

DOCUMENT RESUME

ED 046 987

TM 000 348

TITLE Levels of Educational Performance and Related Factors in Michigan.

INSTITUTION Michigan State Dept. of Education, Lansing.

REPORT NO AP-No-4

PUB DATE 70

NOTE 27p.; Paper presented at the Annual Meeting of the American Educational Research Association, New York, New York, February 1971.

EDRS PRICE MF-\$0.65 HC-\$3.25

DESCRIPTORS *Academic Achievement, Comparative Statistics, Educational Accountability, Financial Support, Grade 4, Grade 7, *Performance Factors, *Profile Evaluation, *School Attitudes, *School Districts, School Statistics, Socioeconomic Status, State Programs, Teacher Background, Testing

IDENTIFIERS *Michigan Assessment Program

ABSTRACT

In 1969-70 the Michigan Assessment Program gathered data from 320,000 students in approximately 4,000 schools in over 600 school districts across the state. The assessment battery included measures, at the fourth and seventh grade levels, of the following: socioeconomic status, attitude toward school, percentage of teachers with a master's degree, K-12 instructional expense per pupil, vocabulary (50 verbal analogy problems), and composite achievement (reading, English expression, and mathematics). For the purpose of educational profiles, the state was divided into four geographic regions: Upper Peninsula; Northern Michigan; Southern Michigan; and Wayne, Oakland, and Macomb Counties (Greater Detroit Metropolitan Region); and its communities classified as Metropolitan Core, City, Town, Urban Fringe, or Rural Community. The average score in each geographic region and for each community type within that region for each of the six variables listed above are displayed with reference to the statewide percentile distribution on the same variables. Noteworthy results in the state as a whole and in each region are highlighted. The report includes definitions of terms, explanations and cautions on its use, descriptions of the statistical procedures used, and a listing of the classification of all the school districts in the state. See TM 000 324, TM 000 345-7 and TM 000 340. (DG)

ED0 46987

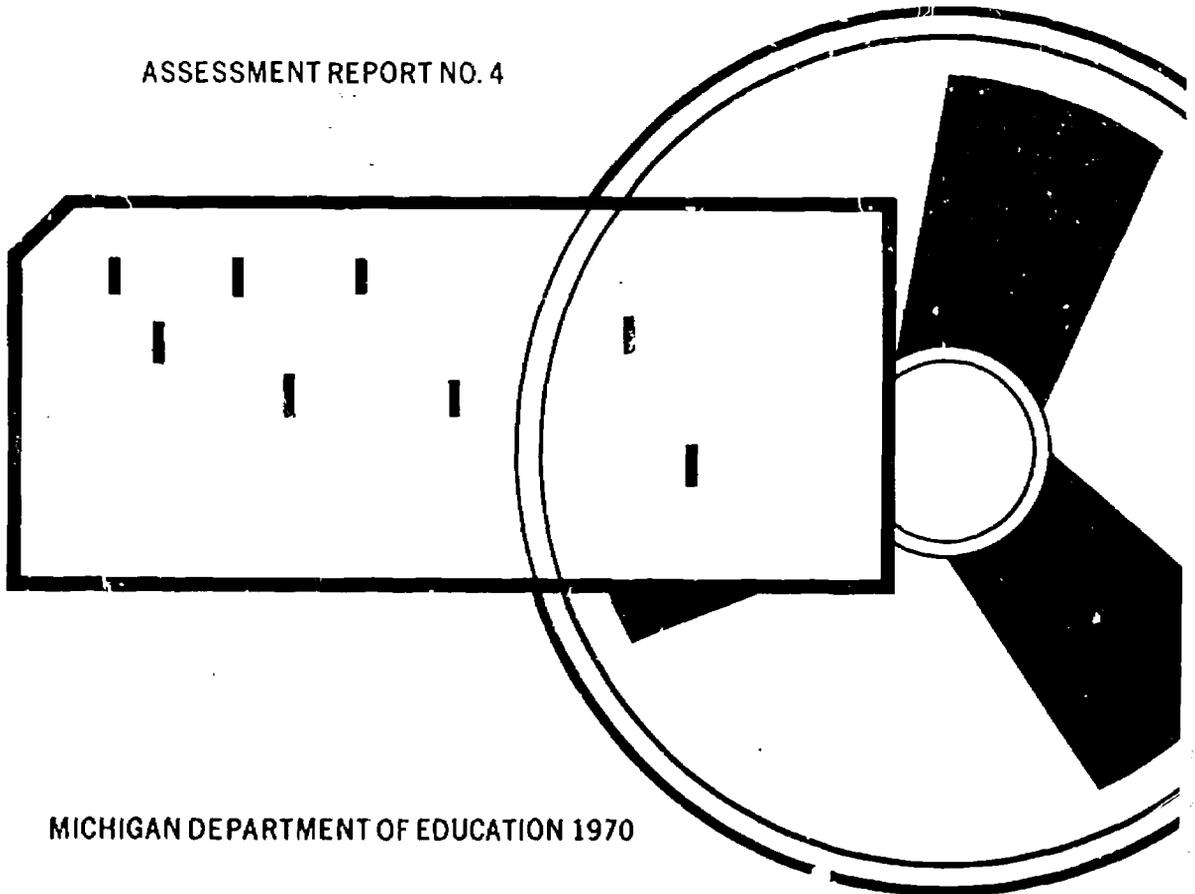
U S DEPARTMENT OF HEALTH, EDUCATION
& WELFARE
OFFICE OF EDUCATION
THIS DOCUMENT HAS BEEN REPRODUCED
EXACTLY AS RECEIVED FROM THE PERSON OR
ORGANIZATION ORIGINATING IT. POINTS OF
VIEW OR OPINIONS STATED DO NOT NECESSARILY
REPRESENT OFFICIAL OFFICE OF EDUCATION
POSITION OR POLICY

