8,000 3,420 19,000 50,000 5,000	0 \$2, 303 0 44, 000	0 0 0 \$5,000	0 0 0	0 0 0	\$9,000 13,904 0 0	\$17,000 19,627 19,000 50,000 51,000	\$13,000 0 0	1 2 3 4 5
172, 549		3, 273		25, 198		\$25,000	1,480	54,951		6
50,000 95,000	000000000000000000000000000000000000000	12, 500 20, 230	-	0	ō		7,543	12,500 27,773	12,160	7 8 9
25,000 55,000 80,000 310,000 45,000	20,000 12,000 46,100 130,000	3,500 5,989 4,070 3,400	300 2,760 3,900	73, 769	\$49,468	33, 182	250 2, 800 3, 900	4,050 11,549 164,389 7,300	1,800 700 400	10 11 12 13
3,807,608 125,000 135,000	4,280,435 185,000 5,300	45,153 28,959 9,000	201,140 11,098	331,396	193,707	40,000	18,077 1,636	829,473 41,693 9,000	303,377 21,597 52,000	$     \begin{array}{c}       14 \\       15 \\       16     \end{array}   $
$\begin{array}{c} 137,000\\ 200,000\\ 40,000\\ 300,000\\ 105,000\\ 800,000\\ \end{array}$	332,000 36,000 72,000	$\begin{array}{c} 14,000\\ 15,500\\ 1,700\\ 65,748\\ 33,500\\ 8,618\\ 10\\ \end{array}$	12,970 2,100 2,475	000	000	0 C	2,500 0 750	$\begin{array}{c} 14,000\\ 30,970\\ 3,800\\ 65,748\\ 36,725\\ 8,618\\ 18,000\\ \end{array}$	7,000 4,500 0 65,500 15,630	17 18 19
176,500 260,000 *3,000,000	109,000 .39,000,000	) 13,000	5,000					750,000		24
* 350,000 900,000	400,000	20,000		130,000				150,000	3,000	26 27 28
200,000 260,000	315,000	50,000	8,000					58,000	12,000	20
1,000,000 808,750	750,000 1,391,216 7,317,347	(3) * 17,952 20,733 457,333	2 * 24,349 71,711 377,313	5			11,646 18,368	* 42,301 104,090 853,016	60,000 68,367 1,397,200	30 31 32
30,000 140,000	83,000	1,200	4,980	)	2,000 7,500	5,000 35,000	5,468 6,699	12,468 55,379		33 34
$\begin{array}{c} 758,731\\730,000\\3,500,000\\1,118,724\\250,000\\2,000,000\\150,000\end{array}$	1,025,471 274,330	7,286 4,716 75,000 115,967 4,600	18,84 18,84 19,92			103,500	8,225 478 0 36,892	34,354 108,694 75,000 172,788 4,600	<b>267,233</b> 75,000 9,668	35 36 37 39 39
	grounds and build- ings.	grounds and build- ings.         Produc- tive funds.           12         13           \$75,000	grounds and build- ings.         Produc- funds.           12         13         14           \$75,000         \$1,000         \$1,000           3,5000         \$40,000         \$1,200           3,207         \$50,000         0           300,000         0         \$50,000           172,549	grounds and build- ings.         Produc- funds.         Tuition and other fees.         From produc- tive funds.           12         13         14         15           \$75,000 135,000 300,000 300,000 300,000 300,000 1,000,000         \$8,000 340,000 5,000 300,000 1,000,000         \$8,000 5,000 0 5,000 20,000 30,000 30,000         \$8,000 0 5,000 20,230         0 52,000 20,230           172,549	and build- ings.       tive funds.       Tuition and other fees.       From produc- tive funds.       Turtion rentex-penses.         12       13       14       15       16         \$75,00080,00080,000300,000125,000300,0001,000,0001,000,000       \$8,0005,0005,00020,200122,50025,000255,000255,000255,000120,000133,00046,100133,00046,100133,00046,000133,00046,000133,000133,000135,000125,000125,000125,000125,000125,000125,000125,000133,000133,000133,000133,000133,000133,00014,000200,000200,000220,000133,00014,000200,000220,000233,50022,775030,000220,000220,00013,00013,00013,00013,00013,00013,00013,00013,00013,00013,00013,00013,00013,00013,00013,00013,00013,00013,00013,00013,00013,00013,00013,00013,00013,00013,00013,00013,00013,00012,00013,00013,00012,00013,00013,00012,00013,00012,00013,00012,00013,00012,00013,00012,00013,00012,00013,00012,00013,00012,00013,00012,00013,00012,00013,00012,00013,00012,00013,00012,00013,00012,00013,00012,00013,00012,00013,00012,00012,00013,00012,00012,00013,00012,00012,00012,00013,00012,00012,00013,00012,00013,00012,00013,00012,00013,00012,00013,00012,00013,00012,00013,00012,00012,00013,00012,00013,00012,00012,00013,00012,00013,00012,00012,00013,00012,00013,00012,00013,00013,00012,00013,00012,00013,00012,00012,00013,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,00012,	Value of grounds and build- ings.         Produc- tive funds.         Tuition and other fees.         From and tive funds.         State or city appropriations.           12         13         14         15         16         17           \$75,000 35,000 300,000 300,000 300,000 300,000	grounds and build- ings.         Produc- funds.         Tuition and other fees.         From and tive funds.         State of Cryst proputations.         Feder- al ap- propriations.           12         13         14         15         16         17         18           \$75,000	Value of grounds and build- ings.         Produc- tive funds.         Tuition other fees.         From tive funds.         State or city appropriations. rent penses.         Feder al ap- poses.         Feder al ap- poses.         From atoms propri- sources.           12         13         14         15         16         17         18         19           \$75,000 300,000 300,000 300,000 300,000 300,000 300,000 1,000,000         \$\$5,000 5,000         0         0         0         \$\$9,000 13,900         0         0         \$\$9,000 13,900         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0         0	Value of and billd- tings.         Produc- twe funds. $rotat.$ State or city appropriations.         Feder- other stons.         From other produc- stons.         From al ap- purses.         Feder- poinses.         From other stons.         Total.           12         13         14         15         16         17         18         19         20           \$75,000	Value of and and ings.         Produc- tive funds.         Tuition and reference fees.         From two funds.         State or city pensos.         Feder propriations.         Feder propriati

b Free to residents; \$20 to nonresidents.

		Annua pense college partm	s in e de-	Ann living pens	g ex-	hips.	ships.	-	Library	
	Name.	Tuition fees.	Other fees.	Lowest.	Moderate.	Number of fellowships.	Number of scholarships	Vol- umes.	Pam- phlets.	Value.
	1	2	3	4	5	6	7	8	9	10
	FLORIDA.									
42 43 44 45 46	John B. Stetson University * University of Florida St. Leo College Florida State College * Rollins College	(a) 50 0 50	0 0 \$10	\$157 120 100 105 138	\$150 150 150 150	0 0 	$3 \\ 45 \\ 1 \\ 45 \\ 12 \\ 12 \\ 12 \\ 12 \\ 12 \\ 12 \\ 12 \\ 1$	$13,000 \\ 4,609 \\ 6,000 \\ 4,000 \\ 2,000$	55,690 3,000 650	\$33,000 2,500 5,500 3,000
$\begin{array}{r} 47\\ 48\\ 49\\ 50\\ 51\\ 52\\ 53\\ 54\\ 55\\ 56\\ 57\\ \end{array}$	GEORGIA. University of Georgia	$egin{array}{c} 0 \\ 12 \\ 16 \\ 9 \\ 32 \\ 10 \\ 55 \\ 60 \\ 12 \\ 22 \\ 15 \\ 15 \end{array}$	$15 \\ 0 \\ 0 \\ 3 \\ 1 \\ 0 \\ 4 \\ 6 \\ 0 \\ 0$	80 80 63 80 100 90 	162 80 64 72 125 200 150 76 90 100	0 0 1  2 	0 0 1  6 	$\begin{array}{c} 30,000\\ 2,500\\ 12,000\\ 1,500\\ 1,000\\ 1,000\\ 20,000\\ 30,000\\ 1,000\\ 500\\ 800\end{array}$	500 700 200 750 5,000	50,000 3,000 12,000 300 1,000 4,000 10,000 1,200 300 1,000
57	Young Harris College IDAHO.	13			100	••••		800	300	1,000
58	University of Idaho	0	2	200	250	0	3	5,149	3,800	7,500
$\begin{array}{c} 59\\ 60\\ 61\\ 62\\ 63\\ 66\\ 68\\ 69\\ 71\\ 72\\ 73\\ 75\\ 76\\ 77\\ 78\\ 81\\ 823\\ 84\\ 85\\ 86\\ 87\end{array}$	Hedding College	$\begin{array}{c} 48\\ 40\\ 50\\ 40\\ 40\\ 30\\ 30\\ 50\\ 45\\ 80\\ 30\\ 60\\ 55\\ 48\\ 50\\ 40\\ 30\\ 60\\ 55\\ 48\\ 50\\ 30\\ 36\\ 36\\ 36\\ 36\\ 37\\ 37\\ 37\\ \end{array}$	$\begin{array}{c} 10\\ 5\\ 2\\ 2\\ 5\\ 10\\ 0\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$	95 <sup>b</sup> 275 (100) 200 200 200 200 200 200 200	$\begin{array}{c} & 300\\ 150\\ 150\\ 250\\ 225\\ 150\\ 100\\ 200\\ 200\\ 250\\ 250\\ 150\\ 150\\ 175\\ 175\\ 175\\ 175\\ 150\\ 150\\ 150\\ 150\\ 160\\ 160\\ 133\\ 140\\ 350\\ 150\\ 150\\ 150\\ 150\\ 150\\ 150\\ 150\\ 1$		18 4 3 10 240 25 7 7 7 7 7 14 13 3 14 33  8 0 0 40 515  40  14 15  10  10  10  10  10  10  10  10  10  10  10  10  10  14  14  14  14  14  14  14  14  14  14  14  14  14  14  14  14  14  14  14  14  14  14  14  14  15  14   14  14                                                                                                                                                                                        	$\begin{array}{c} 5,000\\ 7,000\\ 6,000\\ 4,000\\ 1,500\\ 24,000\\ 1,500\\ 9,000\\ 93,236\\ 6,000\\ 9,000\\ 9,000\\ 9,000\\ 0,000\\ 7,000\\ 5,000\\ 17,000\\ 8,000\\ 4,000\\ 6,000\\ 8,000\\ 7,373\\ 20,500\\ 8,000\\ 8,000\\ 9,3,200\\ 8,000\\ 8,000\\ 9,3,200\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8,000\\ 8$	1,000 2,000 5,800 5,800 5,800 5,800 1,000 66,228 3,000 3,000 3,000 3,000 2,250 1,200 1,200 2,250 1,200	$\begin{array}{r} 4,000\\ 5,000\\ 30,000\\ 3,000\\ 441,143\\ 3,500\\ 1,600\end{array}$
88 89 90 91	INDIANA. Indiana University St. Joseph's College Wabash College Concordia College	0 50 50 40	3	$160 \\ 130 \\ 150 \\ 72$	150     200	5		50,950 7,200 40,000 10,000	800 10,000	52, 415 7, 500 30, 600

\* Statistics of 1903-4.

a Free to residents; \$20 to nonresidents.

## colleges for men and for both sexes-Continued.

Value						Income					
of sci- entific appara- tus, ma-	Value of grounds and	Produc- tive			State appropi	riations.				Benefac- tions.	
chinery, and furni- ture.	build- ings.	funds.	Tuition and other fees.	From produc- tive funds.	Cur- rent ex- penses.	other special	Feder- al ap- propri- ations.	From other sources.	Total.	tions.	
11	12	13	14	15	16	17	18	19	20	21	
\$35,000 55,000 3,000 3,000 16,000	\$250,000 153,475 25,000 40,000 100,000	\$195,000 153,800 65,000 200,000	\$14,093 11,193 8,000 3,000 5,195	\$15,004 7,710 4,500 8,000	\$12,238 55,000		\$27,500	\$2,000 3,000		\$2,000 20,000	<b>42</b> 43 44 45 46
$30,000 \\ 5,000 \\ 10,000 \\ 2,500 \\ 200$	520,000 70,000 260,000 75,000 15,000	509,748 21,000 53,000	8, 146 991 3, 350 6, 050	$26,964 \\ 840 \\ 2,075$	142, 400 0 0	\$32, 500 0 0	25,000 0 0	1,475 7,772 300	236, 485 9, 603 5, 725 6, 050	22, 466 455 39, 000	47 48 49 50 51
8,000 5,000 4,000		250,000 222,115 0 14,000	1,000 15,000 12,356 4,198	8,000 10,790	16, 500			4,000 2,455 14,697 502	21,500 23,000 25,601 18,895	500 2,000 100	52 53 54 55
400 600	10,000 45,000	0 14,000	2,600 900	0 700	700 300	0	0	502	$3,300 \\ 2,402$	100	56 57
47,820										445	
2,000	60,000 80,000	65,000 118,350	5, 500	4,315				10,828	-20,643		59 60
10,000 5,000 50,000 2,500	100,000 40,000 50,000 200,000 100,000	$30,000 \\ 50,577 \\ 1,000 \\ 0$	1,500 6,466 14,000 7,000	$1,700 \\ 3,259 \\ 50$				2,800 517	6,000 10,242 14,050 7,600	7,259	61 62 63 64 65
2,500 757,419 40,000 4,000	7,183,845 240,000 75,000 125,000	7,752,617 200,000 3,806 66,000	504, 554 23,000 5,644 10,000	336,144 32,500 152 1,300	0	0	0	47,607 14,339 1,000	888,205 55,500 20,135 12,500	579, 873 500 3, 252 35, 104	67 67 68
$\begin{array}{r} 447,168\\ 500\\ 30,165\\ 12,000\\ 5,000\end{array}$	3,118,760 50,000 219,252 125,000	4, 120, 694 18,000 272, 212 200,000	c342, 246	191,148 13,892	0	0	0		533, 394 28, 674 20, 000	243,019 25,000	70 71 72 73 74 75
5,000 30,000 5,000	$\begin{array}{r} 60,000\\ 243,894\\ 700,000\\ 65,000 \end{array}$	228,720 600,000 135,000	6,125 6,903 7,000 3,837	8,450 25,000 2,273				8,815	6,125 24,168 32,000 6,110	15,000	74 75 76 77 78 79
19, 500	$106,000 \\ 100,000 \\ 100,000 \\ 300,000$	100,000 239,944 310,000 0	1,533 19,127 9,165		0 0	0 0	0 0	118 1,977 9,204 0	8,113 32,479 31,944	9, 455 30, 000 400	78 79 80 81
50,000 5,000 460,000 2,500	175,000 243,025 100,000 1,400,000 60,000	58, 502 140, 462 623, 710 26, 100	$31,183 \\ 27,500 \\ 6,622 \\ 205,996$	6,051 33,000	250,000	276, 200	40,000	7,511 21,000 1,268 60,854	38,694 13,941 866,050	7, 259 0 579, 873 5,000 243,019 25,000 15,000 100,000 9,455 30,000 4,150 3,500 10,400 4,150 24,000 13,303	82 83 84 85 86
2, 500 11, 200	179,000	71, 583	9,480	3,872	0	0	0	1,135	14,487	13, 303	87
62, 516 12, 000 20, 000	351 900		4 500		190.000	100.000			294.500		88
20,000		ding tuiti							13,000 13,000 s, \$22,858.		91

-		Annua pense college partm	s in e de-	Anr livin pen	g ex-	hips.	ships.		Library	
	Name.	Tuition fees.	Other fees.	Lowest.	Moderate.	Number of fellowships.	Number of scholarships.	Vol- umes.	Pam- phlets.	Value.
	1	2	3	4	5	6	7	8	9	10
92 93 94 95 96 97 98 99 100 101	INDIANA—continued. Franklin College. De Pauw University. Hanover College. Butler College. Union Christian College. Moores Hill College. University of Notre Dame. Earlham College. St. Meinrad College. Taylor University.	\$42 45 0 45 18 30 100 77 30 36	\$3 24 15 7 0 0 3	\$150 200 150 154 100 81 300 130 72	200 204 140	 0 0	3  1 4 50	$\begin{array}{c} 15,000\\ 27,000\\ 20,000\\ 10,000\\ 3,000\\ 5,000\\ 60,000\\ 12,000\\ 16,000\\ 5,000\end{array}$	2,000 2,000 1,000	\$16,000 3,750 3,000 2,000
$\begin{array}{c} 102 \\ 103 \end{array}$	INDIAN TERRITORY. Indian University Henry Kendall College	20 22	9	$108 \\ 125$	150	<u>.</u> 0	<sub>0</sub>	2,500 3,000	500 3,000	2,000 2,500
$\begin{array}{c} 104\\ 105\\ 106\\ 107\\ 108\\ 109\\ 110\\ 111\\ 112\\ 113\\ 114\\ 115\\ 116\\ 117\\ 118\\ 119\\ 120\\ 121\\ 122\\ 123\\ 126\\ 124\\ 125\\ 126\\ 127\\ 128 \end{array}$	IOWA. Coe College	$\begin{array}{c} 40\\ 38\\ 40\\ 0\\ 42\\ 49\\ 40\\ 32\\ 38\\ 35\\ 55\\ 32\\ 20\\ 332\\ 30\\ 32\\ 45\\ 47\\ 40\\ 20\\ 48\\ 37\\ 30\\ 36\\ \end{array}$		$\begin{array}{c} 117\\ 90\\ 125\\ 100\\ -200\\ 75\\ -150\\ 100\\ 87\\ 160\\ 106\\ 133\\ 100\\ 103\\ 118\\ 150\\ 99\\ 100\\ 125\\ 100\\ 125\\ 100\\ 125\\ 100\\ 120\\ -117\\ 160\\ \end{array}$	$\begin{array}{c} 130\\125\\150\\125\\200\\125\\200\\140\\180\\140\\180\\180\\175\\175\\175\\175\\250\\150\\200\\200\\\end{array}$	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$ \begin{array}{c}     4 \\     0 \\     \vdots \\     10 \\     41 \\     0 \\     0 \\     14 \\     0 \\     0 \\     200 \\     \vdots \\     12 \\   \end{array} $	5,175 1,500 3,300 250 3,342 5,000 2,000 1,050 12,000 34,323 4,022 4,116 75,006 2,400 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000	200 1,000 250 4,000 2,050  600 250 57 3,000 1,500  1,000 8,054	$\begin{array}{c} 7,500\\ 4,000\\ 2,700\\ 300\\ 10,500\\ 5,060\\ 10,281\\ 1,000\\ 3,000\\ 20,000\\ *10,000\\ 6,000\\ 1,800\\ 5,016\\ 5,000\\ 2,750\\ 10,000\\ 34,000\\ -5,000\\ 4,000\\ -5,000\\ 2,000\\ 4,000\\ -5,000\\ 4,700\\ -5,000\\ 2,000\\ 4,700\\ -5,000\\ -2,000\\ 20,000\\ 4,700\\ -5,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2,000\\ -2$
$\begin{array}{c} 129\\ 130\\ 131\\ 132\\ 133\\ 134\\ 135\\ 136\\ 137\\ 138\\ 139\\ 140\\ 141\\ 142\\ 143\\ 144\\ 145\\ 144\\ 145\\ 146\\ 147\\ \end{array}$	KANSAS. Midland College	$\begin{array}{c} 40\\ 60\\ 30\\ 25\\ 39\\ 36\\ (a)\\ 27\\ 50\\ 40\\ 60\\ 35\\ 36\\ 50\\ 36\\ 40\\ 0\\ 33\\ 38\\ \end{array}$	$0 \\ 3 \\ 4 \\ 1 \\ (b) \\ 1 \\ 22 \\ 6 \\ 1 \\ 3-9 \\ a \\ 811$	105 81 150 100 115 100 160 90 100 175 150 120 100 175 80 125	150 130 260 100 150 220 170 200 150 250 250 100 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170 170		4 3 5 4 0 0 0 0	$\begin{array}{c} 8,000\\ 20,000\\ 12,000\\ 7,000\\ 5,000\\ 3,000\\ 2,000\\ 48,500\\ 6,000\\ 10,000\\ 6,000\\ 15,200\\ 3,000\\ 12,000\\ 24,000\\ 3,000\\ 1,000\\ 4,000\\ 0 \end{array}$	$\begin{array}{c} 500\\ 3,000\\ 1,000\\ \end{array}\\ \begin{array}{c} \\ 32,000\\ 200\\ 5000\\ \end{array}\\ \begin{array}{c} \\ 2,824\\ 500\\ 2,800\\ 2,000\\ 3,000\\ 1,000\\ 1,500\\ 1,000\\ \end{array}$	7,000 25,000 7,000 3,000 1,000 90,000 3,000 10,000 10,000 13,000 10,000 10,000 1,800

\*Statistics of 1903-4. a \$10 to residents; \$20 to nonresidents.

colleges for men and for both sexes—Continued.

