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ABSTRACT

This statistical report presents three tables of preliminary data on national public school enrollment and staff for the 1986-87 school year. Counts of students, teachers, staff, and student/teacher ratios are set forth for each state, the District of Columbia and the nation as a whole. For eight states not submitting information by May 15, 1987, 1985-86 data were incorporated in the national totals. Student enrollment is broken down from prekindergarten through grade 12 and offers counts for an "ungraded" student designation. Numbers and percentages are tabulated for instructional staff (teachers and instructional aides) and for support staff (guidance counselors/directors and "other"). Final data, which include the number of high school graduates, are available August 30, 1987. The report derives the following observations: (1) The student-teacher ratio ranges from a low of 13.7 for Connecticut to a high of 23.4 for Utah; (2) total public school enrollment is approximately 39.7 million students; and (3) nationally, teachers account for a little over half, 56.8 percent, of the total staff of public schools. (CJH)

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Public School Enrollment and Staff, 1986-87

Early Tabulations

July 1987

EA 019 635

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UNITED STATES DEPARTMENT OF EDUCATION

OFFICE OF THE ASSISTANT SECRETARY
FOR EDUCATIONAL RESEARCH AND IMPROVEMENT

CENTER FOR EDUCATION STATISTICS

July 1987

Dear Colleague:

I am pleased to send you this issue in our series of education statistics reports called E.D.TABS. This report includes preliminary tabulations on public school enrollment, instructional staff, and support staff for the current school year (1986-87). You may find the following statistics interesting:

- o The number of students per teacher ranges from a low of 13.7 for Connecticut to a high of 23.4 for Utah.
- o Total public school enrollment is approximately 39.7 million students.
- o Nationally, teachers account for a little over half, 56.8 percent, of the total staff of public schools.

The purpose of this report is to make preliminary data available; it is only an excerpt of what will be available on the public use data tape and from later Center for Education Statistics (CES) analyses.

Data in this report were due from State education agencies to CES on March 16, 1987. In line with the Center's newly adopted standards and to provide timely data, we are publishing data that were available as of May 15, sixty days after the due date.

Forty-two States have reported 1986-87 data and are included in this report. The tabulations are prefaced by a description of the survey methodology, indicating the limitations on the data. E.D.TABS includes no interpretation or highlights of findings, nor does it provide cross references to other data.

Final data will be reported by August 30. Interested users are encouraged to begin their own analyses and to place orders for copies of the data tape (with the final data) which will be available in the fall and will include data by State on staff counts, the number of high school graduates, and enrollment by grade.

Sincerely,

Emerson J. Elliott
Director

Contact: Mary Batcher
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Public School Enrollment and Staff, 1986-87

Fact Sheet

This report presents preliminary data on public school enrollment and staff for the 1986-87 school year. It includes student counts and the number of instructional and support staff reported as full-time equivalent. Forty-two States and the District of Columbia submitted fall 1986 data by May 15, 1987 and their information is included here. For the eight nonreporting States, 1985-86 data were included in the national totals. Data in this report are preliminary and may be revised by the States as part of the normal verification process.

METHODOLOGY

Data on enrollment and staff were provided from the administrative records in each State through the Common Core of Data (CCD) Survey, State Nonfiscal Report. The CCD surveys are an annual collection of basic information on the universe of public schools. The State Nonfiscal Report includes information on enrollment, staffing, and graduates. The CCD surveys are conducted by the Center for Education Statistics with the assistance of the State Education Agencies (SEAs) in the 50 States, the District of Columbia, and the outlying areas under U.S. jurisdiction. Data from outlying areas are not included here, but are available upon request.

In compiling these data from administrative record systems, each SEA obtains fall enrollment reports from the local education agencies (LEAs) that operate public schools. Since each SEA uses various collection methodologies to obtain these data, the "as of dates" for enrollment counts may vary from State to State. Each SEA may edit or examine the individual LEA reports before computing State totals.