LEVELS OF EDUCATIONAL PERFORMANCE

AND RELATED FACTORS

IN MICHIGAN

ASSESSMENT REPORT NO. 4



MICHIGAN DEPARTMENT OF EDUCATION 1970

000 348

State Board of Education

	<i>Term Expires</i>
Dr. Peter Oppewall, <i>President</i> Grand Rapids	Jan. 1, 1971
Thomas J. Brennan, <i>Vice President</i> Dearborn	Jan. 1, 1971
Michael J. Decb, <i>Secretary</i> Detroit	Jan. 1, 1977
James F. O'Neil, <i>Treasurer</i> Livonia	Jan. 1, 1975
Marilyn Jean Kelly Detroit	Jan. 1, 1977
Dr. Charles E. Morton Detroit	Jan. 1, 1973
Dr. Edwin L. Novak Flint	Jan. 1, 1973
Dr. Gorton Riethmiller Chelsea	Jan. 1, 1975
Dr. John W. Porter, <i>Acting Superintendent</i> <i>of Public Instruction, Chairman</i> Member, Ex-Officio	
William G. Millikea, <i>Governor</i> Member, Ex-Officio	

FOREWORD

The Michigan Assessment Program was initiated by the State Board of Education to provide citizens and educators with information regarding the status and progress of Michigan's education system. The goal of this program is to enable citizens and educators to make more informed decisions about education in the State.

Three major purposes guided the design and operation of the 1969-70 Michigan Assessment Program. The first purpose was to gather data which would show the levels of educational performance and the levels of certain factors related to performance. Educational performance was defined in two ways in the Program: by students' scores on a test of vocabulary and by scores on a basic skills achievement battery. The related factors were of four types: students' socioeconomic background, students' attitudes and aspirations, school district financial resources, and school district staff resources. Information regarding this first purpose is contained in the first public report of the Assessment Program, Levels of Educational Performance and Related Factors in Michigan (Lansing, Mich.: Assessment Report No. 4, Michigan Department of Education, 1970). This report displays Assessment data for the different geographic regions and types of communities in Michigan.

The second purpose of the Assessment Program was to gather and display data that would indicate the ways in which educational performance and certain factors related to performance are distributed in Michigan. Information regarding this second major purpose is contained in the second public report of the Assessment Program, Distribution of Educational Performance and Related Factors in Michigan (Lansing, Mich.: Assessment Report No. 5, Michigan Department of Education, 1970).

The third major purpose of the Assessment Program was to provide local school district officials and citizens with information regarding their own school district and its schools. This information is not included in the public reports of the Assessment Program. Rather, the data collected for each school district has been prepared in the form of a computer printout which is being sent only to the district from which the data were gathered. These data are being sent with an explanatory report entitled, Local District Report: Preparing Education Profiles Based on Data from the Michigan Assessment Program (Lansing, Michigan: Assessment Report No. 6, Michigan Department of Education, 1970). Local district officials are encouraged to share the Assessment information from their district with citizens of the district.