Value of sci-						Income					
entific appara- tus, ma-	Value of grounds and	Produc- tive			State appropr	or city lations.				Benefac-	
chinery, and furni- ture.	build- ings.	funds.	Tuition and other fees.	From produc- tive funds.	Cur- rent ex- penses.	Build- ing or other special pur- poses.	Feder- al ap- propri- ations.	From other sources.	Total.	tions.	
11	12	13	14	15	16	17	18	19	20	21	
\$9,000	400 000	200 000	\$4,710 21,000	\$11,527 18,500		. <u>.</u>		\$12,500	\$16,237 52,000	\$59,000	
5,000 5,000 300,000	$150,000 \\ 125,000 \\ 25,000 \\ 60,000 \\ 2,000,000$	25,000	6,000 2,502 5,000	$14,000 \\ 4,212 \\ 1,000$	0	0	0	254	$20,000 \\ 6,968 \\ 6,000$	\$59,000 1,239 2,000 0 1,825	
300,000 50,000 300 5,000	200,000	262, 000 0	20,600 3,000 7,648	12,000	0	0	0	$25,800 \\ 11,500 \\ 4,267$	$58,400 \\ 14,500 \\ 11,915$	0 1, 825	1
600 750	65,000 100,000	0						5,849		11,500	]
$15,000 \\ 7,000 \\ 1,500 \\ 500$	55,000 80,000 29,000 100,000	53,000 1,500 12,000 10,645	9,540 4,500 4,270 3,000	9,400 1,500 700				$\begin{array}{c} 1,000\\ 15,083\\ 25,000\\ 4,000\\ 405\\ 8,000\\ 0\\ 3,989\\ 0\\ 1,207\\ 1,326\\ 8,500\\ 0\\ 1,207\\ 1,226\\ 237\\ 0\\ 2,200\\ \end{array}$	$18,940 \\ 7,000 \\ 4,270 \\ 3,700$	8, 500 12, 321 1, 850	
1,000 25,965 2,000 25,000 8,000	277,000 150,000	255,100	2,177 57,059 25,000 4,000 10,650	4,542 23,930 8,000 3,650	C	0	0	15,683 25,000 4,000	6,719 96,672 50,000 12,000 18,300 47,888	30,000 30,000 2,000 76,800	
8,000 *6,000 1,900 5,500 207,750 1,116	123,000 1,250,000	$\begin{array}{c} 130,000\\ 100,000\\ 355,042\\ 7,000\\ 76,700\\ 235,120\\ 0\end{array}$	$\begin{array}{c} 1,000\\ 10,650\\ 27,692\\ 5,000\\ 17,079\\ 50,000\\ 489\end{array}$	$ \begin{array}{c} 19,791\\ 420\\ 3,460\\ 12,000 \end{array} $	\$185, 500	\$245, 500		$405 \\ 8,000 \\ 3,989 \\ 0 \\ 1,207 \\ 0$	47,888 13,420 24,534 493,000 1,696	10,600 12,252	
1,500 2,692 7,000 36,000 4,200	20,000 156,000 256,672 52,000	29,900 60,000 490,395 106,000	$\begin{array}{r} 620\\ 1,743\\ 8,900\\ 30,603\\ 10,352\end{array}$	2,000 2,000 5,000 16,877 4,000	C	C	0	$1,326 \\ 8,500 \\ 0 \\ 500$	1,696 2,620 5,069 22,400 47,480 14,852	$500 \\ 18^7 \\ 2,000 \\ 114,274 \\ 2 \\ 12,500 $	) 7 ) [
9,000 5,775 25,000 5,000	60,000 200,000 33,000 88,507	75,000	• 17, 153 4, 232 7, 251 5, 831	2,397 4,810	0	C	, C	10, 212 237 0 2, 200	27,365 6,866 12,061 8,031	1,000	) ) )
2,000 2,500 25,000	75,000 97,000 100,000 99,000	35,000 50,000	3.000	2,000			1	6,000 9,000	11,000	10,000 5,000	)
1,000 1,000 5,000 2,000	30,000 85,000 50,000	24 CL. CR. 8	1,800	2,400	) 170 000	50.500	)	9,000	2,300 3,600 11,515 10,800 249,150	10,000	)
255,000 400 6,000 6,000	15,000 175,000 107,900 130,000	$ \begin{array}{c}     5,000 \\     31,000 \\     125,000 \\   \end{array} $	$ \begin{array}{c} 1,200\\ 60,000\\ 6,234\\ 25,620 \end{array} $	0,000 300 3,000 5,612	) 170,000 ) () 3,000	) ((		0 6,700	$\begin{array}{c} 1,500\\ 72,700\\ 11,846\\ 25,620\end{array}$	0	)
2,000 500 54,750 4,000 2,500		33,000 90,000 56,173	5,200 3,300 29,289 6,140	1,500 5,523 2,141 2,500				$\begin{array}{c} 6,000\\ \hline 9,000\\ \hline 9,000\\ \hline \\ 9,000\\ \hline \\ 9,000\\ \hline \\ 0\\ \hline \\ 0\\ \hline \\ 0\\ \hline \\ 2,300\\ \hline \\ 1,100\\ \hline \\ 4,325\\ 3,620\\ \hline \\ 3,500\\ \hline \\ 4,029\\ \hline \end{array}$	7,500 5,900 39,649 11,901 10,000	10,000 5,000 10,000 18,000 	) )

\$5 to residents; \$10 to nonresidents.

ED 1905-VOL 1-43

		Annua pense college partm	s in de-	Ann living pens	gex-	lips.	hips.		Library	•
	Name.	Tuition fees.	Other fees.	Lowest.	Moderate.	Number of fellowships.	Number of schoarships	Vol- umes.	Pam- phlets.	Value.
	1	2	3	4	5	6	7	8	9	10
	KENTUCKY.									
$148 \\ 149 \\ 150 \\ 151 \\ 152 \\ 153 \\ 154$	Union College. Berea College. Central University of Kentucky. Georgetown College. Liberty College. Agricultural and Mechanical Col- lege of Kentucky. Kentucky University.	\$40 21 50 45 50 25 30	\$8 	\$70 115 160 76 135	240 230 130 133 185	  10	30 		13,066	50 12,843
$     155 \\     156 \\     157     $	lege of Kentucky. Kontucky University. Bethel College. St. Mary's College. Kontucky Wesleyan College.	50 40 30	$     \begin{array}{r}       7 \\       15 \\       20     \end{array}   $	114 150	$     \begin{array}{r}       114 \\       140 \\       250     \end{array} $	1		6,000 4,000	1,200	25,000 4,000
$158 \\ 159 \\ 160 \\ 161$	LOUISIANA. Louisiana State University Jefferson College. Centenary College of Louisiana* College of the Immaculate Con-	(a) 50 60	5-25 8 14	121 <sup>b</sup> 250 114	121	0 0 0	0 0	$24,000 \\ 7,600 \\ 2,000 \\ 18,476$	500 1,000 4,816	$28,536 \\ 4,500 \\ 3,500 \\ 10,000$
$162 \\ 163 \\ 164$	ception. Leland University New Orleans University* Tulane University of Louisiana	85	9 15	90 100 180	150	 0 1	0 246	$3,000 \\ 5,000 \\ 25,000$	5,000	20,000
	MAINE.									
$     \begin{array}{r}       165 \\       166 \\       167 \\       168     \end{array} $	Bowdoin College Bates College University of Maine Colby College	75 50 30 60	$0 \\ 21-24 \\ 30 \\ 30 \\ 30$	260 109 143 225	$350 \\ 171 \\ 152 \\ 300$		$     \begin{array}{r}       100 \\       72 \\       4 \\       70     \end{array} $	82,000 24,742 27,200 42,200	8,300 20,000	$ \begin{array}{r} 110,000 \\ 30,000 \\ 30,000 \\ 30,000 \\ 30,000 \end{array} $
	MARYLAND.				•					
169 170 171 172 175 174	St. John's College. Johns Hopkins University. Loyola College. Washington College. Rock Hill College. St. Charles College. Mount St. Mary's College *. New Windsor College. Western Maryland College.	75 150 50 36 50	46 5 13 1 38 40	175			. 4	9,000 123,000 40,000 3,000 3,000 8,000	100,000 5,000 500 4,000	$9,000 \\ 203,000 \\ 20,000 \\ 1,500 \\ 15,000 \\ 70,000 \\ 6,000 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$
175 176 177	St. Charles College Mount St. Mary's College *		····20	b 300	185	····	2	19,000 27,000 6,000		70,000
178	Western Maryland College	45 45	•••••	180				6,000		
	MASSACHUSETTS.				-					
179 180 181 182 183 184 185 186 187	Amherst College Boston College Harvard University American International College Tufts College Williams College Clark University * Collegiate Department, Clark Uni- versity.		25	190 250 95 125 323 175	250 350 400 120 200 500 200	35 2 0 32	110 378 	2,500 52,685	400,650 1,000 35,021	3, 500 50,000 100, 000
188	College of the Holy Cross*	60	22	185	235	0	8	20, 500		20,000
189 190 191 192	MICHIGAN. Adrian College Albion College Alma College University of Michigan	15 30 32 (¢)	 2	168 95 117 133	133     144	 0 7	12 33 5	6,000 17,000 19,234 194,898	1,000 5,000 20,000	5,000 30,000 17,817 350,000

.

\* Statistics of 1903-4. a Free to residents; \$60 to nonresidents.

e

colleges for men and for both sexes—Continued.

Value of sci-						Income					
entific appara- tus, ma-	Value of grounds and	Produc- tive			State approp	or city riations.				Benefac-	
and furni- ture.	build- ings.	funds.	Tuition and other fees.	From produc- tive funds.	Cur- rent ex- penses.	Build- ing or other special pur- poses.	Fedcr- al ap- propri- ations.	From other sources.	Total.	tions.	
11	12	13	14	15	16	17	18	19	20	21	
\$1,500 162,091 10,000 3,000 79,307	\$50,000 240,870 216,000 128,000 25,000 691,988	378,000 509,772 500,000 230,000 144,075	\$6,570 49,000 8,662 5,000 5,542	\$23,352 25,000 13,380 8,644	\$37,627		\$36,375	\$150 5,000 1,028	\$29, 922 74, 150 27, 042 5, 000 89, 216	\$141,285 3,000 12,419	1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.
5,000 1,000	90,000 75,000	65,000	5,500 15,000 2,750		00	0 0	00	22,342 0 1,800	52,413 12,000 15,000 7,800	25,000 7,000 60,000	1 1 1
74,123 5,500 2,000 30,000	500,000	318, 313 0	11,000	14, 556 0	15,000 0	\$23,700 0	28,159 0	21,379 0 3,000	111,724 8,000 14,500	0	
1,000 115,000	250,000 150,000 655,000	115,000 2,368,000	15,000 83,800	66,000				7,000	22,000 149,800	12,900	1 1 1
20,000 10,000 54,000 15,000	930,000 400,000 285,000 300,000	969,000 421,487 218,300 425,000	31,716 13,764 30,639 19,500	42,659 22,778 9,915 17,000	026,000	0	040,000	11,089	$85,464 \\ \cdot 36,542 \\ 106,554 \\ 36,500$	58,384 17,307 50,000 41,500	1 1 1 1
50,000 175,000 5,000 15,000 25,000 5,000 5,000	$\begin{array}{c} 500,000\\ 1,180,000\\ 300,000\\ 85,000\\ 70,000\\ 50,000\\ 150,000\\ 100,000\\ 99,000\\ 250,000\end{array}$	5,000 4,845,000 5,075 35,000	10, 500 97, 000 3, 200 2, 851 6, 807 25, 000 3, 000	181,000 202 1,014	16,700 25,000 0 14,000	15,000		3,000	45,200 303,000 4,000 3,113 29,321 25,000 3,000	56,000 (00 14,341 	1 1 1 1 1 1 1 1 1 1 1 1 1
100,000 3,889 ,500,000 25,000 67,800	$\begin{array}{c} 1,000,000\\ 537,800\\ 840,000\\ 7,000,000\\ 96,500\\ 800,000\\ 659,292\\ 459,500\end{array}$	1,800,000 2,079,597 18,036,020 25,000 1,890,000 1,373,488 2,877,082 1,300,000	43, 500 79, 339 706, 681 4, 480 115, 200 72, 694 4, 000	69,000 11,780 775,364 62,500 66,030 50,000				69,656 143,830 6,000 4,1ə2	112, 500 100, 781 1, 625, 875 4, 880 183, 700 142, 862 54, 000	70,000 5,193 2,350,428 12,600 10,000 51,758	
8,000	500,000	8,000	20,400	320					20,720	)	1
2,000 40,000 9,210 975,710	$150,090 \\ 200,000 \\ 147,296 \\ 1,922,629$	26,000 255,000 230,357 546,000	15,600	$ \begin{array}{c} 1,500\\ 14,500\\ 12,591\\ 38,500 \end{array} $	403, 525			498 10,000 3,962 100,440	14,21140,10022,129763,750	9,000 7,681 20,000	1

		Annua pense college partm	es in de-	Ann living pens	gex-	nips.	ships.		Library	r.
	Name.	Tuition fees.	Other fees.	Lowest.	Moderate	Number of fellowships.	Number of scholarships	Vol- umes.	Pam- phlets.	Value.
	1	2	3	4	5	6	7	8	9	10
	MICHIGANcontinued.									
193 194 195 196 197	Detroit College	\$60 2 18 30 50	\$15 22	\$76 150 185	\$114 200 210		9 0  11	$12,487 \\ 14,128 \\ 15,000 \\ 9,000 \\ 30,100$	3,500 25,000	\$19,262 50,000
198 199 200 201 202 203 204 205 206	St. John's University. Augsburg Seminary. University of Minnesota. Carleton College. St. Olaf College Hamline University. Macalester College Gustavus Adolphus College Parker College.	$50\\ 30\\ 10\\ 40\\ 15\\ 34\\ 32\\ 32\\ 27$	$2 \\ 3-5 \\ 10 \\ 8 \\ 12 \\ 12 \\ 12 \\ 12 \\ 12 \\ 12 \\ 12 $	····200	60 300 225 214 133 175	0	1 2	20,000 3,000 107,800 20,000 5,850 7,000 8,200 9,000 3,200	2,000	$\begin{array}{c} 30,000\\ 3,000\\ 95,000\\ 16,800\\ 5,500\\ 10,000\\ 3,500\\ 2,000\\ .3,000\\ .3,000 \end{array}$
207	MISSISSIPPI.	35		100	150		1	3,000	500	4,000
207 208 209 210	Mississippi College Rust University Millsaps College * University of Mississippi	30 0		70 120	75		····. 5	5,000 5,000 23,040	3,000	4,000 5,000 12,000 30,000
	MISSOURI.									
211 212 213 214 215 216 217 218 219 220 221 222 223 224 226 226 227 228 229	Southwest Baptist College* Pike College* Missouri Wesleyan.College Christian University Clarksburg College University of Missouri Central College Westminster College. Pritchett College * La Grange College. William Jewell College Milliam Jewell College Park College Christian Brothers College St. Louis University Washington University Drury College Tarkio College Central Wesleyan College	$\begin{array}{c} 40\\ 40\\ 37\\ 37\\ 38\\ 40\\ 0\\ 50\\ 50\\ 46\\ 40\\ 40\\ 30\\ 30\\ 50\\ 50\\ 150\\ 50\\ 30\\ 36\\ 36\\ \end{array}$	$10 \\ 5 \\ 10-15 \\ 6-8 \\ 10 \\ 15 \\ 3 \\ 7 \\ 15 \\ \\ 8 \\ 2 \\ 2 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 \\$	175 120 110 125 100 114 320 160	$152 \\ 400 \\ 200 \\ 300 \\ 125 \\ 128$	0 7 0	0 7 7 15 15 1 25 47 70 20	$\begin{array}{c} 1,000\\ 1,825\\ 2,500\\ 4,500\\ 3,500\\ 69,410\\ 7,000\\ 4,993\\ 1,000\\ 7,000\\ 13,000\\ 13,000\\ 11,000\\ 15,000\\ 10,300\\ 28,000\\ 28,500\\ 1,981\\ 8,000 \end{array}$	621 2,000 500 1,000 6,000 1,500 12,000 20,000 20,000	590 2,000 8,000 8,000 4,000 118,710 10,000 3,000  10,000 23,846  10,000 23,846  10,000 23,000 15,000 4,000 8,000
230	University of Montana	0	12	175	210			16,000	7,000	25,000
231 232 233 234 235 236 237 238 239 240	NEBRASKA. Bellevue College Cotner University Union College * Doane College * Grand Island College Hastings College University of Nebraska Creighton University Nebraska Wesleyan University York College	80 25 37 35 30 23 (a) 0 25 32	10 7 8 20	$120 \\ 105 \\ 90 \\ 100 \\ 140 \\ 86 \\ 150 \\ 135 \\ 125 \\ 72$	150 100 140 200 220 162 175	0 0 12	7 3 3 27	5,280 2,000 3,000 9,796 5,642 3,700 66,000 15,000 15,000 1,500	6,012 5,230 1,500 2,000	5,849 3,000 7,200 6,000 145,000 10,000 10,000 2,500

\* Statistics of 1903-4.

a Free to residents; \$20 to nonresidents.

•

colleges for men and for both sexes—Continued.