DEFINITIONS

Enrollment data are the unduplicated headcounts of students whose names were entered on the roll of the school or LEA as of October 1 of the school year. Ungraded students are those students assigned to classes or programs which do not have standard grade designations. Prekindergarten students are those who are enrolled in a group or class that is part of a public school program taught during the year or years preceding kindergarten.

All staff counts are in full-time equivalents, the amount of time required to perform an assignment stated as a proportion of a full-time position. Included under teacher are those who instruct prekindergarten, kindergarten, grades 1 through 12, or ungraded classes. Those who teach in an environment other than a classroom setting are included. Teacher aides are those staff members who assist a teacher with routine activities associated with teaching. Guidance counselors/directors are professional staff members assigned specific duties and school time to counsel students and parents. Other support staff includes librarians, officials, administrators, and all other support staff.

ACKNOWLEDGMENTS

The author gratefully acknowledges the comments and suggestions of the reviewers: Howard Nelson of the American Federation of Teachers and William Sonnenberg and Marie Van Melis-Wright of the Center for Education Statistics.

Table 1.--Public school enrollment by grade and State: 50 States and D.C., fall 1986

State	Total	Pre-kindergarten	Kindergarten	Grade 1	Grade 2	Grade 3	Grade 4	Grade 5	Grade 6
50 States and D.C.	39,715,325	181,479	3,102,004	3,322,997	3,029,429	2,919,048	2,868,663	2,767,313	2,798,114
Alabama	733,735	---	53,672	64,231	57,357	58,682	56,939	53,977	56,059
Alaska	107,848	---	10,334	10,621	9,080	8,881	8,706	7,875	7,580
Arizona	534,538	0	43,759	48,259	42,764	40,831	40,187	37,402	37,587
Arkansas	437,438	---	34,070	37,490	34,501	32,880	32,799	32,189	32,307
California	*	*	*	*	*	*	*	*	*
Colorado	558,415	2,227	45,843	48,078	44,239	41,771	41,114	39,308	39,878
Connecticut	468,847	3,620	37,432	38,626	34,357	32,722	31,912	30,914	31,309
Delaware	94,410	286	7,696	6,014	7,582	6,851	6,620	6,422	6,591
District of Columbia	85,612	3,405	6,546	7,845	7,096	6,458	6,200	5,592	5,322
Florida	1,607,320	4,287	134,732	133,743	123,061	117,387	117,394	114,901	118,947
Georgia	1,096,425	---	58,748	97,804	86,941	85,014	81,587	78,926	81,027
Hawaii	164,640	304	13,642	13,779	13,092	12,355	12,146	11,744	10,994