Thanks are due to a large number of individuals and groups for making the Michigan Assessment Program a reality: the State Board of Education for proposing it, the Governor and Legislature for actively supporting it, and Michigan educators for assisting with it. The Program was designed and administered by the Bureau of Research, Evaluation, and Assessment, Michigan Department of Education, with the counsel of several ad hoc advisory groups and the assistance of Educational Testing Service, Princeton, N.J.

John W. Porter,
Acting Superintendent of
Public Instruction

INTRODUCTION

This report contains education profiles for Michigan's geographic regions and community types.* Careful examination of these profiles will help you to understand the levels of educational performance and the levels of factors related to performance in relation to State-wide distributions of scores. This information will help you to understand the State's entire educational system.

This report has three sections. The first section outlines highlights of the data contained in the report. The second section states four precautions that must be exercised in the interpretation of the data in this report and contains descriptions of the Assessment measures used in this report. The third section presents education profiles for Michigan's regions and community types. There are four sets of profiles: one for each of the State's four geographic regions. Each education profile is accompanied by a description entitled "Highlights of the Education Profile" which outlines important findings presented in the profile.

*Michigan's local school districts are listed by community type and region in the appendix to this report.

I. HIGHLIGHTS OF THE REPORT

The data presented in this report will provide you with factual information about the levels of educational achievement and the levels of certain factors related to achievement in Michigan's regions and community types. Note that all figures represent averages; they do not imply that all districts in a region or community type are at that level. Four highlights of this data are presented here:

1. School districts classified as being in metropolitan core cities--particularly those in Wayne, Oakland, and Macomb counties--scored, on the average, below the State median on three Assessment measures: attitude toward school, vocabulary, and composite achievement. On the other hand, these districts were, on the average, well above the median on two measures indicative of the amount of school resources expended: per cent of teachers with masters degrees and K-12 instructional expense per pupil.

2. The differences in vocabulary and composite achievement levels between metropolitan core districts and certain of the other districts is particularly noteworthy. For example, school districts classified as being in the urban fringe and in cities--particularly those in Wayne, Oakland, and Macomb counties--scored, on the average, above or around the median on vocabulary and composite achievement. On the average, districts in metropolitan core communities, were at or below the twenty-fifth percentile level on vocabulary and composite achievement.

3. School districts classified as being in rural areas scored lower, on the average, on measures indicative of the amount of school resources expended relative to the other community types. Additionally, these districts were at or below the State median on vocabulary and composite achievement except in the Upper Peninsula where they were above the State median.

4. It may be noted that districts in the Upper Peninsula scored highest on vocabulary and composite achievement, and districts in Southern Michigan scored lowest.

II. CAUTIONS AND DESCRIPTIONS OF MEASURES

A. Cautions

1. It must be understood that the 1969-70 Michigan Assessment Program was a very large and complex undertaking. It gathered a great deal of data from 320,000 students in approximately 4,000 schools in over 600 school districts across the State. Therefore, the results are, of necessity, complicated. To simplify their presentation, the results have been displayed in the form of education profiles for Michigan's regions and community types. A brief discussion of the highlights of each profile is also provided. You will probably want to spend a good deal of time examining the profiles. It is hoped that the "highlights" will help you in interpreting the profiles. Additionally, a technical report will be available that will provide researchers with complete data late in the summer.

2. Conclusions should not be drawn about relationships among the factors described in this report. Just because one factor, for example, socioeconomic status, is at the same level as another factor, for example, composite achievement, in a region does not necessarily mean that there is a cause-effect relationship between the two. Likewise, if a factor, for example, attitude toward school, is at a different level than another factor, for example, vocabulary, this does not necessarily mean there is not a cause-effect relationship between the two factors. A future report in the Assessment series will explore the question of relationships among Assessment measures.

3. Because the levels of the regions and community types on the Assessment measures are averages of districts' scores, the variation of levels from district to district is not apparent in the education profiles. It should not be assumed, therefore, that all the districts within a region or a community type are at the same levels on the Assessment measures.

4. It should be recognized that socioeconomic status is extremely difficult

to index and measure accurately. It is likely that in some districts--especially those in which only a few youngsters responded to the SES items of the Assessment Battery--the socioeconomic status score may not accurately reflect the socioeconomic background of a given district as measured by the students' responses.