1											
Value of sci-						Income					
entific appara- tus, ma-	and	Produc- tive			State approp	rigtions				Benefac-	
chinery, and furni- ture.	build- ings.	funds.	Tuition and other fees.	From produc- tive funds.	Cur- rent ex- penses.	Build- ing or other special pur- poses.	Feder- al ap- propri- ations.	From other sources.	Total.	tions.	
11	12	13	14	15	16	17	18	19	20	21	
\$40,099		\$251,983 258,381	\$9,621 2,386 2,725	\$11,939 13,523	0	0	0	\$25	\$9,621 14,350 16,248	\$2,060 5,7 <b>57</b> 9,067 52,000	193 194 195 196
55,000	250,000	120,000	15,000	6,000	• • • • • • • • •				21,000	52,000	197
$\begin{array}{c} 25,000\\ 500\\ 223,000\\ 55,000\\ 8,300\\ 18,000\\ 8,000\\ 5,000\\ 1,000\end{array}$	1,730,000 200,000 104,700 169,000	0 1, 367, 639 250, 000 16, 000 394, 511 10, 000 80, 000	$\begin{array}{c} 15,200\\ 1,100\\ 126,072\\ 18,190\\ 9,754\\ 10,166\\ 5,000\\ 8,000\\ 1,014\\ \end{array}$	54,100 15,000 17,518 500 3,750	\$234, 443 0	\$224, 655 0	\$40,000	$\begin{array}{c} 8,500\\ 4,900\\ 32,439\\ 1,075\\ 14,696\\ 0\\ 16,000\\ 20,150\\ 432 \end{array}$	$\begin{array}{c} 23,700\\ 6,000\\ 711,709\\ 34,265\\ 24,450\\ 27,684\\ 21,000\\ 28,650\\ 5,546\end{array}$	$\begin{array}{c} 200\\ 1,600\\ 500\\ 4,832\\ 25,000\\ 7,498\\ 10,000 \end{array}$	198 199 200 201 202 203 204 205 206
3,000 3,000 5,000 100,000		115,000 688,380	15,978 5,752 9,750	8,000 41,303		15,000	0	$6,734 \\ 2,100 \\ 1,500$	15,852 81,053	13,460 4,500	209
$\begin{array}{c} 200\\ 1, 800\\ 5, 000\\ 1, 500\\ 2, 500\\ 00, 2, 500\\ 10, 000\\ 1, 000\\ 1, 000\\ 1, 000\\ 1, 000\\ 3, 000\\ 10, 000\\ 3, 000\\ 100, 000\\ 15, 000\\ 3, 500\\ 2, 000\\ \end{array}$	$\begin{array}{c} 30,000\\ 10,000\\ 80,000\\ 12,003,206\\ 155,000\\ 155,000\\ 135,000\\ 35,000\\ 35,000\\ 35,000\\ 35,000\\ 35,000\\ 322,000\\ 650,000\\ 975,000\\ 975,000\\ 2,000,000\\ 82,951\\ 120,000\\ \end{array}$	$\begin{array}{c} 0 \\ 25,000 \\ 20,000 \\ 1,240,838 \\ 200,000 \\ 191,000 \\ 14,000 \\ 400,000 \\ 14,000 \\ 350,471 \\ 0 \\ 350,471 \\ 0 \\ 350,000 \\ 4,650,000 \\ 94,442 \\ 82,000 \\ \end{array}$	$\begin{array}{c} 1,800\\ 3,910\\ 6,000\\ 13,509\\ 3,500\\ 1,575\\ 3,500\\ 7,000\\ 1,575\\ 3,500\\ 1,575\\ 3,500\\ 1,575\\ 3,500\\ 1,500\\ 1,500\\ 9,005\\ 9,005\\ 9,060\\ 5,600\\ \end{array}$	700 900 63, 312 6, 000 11, 400 5, 300 7, 476 19, 250 8, 614 250, 000 11, 000 11, 000 5, 5, 000	0	0	0	1,000 1,400 1,000 45,992 3,000  1,200  0 2,000 2,000	$\begin{array}{c} 2,800\\ 3,910\\ 8,100\\ \hline \\ 5,000\\ 413,601\\ 12,500\\ 16,400\\ 6,875\\ 5,200\\ 25,900\\ 17,878\\ 20,750\\ 46,300\\ 51,541\\ 287,000\\ 22,005\\ 13,925\\ 12,600\\ \end{array}$	16,900 3,500 40,000 20,000 1,944 53,527 9,116 50,000 14,000 7,260 7,000	211 212 213 214 215 216 217 218 219 220 221 222 223 224 224 225 226 227 228 229
50,000	200,000	500,000	2,000	15,000	44,610	5,000		250	66, 860	250	230
$\begin{array}{c} 2, 667\\ 3, 915\\ 10, 000\\ 15, 485\\ 2, 000\\ 5, 000\\ 245, 000\\ 13, 000\\ 10, 000\\ 9, 500\end{array}$	111,800	3, 248 5,000 169,223 75,000 457,471 450,000 44,000	$\begin{array}{c} 9,517\\ 25,000\\ 8,742\\ 5,240\\ 2,614\\ 19,000\\ 11,200\\ 28,657\\ 4,890\end{array}$	157 0 9,412 3,800 1,000 55,000 13,000 2,131	0	0	40,000	559 0 1,093 25,386 20,368 5,000 14,799 2,112	25,000 19,247 9,040 29,000 416,618 29,200	7,063 4,681 8,242 15,000 1,000 144,000 7,550 5,261	233 234 235 236 237 238

		Annua pense college partm	s in de-	Ann living pens	gex-	nips.	ships.		Library.	
	Name.	Tuition fees.	Other fees.	Loweșt.	Moderate.	Number of fellowships.	Number of scholarships.	Vol- umes.	Pam- phlets.	Value.
	1	2	3	4	5	6	7	8	9	10
	NEVADA.									
241	Nevada State University				\$144			7,852	3,200	\$19,774
-	NEW HAMPSHIRE.									
$242 \\ 243$	Dartmouth College St. Anselm's College	\$100 50	\$25	\$175 	275 150	1	200	100, 000 5, 100	<b>20,000</b> 2,200	150,000
	NEW JERSEY.									
$\frac{244}{245}$	St. Peter's College	60 60	10		•••••	••••	8	15,000	500	5,000
$246 \\ 247 \\ 248$	St. Peter's College. St. Benedict's College. Rutgers College. Princeton University. Seton Hall College*.	75 150	24-54 14	175 a 380	152 300	0 13		$15,000 \\ 9,000 \\ 49,320 \\ 192,000 \\ 40,000$	5,000 55,000 2,000	49,000
	NEW MEXICO.									
249	University of New Mexico	(b)	7	180	225			5,000	2,000	4,000
	NEW YORK.									
$\begin{array}{c} 250\\ 251\\ 252\\ 253\\ 254\\ 255\\ 256\\ 257\\ 258\\ 259\\ 260\\ 261\\ 262\\ 263\\ 264\\ 265\\ 266\\ 267\\ 268\\ 267\\ 268\\ 269\\ 270\\ 271\\ 272 \end{array}$	Alfred University. St. Bonaventure's College. St. Stephen's College. Adelphi College. Polytechnic Institute of Brooklyn St. Francis College. St. John's College. St. Lawrence University. Homory College. Hamilton College. Homory College. Cornell University. College of St. Francis Xavier. College of the City of New York. College of the City of New York. St. John's College. New York University. Niagara University. University of Rochester. Union University. NORTH CAEOLINA.	$\begin{array}{c} 40\\ 60\\ 45\\ 180\\ 200\\ 60\\ 60\\ 50\\ 75\\ 80\\ 60\\ 100\\ 100\\ 100\\ 100\\ 100\\ 100\\ 100$	10 10 20 11  0 12	190 200 160 300 95 126	2000 1775 1800 2477 2200 1522 144 	0 0 0 0 0 0 0 0 0 0 3 3 0 0 5 5 0 0 0 0	$\begin{array}{c} 100\\ 0\\ 2\\ 7\\ 7\\ 7\\ 7\\ 30\\ 17\\ 7\\ 5\\ 60\\ 200\\ 17\\ 34\\ 0\\ 225\\ 11\\ 75\\ 46\\ 4\\ 4119\\ 75\\ \cdots\end{array}$	$\begin{array}{c} 17,568\\ 8,907\\ 18,350\\ 10,500\\ 11,000\\ 4,132\\ 7,000\\ 24,600\\ 44,015\\ 38,675\\ 38,675\\ 38,675\\ 311,887\\ 105,840\\ 37,221\\ 375,521\\ 10,898\\ 81,709\\ 36,900\\ 15,400\\ 66,038\end{array}$	1, 135 4, 500 300 10, 000 36, 000 14, 623 48, 000 3, 480 150, 000 3, 486  2, 000	22,500 30,000 9,000 9,000 9,855 5,000 77,000 75,000 75,000 621,482 75,000 800,000 18,766 117,634 80,000 30,000 38,500 112,984
273 274 275 276 277 278 279 280 281 282 283 284 283 284	St. Mary's College University of North Carolina Biddle University Davidson College. Trinity College. Guilford College. Lenoir College. Catawba College. Shaw University* Livingstone College. Wake Forest College. Wake Forest College. Weaverville College.	40 60 50 60 40 41 12 8 50 25	22 25 20 5  3 9 4 19 25 2	160 90 128 70 50 59 72 	$110 \\ 120 \\ 140 \\ 148 \\ 100 \\ 120 \\ 63 \\ 90 \\ 63 \\ 64 \\ 110 \\ 72$			$\begin{array}{c} 10,000\\ 43,000\\ 12,800\\ 16,000\\ 30,004\\ 2,500\\ 5,000\\ 2,600\\ 3,000\\ 2,300\\ 6,000\\ 17,000\\ 1,300\end{array}$	1,000 1,000	$\begin{array}{r} 12,000\\ 100,000\\ \hline 12,000\\ \hline 3,500\\ 10,000\\ \hline 5,000\\ 2,300\\ 15,000\\ 15,000\\ 15,000\\ 1,500\\ 1,500\end{array}$

\* Statistics of 1903-4.

a Including tuition.

colleges for men and for both sexes-Continued.

Value						Income					
tus, ma-	Value of grounds and build-	tive			State appropr	rigtions				Benefac- tions.	
chinery, and furni- ture.	ings.	funds.	Tuition and other fees.	From produc- tive funds.	Cur- rent ex- penses.	Build- ing or other special pur- poses.	Feder- al ap- propri- ations.	From other sources.	Total.		
11	12	13	14	15	16	17	18	19	20	21	
\$52,185	\$210,059	\$146, 893	\$1,800	\$6,032	\$25,000	\$24,675	\$40,000	\$698	\$98, 205	\$1,500	241
50,000	1,350,000 150,000	2,600,600	57,000	104,000	20,000				181,000	110,000	24 <b>2</b> 243
75,000 10,000	100,000 20,000 530,000 500,000	516,000 2,880,000	3,000 6,030 101,257 40,000	25,070 132,318 0	2,473 0 0		40,000 0 0	500 117 0 0	3, 500 73, 690 233, 575 40, 000	14,191 214,600 500	244 245 246 247 248
5,000	• 75,000										
48,000 14,300 6,500 78,968 1,203 1,000 154,000 14,000 40,000 40,000 941,792 22,300 	$\begin{array}{c} 99,000\\ 217,500\\ 255,000\\ 439,554\\ 498,554\\ 202,500\\ 620,000\\ 300,000\\ 151,000\\ 227,450\\ 240,000\\ 600,000\\ 227,450\\ 240,000\\ 600,000\\ 151,00\\ 227,450\\ 420,000\\ 600,000\\ 151,00\\ 227,450\\ 420,000\\ 600,000\\ 151,00\\ 600,000\\ 151,00\\ 600,000\\ 151,00\\ 600,000\\ 151,00\\ 600,000\\ 151,00\\ 600,000\\ 151,00\\ 600,000\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,135,500\\ 11,11$	$\begin{array}{c} 348,000\\ \hline 103,000\\ 75,750\\ 426,452\\ 0\\ 0\\ 0\\ 1,7,000\\ 488,343\\ 600,000\\ 440,476\\ 1,725,000\\ 7,678,246\\ \hline 1,725,000\\ 1,002,410\\ 28,930\\ 0\\ 833,302\\ 551,392\\ 2,207,275\end{array}$	$\begin{array}{c} 4,770\\ 10,000\\ 1,845\\ 116,205\\ 88,005\\ 21,088\\ 15,000\\ 3,4,000\\ 6,484\\ 15,000\\ 3,611\\ 21,232\\ 342,655\\ 332,655\\ 33,24,565\\ 0,00\\ 21,232\\ 342,655\\ 33,000\\ 21,232\\ 345,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,000\\ 21,485\\ 45,0$	$\begin{array}{c} 14,231\\ 5,150\\ 2,543\\ 5,938\\ 0\\ 0\\ 0\\ 1,100\\ 27,738\\ 30,000\\ 20,494\\ 55,064\\ 420,777\\ 0\\ 55,064\\ 420,777\\ 0\\ 5561,338\\ 63,940\\ 0\\ 35,155\\ 27,187\\ 63,940\\ \end{array}$	0 845 174 0 25,000 313,362 0 0 0 0 0 0 0 0 0			$\begin{array}{c} 6,218\\ \hline 18,855\\ 754\\ 1,551\\ 20,200\\ \hline 11,154\\ \hline 1,154\\ \hline 129,547\\ \hline 0\\ 129,547\\ \hline 0\\ 129,547\\ \hline 0\\ 12,158\\ 72,908\\ 176,516\\ 15,000\\ 19,262\\ 0\\ 52,102\\ \end{array}$	$\begin{array}{c} 25,319\\ 10,000\\ 25,850\\ 120,632\\ 95,554\\ 41,403\\ 15,000\\ 46,254\\ 87,456\\ 87,456\\ 87,456\\ 87,456\\ 87,456\\ 87,456\\ 33,300\\ 313,362\\ 1,141,844\\ 39,700\\ 313,362\\ 35,5152\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,932\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ 263,933\\ $	$\begin{array}{c} 8,365\\ 0\\ 2,060\\ 12,217\\ 315\\ 0\\ 70,000\\ \hline 6,250\\ 29,978\\ 245,871\\ 7,200\\ 0\\ 1,180,406\\ 0\\ 98,237\\ 5,014\\ 2,000\\ 66,693\\ \hline 122,623\\ \end{array}$	250 251 252 253 254 255 256 257 262 263 262 263 262 263 264 265 266 267 268 269 270 271 272
$\begin{array}{c c} 1,200\\ 75,000\\ 7,000\\ 25,000\\ 61,512\\ 8,000\\ 10,000\\ \hline \\ 500\\ 2,500\\ 400\\ 10,000\\ 1,500\\ \end{array}$			38,000 12,780 18,325 16,022 4,888 8,540 4,633 4,633 4,633 4,633 12,090 2,000	7,500 250 5,660 37,083 1,530 3,375 156 280 300 22,000		50,000		3,500 2,053 21,850 350 1,074 18,658 700		15,500 11,000 87,000 5,000 3,000 5,000 10,769 4,200	

b Free to residents; \$40 to nonresidents.

		Annua pense college partm	es in e de-	Ann living pens	g ex-	hips.	rships.		Library	
	Name.	Tuition fees.	Other fees.	Lowest.	Moderate.	Number of fellowships.	Number of scholarships	Vol- umes.	Pam- phlets.	Value.
	1	2	3	4	5	6	7	8	9	10
	NORTH DAKOTA.									
286 287 288	Fargo College. University of North Dakota Red River Valley University	\$32 0 36	\$2 0		\$200 250 200	0	0 0	6,000 15,000 600	4,000	\$5,000 25,000 1,200
1	OHIO.									
289 290 291 292	OHIO. Buchtel College	40 45 0 36	7 3 15	$     \begin{array}{r}       133 \\       115 \\       140 \\       160 \\     \end{array} $	160 145 175 180	0	25 0	7,000 8,970 19,000 8,000	$11,000 \\ 3,500 \\ 2,000$	6,000 10,500 40,000
$293 \\ 294 \\ 295$	Cedarville College	$     \begin{array}{r}       39 \\       22 \\       60     \end{array} $	4 10	110 	140     130		 3 0	3,940 1,000 27,600 100,000	200	3,000 800
295 296 297	University of Cincinnati	75-100 50	5-15 10	250	350	5 0	17	100,000	73,500	100,000 20,500
298 299	Western Reserve University Capital University	85 40		$     171 \\     150   $	209 175			12,300 50,000 5,000	$20,000 \\ 1,000$	20,500 50,000 20,000
$300 \\ 301$	Ohio State University St. Mary's Institute		18 10	$200 \\ 130$	$\frac{320}{150}$	15		58,522 6,000	8,500	185,000
302 303 304	Defiance College. Ohio Wesleyan University Findley College *	36 37		$     \begin{array}{r}       130 \\       125 \\       126     \end{array} $	$     \begin{array}{r}       160 \\       250 \\       200     \end{array} $	1		3,000 45,000 1,000	1,000	43,000
$     304 \\     305 \\     306   $	Kenyon College.	32 75 40	16 20	$120 \\ 125 \\ 110$	175 140			1,000 35,000 30,000	5,000	3,000 40,000 75,000
307 308	Hiram College Lima College *	48 40	$\begin{array}{c} 0\\ 2\end{array}$	$120 \\ 148$	$175 \\ 160$			10,000 1,000	500	10,000 1,000
309 310	Marietta College Franklin College	30 40	20 5	140	160		0	60,000	15,000	
$311 \\ 312 \\ 313$	Oberlin College	45 75 0	 15	$     \begin{array}{r}       150 \\       100 \\       150     \end{array} $	$     \begin{array}{r}       175 \\       125 \\       250     \end{array} $	0		$3,600 \\ 64,800 \\ 21,549$	58,400	3,750 125,000 50,000
$314 \\ 315$	Richmond College*	60 28	86 0	150 150 80	100			3,000 3,250	500 1,000	3,000
316 317	Scio College Wittenberg College	36 50	33	185	210	••••		12,000	2,000	20,000
318 319	Heidelberg University Otterbein University	26 42	25	150     125	200		····i	15,000 11,500	4,500	10,000
320 321 322	West Lafayette College Wilmington College	36 40 45	····· ···· 15	60 76 90			74	1,518 3,500 25,000 7,000	817 10,000	2,500 2,500 15,000
323	Antioch College	37		90	120			7,000	500	8,000
324	University of Oklahoma	0	0	150	225	0	0	7,000	5,000	15,000
325	OREGON.	50		150	200	0	0	2 650		800
326 327	Dallas College. University of Oregon.	35	15	$95 \\ 150$	132 200			2,650 1,800 16,000	1,000	2,000
328 329	Pacific University. McMinnville College	48 30	8 6	$\frac{115}{120}$	$     \begin{array}{c}       135 \\       175     \end{array}   $		9 33	12,700 4,400	1,100	$15,000 \\ 6,200$
330 331 332	Albany College. Dallas College. University of Oregon Pacific University. McMinnville College. Pacific College. Philomath College. Willamette University.	26	2	86	95		. <b></b> . . <b></b> .	1,000	1,000	1,250
002	PENNSYLVANIA.									
333	Western University of Pennsyl-	100	20	152	190	1	37	15,000	5,000	
334	vania.	75 50	10-25	120	205		$\frac{39}{20}$	$10,000 \\ 10,000$	2,000	5,000
335 <b>3</b> 36	Muhlenberg College. Lebanon Valley College * St. Vincent College * Statistics of 1903-	50 60			350		1	40,500 ition.		