Idaho	208,391	0	16,646	18,528	17,679	17,018	16,672	15,859	15,499
Illinois	1,825,185	25,111	134,370	149,921	137,427	129,502	128,759	122,708	122,637
Indiana	*	*	*	*	*	*	*	*	*
Iowa	481,286	981	40,195	39,140	36,095	34,555	33,904	32,379	32,778
Kansas	416,091	495	36,358	36,162	32,650	31,138	30,998	29,293	29,015
Kentucky	642,778	0	49,578	55,793	50,334	48,705	48,508	46,205	46,211
Louisiana	795,188	1,287	68,146	73,190	66,232	63,106	62,325	58,586	58,014
Maine	*	*	*	*	*	*	*	*	*
Maryland	675,747	9,361	50,505	55,915	51,196	48,875	48,378	44,985	46,081
Massachusetts	833,918	3,702	66,595	67,360	60,682	58,117	57,235	55,965	57,152
Michigan	1,681,880	8,696	135,067	125,643	116,298	111,125	108,000	104,079	108,475
Minnesota	711,134	6,008	60,893	59,063	54,315	52,093	50,287	48,318	48,661
Mississippi	498,639	110	33,418	46,900	40,521	39,123	40,102	36,893	36,482
Missouri	800,606	---	62,575	65,801	62,393	60,345	58,984	55,743	57,275
Montana	*	*	*	*	*	*	*	*	*
Nebraska	*	*	*	*	*	*	*	*	*
Nevada	161,239	0	13,202	14,511	13,022	12,280	12,135	11,561	11,203
New Hampshire	163,717	---	5,812	17,054	12,601	12,028	11,631	11,201	11,458
New Jersey	1,107,467	6,054	78,251	84,901	79,591	76,200	75,927	73,334	75,123
New Mexico	281,943	---	23,108	24,880	22,337	21,405	20,628	19,541	19,652
New York	2,607,719	18,783	181,664	204,405	187,764	181,399	178,888	169,759	171,644
North Carolina	1,085,248	778	81,093	86,020	80,915	79,583	79,686	76,379	80,185
North Dakota	120,616	609	10,358	10,638	9,798	9,486	9,412	8,834	8,665
Ohio	1,792,875	---	141,684	150,467	136,708	130,136	128,943	125,599	128,352
Oklahoma	*	*	*	*	*	*	*	*	*
Oregon	449,307	1,617	26,878	37,519	36,440	34,954	34,941	33,595	33,724
Pennsylvania	*	*	*	*	*	*	*	*	*
Rhode Island	134,126	372	9,834	12,081	9,999	9,452	9,318	9,018	8,996
South Carolina	611,629	---	41,415	55,229	48,298	46,798	46,874	45,115	46,254
South Dakota	125,458	925	11,124	11,422	10,333	9,774	9,565	9,209	8,931
Tennessee	818,073	---	62,351	67,741	63,015	61,090	61,142	58,334	59,261
Texas	3,209,515	62,804	248,628	291,251	259,702	249,382	245,742	236,437	240,049
Utah	415,994	---	37,466	38,813	37,007	33,551	35,182	33,273	30,504
Vermont	*	*	*	*	*	*	*	*	*
Virginia	975,135	1,462	75,204	80,288	73,265	70,095	69,422	66,259	67,255
Washington	761,428	1,996	62,897	65,789	60,442	57,484	56,847	53,611	53,757
West Virginia	351,837	501	25,821	27,567	24,731	26,027	26,266	25,105	25,537
Wisconsin	767,819	10,710	62,635	61,096	56,272	53,332	52,659	48,842	50,419
Wyoming	100,955	---	9,075	9,313	8,652	7,878	7,848	7,477	7,417