B. Assessment Measures Employed in this Report

The Assessment measures on factors which were gathered from Michigan school districts for inclusion in this report are listed and defined below.

SOCIOECONOMIC STATUS (SES): The Assessment Battery which was given to students included thirteen questions which were designed to gather information regarding students' socioeconomic background. These responses were not compiled on an individual student basis; rather, scores were compiled for each district which participated in the Assessment Program. The SES measure is assumed to be indicative of students' perceptions of such things as the educational level of parents and their general economic level.

ATTITUDE TOWARD SCHOOL: The Assessment Battery also included several questions which were designed to gather information regarding students' attitudes toward their schools. These responses were also compiled for each district and developed into a measure assumed to be indicative of students' attitudes toward school.

PER CENT OF TEACHERS WITH MASTERS DEGREES: The per cent of teachers in each district who had completed a masters degree was computed from records held in the Michigan Department of Education.

K-12 INSTRUCTIONAL EXPENSE PER PUPIL: The K-12 instructional expense per pupil was also computed for each district from records held in the Department of Education. It was computed by dividing the district's total instructional expense (less community college instructional expense) by the number of pupils in the district (as of the fourth Friday of the school year).

VOCABULARY: The Assessment Battery included fifty verbal analogy problems which measured students' knowledge of the meanings of words and their relationships. The vocabulary score was obtained from the number of correct responses to these problems.

COMPOSITE ACHIEVEMENT: The Assessment Battery also included sections of questions and problems in reading, English expression, and mathematics. The composite achievement score was obtained by averaging the scores of these three sections of the Battery.

III. EXPLANATION AND PRESENTATION OF THE EDUCATION PROFILES

Education profiles have been prepared for fourth and seventh grade data for each of the four geographic regions (Wayne, Oakland, and Macomb counties; Southern Michigan; Northern Michigan; and Upper Peninsula). The education profiles were built from average school district data. In other words, the profiles were constructed from average district scores, not directly from students' scores.

The education profiles were constructed as follows:

1. A percentile distribution was computed for each of the Assessment measures. Each percentile distribution is a ranking of district scores which is divided into one hundred equal parts. Each part has an equal number--one per cent--of the total number of district scores. Percentile distributions are useful in showing where a particular score lies in relation to other scores. A district score which is at the fiftieth percentile is at the median or middle of the distribution; a district score at the seventy-fifth percentile is above seventy-five per cent or three-quarters--and below twenty-five per cent or one quarter--of the district scores in the distribution.

2. The average score of the districts in each region was computed. This was done by adding up the scores of all the districts in a region and dividing the total by the number of districts in the region. By this procedure, each district--regardless of its enrollment--was given equal weight.

3. The average score of districts within each community type of each region was computed. This was done by adding up the scores of all the districts in a community type within a region and dividing by the total number of districts. Again, each district was given equal weight regardless of its enrollment.

4. These average scores computed in steps two and three were plotted onto the percentile distribution built in step one.

FIGURE 1--which is a replica of the fourth grade level education profile for Region 1 (Wayne, Oakland, and Macomb counties)--may be used as an example of how the profiles were built. It was constructed as follows:

1. A percentile distribution was prepared using State-wide fourth grade Assessment data for district scores on socioeconomic status. This distribution indicates that the median or middle district in the State had a score of 48.03 on socioeconomic status.

2. The average score of the districts in Region 1 was computed for socioeconomic status. This average score was determined to be 51.29.

3. The average score of the districts in each community type of Region 1 was computed for socioeconomic status. This average was determined to be 47.05 for community type I, 52.87 for II, 50.76 for III, 51.81 for IV, and 49.43 for V.