628

.

colleges for men and for both sexes-Continued.

Value						Income	•				
of sci- entific appara- tus, ma	- and	rounds Produc- and tive build- funds. Tuition From Build- Fee				Benefac-					
chinery and furni- ture.	, build- ings.	funds.			Cur- rent ex- penses.		Feder- al ap- propri- [ations.	From other sources.	Total.	tions.	
. 11	12	13	14	15	16	17	18	19	20	21	
\$7,00 100,00 1,00	$egin{array}{ccc} 0 & \$100,000 \ 0 & 500,000 \ 0 & 55,000 \end{array}$	$\$150,000\ 479,339\ 49,000$	\$7,000 5,500	\$8,500 15,325 2,500	\$62,796	\$78,000	0	\$1,500	\$15,500 156,121 9,500	6,000	280 287 283
18,00 105,00 75,00 6,00 5,00	$\begin{array}{cccc} 0 & 168,000\\ 0 & 750,000\\ 0 & 250,000\\ 0 & 94,000 \end{array}$	77,000 144,960	5,855 16,049 8,470 11,000	$ \begin{array}{r} 11,038 \\ 5,800 \\ 5,564 \\ 4,500 \\ 2,200 \end{array} $	0 98,729	0	0	2,442	$\begin{array}{c} 16,893\\ 24,291\\ 112,763\\ 16,000\\ 16,585\\ 4,000 \end{array}$	500	29 29 29
$50 \\ 7,00 \\ 96,50 \\ 11,00 \\ 15,00 \\ 40,00 $	$\begin{array}{c} 0 & 23,000\\ 0 & 100,000\\ 0 & 565,000\\ 0 & 190,000\\ 0 & 100,000\\ 0 & 1,500,000 \end{array}$	40,000 1,445,788 75,000 1,600,000 695,838 0 45,000 944,426	56,711 9,000 4,500 60,000	2,200 0 48,963 90,000	0 66,305	0	0	0 10,000	171,979 19,000 13,500 160,000	21,000	29 29 29 29 29 29
$\begin{array}{c} 425,00\\ 12,00\\ 1,50\\ 31,30\\ 60\\ 30,00\\ 50,00\end{array}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	53,937 560,000 750,000	$\begin{array}{c} 43,034\\ 30,000\\ 4,000\\ 23,085\\ 5,039\\ 12,500\\ 34,000\end{array}$	2,500 40,282 2,584 21,746 28,000	293, 582	\$41,832 0	\$25,000	14,742 766	$\begin{array}{c} 477, 610\\ 31,000\\ 6,500\\ 83,109\\ 8,389\\ 34,246\\ 62,000\\ 18,022\end{array}$	2,000 40,713 12,500	30 30 30 30 30 30
8,00 2,00 5,00 2,50 50,00 12,00 50	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	175,000 262,647 0 42,000 1,634,400 20,060 77,000	9, 134 5, 662 3, 500 6, 323 128, 300 7, 387 1, 300	$\begin{array}{c} 8,888\\ 11,858\\ 0\\ 3,167\\ 53,691\\ 8,348\end{array}$	0 0 80, 213	0 0 29,649		$1,624 \\ 0 \\ 2,500 \\ 500 \\ 21,782$	18,022 $19,144$ $3,500$ $11,990$ $182,491$ $147,379$ $1,300$	13.621	30 30 30 31 31
$\begin{array}{r} 4,000\\ 12,000\\ 10,000\\ 4,000\\ 2,100\\ 5,000\\ \end{array}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c} 310,000\\ 250,000\\ 108,500\\ 40,000 \end{array} $	$ \begin{array}{c} 1,800\\ 12,000\\ 4,200\\ 0 & 4,200\\ 10,302\\ 1,450\\ 6,000\\ 30,485\\ 0 & 2,000 \end{array} $	$\begin{array}{c} 4,670\\ 14,000\\ 7,500\\ 5,132\\ 0\\ 2,000\\ 15,240\\ 0\\ 4,500\end{array}$				2,442 500 0 10,000 37,383 1,000 14,742 766 0,500 21,762 5,000 21,762 5,000 21,770 5,000 1,7700	$\begin{array}{r} 6,470\\ 28,000\\ 18,200\\ 15,434\\ 3,150\\ 8,000\\ 45,725\\ 6,500\end{array}$	90,000 40,000 27,695	31 31 31 32 32 32
60,00	0 250,000	)									32
1,00 2,50 15,00 9,50 5,00	00         40,000           00         12,000           00         175,000           00         95,000           00         40,000	$\begin{array}{c} 3,300 \\ 18,000 \\ 155,000 \\ 213,000 \\ 40,000 \end{array}$	$\begin{array}{c} 4,500\\ 2,000\\ 2,790\\ 6,211\\ 4,757\end{array}$	) 139 700 9,385 10,500 7 2,000	47,500	)	)	2,550 955	7,189 2,700 59,675 17.666 6,757	1,000 1,500 10,955 1,400 2,500	32 32 32 32 32 32 32
50	00 15,000	4,200	1,500	300	)			100	1,900	2,500	33
138,43									109,207	6,925	
1,00 7,50	$\begin{array}{c} 0 & 250,000 \\ 0 & 200,000 \\ 150,000 \end{array}$	0 170,000 0 75,000	) 3,967	7 10,067	7			4,420	18,45	42,509 110,000	33 33 33

TABLE 31.—Statistics of universities and

		Annua pense college partm	es in e de-	Anr livin pen	g ex-	aips.	ships.		Library	
	Name.	Tuition fees.	Other fees.	Lowest.	Moderate.	Number of fellowships.	Number of scholarships.	Vol- umes.	Pam- phlets.	Value.
	1	2	3	4	5	6	7	8	9	10
	PENNSYLVANIA—continued.									
$\begin{array}{c} 337\\ 338\\ 339\\ 340\\ 341\\ 342\\ 343\\ 344\\ 345\\ 346\\ 347\\ 343\\ 346\\ 347\\ 343\\ 350\\ 351\\ 355\\ 356\\ 355\\ 356\\ 355\\ 356\\ 356\\ 356$	Beaver College	$ \begin{array}{r} 45\\50\\6\\100\\30\\60\\150\\60\end{array} $	 0 7	200	$\begin{array}{c} 125\\ 275\\ 150\\ 255\\ 200\\ 95\\ 350\\ 142\\ 149\\ 125\end{array}$	0 0 3 3 0 0 3 3 0 0 0 2 2 2 2 0 0 0 0 0	18 198 62 61 55 50 30 30 30 3 3  5 5 100 66  0	$\begin{array}{c} 4,000\\ 7,500\\ 2,000\\ 18,000\\ 30,142\\ 26,000\\ 5,000\\ 44,000\\ 23,350\\ 37,000\\ 23,350\\ 6,000\\ 18,000\\ 17,000\\ 6,000\\ 13,500\\ 235,000\\ 3,500\\ 235,000\\ 3,500\\ 235,000\\ 235,000\\ 235,000\\ 2,179\\ 24,000\\ 123,000\\ 22,179\\ 24,000\\ 16,000\\ 8,000\\ 18,000\\ 8,000\\ 123,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,000\\ 10,$	3,200 10,000 5,000	32,000 9,000 477,720 4,000
<b>3</b> 66	Brown University	105	45	300	400	16	100	140,000	50,000	80,000
367 368 369 370 371 372 373 374 375	SOUTH CAROLINA. College of Charleston Presbyterian College of South Carolina. Allen University. South Carolina College. Erskine College. Furman University. Newberry College. Claffin University. Wotford College. SOUTH DAKOTA.	40 40 30 50 40 20 40	5 26 5 15	90 84 150 72 76 70 42 120	115     90     50	0	6  77 3  12	15,5642,00035,00015,0005,00010,0005,60015,000	2,000 100 700	15,000 1,500 100,000 10,000 5,000 12,000
376 377 378 379 380	Huron College Dakota Wesleyan University Redfield College. University of South Dakota Yankton College. TENNESSEE.	30 32 30 12 36		114 125 100 150	150 150 125 250 126	0	0 3 10	4,512	2,000 2,000	3,000 20,000 3,000 20,000 6,000
381 382 383	Grant University * King College Southwestern Presbyterian Uni-	30 50 50	 5 16	100 90	120 120		50 1 10	8,000 5,000 8,500	$1,000 \\ 2,000 \\ 0$	2,000 10,000
384 385 386 <b>387</b>	versity. Hiwassee College. Southwestern Baptist University. Carson and Newman College. Knoxville College.	$18-36 \\ 50 \\ 35 \\ 4$	$3 \\ 10 \\ 5$	60 150 58 60	$90 \\ 175$	0	 0 43	3,000 1,000 2,100	1,000 500 2,000	2,000 600 2,000

\*Statistics of 1903-4. a Including tuition. b Free to residents; \$100 to nonresidents.

-

colleges for men and for both sexes—Continued.

Value						Income.					
of sci- entific appara- tus, ma-	and	and tive state of city appropriations.				Benefac- tions.					
chinery, and furni- ture.	build- ings.	funds.	Tuition and other fees.	From produc- tive funds.	Cur- rent ex- penses.	ing or other special	Feder- al ap- propri- ations.	From other sources.	Total.	tions.	
11	12	13	14	15	16	17	18	19	20	21	
\$16,500 2,500 2,000	175,000	\$35,000 137,000 120,000	\$15,689 5,390 1,225	\$1,800 6,500 5,880			0	\$12,442	\$29,931 11,890 7,105	\$17,489 10,000 5,000	337 338 339
14,000 12,000 139,835 10,000	475,000 100,000 140,000 837,082 320,000	360,000 0 192,000 466,697 200,000 25,000	$60,000 \\13,139 \\44,392 \\16,000$	$     \begin{array}{r}       14,000 \\       7,469 \\       10,548 \\       10,000 \\     \end{array} $				774 1,863	74,000 21,382 56,803 26,000	\$17, 489 10, 000 5, 000 130, 000 4, 659 16, 368 1, 000 27, 126 24, 000 	340 341 342 343 344 344 344
20,000 80,000 4,500 50,000 5,000	116,000 385,000 300,000	$\begin{array}{c} 200,000\\ 25,000\\ 1,020,000\\ 70,111\\ 390,000\\ 700,000\\ 177,000\\ 430,000\\ 125,000\\ 140,000\\ 0\end{array}$	43,000 29,579 11,000	44,000 1,678 11,000				5,000	92,000 31,257 22,000	$12,000 \\ 27,126 \\ 24,000$	340 347 348 348 349 350
50,000 5,000 16,000 150,000	90,000 90,000 100,000	430,000 125,000 140,000	2,485 19,000 13,985	21,000	\$175,000		0	2,500 1,500 4,500	13,838 41,500 18,485	52,000	351 351 351 351 351
8,000 1,883,032 1,600 1,900 100,000	$\begin{array}{c} 1,031,000\\ 175,000\\ 5,537,082\\ 150,000\\ 128,759\\ 1,250,000\end{array}$	140,000 0 10,624 9,736,768 0 34,556 1,064,637 1,064,637	50,320 383,538 12,000 16,000 67,379	197,399 0 1,800 66,337	55,000 0	\$30,000	0	0	50,320 665,937 12,000 17,800 133,716	833,897 0 10,375 100,000 	35 35 35 35 35
60,000 50,000 15,000 1,000 25,000	$\begin{array}{c} 700,000\\ 350,000\\ 15,000\\ 572,732\end{array}$	915,000 252,818	19,804 25,000 1,400 19,690	31,020 33,000 11,819	52,000	13,402	\$40,000	48, 545 71, 000 200	1,600 1,509	100,000 169,110 500	36 36 36 36
5,000	2,500,000									458,760	
52,000 1,000	93,500 17,500	293,700	1,106 3,000		5,050			1,833		2,500 900	36 36
3,000 5,000 5,000 3,000	$\begin{array}{c} 50,000\\ 250,000\\ 70,000\\ 125,000\\ 90,000\end{array}$	100,000 104,000 35,000 82,753	1,820 7,367 3,200 3,674	8,000	32,250	7,500		7,651 3,893 4,276	9,471 47,117 11,200 14,400 9,206	40,000 1,815 10,000 1,625	36 37 37 37 37
10,000 6,000	200,000 200,000 187,200	82,753	7,000 14,742	6, 492				4,276	7,000 25,510	10,000 1,625	37 37 37
1,000 5,000 1,000 150,000 5,000	185,000     35,000     250,000	18,000 (c)	3.000	$\begin{array}{c} 4,000\\ 1,000\\ 7,500\\ 6,394\end{array}$	60,000	25,000	) 0		6,700 28,000 4,000 100,500 14,389	10,000 10,000	37
- 2,000 500 1,500	17,500	30,500 16,000 290,000	$ \begin{array}{c} 1,600\\ 2,000 \end{array} $					7,000		900	38. 38. 38.
500 2,000 10,000 2,000	$\begin{array}{c} 15,000\\ 100,000\\ 93,000\\ 125,000\end{array}$	75,000	$\begin{array}{c} 1,400\\ 7,000\\ 12,000\\ 1,000\end{array}$	2,500 3,600		C	C	200 0 6,000	1,600 9,500 15,600 7,000	400 80,000 36,000 14,000	38 38 38 38

¢ 86,000 acres of land.

TABLE 31.—Statistics of universities and

		Annua pense college partm	es in de-	Ann living pens	gex-	ips.	ships.		Libra	ry.
	Name.	Tuition fees.	Other fees.	Lowest.	Moderate.	Number of fellowships.	Number of scholarships.	Vol- umes.	Pam- phlets.	Valuė.
	1	2	3	4	5	6	7	8	9	10
$\begin{array}{c} 388\\ 389\\ 390\\ 391\\ 392\\ 393\\ 394\\ 395\\ 396\\ 397\\ 398\\ 399\\ 400\\ 401\\ 402 \end{array}$	TENNESSLE—Continued. University of Tennessee Cumberland University Bethel College. Maryville College. Christian Brothers College Milligan College Fisk University Roger Williams University Vanderbilt University Walden University University of the South. Burritt College. Tennessee Military Institute. Greeneville and Tuseulum College. Washington College		\$21 25 4  10 2 5 15–35 1 14 10 3 1	\$140 75 100 800 225 100 92 72 200 45 190 60 72 65	\$180 150 120 100 117 92 72 250 76 215 80 150 90 75	0 15 0 0	6  16 0 26 0 38	$\begin{array}{c} 25,000\\ 5,000\\ 1,000\\ 13,000\\ 7,500\\ 3,000\\ 8,000\\ 6,321\\ 15,000\\ 7,300\\ 24,880\\ 3,850\\ 2,000\\ 8,400\\ 3,000\end{array}$	4,000 1,500 1,600 23,886 2,000 500	\$13, 666 10, 000 1, 500 2, 000 10, 500 2, 000 10, 500 6, 000 30, 000 1, 700 1, 000 2, 600 2, 600 2, 060
$\begin{array}{c} 403\\ 404\\ 405\\ 406\\ 407\\ 408\\ 409\\ 410\\ 411\\ 412\\ 413\\ 414\\ 415\\ 416 \end{array}$	TEXAS. St. Edward's College * University of Texas. Howard Payne College. Fort Worth University. Polytechnic College. St. Mary's University. Southwestern University. Burleson College. Wiley University. Texas Christian University * Austin College. Baylor University. Paul Quinn College. Trinity University.	60 0 50 48 56 36 36 50 50 60 40 50	15 10 220  3 200 0 11  0 10	$\begin{array}{c} 150\\ 100\\ 125\\ 100\\ \hline \\ 125\\ 200\\ 250\\ 75\\ 175\\ \end{array}$	165 120 150 100 125 250 350	25	1  0 11	46,000 2,000 2,300 9,000 4,500 4,500 4,000 14,983 0 5,000	600 4,000 500 100 300 8,846 0	600 1,500 10,000 2,500 5,600
417 418	UTAH. Brigham Young College University of Utah VERMONT.	11	15-30	95 175	$143 \\ 200$		<u>2</u>	$4,500 \\ 23,500$		4,208 30,000
419	University of Vermont and State	60	33	250	350	0	60	70, 954	32,156	101,000
420 421	Agricultural College. Middlebury College. Norwich University	80 65	12	$140 \\ 150$	200 185		120	$28,000 \\ 10,000$		$   \begin{array}{r}     31,000 \\     15,000   \end{array} $
422 423 424 425 426 427 428 429 430 431 432	Ranuouph-Macon College Bridgewater College University of Virginia Enory and Henry College Hampden-Sidney College Hampden-Sidney College Washington and Lee University Richmond College Virginia Union University Roanoke College College of William and Mary	75 48 75 50 55 50 70 12 50 35	30 20 8 12	108 75 190 110 	$     \begin{array}{r}       120 \\       275 \\       140 \\       135 \\       225 \\       150 \\       160 \\       72 \\       150 \\     \end{array} $	····· ····· 1 0	$     \begin{array}{c}       1 \\       73 \\       5 \\       2 \\       26 \\       65     \end{array} $	$14,000 \\ 45,000 \\ 15,000 \\ 11,000 \\ 23,000$	2,000 3,000 2,000 15,000 2,500 1,000 10,000	10,000 $15,000$ $1,000$ $15,000$ $20,000$ $20,000$ $10,000$ $25,000$ $10,000$ $25,000$ $10,000$
<b>4</b> 33 434 435 436 437 438	WASHINGTON. Vashon College University of Washington Gonzaga College. University of Puget Sound * Whitworth College Whitman College.	80 0 50 45 54 50	0 12	175 100 252 198	227 275 200 250 260 243		1	$500 \\ 18,900 \\ 6,650 \\ 2,500 \\ 7,000 \\ 11,200$	10,000	$\begin{array}{c} 200 \\ 50,000 \\ 13,150 \\ 1,500 \\ 1,300 \\ 25,000 \end{array}$

\*Statistics of 1903-4.

colleges for men and for both sexes—Continued.