--- Data not available.

* State did not report.

Note: National totals were estimated using 1985 data for nonreporting States; thus, details do not add to totals. National totals for prekindergarten students and ungraded students should be interpreted with caution because of the many States with missing data in those categories.

Table 1.--Public school enrollment by grade and State: 50 States and D.C., fall 1986--Continued

State	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12	Ungraded
50 States and D.C.	2,898,778	2,889,457	3,292,399	3,223,191	2,930,305	2,589,211	902,936
Alabama	60,804	57,261	42,612	56,014	50,731	45,396	0
Alaska	7,516	7,313	7,872	7,894	7,423	6,753	0
Arizona	38,364	38,060	44,263	43,003	39,685	33,777	4,597
Arkansas	34,341	34,053	34,501	33,025	31,334	28,729	3,199
California	*	*	*	*	*	*	*
Colorado	39,895	40,066	44,478	44,794	42,543	37,327	6,254
Connecticut	32,112	32,229	37,191	37,775	37,293	34,742	16,613
Delaware	6,865	6,880	8,103	8,145	6,734	6,621	---
District of Columbia	6,303	6,015	5,884	6,193	5,706	4,230	2,744
Florida	130,072	126,414	145,470	136,424	114,825	89,663	0
Georgia	81,996	83,280	90,274	83,611	72,877	64,282	20,058
Hawaii	10,667	10,618	11,896	12,258	11,858	10,281	9,006
Idaho	15,661	14,956	15,080	15,389	14,496	13,164	1,744
Illinois	123,647	123,175	141,211	144,222	133,117	119,627	89,751
Indiana	*	*	*	*	*	*	*
Iowa	32,174	32,088	36,316	38,047	37,707	36,222	18,705
Kansas	29,193	29,040	30,940	32,345	30,163	28,218	10,082
Kentucky	45,499	47,108	55,038	51,772	46,040	38,991	12,996
Louisiana	60,567	56,538	63,616	55,460	47,672	42,746	17,703
Maine	*	*	*	*	*	*	*
Maryland	47,828	47,315	57,118	56,031	51,860	47,584	12,715
Massachusetts	60,234	61,328	70,205	70,855	69,623	63,817	11,048
Michigan	112,139	113,378	133,796	129,457	121,917	105,858	147,952
Minnesota	49,789	49,703	54,693	59,579	59,914	57,818	0
Mississippi	37,688	37,060	39,196	36,808	32,734	28,405	13,199
Missouri	58,691	58,861	67,105	65,771	59,943	54,738	12,381
Montana	*	*	*	*	*	*	*
Nebraska	*	*	*	*	*	*	*
Nevada	11,625	11,740	12,273	13,299	12,448	11,023	917
New Hampshire	12,556	12,405	14,547	13,982	13,165	11,641	3,636
New Jersey	76,814	76,245	87,477	89,290	88,333	81,896	58,031
New Mexico	19,835	19,651	21,820	20,551	18,563	16,794	13,178
New York	180,834	174,025	220,033	227,779	200,730	171,545	138,467
North Carolina	84,775	85,446	95,311	93,087	79,460	68,939	13,591
North Dakota	8,827	8,899	8,846	8,948	9,013	8,283	0
Ohio	132,147	133,447	154,659	153,513	144,265	132,955	---
Oklahoma	*	*	*	*	*	*	*
Oregon	33,152	33,088	35,552	36,757	35,364	32,009	3,717
Pennsylvania	*	*	*	*	*	*	*
Rhode Island	9,801	9,865	11,238	10,872	10,267	9,247	3,766
South Carolina	48,907	48,861	55,488	50,193	42,133	36,064	---
South Dakota	8,646	8,518	8,929	9,402	9,069	3,346	1,265
Tennessee	63,860	62,213	67,900	65,455	57,728	49,945	18,038
Texas	246,668	236,791	269,256	235,943	199,583	187,279	---
Utah	29,519	28,311	26,935	27,698	26,402	23,782	7,551
Vermont	*	*	*	*	*	*	*
Virginia	71,161	73,489	82,294	78,806	72,570	68,104	25,461
Washington	54,323	54,187	59,514	63,047	60,844	56,690	---
West Virginia	27,963	27,392	28,278	27,311	26,499	22,845	11,994
Wisconsin	51,542	52,335	61,791	65,680	65,524	61,122	13,810
Wyoming	7,332	7,247	7,411	7,602	7,155	6,429	119

--- Data not available.

* State did not report.

Note: National totals were estimated using 1985 data for nonreporting States; thus, details do not add to totals. National totals for prekindergarten students and ungraded students should be interpreted with caution because of the many States with missing data in those categories.

Table 2.--Public school teachers, enrollment, and student teacher ratio by State: 50 States and D.C., fall 1986