FIGURE 1

	SCORE ON SOCIOECONOMIC STATUS	SCORE ON ATTITUDE TOWARD SCHOOL	PER CENT OF TEACHERS WITH MASTERS DEGREE	K-12 INSTRUCTIONAL EXPENSE PER PUPIL	SCORE ON VOCABULARY	SCORE ON COMPOSITE ACHIEVEMENT
95	54.00 (II)	54.47	37.46 %	\$ 595 (I)	54.99	55.21
90	52.18 (IV)	53.55	33.16 (I)	539 (IV)	53.85	54.20
85	51.28 (boxed)	52.97	29.25 (IV)	508 (II)	53.22	53.53
80	50.45 (III)	52.65	25.96 (boxed) (II)	486	52.72	52.99
75	49.87 (V)	52.40	24.01 (III)	468	52.24	52.57
70	49.36	52.11	22.26	452 (III)	51.90	52.16
65	48.94	51.77	20.22	438 (V)	51.57 (IV)	51.81
60	48.59	51.57	18.76	429 (II)	51.25 (II)	51.55 (IV)
55	48.30	51.38	17.62	419	50.90 (boxed)	51.27
50	48.03 (boxed)	51.15	16.48	410	50.60	50.95 (boxed) (II)
45	47.76	50.87 (IV)	15.38	400	50.34 (III)	50.64 (II)
40	47.46	50.60	14.29	393	50.05 (III)	50.36 (III)
35	47.16 (I)	50.36 (boxed) (V)	13.15 (V)	385	49.75 (V)	50.07
30	46.87	50.10	11.92	377	49.37 (V)	49.77 (V)
25	46.53	49.84	10.68	370	48.90	49.39
20	46.14	49.44 (III)	8.67	362	48.47	48.94
15	45.70	48.94 (II)	6.30	341	48.01	48.40
10	45.25	48.43 (I)	2.46	311	47.37	47.62
5	44.41	47.41	0.13	260	46.38 (I)	46.44 (I)

4. These scores were plotted onto the State-wide socioeconomic status distribution. The average score for the region, 51.29, fell at about the eighty-fifth percentile on this distribution. The average district score for the region is represented by a box in the distribution. Likewise, the average score for each of the community types was plotted onto the distribution. The average score for community type I, 47.05, fell at about the thirty-third percentile. The average score for the community type is represented by the circle numbered I.

The remaining columns in the example profile may be read similarly. For example, in the composite achievement column it can be seen that the average district in the region scored very close to the State median, and there was considerable variation among average scores of the different community types. Community type I had an average district score which fell below the fifth percentile on the State-wide distribution while community type IV had an average district score which fell at about the sixtieth percentile.

The remainder of this report contains education profiles constructed similarly to the profile in FIGURE 1. They may be read in the same way. Highlights of each profile are provided to help you to interpret the data.

In the highlights of the education profiles: (1) a "high" level refers to a level at or above the seventy-fifth percentile and (2) a "low" level refers to a level at or below the twenty-fifth percentile.

WAYNE, OAKLAND & MACOMB COUNTIES

(Region 1)

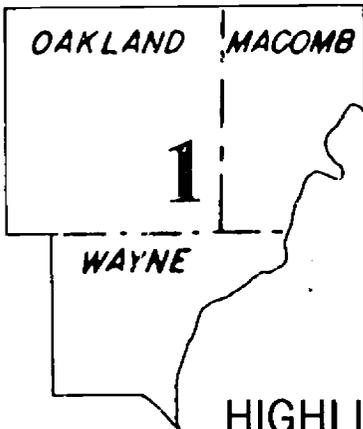
EDUCATION PROFILES

Grade 4

	SCORE ON SOCIOECONOMIC STATUS	SCORE ON ATTITUDE TOWARD SCHOOL	PER CENT OF TEACHERS WITH MASTERS DEGREES	K-12 INSTRUCTIONAL EXPENSE PER PUPIL	SCORE ON VOCABULARY	SCORE ON COMPOSITE ACHIEVEMENT
95	54.00 (II)	54.47	37.46 %	\$ 995 (I)	54.99	55.21
90	52.18 (IV)	53.55	33.16 (I)	539 (IV)	53.85	54.30
85	51.28 (IV)	52.97	29.25 (I)	508 (II)	53.22	53.53
80	50.45 (III)	52.65	25.54 (IV)	486	52.72	52.99
75	49.87 (V)	52.40	24.01 (II)	468	52.24	52.57
70	49.36 (V)	52.11	22.25 (III)	452 (III)	51.90	52.16
65	48.94	51.77	20.22	438	51.57 (V)	51.81
60	48.59	51.57	18.76	429 (V)	51.29 (II)	51.53 (I)
55	48.30	51.38	17.62	419	50.90 (II)	51.27
50	48.03	51.15	16.48	410	50.60	50.95 (II)
45	47.76	50.87 (IV)	15.38	400	50.34 (III)	50.64 (II)
40	47.46	50.60	14.29	393	50.05 (III)	50.36 (III)
35	47.16 (I)	50.36 (V)	13.15 (V)	385	49.75 (V)	50.07
30	46.87 (I)	50.10	11.92	377	49.37	49.77 (V)
25	46.53	49.84	10.68	370	48.90	49.39
20	46.14	49.44 (III)	8.67	362	48.47	48.94
15	45.70	48.94 (II)	6.30	341	48.01	48.40
10	45.25	48.43 (I)	2.46	311	47.37	47.62
5	44.41	47.41	0.13	260	46.38 (I)	46.44 (I)