Value						Income					
of sci- entific appara- tus, ma-	and	Produc- tive			State appropr	or city riations.				Benefac-	
chinery, and furni- ture.	build- ings.	funds.	Tuition and other fees.	From produc- tive funds.	Cur- rent ex- penses.	Build- ing or other special pur- poses.	Feder- al ap- propri- ations.	From other sources.	Total.	tions.	
11	12	13	14	15	16	17	18	19	20	21	
\$118,852 800 10,000	\$493,331 250,000 20,000 112,000	\$425,000 150,000 207,364	\$13, 522 8,000 3,500 11, 935	\$24,210 6,000	0	0	\$40,000	\$9,599	\$87,331 14,000 3,500 27,271	\$8,800	38 38 39 39
5,000 100,000	95, 000 10, 500 350, 000 150, 000 800, 000	50,200 0 1,400,000	2,500 8,690 1,237 66,000	2, 382 0 68, 000	\$288 0	0	0	8,000 212	2,500 19,360 1,449 134,000	5,200 428	39 39 39 39 39
900 1,000 500 7,750	135,000399,2192,50065,00049,400	$\begin{array}{c} \$425,000\\ 150,000\\ \hline \\ 307,364\\ \hline \\ 50,200\\ 0\\ 1,400,000\\ 42,000\\ 152,275\\ 0\\ 2,158\\ 25,000\\ \end{array}$	$19,300 \\ 19,421 \\ 5,600 \\ 3,000 \\ 5,216$	2,000 10,378 0 72	0	0	0	16,000 70,009 0 93	37, 300 99, 799 5, 600 3, 000 5, 381	8,000 33,051 0 3,200	39 39 39 40 40
3,000 2,000 125,000											
2, 500 800 400	45,000 100,009 60,000		8, 500 18, 5 <mark>0</mark> 0			\$18,000		543	8, 500 37, 043	500	40 40 40 40
$500 \\ 10,000 \\ 50,000 \\ 25,000 \\ 150 \\ 5,000 \\ 5,000 \end{bmatrix}$	30,000 70,000 200,000 50,000 600,000 100,000 81,488	0 626,716	5,600 9,000 25,000 4,500 50,000 3,000	2,000 2,583				6,000 5,000 12,417 18,500	5,600 15,000 20,000 6,500 65,000 21,500 31,762	300 	4( 41 41 41 41 41 41 41 41 41
15,261 9 <b>0,0</b> 00	102, 475				54,000		2			960	
66,620	822,000	657,550	18,166	1				3,627			41
22, 500 27, 000	200,000 145,000	410,000 5,000	3,000 6,811	20,600 557	10,000	2,400 3,000			26,000 20,368	1,100 100,000	42 42
17,030300100,0002,500	$ \begin{array}{c}     45,000 \\     1,500,000 \end{array} $	$\begin{array}{c} 201,428 \\ 5,000 \\ 378,000 \\ 25,000 \end{array}$	9,585 7,000 68,000 9,201	17,191 150 22,000 3,472	40,000	31,000		3,000 941	26,776 7,150 164,090 13,614	$\begin{array}{c} 20,000\\ 7,000\\ 725,000\\ 675\\ 2,000\\ 51,000\\ 12,000\end{array}$	42 42 42 42
5,000 75,000 10,000 2,000 6,000	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	10,000	20,000	25,000				5, 500	21,000	43 43
3,00	0 150,000	1			) 25,000				52,000 18,500	0	43
50 100,00 12,20 2,50 27,35	$     \begin{array}{r}       690,000 \\       250,000 \\       35,000 \\       155,000     \end{array} $	) 30,000	2,280 35,000 4,500 7,500	19,615	300,000			28.500 1,800 43,734	302,280 35,000 33,000	15,000	43 43 43 43

TABLE 31.—Statistics of universities and

1

		Annua pense college partm	s in de-	Ann living pens	gex-	nips.	ships.	-	Librar	7.
	Name.	Tuition fees.	Other fees.	Lowest.	Moderate.	Number of fellowships.	Number of scholarships.	Vol- umes.	Pam- phlets.	Value.
	1	2	3	4	5	6	7	8	9	10
439 440 441 442	WEST VIRGINIA. Morris Harvey College Bethany College Davis and Elkins College West Virginia University	\$33 36 50 37	0 \$12 3 9		\$108 120 160 200		34	2,000 7,000 20,500		\$2,000 6,000 40,000
443 444 445 446 447 448 449 450 451 452	WISCONSIN. Lawrence University Beloit College Milton College Concordia College Marquette College Mission House Ripon College Northwestern University Carroll College	$egin{array}{c} 6 \\ 36 \\ (a) \\ 0 \\ 60 \\ 20 \\ 39 \\ 300 \\ 40 \end{array}$	34 20 22 6 0 10 10 5 3	116 200 90 68 114 150 75	300 150 133 100 250 100	29 0 0	14 10 0 5 0	33, 400	12, 500 30, 000 2, 000 400 1, 550	35,000 35,000 188,141 10,000 2,500 4,750 16,000 10,000 2,000
453	WYOMING. University of Wyoming	0	2	200	250	0	0	18, 523	10,000	27,857

a Free to residents; \$30-\$40 to nonresidents.

## UNIVERSITIES, COLLEGES, AND TECHNOLOGICAL SCHOOLS. 635

colleges for men and for both sexes-Continued.

Value of sci-						Income					
entific appara tus, m chiner and furni- ture.	e Value of grounds a- and y, build- ings.	Produc- tive funds.	Tuition and other fees.	From produc- tive funds.	appropi	or eity riations. Build- ing or other special pur- poses.	Feder- al ap- propri- ations.	From	Total.	Benefac- tions.	
11	12	13	14	15	16	17	18	19	20	21	
\$1,0 2,5 1,6 73,5	00 200,000 00 60,000	\$160,000	\$3,460 12,000 2,434 16,133	0 \$7,000 6,637	0 \$93,900	0 \$31,587	0 \$35,000	0 \$1,800 2,362 4,844	\$3,460 20,800 4,796 188,101	47,000 61,690	$440 \\ 441$
25,0 72,0 584,1 5,0 1,6 3,9 1,2	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{c} 907, 482 \\ 591, 623 \\ 108, 000 \\ 1, 500 \\ 4, 800 \\ 24, 000 \\ 212, 000 \end{array}$	13,010 121,327 3,000	48,803 6,000 75	378,000	127,500	40,000	17,300 3,381 81,387 0 14,000 13,492 7,000	797, Q17 9,000 75	$105,000\\13,984\\2,000\\1,250\\1,000\\15,500\\6,200\\25,000$	$\begin{array}{r} 444 \\ 445 \\ 446 \\ 447 \\ 448 \\ 449 \\ 450 \\ 451 \end{array}$
110,6	42 220,000	25, 515	700	4,408	14,370		40,000		59,478	400	453

TABLE 32.-Statistics of colleges for women, Division A.

1			Art.	21	40	1	9		5		-	-		45 3 3 171 87		6 0
		Students in-	.sizuM	20	95		10		75		ł			57 80 80 80		75 24 67
		tuder	Business. course.	19					:			-				0
		20	Pedagogy.	18			40		:					60 94 67		19 99
		ents	Greek.	17	6		10		9		12	18		46 64 105		$^{3}_{15}$ $^{46}_{123}$
	ts.	e stud in	.nite.I	16	20	ì	42	-	21		23	105		89 234 177		78 134 157 552
	Students.	College students in-	Liberal arts.	15	41		83		75		182	325		$\begin{array}{c} 360\\ 1,049\\ 671\\ 1,035 \end{array}$		139 148 366 976
		ber.	mun IstoT	14	214		83		143		390	325		${}^{416}_{1,067}_{674}_{1,050}$	•	139 229 366 985
			Graduate.	13		>			:					56 35 15		9
			Collegiate.	12	41		83		75		182	325		$1,049 \\ 671 \\ 1,035 \\ 1,035$		$     \begin{array}{c}       139 \\       148 \\       366 \\       976 \\       976 \\     \end{array} $
		.۸.	Preparator	taaj baaj	134				37		131	0		0000		0000
	ors.	al ber.	•n9moW	10	96	ì	18		19		25	14		8380 o		19 11 73
	Professors and instructors.	Total numper	Men.	6	10	,	7		ŝ		00	10		94 12 7 22 12 7 25		42 42 15
ľ	d inst		Women.	00	98		18		16		16	14		83 80 <b>0</b>		19 11 73
	rsan	Collegi- ate de- part- ment.	Men.		٢C	,	2		1		80	10		$^{94}_{12}$		47.45 15
	[csso]	1	.uomen.	٩	96	1	0		13		11	0		0000		0000
	Pro	Prepar- atory depart- mcnt.	.n9M	ъ¢	λ	)	0		i		0	0		0000		0000
		Year of first	open- ing.	4	1871		1900		1849		1887	1888		1879 1875 1837 1837		1868 1855 1889 1865
		Religious or nonsec- tarian		en	Nonseef.		R. C		Nonsect		Nonsect	M. E		Nonsect Nonsect Nonsect		Nonsect Presb Nonsect
		Name.		8	Mills College		Trinity College		Rockford College		H. Sophie Newcomb Memorial College.	Woman's College of Baltimore		Radcliffe College Smith College Mount Holyote College Wellesley College.		Wells College. Elmira College Barnard College. Vassar College.
		Loca tion.		1	CALIFORNIA. Mills College		2 Washington	ILLINOIS.	3 Rockford	LOUISIANA.	4 New Orleans	5 Baltimore	MASSACHUSETTS.	<ul> <li>6 Cambridge.</li> <li>7 Northampton.</li> <li>8 South Hadley.</li> <li>9 Wellesley.</li> </ul>	NEW YORK.	10 Aurora. 11 Elmira. 12 New York. 13 Poughkeepsie.
1																

EDUCATION REPORT, 1905.

636

	:	22	
		105	
	Ì		
	35	12	
	36	11	
	137	115	
	378	317	
	441	319	
	63	61	
	378	317	
	0	0	
	16	18	
	30 16	11 18	
	16	11 18	
	30	11	
	0	0	
	0	0	
	1885	1893	
	Nonsect	M. E. So	
	. Bryn Mawr College Nonsect 1885	. Randolph-Macon Woman's Col- M. E. So., 1893 0 lege.	
PENNSYLVANIA.	14 Bryn Mawr	vıraınıa. · Lynchburg	
	14	н Га Ер 1905-	

		Bene- fac- tions.	18		••••••			81 945				30,000		$^{117,500}_{18,225}$ $^{276,000}_{22,076}$	000	$ \begin{array}{c} 72,089\\ 1,923\\ 31,636\\ 160,120\end{array} $
		Total.	17			200 00¢	\$30,391	30 734	101600	54, 294		65,133		235,977 187,000 390,299	1	$\begin{array}{c} 74,147\\ 31,947\\ 85,412\\ 85,412\\ 446,735\end{array}$
	Income.	From other sources.	16					\$1.917	177670					36,186		$   \begin{array}{c}     160 \\     29,980   \end{array} $
	Inc	From produc- tive funds.	15	-				86 E72	600	28,907		29,433		89,372 19,000 34,824		11,773 3,500 28,365 64,246
	-	Tuition and other fees.	14			.00	\$30,391	71 044	ETC (TO	25, 387		35,700		$\begin{array}{c} 71,800\\ 1110,419\\ 168,000\\ 355,475\end{array}$		$\begin{array}{c} 62,214\\ 28,447\\ 57,047\\ 352,509\end{array}$
tinued.		Produc- tive funds.	13		\$250,000			106 911	100,011	732,881		* 350, 319		$1,261,444\\801,000\\806,176$		$\begin{array}{c} 263,931\\73,478\\667,678\\1,334,504\end{array}$
33Statistics of colleges for women, Division A-Continued		grounds and build- ings.	12		\$300,000			150 000	000 0001	275, 892		*678,000		1,081,286 869,000 1,559,325 1,559,325		257,230 116,650 1,690,000 2,080,305
Divisio	Value of	scien- tific ap- paratus and fur- niture.	11				\$20,000	95 000	000 677	47,380		*23,000		$\begin{array}{c} 9,000\\ 134,120\\ 40,000\\ 240,800 \end{array}$		$\begin{array}{c} 18,135\\ 40,896\\ 36,700\\ 36,700\\ 121,728\\ 121,728\\ \end{array}$
women,		.eulaV	10				\$25,000	15,000	10,000	15,000		*10,000		24,000 28,272 141,000		30,000 6,899 78,485
ges for	Library.	Pamphlets.	6				5,000					*2,000		$1,200 \\ 4,600 \\ 1,200$		400 200
of colle		.səmuloV	æ		7,000		10,000	0 200	000° (0	7,500		* 9,000		$20,000 \\ 9,079 \\ 30,000 \\ 57,720 \\ $		$ \begin{array}{c} 13,054\\ 6,380\\ 3,085\\ 56,000 \end{array} $
ics	.sqidstsfo	Number of sch	1		18		6	ų	C C	÷		-		$^{115}_{00}$		$^{25}_{7}$
tist	.sqidawo	Number of fell	3		0		0	c	>			01		0041		0 %
-Sto	Annual living ex-	Moderate.	10		:		\$350	100				275		$200 \\ 200 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 \\ 275 $		275 300 300
		.teswo.I	₹.		a\$500		300			225				300 175 275		
TABLE	l ex- s in de- ent.	-ces. 19d10	es													10 10
T	Annual cx- penses in college de- partment.	.299î noitinT	\$				\$100	ц Г	2	100		125		200 100 125		100 125 100
		Name.	1	CALIFORNIA.	Mills College	DISTRICT OF COLUMBIA.	Trinity College	TLLINOIS.	LOUISIANA.	H. Sophie Newcomb Memorial Col- lege	MARYLAND.	Woman's College of Baltimore	MASSACHUSETTS.	Radeliffe College Smith College. Mount Holyoke College. Wellesley College.	NEW YORK.	Wells College. Elmira College Barnard College Vassar College.
							21	c	0	4		ŝ		91~86		13 13 13

638

EDUCATION REPORT, 1905.

		UNIV	ERSITIES,	COLLEGES,	AND	TECHNOLOGICAL
	13,661	1,540				
	236,000	89,452				
	95,000	48,410				
	62,000	5,112				
	79,000	35,930				
	1,200,000	109,000	a Including tuition.			
	60,000 1,491,000	176, 318	a Includi			
	60,000	40,767				
	92,000	6, 517				
	8,000	500				
٠	45,000	4,500				
	73	12				
	14		4			
	325	160 .	1903			
	500		cs of			
	:	15 .	* Statistics of 1903-4			
	200	75	* Sti			
а. - С	PENNSYLVANIA.           14         Bryn Mawr College	vıraınıa. 15 Randolph-Macon Woman's College.				
	Ĥ	1	1			

## INIVERSITIES, COLLEGES, AND TECHNOLOGICAL SCHOOLS. 639

# EDUCATION REPORT, 1905.

1		ļ	.JTA	55		32 11 14 7	10	01	9	16		$15 \\ 16 \\ 16 \\ 16 \\ 10 \\ 35 \\ 27 \\ 27 \\ 27 \\ 27 \\ 27 \\ 27 \\ 27 \\ 2$
		Number in–	Music.	21		$^{169}_{33}$	9 <b>0</b> 8	02	2	94		198 198 160 110 60 340 340
		Nur	Pedagogy.	20		0 15 0	12	10	1	23		01146
		College students study ing	Greek.	19		0 0	იიი	c	>	14		co r 4
		College students study-* ing	.nita.I	18		54 150 13 39	60 57	Ş	3	66		250 90 99
		ad-	Other first de- grees.	17		38				-		39
		nts p ses le	B. S. degree.	16		<b>3</b> <b>3</b> <b>3</b> <b>3</b> <b>3</b> <b>3</b> <b>3</b> <b>3</b> <b>3</b> <b>3</b>			:	۵,		8800 8800
	ents.	College students pur- suing courses lead- ing to-	M. E. L. degree. B. L. degree.	15		75 20	24	06	2	2		110 110 119
1	Students	ollege st suing c ing to-	Ph. B. degree.	14			0		:			0
1	01	Coll	A. B. degree.	13		50     13     13	0	Q2	3	14		245 245 90 90 147
		.90	el ni bətsubsıÐ	12		892334	13 24	ų	<b>`</b>	9		22 23 23 23 23 23 23 23 23 23 23 23 23 2
			.19dmun latoT	11		$241 \\ 123 \\ 303 \\ 73 \\ 95 \\ 95 \\ 95 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 123 \\ 12$	$126 \\ 162$	120	DOT .	104		225 250 130 130 171 171 171 171 100 100
1			Graduate.	10		30	9	-	>			30 1 5
-			Collegiate.	6		$^{132}_{73}$ $^{73}_{73}$ $^{40}_{53}$	80     128	02	2	29		150 245 130 350 350 129 429 429
			Secondary.	80		109 18 13 13	20 20	00	3	31		<b>42</b> 33 32 42 55 75 50 42 50 50
			Elementary.	2		$\frac{32}{24}$	$14 \\ 14$	ç	3	9		25 25 25 25 25 25 25 25
	Profes-	sors and in- struct- ors.	•пэто W	9		15 26 9	10 8			27		20 20 20 20 20 20 20 20 20 20 20 20 20 2
	Pr		Men.	10		© H 4 00 01	ლ ლ			0		0242000620
		Year of	first open- ing.	4		$1898 \\ 1843 \\ 1839 \\ 1839 \\ 1836 \\ 1836 \\ 1903 \\ 1903 \\ 1903 \\ 1903 \\ 1903 \\ 1903 \\ 1903 \\ 1903 \\ 1903 \\ 1903 \\ 1903 \\ 1903 \\ 1903 \\ 1903 \\ 1903 \\ 1903 \\ 1903 \\ 1903 \\ 1903 \\ 1903 \\ 1903 \\ 1903 \\ 1903 \\ 1903 \\ 1903 \\ 1903 \\ 1903 \\ 1903 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ 1003 \\ $	$1860 \\ 1856$	6091	760T	1851		$\begin{array}{c} 1858\\ 1854\\ 1854\\ 1854\\ 1854\\ 1878\\ 1878\\ 1833\\ 1833\\ 1833\\ 1833\\ 1833\\ 1833\\ 1877\\ 1877\\ \end{array}$
		Religious or	nonsectarian control.	3		Nonsect M. E. So Bapt Presh	Nonsect M. E. So	t and		R. C	-	Nonsect Nonsect M.E. So Bapt. M.E. So Bapt. M.E. So
			Name.	2		ৰবনুষ্ঠৰ	Tuscaloosa Female College		Cellulal Daputor College	. College of Notre Dame.		Lucy Cobb Institute. Cox College. Andrew Female College Monore Female College. Brenau College. La Grange Female College. Southern Female College. Wesleyan Female College. Wesleyan Female College.
			Location.	I	ALABAMA.	Anniston Athens. Marion. Talladega.	Tuskegee		COLIWAY	9 San José	GEORGIA.	A thems. College Park. College Park. Cuthbert. B Forsyth. Gainesville. La Grange. Macon.
1							92	c	ø	6		811651413322110 817661413322110

TABLE 34.---Statistics of colleges for women, Division B.