State	Student-teacher ratio	Total enrollment	Teachers				
			Total teachers	Pre-kindergarten teachers	Kindergarten teachers	Teachers of grades 1 to 12	Teachers ungraded classes
50 States and D.C.	17.8	39,715,325	2,228,634	6,230	83,006	1,970,839	163,633
Alabama 1/	19.8	733,735	36,971	---	---	---	---
Alaska	16.7	107,848	6,448	30	256	6,162	---
Arizona	18.4	534,538	29,104	0	936	28,168	0
Arkansas	17.5	437,438	24,944	---	1,481	22,100	523
California	.	.	.	.	.	.	.
Colorado	18.2	558,415	30,704	35	1,150	29,499	---
Connecticut	13.7	468,847	34,252	182	940	27,749	5,381
Delaware	16.0	94,410	5,883	36	197	5,650	0
District of Columbia	14.3	85,612	5,984	311	412	4,599	662
Florida	17.5	1,607,320	91,969	170	5,283	71,343	15,172
Georgia	18.9	1,096,425	57,881	---	3,637	47,078	7,166
Hawaii	22.6	164,640	7,291	39 2/	---	7,069	18*
Idaho	20.4	208,391	10,234	0	442	8,940	132
Illinois	17.4	1,825,185	104,609	393	3,507	84,681	16,328
Indiana	.	.	.	.	.	.	.
Iowa	15.5	481,286	30,958	124	1,299	28,596	939
Kansas	15.4	416,091	27,064	56	908	23,234	2,866
Kentucky	18.6	642,778	34,507	0	1,138	33,369	---
Louisiana	18.4	795,188	43,148	119	2,749	33,550	6,910
Maine	.	.	.	.	.	.	.
Maryland	17.1	675,747	39,543	278	1,219	38,046	---
Massachusetts	14.4	833,918	58,066	---	1,230	50,044	6,792
Michigan	20.2	1,681,880	83,130	302	3,144	59,786	19,898
Minnesota	17.4	711,134	40,957	27	1,369	39,561	0
Mississippi	19.0	498,639	26,219	6	1,327	24,886	---
Missouri	16.4	800,606	48,902	231	1,950	46,157	564
Montana	.	.	.	.	.	.	.
Nebraska	.	.	.	.	.	.	.
Nevada	20.4	161,239	7,908	0	318	7,590	---
New Hampshire	15.9	163,717	10,300	---	162	10,138	---
New Jersey	14.7	1,107,467	75,558	142	2,216	64,644	8,556
New Mexico	19.0	281,943	14,876	---	585	12,064	2,227
New York	15.4	2,607,719	168,940	934	6,194	137,549	24,253
North Carolina	18.7	1,085,248	58,103	40	---	49,978	8,085
North Dakota	15.2	120,616	7,954	78	298	7,578	0
Ohio	18.1	1,792,875	98,894	---	3,031	95,863	---
Oklahoma	.	.	.	.	.	.	.
Oregon	18.3	449,307	24,615	51	682	23,116	766
Pennsylvania	.	.	.	.	.	.	.
Rhode Island	15.0	134,126	8,916	---	244	7,533	1,139
South Carolina	17.3	611,629	35,349	312	990	34,047	---
South Dakota	15.6	125,458	8,031	12	381	7,581	57
Tennessee	19.9	818,073	41,103	---	---	41,103	---
Texas	18.0	3,209,515	178,659	1,753	9,292	163,665	3,949
Utah	23.4	415,994	17,752	---	760	14,658	2,334
Vermont	.	.	.	.	.	.	.
Virginia	16.8	975,135	58,141	68	2,719	54,848	506
Washington	20.5	761,428	37,065	---	---	33,512	3,533
West Virginia	15.3	351,837	22,931	22	874	18,403	3,632
Wisconsin	16.3	767,819	47,039	357	1,675	39,193	5,814
Wyoming	14.0	100,955	7,201	---	287	6,107	807

--- Data not available.

* State did not report.

1/ Alabama only reported total teachers; this number was included in the national total for teachers of grades 1 to 12.

2/ Data estimated by State.

Note: National totals were estimated using 1985 data for nonreporting States; thus, details do not add to totals.

National totals for prekindergarten teachers, kindergarten teachers, and teachers of ungraded students should be interpreted with caution because of the many States with missing data in those categories.

Table 3.--Number of staff employed by public school systems and percent of total staff by category by State:
50 States and D.C., fall 1966