UNIVERSITIES, COLLEGES, AND TECHNOLOGICAL SCHOOLS. 641

	40 26		. da	$21 \\ 6 \\ 6 \\ 22 \\ 20 \\ 20 \\ 0$		$^{26}_{10}$		61		$^{23}_{15}$		0 1		27 47 106
	$^{200}_{70}$			$135 \\ 135 \\ 105 \\ 50 \\ 50 \\ 50 \\ 60 \\ 60 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105 \\ 105$		40 46 64		12		90 90 90 90		$124 \\ 0$		212 129 253 20 51
	0000	:		0 0 0 0		0		9		2		0		206
	10 O			20 20 00 20 20 20 20 4		0		0		15 3 6		10		500 500
	60 40			42 60 60 60 60 60 60 60 60 60 60 60 60 60		$^{30}_{26}$		20		95 22 57		$^{24}_{0}$		200 128 15 23 23
	0			0 8				$^{24}$		0 11		0		0
	0	:		15 15		61 9				32		288		259 0
	0			15.00		Π				44 40		0		00
Warter Frederik	0			15 0 00						23		0		6.0
	60			60 230 30 50 50 20 30 50		14 26				$^{46}_{4}$		0		68 175 5
	$35 \\ 14$			$110^{-1}$		$^{10}_{9}$		23		$^{16}_{15}$		$\frac{20}{36}$		19 110 110 9
	$330 \\ 105$	180		$\begin{array}{c} 210\\ 180\\ 70\\ 125\\ 125\\ 300\\ 118\\ 300\\ 118\\ 118\\ 118\\ 118\\ 118\\ 118\\ 118\\ 1$		$133 \\ 67 \\ 150$		126		$^{270}_{85}$		172 454		486 201 754 67 72
	4			0 6 6 6 6		2		9		2 0		0		$^{4}_{0}$
	155 . 60			210 299 64 81 81 81 81		75 46 55		24		95 67 78 78		124 454		77 234 32 63
	41			12 12 12 12 12 12 12 12 12 12		32 50		83		40 32 40 32 32 40		$^{11}_{0}$		78 496 10
	15 1 0			2228428 E		24		2		30 1 0 4		0		10.02
	$^{22}_{14}$	17		68 111 12 0 0 14 13 0 0 14 13 0 0 0 14 13 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		00 00 00	-	9		20 114 7		92.53 93.53		28 14 3 9 9
	01			H40H00000		01-01		4		8460		8 27		4000-
	$1847 \\ 1868$	1861		$\begin{array}{c} 1889\\ 1860\\ 1860\\ 1854\\ 1854\\ 1854\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\ 1856\\$		$\frac{1852}{1856}$ $\frac{1855}{1855}$		1834		1873 1893 1851 1851 1853		$1851 \\ 1902$		$\begin{array}{c} 1873 \\ 1859 \\ 1885 \\ 1884 \\ 1884 \\ 1884 \\ 1894 \end{array}$
	M. E. P. E	P. E.		Nonsect Presb. Nonsect Bapt Presb. M. B. So. Nonsect M. B. So.		Presb. Bapt. M. E. So.		Univ		R. C. Reformed Nonsect		Nonsect		Nonsect M. E. So State Presb Nonsect
	Illinois Woman's College St. Mary's School	College of the Sisters of Bethany		Potter College Caldwell College Beatumont College Bethel Female College Sayre Female Institute Millersburg Female Institute Overshore Female Institute Overshore Female College Logan Female College		Silliman Collegiate Institute * Louisiana Female College		Westbrook Seminary *		Notre Dame of Maryland.		Lasell Seminary.		<ul> <li>Blue Mountain Female College.</li> <li>Whitworth Female College.</li> <li>Whitworth State College.</li> <li>Industrial Institute and College.</li> <li>Central Mississippi Institute.</li> <li>Belhaven College for Young Ladies.</li> </ul>
ILLINOIS.	Jacksonville	KANSAS. Topeka.	KENTUCKY.	Bowling Green Danville Harrodsburg Harrodsburg Hopkinsville Losington Millersburg Nieholasville Owensboro Russellville	LOUISIANA.	Clinton. Keatchie Mansfield	MAINE.	Woodfords	MARYLAND.	Baltimore Frederick Hagerstown	MASSACHUSETTS.	Auburndale Boston.	MISSISSIPPI.	Blue Mountain Brookhaven Columbus French Camp
	$\frac{19}{20}$	21		$30^{+}_{-2}$		$\frac{31}{32}$		34		35 36 38 38		39 40		42 45 45 45 45 45 45 45 45 45 45 45 45 45

\* Statistics of 1903-4.

-					'		
	ł	.trA	22	8 17 6	$\begin{array}{c} 22 \\ 22 \\ 23 \\ 23 \\ 23 \\ 23 \\ 23 \\ 24 \\ 25 \\ 23 \\ 25 \\ 23 \\ 20 \\ 20 \\ 20 \\ 20 \\ 20 \\ 20 \\ 20$	23 23	$^{16}_{20}$
	Number in—	Musie.	21	28 20 400 28 20 400	$\begin{array}{c} 100\\ 105\\ 50\\ 105\\ 105\\ 105\\ 105\\ 105\\ $	0.83	110 35 92 40
	nur	Pedagogy.	20	40 11	0 0 0 00	26	0
	ege ents	Greek.	19	16	800880000	0	1000
	College students study- ing-	.nits.I	18	$^{100}_{2100}$	2500330 889 89	108 40	961 <b>64</b>
	our- ad-	Other first de- grees.	11	0		00	0
	nts p es le	B. S. degree.	16	25	10	00	0
ents.	College students pur- suing courses lead- ing to-	M. E. L. degree. B. L. degree.	15	50 50 50	1 20 <sup>1</sup> 13	00	0
Students.	ollege st suing c ing to-	Ph. B. degree.	1	0.02	0 0	00	0
02	Coll st in	A. B. degree.	13	40 28 28	1 2 44	12	21 21 41
	.50	et ni bətsubarə	20	117 14 16	$^{22}_{22}^{21}$	38 6	1525
		.rsdmnn IstoT	11	$^{+133}_{-12}$	$\begin{array}{c} 160\\178\\150\\156\\158\\158\\271\\271\\100\end{array}$	565 154	171 113 148 101
		Graduate.	10	0	0.0 m	00	
		.918ig9lloD	6	350 66 34 66	<sup>52</sup> 88238233	108 12	$^{151}_{42}$
ł.		Secondary.	80	50 36 13	161128 $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$ $1280$	418 98	$\begin{smallmatrix}&10\\59\\8\\15\end{smallmatrix}$
		Elementary.	F	$^{47}_{88}$	$\begin{smallmatrix} 11\\9\\27\\27\end{smallmatrix}$	39 44	9 12
Profes- sors and in- struct- ors.		.n9moW	9	1522	1021130130 1211310 1211310 12113 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 12131 121	20	17 33 9
Pro	sors and in- struct- ors.	.nsM	10	0 13	000400004	r0 4	00000
	Year of	first open- ing.	4	$\begin{array}{c} 1903\\ 1894\\ 1852\\ 1843\\ 1843\end{array}$	$\begin{array}{c} 1856\\ 1844\\ 1844\\ 1872\\ 1869\\ 1855\\ 1890\\ 1873\\ 1884\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\ 1830\\$	$1854 \\ 1898$	1897 187) 1870 1846
	Religious or	nonsectarian control.	63	Nonsect Nonsect Presb. M. E. So	Bapt Presb M. E. So M. E. So Bapt Bapt Nonsect Presb	Nonsect	Nonsect Luth M. F. So
		Name.	62	Meridian Female College	Stephens College       M         Howard-Payne College       M         Synodical Fernale College       M         Synodical Fernale College       M         Lexington College for Young Women       M         Liberty Ladies College       N         Marin College for Young Women       N         Liberty Ladies College for Young Women       N         Liberty Ladies College for Young Women       N         Liberty Ladies College for Young Ladies       N         Lindenwood College for Young Ladies       N	Packer Collegiate Institute.	Charlotte Elizabeth College. Dallas Gaston College. Greensboro Greensboro Female College. Hickory.
		Location.	1	46 Meridian 47 Natchez 48 Pontotec	MISSOURI. MISSOURI. Columbia Fayette 22 Fulton. 23 Loxington. 24 Liberty. 26 Mexico. 27 Nevada. 28 St. Charles.	<ul> <li>Brooklyn</li> <li>New Rochelle</li> <li>New Rochelle</li> <li>NORTH CAROLINA.</li> </ul>	61 Charlotte 62 Dallas 63 Greensboro 64 Hickory
				বাধাৰাৰ	ດີເດີດເດີດເດີດເດີດ	10 0	0000

EDUCATION REPORT, 1905.

# UNIVERSITIES, COLLEGES, AND TECHNOLOGICAL SCHOOLS. 643

15 12	or or 52 53	13 <sup>8</sup> <sup>33</sup>	17 61	21 23 39 31 31 31 31	40	36.0	51 51 01 01 00
60 76 75 327	50 45 27	40 50 86	140 56	$^{113}_{70}$ $^{103}_{70}$ $^{112}_{99}$ $^{203}_{32}$	88 00	$^{70}_{200}$	353 50 50
0	004	00		14 20 30 30 30 12 12		0 % 0	0 0
0	1 3 8 14 3	20 0 0	14	° 000 0	20	0 00	70
36 62 60 172	9 45 11	44 76 40	$180 \\ 180$	$\begin{array}{c} 65\\ 50\\ 56\\ 94\\ 107\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25\\ 25$	64 50	40 63 100	125 10 25 25
		0		30			
	Ŷ	0	24	56 0	28	~~~~	60 25 10
	25	00	24	0 47 0		20 128	75 15 10
35	0	10 0		0 00		123	
20 20 172 172	$^{3}_{67}$	30 00	31	65 50 73 28 60 60 25 25	92	24	40
9 11 60	$\begin{array}{c} 14\\17\\6\end{array}$	9 13 29	15	$ \begin{array}{c}     119 \\     28 \\     33 \\     33 \\     33 \\     33 \\     33 \\     33 \\     32 \\     4 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     5 \\     $	11 11	45 26 45 27 4	21523
$     \begin{array}{c}       143 \\       117 \\       120 \\       350 \\       373 \\     \end{array} $	$103 \\ 195 \\ 157$	66 100 120 354	251	$\begin{array}{c} 220\\ 179\\ 126\\ 98\\ 260\\ 178\\ 311\\ 48\end{array}$	222 169	$103 \\ 252 \\ 252 \\ 126 \\ 400 $	$^{416}_{50}$
	0	0		5002 0	0	1000	
83 70 73 172 172	54 120 67	44 40 177	31	$\begin{array}{c} 158 \\ 149 \\ 126 \\ 65 \\ 154 \\ 283 \\ 283 \\ 25 \end{array}$	170	201 201 175	175     40     30     30
$\begin{array}{c} 30 \\ 15 \\ 50 \\ 50 \\ 100 \\ 100 \end{array}$	26 75 31	12 80 78	155	30 30 116 117 117 117 117 117	22	20 30 22	200 14 20
31	0	10		$\begin{array}{c} 32\\ 32\\ 0\\ 18\\ 0\\ 12\\ 12\\ \end{array}$	30	22 24 24	21
$^{12}_{25}$	$\frac{18}{23}$	$\frac{7}{15}$	20	1100000000000000000000000000000000000	15	$\frac{12}{24}$	15 12 12
	co co	- 10 01 C	1-4	10 00 10 00 00 4 00	100	0-1000-10	00010101
$\begin{array}{c} 1857\\ 1848\\ 1848\\ 1850\\ 1899\\ 1899\\ 1802 \end{array}$	$\frac{1849}{1855}$	1867 1749 1851 1870	1856	$\begin{array}{c} 1890\\ 1859\\ 1859\\ 1859\\ 1894\\ 1854\\ 1872\\ 1881\\ 1881 \end{array}$	1870	1837 1837 1843 1852 1889 1889 1865	$\frac{1845}{1867}$ $\frac{1867}{1852}$ $\frac{1852}{1894}$
M. E. So. Bapt Bapt Bapt Bapt Moravian	Nonsect Presb Nonsect	Reformed Moravian Presh	Luth Presb	M. F. So A. R. Presb. Nonsect Bapt M. E. So Presb	M. E. So	Nonsect M. E. So Nonsect Nonsect	Bapt Christian M. E. So M. E. So
Iouitsburg Female CollegeChowan Baptist Female Institute*Oxford Female Seminary.Baptist Female UniversityBaptist Female Academy and College	Oxford College Western College	Allentown College for Women Moravian Seminaty and College for Women. Wissaylle College		College for Women. Collarge for Women. Columbia Female College. Due West Female College. Greenville Female College. Landrer College. Converse College. Converse College.	Stullins College		Baylor Female College. Carthor Oollege. Canappell 1111 Female College. San Antonio Female College*.
Louisburg Murfreesboro O xford Raleigh Salem	Oxford Dxford Painesville	PENNSYLVANIA. Allentown Bethlehem		Columbia. Di Weest. Greenville. Greenville. Greenvod. Greenburg. Union.		Gallatin Jackson Murfreesloro Nashville	TEXAS. Texas. Belton Chappell Hill
65 66 68 69 69	70 71 72	73 75 75	77 78	$\begin{array}{c} 79\\ 82\\ 82\\ 82\\ 82\\ 82\\ 82\\ 82\\ 82\\ 82\\ 82$	200	82 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	94 95 97

\*Statistics of 1903-4.

## EDUCATION REPORT, 1905.

1	- u	.tt.	22		125 125 125 6. 135 135 135	20	
	Number in	Music.	1		$\begin{array}{c}132\\53\\140\\120\\185\\60\\60\\54\end{array}$	25	
		Pedagogy.	20		25	53	
	College students study- ing-	G reek.	19		0 0	-	
	College students study- ing-	.nits.I	18		25 60 255 60 25 60 90 00	23	
		Other first de- grees.	11		10		
	uts p es le	B. S. degree.	16		e 6		
mts.	College students pur- suing courses lead- ing to	M. E. L. or B. L. degree.	13		21 25		
Students.	ollege stu suing co ing to-	Ph. B. degree.	14				
ŝ	Coll su in	A. B. degree.	13		1 30		
	•02°	31 ni bətsubs <b>1</b> 9	12		84 4 4 33 8 13 8 4 4 4 33 8 13 8 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	9	
		Total number.	11		$186 \\ 95 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\$	383	
		.91subs10	10		1 2 5		
		Collegiate.	6		$ \begin{array}{c}             82             100             100         $	88	
		Secondary.	00		10 20 10 20 10 20 20 20 20 20 20 20 20 20 20 20 20 20	231	
		Elementary.	10		19 12 15 15 15		
Profes-	sors and in- struct- ors.	.пэто W	9		$^{41}$	30	
Pro	sors in stru o	.nsM	10		4 2424044	67	
	Year of	first open- ing.	4		$\begin{array}{c} 1860\\ 1869\\ 1869\\ 1884\\ 1856\\ 1860\\ 1874\\ 1874\\ 1874\\ 1874\\ 1874\\ 1874\\ 1874\end{array}$	1895	
	Religious of	nonsectarian control.	e		M. F. So. Presb. Bapt. Bapt. Bapt. Bapt. Nonsect. Nonsect. P. E.	Nonsect	
		Name.	2	Ŧ	Martha Washington College* Stonewall Jaekson Institute. Virginia Institute. Rawings Institute. Rawinge of Danville. Romoke College of Danville. Hollins Institute. Marion Female College . Southern Female College * Southern Female College *	Milwaukee-Downer College	
		Location.	I	VIRGINIA.	Abingdon. ado Bristol Charlottesville. Charlottesville. Danville. Itolina. Maina. Petersburg. Winehester.	wisconsin. Milwaukee	
-					$100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 \\ 100 $	107	

TABLE 34.-Statistics of colleges for women, Division B-Continued.

	Jacne- fac- tions,	16	$\frac{$1,500}{2,000}$	0		•			$\begin{array}{c} 0 \\ 800 \\ 69, 064 \\ 1, 400 \end{array}$	7,500	
	Total.	15	$\frac{$7,500}{76,000}$	$\begin{array}{c} 5,000\\ 10,000\\ 23,000\end{array}$	11 500	000 (++	42,000		$\begin{array}{c} 7,967\\ 50,611\\ 25,000\\ 11,000\end{array}$	81, 510 36, 450	
	From other sources.	14	\$46,000	14, 500	0	>			967 5,150	12,400 24,850	
Income.	State or mu- nicipal appro- pria- tions.	13	0		C	>	0		0	0	
	From pro- ductive funds.	12	0	\$500	-	>	0		0	1,545 3,000	
	Tuition and - other fees.	11	\$7,500 30,000	$ \begin{array}{c} 5,000\\ 10,000\\ 8,000 \end{array} $	11 500	000 (77	42,000		$\begin{array}{c} 7,000\\ 50,611\\ 25,000\\ 5,100\end{array}$	$\begin{array}{c} 67,565\\ 8,600 \end{array}$	g tuition.
Ą	funds.	10	0	\$12,000	0	>	0		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	32,000 $40,000$	a Including tuition
Value of	grounds and build- ings.	Ð	200,000 50,000 150,000 150,000	20,000 25,000 100,000	55 000 55	600	240,000		$\begin{array}{c} 40,000\\ 55,000\\ 150,000\\ 125,000\\ 125,000\\ 185,000\\ \end{array}$	60,000 300,000 150,000	ø
Value of scientific	appara- tus and furni- ture.	80	\$100 2,000	1, 500		_	15, 570		15,000 1,500 1,500	2,500	
Library.	Value.	2	\$1,500 \$1,600	$ \begin{array}{c} 1,000\\ 5,000 \end{array} $	1 500		12,200		3,000 5,000 2,500 2,000	1,500	
Libr	Vol- umes.	\$	2,000 5,000 5,000	5,000	2 000		7,700		$\begin{array}{c} 3,2,000\\ 3,3,000\\ 3,3,000\\ 3,3,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,000\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ 3,2,00\\ $	3,000 3,700	
Annual living xpenses.	.этягэроМ	vo	\$135 135 142	$170 \\ 140 \\ 150$		•			$108 \\ 110 \\ 175$	$140 \\ 150 \\ 150 \\ 150 \\ 150 \\ 150 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 \\ 120 $	
Annual living expenses.	.jsowol	4	\$108 90	$115 \\ 100$	197	01	a350		$\begin{array}{c} 200\\150\\90\\150\\150\end{array}$	$120 \\ 140 \\ 150$	-4.
Annual expenses in college de- partment.	Other fees.	33	\$10 2 15	20			30		3	10	*Statistics of 1903-4.
Am exper colleg parti	.2991 noitinT	62	\$54 40 60	2222	ξÛ	3			$\begin{array}{c} 60\\ 54\\ 36-45\\ 60\\ 60\\ 54\end{array}$	6 2 9 8 9	tistics
	Name.	1	ALABAMA. Anniston College for Young Ladies Athens Female College	Alabarna Synodical College for Women Tuscaloosa Female College Alabama Conference Female College	ARKANSAS. Control Rontist Collora	CALIFORNIA.	College of Notre Dame	GEORGIA.		Southern Female College. Wesleyan Female College. Shorter College.	*Star

UNIVERSITIES, COLLEGES, AND TECHNOLOGICAL SCHOOLS.

0 400400400040001

6

TABLD 35.-Statstics of colleges for women, Division B.

645

pane
ontiı
Q
$B^{-}$
ion
vis
i
P
nen,
ü
õ
2
ő.
5
1es
_S
110
਼ੁੱ
of
ics.
sti
ti
la
ş
35.
ABLE
TAI

	lene- fac- tions.	16	\$18, C00 1, 000		3,000 5,000		
	Total.	15	\$40,000 60,100		24,000 12,000 7,000 8,000 10,000 8,000	$9,196\\10,000$	7,500
å	From other sources.	14	\$22, 000 0		0 1,000	591	1,000
Income.	State or mu- nicipal appro- pria- tions.	13	0	:	0		\$500
	From pro- ductive funds.	12	\$100		0		1,500
	Tuition and other fees.	11	\$18,000 60,000		24,000 72,000 7,000 8,000 9,000 8,000	$^{8,605}_{10,000}$	4,500
,	funds.	10	\$3, 500	40,000	0 0	26,000 0	70,000
Value of	grounds and build- ings.	9	\$175,000	350,000	80,000 1550,000 1550,000 1550,000 1550,000 30,000 30,000 30,000	50,000 30,000 60,000	150,000
Value of scientific	appara- tus and furni- ture.	8	\$1,000 3,500	1,500	3,000 3,000 1,000 1,000 800	200 250	1, 000
Library.	Value.	2	\$1,000 3,000		5,000 2,000 2,000 2,000 600	3,000 8,000 8,000	2,000
Libr	Vol- umes.	9	1,000 2,500	2,000	5,0004,0003,000 $3,0001,500$	1,200 8,000	3,000
Annual living expenses.	Moderate.	2	\$225		200 175 175 160 150 120 120	150 275 125	155
Anr liv expe	.teswo.I	堡	a\$500	290	200 200 150 160 200 170	125 200	135
Annual expenses in college de- partment.	Other fees.	69	10		ວະ ວະ	10 <sup>6</sup> 2	0
Ani exper colleg parti	.299î noitinT	\$	\$50	69	20000000000000000000000000000000000000	50 50	45
	Name.	Ι	ı Tilinois Woman's ( St. Mary's School.	College of the Sisters of Bethany	KENTUCKY. Potter College. Caddwell College. Beaumont College. Bethel Female College. Sayre Female College. Millersburg Female College. Millersburg Female College. Overaboro Female College. Desamine Female College. Logan Female College.	LOUTSTANA. Silliman Collegiato Institute *. Louisiana Pemale Collego. Mansfield Female College.	MAINE. Westbrook Seminary*
			$^{19}_{20}$	21	333283725324	31 32 33	34

646

EDUCATION REPORT, 1905.

UNIVERSITIES, COLLEGES, AND TECHNOLOGICAL SCHOOLS. 647

	5,200			1,200 500 1,500 1,180		$\begin{array}{c} 1,200\\ 2,000\\ \end{array}$	2, 526	1,000 31,000 33,000 3,000
	$ \begin{array}{c} 90,000\\ 25,175\\ 15,000\end{array} $		123, 402	$\begin{array}{c} 23,000\\ 108,010\\ 3,500\\ 6,070\\ 6,000\\ 6,000\end{array}$		$\begin{array}{c} 20,420\\ 22,000\\ 11,000\\ 15,000\\ 28,000\\ 25,000\\ 225,000\\ 21,350\end{array}$	75, 519 58, 564	$\begin{array}{c} 24,160\\ 1,780\\ 5,000\\ 5,000\\ 7,000\\ 10,500\\ 10,500\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,920\\ 60,$
	50,000		640	18,000 2,000 3,500		0 14,000	1,361 25,679	2,160 3,000 3,000
_	0			81,000 0		0 0 0	1, 396 44	640 0 0 0
	$\begin{smallmatrix}&&0\\1,175\\0\end{smallmatrix}$		86, 549	9, 360 0		$\begin{array}{c} 0 \\ 0 \\ 0 \\ 1,350 \end{array}$	2, 497 3, 473	300 300 1,500 tion.
	$\begin{array}{c} 40,000\\ 24,000\\ 15,000\end{array}$		36, 213	$\begin{array}{c} 4,950\\ 17,650\\ 1,500\\ 6,070\\ 1,500\\ 2,250\\ 2,500\end{array}$		$\begin{array}{c} 111,000\\ 8,000\\ 15,000\\ 28,000\\ 25,000\\ 25,000\\ 20,000\end{array}$	70,265 29,368	22,000 5,000 7,000 7,000 7,000 50,200 10,300 10,300 40,000 40,000 11,11111111111111111111
	$30,000 \\ 0$	1,000	1,996,000	$156,000 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$		$\begin{array}{c} 20,000\\ 12,000\\ 33,000\\ 70,000\\ 70,000\\ 25,000\end{array}$	48, 750 35, 000	5,000 5,000 0 20,000 20,000 a Incl
	$\begin{array}{c} 800,000\\ 80,000\\ 50,000\\ 75,000\end{array}$	150,000	785,000	$^{*}60,000$ $^{90}000$ $^{400}000$ $^{55}000$ $^{23}000$ $^{75}000$ $^{30}000$ $^{30}000$ $^{30}000$		$\begin{array}{c} 125,000\\ 60,000\\ 40,000\\ 75,000\\ 35,000\\ 60,000\\ 75,000\\ 75,000\\ 75,000\\ 75,000\end{array}$	222, 047 485, 000	$\begin{array}{c} 250,000\\ 100,000\\ 25,000\\ 25,000\\ 25,000\\ 288,000\\ 288,000\\ 200,000\\ 200,000\\ 200,000\\ \end{array}$
	$ \begin{array}{c} 6,000 \\ 1,000 \\ 500 \end{array} $	2,000	18,000	*500 500 500 1,000 1,000		$\begin{array}{c} 1,650\\ 1,650\\ 500\\ 500\\ 700\\ 700\\ 700\\ 500\end{array}$	9,950 1,900	1,000 100 500 8,300 2,000
-	5,000 1,000	5,000	3, 164	*1, 800 2, 500 7, 500 7, 500 1, 000 1, 000 285 285 285 285 285 285 285 285 285 285		$\begin{array}{c} 1,000\\ 2,000\\ 1,200\\ 1,000\\ 2,500\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,000\\ 2,$	11,852 1,500	2,000 1,350 1,000 1,600 4,000
	$^{10,000}_{1,000}$	2,140	5,000	2,000 1,500 5,000 3,000 3,000 1,000 3,000		$\begin{array}{c} 1,500\\ 2,000\\ 5,000\\ 1,500\\ 1,100\\ 1,000\\ 2,000\\ 2,000\\ \end{array}$	8, 791 2, 120	$\begin{array}{c} 1,300\\ 1,300\\ 1,500\\ 1,500\\ 1,500\\ 1,500\\ 0,000\\ 6,000\\ 6,000\\ \end{array}$
	300 190	450	275	144 128 100 100 150 162 162 162		$\begin{array}{c} 215\\ 160\\ 180\\ 200\\ 200\\ 150\\ 150\\ 220\\ 220\\ \end{array}$	500	$\begin{array}{c} 200\\ 75\\ 75\\ 100\\ 90\\ 90\\ 100\\ 100\\ 100\\ 250\\ 250\\ \end{array}$
	200 a 400 225		225	45 75 86 100 162 100 100 90		200 205 160 160 150	400	200 60 148 168 660
-	20 10	0		6 10 33 8 8 8		0 10 10 10	25	20-50 30 -0.0 10 - -0.0 10 - -0.0 10 - -0.0 3 - -0.0 3 - -0 10 - -0 - -0 10 - -0 - -0 - -0 - -
	100 60 75	150	100	00000000000000000000000000000000000000		01 4 6 6 6 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9 9	$\left\{\begin{array}{c} 160 \\ 170 \\ 125 \end{array}\right.$	20-50 70 70 25-60 53 53 53 53 53 53
MARYLAND.	Notre Dame of Maryland Notre Dame of Maryland Woman's College Kee Mar College Maryland College for Women.	MASSACRUSETTS. Lasell Seminary	Simmons College	MISSIFPI. Blue Monntain Female College. Whitworth Female College. Industrial Institute and College. Central Mississippi Institute. Belhaven College for Young Ladies. Meridian Female College. Stanton College for Young Ladies * Chickasaw Female College.	MISSOURI.	<ul> <li>Stephens College.</li> <li>Houvard-Payne College.</li> <li>Hondual Fennale College.</li> <li>Central Fennale College.</li> <li>Central Fennale College.</li> <li>Liberty Ladies College for Young Vomen.</li> <li>Liberty Ladies College for Young Ladies</li> <li>Cottey College for Young Ladies</li> <li>Lindenwood College for Women.</li> </ul>	NEW YORK. Packer Collegiate Institute.	NORTH CAROLINA. Filizabeth College Gaston College (Terensboro Fermale College Chremont Fermale College Chremont Fermale College Louising Fermale College Louising Fermale College Chremont Fermale College Chremont Fermale College (The State Sta
	35 36 37 38	39	40	44444444		58 51 58 57 50 50 50 50 50 50 50 50 50 50 50 50 50	59 60	222222228

n
ġ
.1
5
8
-0
Ų
P
3
0
·2
· ~
Divisa
Š
Ч
~
2
3
2
5
2
ຈ
2
.0
5
\$
$e^{-2}$
_0
11
2
8
.~
5
0
s of colleges for women,
ics
5
S
12
a
5
$\mathcal{Q}$
10
ABLE 35.
E
F
m
×.
-
<b>C</b> -1

		Bene- fac- tions.	16	\$12,716 65,038	<b>0</b> 2,000 4,000	50,000 52,500	00 0
		Total.	15	\$25, 396 52, 000 33, 697	8, 946 17, 500 30, 000 38, 000	21,000 20,000 55,531	20,000 - 13,000 - 6,000 - 25,000 - 72,500
		From other sources.	14		\$4,000	$12,000 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 11,400 \\ 1$	6,000 0 0 30,000
	Income.	State or mu- nicipal appro- pria- tions.	13			0 00	6,000 0 0 0 0
		From pro- ductive funds.	12	$^{\$2,000}_{1,897}$		0 0 1 280 0 280	00
.pənı		Tuition and other fees.	11	\$25,396 50,000 31,800	8, 946 34, 000	$\begin{array}{c} 9,000\\ 2,000\\ 7,950\\ 54,751\end{array}$	$\begin{array}{c} 20,000\\7,000\\6,000\\25,000\end{array}$
TABLE 35.—Statistics of colleges for women, Division B—Continued		Pro- ductive funds.	10	\$46, 500 53, 000	12, 000 0 0	0 13,000	00 0
	Value of	grounds and build- ings.	6	250,000 257,500	$\begin{array}{c} 50,000\\ 100,000\\ 90,000\\ 400,000\\ 400,000\\ \end{array}$	$\begin{array}{c} 70,000\\ 150,000\\ 10,000\\ 10,000\\ 52,000\\ 265,000\\ 265,000\\ 12,000\\ \end{array}$	$175,000 \\ 15,000 \\ 25,000 \\ 50,000 \\ 15,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 \\ 100,000 $
	Value of scientific	and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second	œ	\$25,000 60,000	25,000 9,000	$\begin{smallmatrix} 800\\150\\150\\1,000\\1,000\end{smallmatrix}$	$\begin{array}{c} 1,500\\ 1,500\\ 2,000\\ 2500\\ 100\end{array}$
	ary.	Value.	2	\$25,000 14,000	500 1,000 10,000	$\begin{array}{c} 2,000\\ 1,000\\ 5,000\\ 2,000\\ \end{array}$	$\begin{array}{c} 1,000\\ 1,000\\ 3,250\\ 1,500\\ 3,000 \end{array}$
colleges	Library.	Vol- umes.	6	3,000 12,407 8,000	$\begin{array}{c} 1,100\\ 5,000\\ 7,000\\ 6,000\\ 6,000\end{array}$	$\begin{array}{c} 1,000\\ 1,000\\ 1,000\\ 3,200\\ 3,200\\ 1,000\\ \end{array}$	1,000 6,843 500 1,500 3,000
cs of	nal ng 1868.	Moderate.	5	\$230 a 300 200	275 235 235 200 275	1120 1120 1120 1120 1120 1120 1120 120	225 200 250 250 250 250
atisti	Annual living expenses.	Lowest.	4		$a^{230}$ a 400 210	135 110 120 119 80	125 100 175 200
S.—St	Annual penses in dilege de- artment.	Other fees.	3	\$	0 0 0	15 0 7 7	10 2 0 0 0
LE 35	Annual expenses in college de- partment.	.zssî noitinT	5	\$50	42 40 50 125	$\begin{array}{c} 75 \\ 40 \\ 45 \\ 60 \\ 60 \\ 45 \\ 60 \\ 40 \\ 40 \\ 40 \\ 40 \\ 40 \\ 40 \\ 40$	40 40-50 50-60 80 100
TAB		State.	1	OHIO. Oxford College. Western College Lake Erie College and Seminary.	Allentown College for Women Moravian Seminary and College for Women. Blairwille College. Wilson College Wrilson College Pennsylvania College for Women.	College for Women College for Women Columbia Female College. Greenville College. Greenville College for Women Greenville Female College. Converse College. Converse College. Converse College. Converse College.	TENNESSER. Sullins College Tennessee Famale College Howard Female College Mem phis Conference Female Institute Boscoble College * Boscoble College * Boscoble College *
	L			71 72 72	73 75 76 77 78	888888888888888888888888888888888888888	87 89 91 92 93 93 93 93

648

EDUCATION REPORT, 1905.

	150	12,684	
$\begin{array}{c} 39,000\\ 7,624\\ 6,000\\ 25,000\end{array}$	24,000 15,000 15,000 10,250 8,000 8,000	107,871	
1,000	250	6,000	
		10,466	n.
39,000 6,624 6,000 25,000	24,000 15,000 10,000 13,000 13,000 8,000	91,405	a Including tuition.
0000	10,000	175,031	a Includ
$\begin{array}{c} 150,000\\ 30,000\\ 20,000\\ 80,000\end{array}$	$\begin{array}{c} 40,000\\ 150,000\\ 150,000\\ 150,000\\ 125,000\\ 125,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,000\\ 122,00$	304, 432	
350 500 800	300 500 1,000	3,144	
5,000	2,500 3,500 3,500 3,500		
6,000	$\begin{array}{c} 2,200\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,000\\ 1,$	6,044	
225 126 150	$\begin{array}{c} 150 \\ 140 \\ 250 \\ 150 \\ 110 \\ 167 \\ 167 \end{array}$	230	
125	125 125 126 110	200	
10 57 88	00°0%		1903-4.
60 65 5 60 65 5	<b>6666665686</b> 5	100	cies of
TEXAS. TEXAS. Baylor Female College. Carlon College. Carlon College. San Antonio Female College*	Martha Washington College* Stonewal Jaskon Instituto Virginia Institute. Rawlings Institute. Rawlings Institute. Ramoke College of Danville. Marion Female College . Bouthern Female College* Bouthern Female College* Bouthern Female Institute.	Milwaukee-Downer College	* Statistics of 1903-4
94 95 97	938 101 102 102 102 102 100 100 100 100 100	107	

.

#### TABLE 36.—Statistics of

	Location.	Name.	Control.	Year of first open- ing.
	1	2	3	4
$\begin{array}{c}1\\1\\2\\3\\4\\5\\6\\7\\8\\9\\10\\11\\12\\13\\14\\15\\16\\17\\18\\19\\20\\21\\22\\23\\24\\25\end{array}$	A uburn, Ala         Fort Collins, Colo.         Golden, Colo.         Storrs, Conn.         Atlanta, Ga.         Chicago, Ill.         Lafayette, Ind.         Terre Haute, Ind.         Amnes, Iowa.         Manhattan, Kans.         Anmapolis, Md.         College Park, Md.         Amherst, Mass.         Boston, Mass.         Worcester, Mass.         Agricultural College, Mich.         Houghton, Mich.         Bozeman, Mont.         Butte, Mont.         Durham, N. H.         Hoboken, N. J.         Mesilla Park, N. Mex.	Alabama Polytechnic Institute	State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State State	1872 1874 1874 1881 1883 1893 1893 1893 1863 1845 1859 1865 1865 1865 1866 1857 1886 1857 1880 1871 1891 1893
26	Potsdam, N. Y.	Clarkson School of Technology		1896
$\frac{27}{28}$	Potsdam, N. Y. Troy, N. Y. West Point, N. Y.	Rensselaer Polytechnic Institute United States Military Academy	Nation	$1824 \\ 1802$
29	Greensboro, N. C	Agricultural and Mechanical College for the Colored Race.	State	1894
30	West Raleigh, N. C	North Carolina College of Agriculture and Me- chanic Arts.	State	
$31 \\ 32 \\ 33 \\ 34 \\ 35$	Agricultural College, N. Dak Cleveland, Ohio. Stillwater, Okla. Corvallis, Oreg. Kingston, R. I.	North Dakota Agricultural College Case School of Applied Science Oklahoma Agricultural and Mechanical College. Oregon State Agricultural College Rhode Island College of Agriculture and Me- chanic Arts.	State Territory State State	$     1881 \\     1891 \\     1870   $
$36 \\ 37 \\ 38 \\ 39 \\ 40 \\ 41 \\ 42 \\ 43 \\ 44$	Charleston, S. C. Clemson College, S. C. Brookings, S. Dak. Rapid City, S. Dak. College Station, Tex. Logan, Utah. Blacksburg, Va. Lexington, Va. Pullman, Wash.	Clamic Artis. South Carolina Military Academy. Clemson Agricultural College. South Dakota Agricultural College. State School of Mines. Agricultural and Mechanical College of Texas. Agricultural College of Utah. Virginis Agricultural and Mechanical College and Polytechnic Institute. Virginia Military Institute. State College of Washington.	State State State	1893 1884 1886 1876 1890 1872 1839

\* Statistics of 1903-4.