State	Instructional staff				Support staff				Total staff
	Teachers		Instructional aides		Guidance counselors/directors		Other support staff		
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	
50 States and D.C.	2,228,636	56.8	321,262	8.2	63,757	1.6	1,806,566	46.0	3,925,263
Alabama	36,971	52.1	3,812	5.4	971	1.4	29,153	41.1	70,907
Alaska	6,448	...	...	...	166	...	...	...	...
Arizona	29,104	51.8	4,363	7.8	693	1.2	22,047	39.2	56,207
Arkansas	24,944	53.8	2,513	5.4	809	1.7	18,106	39.0	46,372
California	*	*	*	*	*	*	*	*	*
Colorado	30,704	52.5	3,963	6.8	976	1.7	22,894	39.1	58,537
Connecticut	34,252	...	...	...	1,950	...	...	...	...
Delaware	5,823	55.5	658	6.2	162	1.5	3,894	36.7	10,597
District of Columbia	5,984	50.1	622	5.2	155	1.3	5,184	43.4	11,945
Florida	91,965	51.8	16,333	9.2	3,789	2.1	65,289	36.8	177,380
Georgia	57,881	52.1	10,093	9.1	1,220	1.1	41,937	37.7	111,131
Hawaii	7,291	...	935	...	427	...	...	...	...
Idaho	10,234	63.8	877	5.5	241	1.5	4,687	29.2	16,039
Illinois	104,609	...	11,329	...	2,764	...	...	...	...
Indiana	*	*	*	*	*	*	*	*	*
Iowa	30,958	54.5	2,831	5.0	896	1.6	22,140	39.0	56,825
Kansas	27,064	57.3	2,544	5.4	1,002	2.1	16,617	35.2	47,227
Kentucky	34,507	51.0	4,784	7.1	859	1.3	27,571	40.7	67,721
Louisiana	43,148	47.9	7,635	8.5	824	0.9	38,450	42.7	90,057
Maine	*	*	*	*	*	*	*	*	*
Maryland	39,543	54.0	5,034	6.9	1,370	1.9	27,287	37.3	73,234
Massachusetts	58,066	57.0	8,024	7.9	2,134	2.1	33,681	33.1	101,905
Michigan	83,130	48.4	11,920	6.9	3,488	2.0	73,393	42.7	171,931
Minnesota	40,957	58.6	5,114	7.3	860	1.2	22,941	32.8	69,872
Mississippi	26,219	65.6	6,145	15.4	648	1.6	6,942	17.4	39,954
Missouri	48,902	53.4	3,490	3.8	1,390	2.1	37,327	40.7	91,609
Montana	*	*	*	*	*	*	*	*	*
Nebraska	*	*	*	*	*	*	*	*	*
Nevada	7,908	...	...	...	288	...	...	...	...
New Hampshire	10,300	56.1	1,542	8.4	457	2.5	6,053	33.0	18,352
New Jersey	75,558	54.0	7,817	5.5	2,357	1.7	53,809	38.4	140,016
New Mexico	14,876	52.1	2,591	9.1	479	1.7	10,602	37.1	28,548
New York	168,940	53.2	28,399	8.9	4,864	1.5	115,579	36.4	317,782
North Carolina	58,103	55.3	16,482	15.7	1,876	1.8	28,586	27.2	105,047
North Dakota	7,954	56.7	906	6.5	169	1.2	4,991	35.6	14,020
Ohio	98,894	54.1	7,345	4.0	2,927	1.6	73,630	40.3	182,796
Oklahoma	*	*	*	*	*	*	*	*	*
Oregon	24,615	52.8	3,828	8.2	1,064	2.3	17,091	36.7	46,598
Pennsylvania	*	*	*	*	*	*	*	*	*
Rhode Island	8,916	62.3	861	6.0	333	2.3	4,207	29.4	14,317
South Carolina	35,349	57.2	5,459	8.8	1,146	1.9	19,893	32.2	61,847
South Dakota	8,031	57.8	1,103	7.9	229	1.6	4,540	32.7	13,903
Tennessee	41,103	50.8	6,256	7.7	932	1.2	32,677	40.4	80,968
Texas	178,659	50.0	25,259	7.3	5,108	1.4	147,334	41.2	357,360
Utah	17,752	58.2	3,001	9.8	378	1.2	9,370	30.7	30,501
Vermont	*	*	*	*	*	*	*	*	*
Virginia	58,141	53.6	8,137	7.5	1,905	1.8	40,272	37.1	108,455
Washington	37,065	56.2	4,755	7.2	1,205	1.8	22,930	34.8	65,955
West Virginia	22,931	55.1	2,824	6.8	548	1.3	15,350	36.9	41,653
Wisconsin	47,039	59.5	5,321	6.7	1,439	1.8	25,287	32.0	79,086
Wyoming	7,201	50.3	1,350	9.4	173	1.2	5,602	39.1	14,326

... Data not available.

* State did not report.

Note: National totals were estimated using 1985 data for nonreporting States; thus, details do not add to totals.