#### schools of technology.

P	rofess	ors an	d inst	ructor	s.				C b	Studer	its.					
Prep tory parti	de-	Colle dep me	art-	To num	tal ber.	Prep to:	oara- ry.	Colleg	giate.	Resid		uate. Noni der		To1 num		
Mea.	Wo- men.	Men.	Wo- men.	Men.	Wo- men.	Men.	Wo- men.	Men.	Wo- men.	Men.	Wo- men.	Men.	Wo- men.	Men.	Wo- men.	
5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
$\begin{array}{c}2\\11\\0\\0\end{array}$	0 3 0 0	$37 \\ 32 \\ 18 \\ 20 \\ 40$	0 $4$ $0$ $4$ $0$	39 39 18 20 40	0 6 0 4 0	$\begin{array}{c} 63\\ 160\\ 0\\ 0\\ 0\end{array}$	$     \begin{array}{c}       0 \\       37 \\       0 \\       0     \end{array} $	$370 \\ 133 \\ 300 \\ 101 \\ 511$	$     \begin{array}{r}       14 \\       46 \\       0 \\       22 \\       0     \end{array} $	$\begin{array}{c}13\\2\\0\\0\end{array}$	0 2 0 0	0 0 0 0	0 0 0 0	$501 \\ 410 \\ 300 \\ 101 \\ 511$	$     \begin{array}{c}       14 \\       86 \\       0 \\       22 \\       0     \end{array} $	1 2 3 4 5 6 7 8
15 0 0	4 0 0		$ \begin{array}{c} 0 \\ 5 \\ 0 \\ 26 \\ 15 \end{array} $	$ \begin{array}{c}     40 \\     60 \\     103 \\     20 \\     79 \\     49 \end{array} $		293 0 0 258 376	$     \begin{array}{c}       0 \\       0 \\       33 \\       124     \end{array} $	594 1,355 216 758 472	$ \begin{array}{c} 0 \\ 42 \\ 0 \\ 125 \\ 254 \end{array} $		$     \begin{array}{c}       0 \\       6 \\       0 \\       0 \\       16     \end{array} $	0 7 0 0 0	0 0 0 0 0	$     \begin{array}{r}       311 \\       1, 419 \\       1, 467 \\       217 \\       1, 774 \\       992     \end{array} $		6 7 8 9
0 2 0 0 0 0		$     \begin{array}{r}       40 \\       115 \\       22 \\       28 \\       186 \\       37 \\       60 \\       25 \\       26 \\     \end{array} $	$ \begin{array}{c} 10 \\ 0 \\ 0 \\ 2 \\ 0 \\ 15 \\ 0 \\ 0 \end{array} $	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c} 13 \\ 0 \\ 0 \\ 2 \\ 0 \\ 15 \\ 0 \\ 0 \end{array} $	$ \begin{array}{c} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 151 \\ 0 \\ 295 \end{array} $	$ \begin{array}{c} 12x \\ 0 \\ 0 \\ 0 \\ 0 \\ 27 \\ 0 \\ 0 \end{array} $	$\begin{array}{c} 823\\ 172\\ 179\\ 1,500\\ 317\\ 491\\ 226\\ 386\end{array}$	$ \begin{array}{c} 0 \\ 0 \\ 5 \\ 29 \\ 0 \\ 175 \\ 0 \\ 1 \end{array} $	10 5 7 32 8 3 0 9	$ \begin{array}{c} 10 \\ 0 \\ 1 \\ 0 \\ 5 \\ 0 \\ 0 \end{array} $			823 237 229 1,532 325 802 226 728	$     \begin{array}{c}       10 \\       0 \\       10 \\       29 \\       0 \\       207 \\       0 \\       3     \end{array} $	111 122 133 144 155 166 177 188
- 10 9	3 6	6 20	0 8	16 21	3 10	460 43	.70 .20	71 100	S 53	04	000	0	0	531 191	78 148	9 20
9	0	9 20	0.0	9 20	0	4 0	0	52 152	0 7	0	0	0	0	61 152	07	21 22
. 0 1	0 3	26 20	06	$26 \\ 21$	0 9	0 88	0 38	384 39	0 6	0 1	02	000	00	384 158	0 79	28 24
4	0	$     \begin{array}{c}       10 \\       7 \\       24 \\       82 \\       10     \end{array} $	0 2 0 0 0	$     \begin{array}{c}       14 \\       9 \\       24 \\       82 \\       10     \end{array} $	0 2 0 0 0	63 0 0	0 0 0	40 53 387 447 135	0 2 0 0 0	6 0 0 0 0	0 0 0 0 0	0 0 0 0 0	0 0 0 0 0	$     \begin{array}{r}       109 \\       64 \\       387 \\       447 \\       135     \end{array} $	$     \begin{array}{c}       0 \\       16 \\       0 \\       0 \\       0 \\       0     \end{array} $	25 26 27 28 29
0	0	36	0	36	0	0	0	466	0	6	0	0	0	472	0	SC
23 0 7	4 0 4	23 35 25 28 18	2 0 4 5 7	29 35 25 28 19	4 0 4 5 7	151 0 60 58	96 0 15 14	48 420 125 370 45	$     \begin{array}{r}       31 \\       0 \\       58 \\       116 \\       13     \end{array} $	5 2 0 4 0	0 0 0 7 0	0 0 0 0 0	0 0 0 0 0	572 422 409 476 116	$     \begin{array}{r}       149 \\       0 \\       146 \\       204 \\       31     \end{array} $	31 32 33 34 35
0 2 2 6 0	0 0 1 1 0 0	9 42 27 9 44 43 57	$ \begin{array}{c} 0 \\ 0 \\ 5 \\ 0 \\ - 0 \\ 15 \\ 0 \end{array} $	$9 \\ 44 \\ 29 \\ 10 \\ 44 \\ 43 \\ 57$	$     \begin{array}{c}       0 \\       0 \\       6 \\       1 \\       0 \\       15 \\       0     \end{array} $	$     \begin{array}{c}       0 \\       145 \\       150 \\       39 \\       0 \\       31 \\       0     \end{array} $	$     \begin{array}{c}       0 \\       0 \\       34 \\       29 \\       0 \\       6 \\       0     \end{array} $	$     \begin{array}{r}       149 \\       528 \\       110 \\       47 \\       382 \\       106 \\       668 \\     \end{array} $	0 0 54 0 37 0	$ \begin{array}{c} 0 \\ 0 \\ 6 \\ 0 \\ 1 \\ 2 \\ 21 \end{array} $	0 0 3 0 0 0 0	0 0 0 0 0 0 0 2	0 0 0 0 0 0 0 0	149 673 382 86 414 530 731	$     \begin{array}{c}       0 \\       0 \\       106 \\       29 \\       0 \\       186 \\       0     \end{array} $	36 31 38 39 40 41 42
0 12	05	22 36	0 2	22 48	07	0 256	0 121	286 216	0 57	0	02	00	0	286 610	0 183	4

TABLE 37.—Statistics of schools

			Colle	ege stu	dents	in—-	
	Name.	Liberal arts.	Agricultur <mark>e.</mark>	Mechanical engi- neering.	Civil engineering.	Electrical engi- neering.	Chemical engi- neering.
	1	2	3	4	5	6	7
$\frac{1}{2}$	Alabama Polytechnic Institute. Colorado Agricultural College. State School of Mines (Colorado).		25 18	68 14	35 34	78 17	36
4 5 6 7 8	Connecticut Agricultural College	106	82 	$     \begin{array}{r}       4 \\       160 \\       122 \\       378 \\       49     \end{array} $	$     \begin{array}{r}       4 \\       70 \\       122 \\       358 \\       63     \end{array} $	$160 \\ 216 \\ 429 \\ 86$	$ \begin{array}{c} 16\\ 53\\14 \end{array} $
9 10 11 12	Iowa College of Agriculture and Mechanic Arts. Kansas State Agricultural College. United States Naval Academy Maryland Agricultural College.	$\begin{array}{r} 54\\120\end{array}$	168 162 20	98 50 66	199 	176 151 0	
13 14 15 16	Massachusetts Agricultural College	0 2	184  152	158 49 285	140 35	98 78	32 22
17 18 19 20	Michigan College of Mines. Mississippi Agricultural and Mechanical College. Alcorn Agricultural and Mechanical College. Montana College of Agriculture and Mechanic Arts	 38	$\begin{array}{c} 147\\79\\21\end{array}$	70 	13 13	70 15	· · · · · · · ·
21 22 23 24 25	Montana State School of Mines. New Hampshire College of Agriculture and Mechanic Arts Stevens Institute of Technology New [Mexico College of Agriculture and Mechanic Arts New Mexico School of Mines*	9	42 	8 384 18		17	9
26 27 28	Clarkson School of Technology. Rensselaer Polytechnic Institute. United States Military Academy.			4	9 352	$\begin{array}{c} 17\\12\end{array}$	11
29 30 31 32	Agricultural and Mechanical College for the Colored Race North Carolina College of Agriculture and Mechanic Arts North Dakota Agricultural College. Case School of Applied Science	25	$     45 \\     58 \\     16   $	$\begin{array}{c} 66\\ 23\\ 143\end{array}$	84 72	59 103	28 46
33 34 35 36	Oklahoma Agricultural and Mechanical College Oregon State Agricultural College. Rhode Island College of Agriculture and Mechanic Arts South Carolina Military Academy.	10	$ \begin{array}{c} 19\\ 67\\ 1\\ \end{array} $	a 32 125 1	4	$\begin{array}{c} 21 \\ 6 \end{array}$	·····
37 38 39	Clemson Agricultural College South Dakota Agricultural College		189 10	a 112 18	$ \begin{array}{c} 50\\ 2 \end{array} $	35	0
40 41 42	State School of Mines (South Dakota). Agricultural and Mechanical College of Texas. Agricultural College of Utah. Virginia Agricultural and Mechanical College and Polytech-	21 54	$\begin{array}{r} 98\\14\\58\end{array}$	$     \begin{array}{r}       76 \\       36 \\       157     \end{array} $	129 179	71 206	0
43 44	nic Institute. Virginia Military Institute. State College of Washington		 21	26	<u>-</u> 38	23	0

\* Statistics of 1903–4. *a* Includes electrical engineering students.

#### of technology--Continued.

~

		Colle	ge stu	lents i	n—			Students in-								
ineer-	ineer-	Ineer-	.e.	engi-	econ-			Peda	gogy.	Busi cou		11.				
Mining engineer- ing.	General engineer- ing.	Textile engineer- ing.	Architecture.	Sanitary er neering.	Household econ- omy.	Commerce.	Latin.	Men.	Women.	Men.	Women.	Military drill.	Music.	Art.		
8	9	10	11	12	13	14	15	16	17	18	19	20	21	22		
17			5		5		110				19	$477 \\ 295$				
300		70			13		7	1	2	3	2	81				
24			4 		68 232							637	15 250			
0	0	0	0	0	0	0	15	0	0	0	0	320 823 150 163	250	0		
77			41	22	112			· · · · · · · · · · · · · · · · · · ·				316 600				
226	·····	22					10 4	48 0	0 6	167 	0	668 135				
52					31				0 	 	27	135	56 	90		
40					5 			2	1	15	15	125	31	0		
· · · · · · · · · · · · · · · · · · ·					• • • • • • •					22 0	0	447 30				
4 		14	0	0	0 10 	0	0 5 65	0 2	0 11	0 41 		472 265	0 72	0 31		
45					83	82						$476 \\ 90 \\ 149$	113	30		
$\begin{array}{c}1\\0\\47\end{array}$		23	0	0	7		25	12	9	24 17	9 14	668 107	53	7		
0	0	9 0	0	 0	$13 \\ 0$	18 0	5 31	0 0	$\begin{array}{c} 4\\ 0\end{array}$	102 0	22 0	$     414 \\     268 \\     708   $	8 0	178 0		
21	3	0	0	0	4		4			.56	13	$\frac{286}{375}$	106			

ed 1905-vol 1-45

í,

.

TABLE 38.—Statistics of schools

	Name	pe in leg pa	nual ex- nses col- e de- art- ent.	livi ez		lowships.	scholarships.		Library	7.
		Tuition fees.	Other fees.	Lowest.	Moderate.	Number of fellowships.	Number of sc	Vol- umes.	Pam- phlets.	Value.
	l	2	3	4	5	6	7	8	9	10
$\begin{array}{c}1\\2\\3\\4\\5\\6\\7\\8\\9\\10\\11\\12\\13\\14\\15\\16\\17\\18\\19\\20\end{array}$	Alabama Polytechnic Institute.         Colorado Agricultural College.         State School of Mines (Colorado).         Connecticut Agricultural College.         Georgia School of Technology.         Armour Institute of Technology.         Purdue University.         Rose Polytechnic Institute.         Iowa College of Agricultural College.         United States Naval Academy.         Maryland Agricultural College.         Massachusetts Agricultural College.         Massachusetts Agricultural College.         Massachusetts Agricultural College.         Michigan Agricultural College.         Michigan Agricultural College.         Michigan Agricultural College.         Michigan College of Mines.         Mississippi Agricultural and Mechanical College.         Michigan College of Mines.         Mississippi Agricultural and Mechanical College.         Montana College of Agriculture and Mechanical College.         Alcorn Agricultural and Mechanical College.         Montana College of Agriculture and Mechanical College.	(f) (f) 24 (g) 250 160 (h) (j)	3 73-123 60 27-35 20 0 0 15  0  (i) 10	$140 \\ 125 \\ 270 \\ 160 \\ 125 \\ 125 \\ 100 \\ \\ 162 \\ \\ 200 \\ \\ 450 \\ 76 \\ \\ 150 \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\ \\ 150 \\$	180 225 175 150 360 250 200 150 200 150 200 150 190  500 90 		0 10 5 0 27 3 70 27 3 70 		6,500 1,000 1,000 2,200 3,500 500 4,000 19,558 5,000 4,429 4,500 13,427 8,000	$\begin{array}{c} 3,500\\ 30,800\\ 20,000\\ 22,000\\ 55,000\\ 48535\\ 100,000\\ 6,000\\ 25,973\\ 140,727\\ 20,000\\ \hline \\ 45,267\\ 16,697\\ 3,500\\ \end{array}$
21 22 23	Montana State School of Mines New Hampshire College of Agriculture and Me- chanic Arts. Stevens Institute of Technology	60 ( <i>l</i> )	10 15	100		····		2,295 11,708 10.000	$1,129 \\ 6,620$	14,000 18,000
24 25 26 27 28 29	New Mexico College of Agriculture and Mechanic Arts. New Mexico School of Mines* Clarkson School of Technology Rensselaer Polytechnic Institute United States Military Academy Agricultural and Mechanical College for the	5 (m) 100	2	150 200 176 250	200 300 204	2 1 0		$ \begin{array}{r} 10,000\\ 12,000\\ 2,033\\ 7,166\\ 40,000\\ 1,123 \end{array} $	4,250	$15,750 \\ 10,000 \\ 4,191 \\ 13,226 \\ 163,000 \\ 1,531 \\ 1,531 \\ 10,000 \\ 1,531 \\ 10,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000 \\ 1,000$
30 31	Colored Race. North Carolina College of Agriculture and Me- chanic Arts. North Dakota Agricultural College	20 0	13 8	$150 \\ 130$	200		120 1	4,494 9,000	2,000 875	7,156 18,202
32 33 34 35	Case School of Applied Science			$168 \\ 125 \\ 114$	180 175 124	2	16 	5,000 10,149 8,000 12,550	20,000 10,000 5,000	10,000 20,998
$36 \\ 37 \\ 38 \\ 39 \\ 40 \\ 41 \\ 42$	South Carolina Military Academy. Clemson Agricultural College. South Dakota Agricultural College. State School of Mines (South Dakota). Agricultural and Mechanical College of Texas. Agricultural College of Utah. Virginia Agricultural and Mechanical College.	$     \begin{array}{c}       40 \\       2 \\       12 \\       0 \\       50 \\     \end{array} $	13 2 5 33		185 - 300 135 175	0 	74 124 0  0 400	$\begin{array}{c} 7,000\\ 11,380\\ 9,000\\ 1,888\\ 5,000\\ 13,500\\ 6,000 \end{array}$	6,225 10,850 1,000 6,000 13,000 2,500	$7,000 \\ 16,057 \\ 5,500 \\ 2,975 \\ 15,242 \\ 10,962 \\ 4,927$
43 44	and Polyteehnic Institute. Virginia Military Institute. State College of Washington	75 ( <i>r</i> )		$200 \\ 150$	200 175	00	4 36	$13,089 \\ 10,200$	6,683 2,800	32,722 22,500

\* Statistics of 1903-4.

\* Statistics of 1903-4.
a Free to residents.
b Free to residents; \$100 to nonresidents.
c \$20 to residents; \$10 to nonresidents.
d Free to residents; \$25 to nonresidents.
e Free to residents; \$24 to nonresidents.
g Free to citizens of the United States; \$120 to aliens.
h \$25 to residents; \$150 to nonresidents.
\$ \$10 to residents; \$25 to nonresidents.

#### of technology-Continued.

						Income					
tific ap-	Value of grounds and	Pro- ductive	Tuition	From	State or propris	city ap- ations.	Federal			Bene- fac-	
paratus and ma- chinery.	build- ings.	funds.	and other fees.	pro- duc- tive- funds.	Current ex- penses.	Build- ing or other special pur- poses.	pria- tions.	From other sources.	Total.	tions.	
11	12	13	14	15	16	17	18	19	20	21	
61, 339 106, 063 77, 941 48, 100 100, 000 500, 000	\$158,200 280,849 252,285	\$253, 500 97, 091 135, 000 0	$\$900 \\ 1,122 \\ 25,000$	\$20,280 6,162	\$23, 945 64, 042 78, 925 20, 000		40,000	9.722	\$83,039 121,048 141,925	0	
200,000	120, 900	1,500,000 340,000	48,647	7,050 25,000 17,000	20,000 50,000		32, 500 40, 000	2,500 50,000		\$60,000 10,000	
90,000 305,967 225,540 200,000	180,000993,098443,64910,500,000	$ \begin{array}{r} 600,000\\ 683,709\\ 492,381\\ 0 \end{array} $	13,650 28,582 9,806 0	35,265 25,648 0	$     \begin{array}{c}       110,000 \\       50,000 \\       0     \end{array} $	241,500 41,380 0	40,000 40,000 328,108	5,865	$\begin{array}{r} 46,632\\ 461,212\\ 166,834\\ 328,108 \end{array}$	0 500 0	1
			3,782 309,270	14,817 76,188	9,000 43,650 25,000 6,000	3 500	31 667		446 056	115 303	
$\begin{array}{c} 50,000\\ 141,570\\ 360,000\\ 100,000\\ 376,587\\ 197,234\\ 230,279\\ 14,500\\ 81,000 \end{array}$	$\begin{array}{c} 200,000\\ 291,125\\ 1,575,837\\ 500,000\\ 449,190\\ 226,378\\ 379,531\\ 166,000\\ 145,000\end{array}$	209,011	3, 467 90	$\begin{array}{r} 69,723\\0\\14,388\\12,592\\9,420\end{array}$	$100,000 \\ 54,450 \\ 65,946 \\ 8,000 \\ 17,500$	57,100 18,389 6,500 6,000	40,000 0 27,339 12,661 40,000	43, 485 35, 365 1, 900 4, 925	$\begin{array}{r} 259,865\\ 142,142\\ 164,894\\ 41,743\\ 80,844 \end{array}$	250	1
$40,000 \\ 49,800$	$135,000 \\ 227,500$		$575 \\ 1,785$	8,280	$28,750 \\ 10,500$		40,000	32,962	29,325 93,527	· · · · · ·	
$\begin{array}{c} 65,000\\ 47,000 \end{array}$	$488,000 \\ 53,000$	866,045					40,000		$111,703 \\ 56,683$	55,500 200	
2,000 37,074 68,554 19,000	$\begin{array}{r} 80,000\\ 120,264\\ 282,695\\ 6,000,000\\ 75,000\end{array}$	0 300, 000 475, 170	$360 \\ 6, 691 \\ 70, 488 \\ 0 \\ 177$	5, 305 17, 355 0	15,139 0 7,500	0 0 3,750	0 609,862 8,250	10,177 45,727 0	$\begin{array}{c} 15,499\\22,173\\133,570\\609,862\\19,677\end{array}$	348, 372	
74, 400	313,050	125,000					31,750				
$35,046 \\ 150,000$	248,757 566,000	473, 114		10,846			40,000		186,647	15,000	
79, 463 27, 500 97, 865	120,575 191,000 166,222		1,149 1,512	2,500	19,000	27,500	40,000 40,000	$2,125 \\ 4,000$		0	
5,000 204,691 35,000 23,000	$85,000 \\ 437,629 \\ 235,000 \\ 83,000$	$154,439 \\ 0$	5,636 1 848	1 203	26,250 118,820 31,500 21,000	1,500	27,500 40,000	p 35, 462 9, 275	46,117 194,118 97,570 24,051	0	
109,500 76,514 154,164	550,000 289,064 361,702	209,000 166,320	$2,065 \\ 5,027$	$14,280 \\ 7,395$	60,000 31,315	12,999	40,000	10,313	107,049		
$50,000 \\ 95,500$	$318,000 \\ 280,000$			$1,203 \\ 5,000$	$25,000 \\ 55,000$	12,500	40,000	$13,825 \\ 16,403$	60.137 132,110	400	4

\*\* \* \* \* \*

33.5.5

... 

year. Jønts. , О

 a
 a
 b
 a
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 b
 c
 b
 c
 b
 c
 b
 c
 b
 c
 b
 c
 c
 b
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c
 c





# FALVEY MEMORIAL LIBRARY VILLANOVA UNIVERSITY