Grade 7

	SCORE ON SOCIOECONOMIC STATUS	SCORE ON ATTITUDE TOWARD SCHOOL	PER CENT OF TEACHERS WITH MASTERS DEGREES	K-12 INSTRUCTIONAL EXPENSE PER PUPIL	SCORE ON VOCABULARY	SCORE ON COMPOSITE ACHIEVEMENT
95	54.74 (II)	55.87	37.66 %	\$ 996 (I)	54.87	55.05
90	52.24 (IV)	54.89	33.43 (I)	541 (IV)	53.52	53.94
85	51.15 (IV)	54.35	29.56 (I)	510 (II)	52.81	53.25
80	50.31 (III)	53.88	26.37 (IV)	489	52.32	52.73
75	49.58 (III)	53.48	24.26 (II)	471	51.95 (IV)	52.20
70	49.04 (V)	53.14	22.59 (III)	456 (III)	51.57 (II)	51.88
65	48.53	52.83	20.63	441 (V)	51.16	51.57
60	48.11	52.55	19.02	432	50.85 (II)	51.27 (IV)
55	47.78	52.28	17.92	423	50.55	50.99
50	47.44	51.93	16.81	414	50.27 (III)	50.72 (II)
45	47.08 (I)	51.57	15.74	405	50.00 (III)	50.42 (II)
40	46.69 (I)	51.22	14.67	396	49.73 (V)	50.12
35	46.22	50.87	13.61 (V)	389	49.47	49.81 (III)
30	45.87	50.49 (IV)	12.42 (V)	362	49.19	49.53 (V)
25	45.43	50.09 (V)	11.22	374	48.84	49.24
20	44.99	49.66 (V)	9.67	367	48.51	48.92
15	44.52	49.25 (IV)	7.59	357	47.97	48.51
10	43.90	48.19 (II)	5.03	332	47.24	47.89
5	42.86	46.70 (I)	0.74	286	46.21 (I)	46.83 (I)



DEFINITIONS OF COMMUNITY TYPES

- Type I - Metropolitan Core: One or more adjacent cities with a population of 50,000 or more which serve as the economic focal point of their environs.
- II - City: Community of 10,000 to 50,000 that serves as the economic focal point of its environs.
- III - Town: Community of 2,500 to 10,000 that serves as the economic focal point of its environs.
- IV - Urban Fringe: A community of any population size that has as its economic focal point a metropolitan core or a city.
- V - Rural Community: A community of less than 2,500.

HIGHLIGHTS OF THE EDUCATION PROFILES

REGION 1

FOURTH GRADE HIGHLIGHTS

1. Metropolitan core school districts in Wayne, Oakland, and Macomb counties scored low on three Assessment measures: attitude toward school, vocabulary, and composite achievement. These districts scored high on the two measures indicative of school resources: per cent of teachers with masters degrees and K-12 instructional expense per pupil.
2. Urban fringe districts in Wayne, Oakland, and Macomb counties scored high on socioeconomic status and on the two measures indicative of school resources. They scored above the median on vocabulary and composite achievement.
3. Overall, districts in the region were high on socioeconomic status, below the median on attitude toward school, high on per cent of teachers with masters degrees and K-12 instructional expense per pupil, above the median on vocabulary, and at the median on composite achievement.

REGION 1

SEVENTH GRADE HIGHLIGHTS

1. Metropolitan core school districts in Wayne, Oakland, and Macomb counties scored low on three Assessment measures: attitude toward school, vocabulary, and composite achievement. These districts scored high on the two measures indicative of school resources: per cent of teachers with masters degrees and K-12 instructional expense per pupil.
2. Urban fringe districts in Wayne, Oakland, and Macomb counties scored high on socioeconomic status and the two measures indicative of school resources and above the median on vocabulary and composite achievement.
3. Overall, districts in the region tended to be high on socioeconomic status, below the median on attitude toward school, high on per cent of teachers with masters degrees and K-12 instructional expense per pupil, and above the median on vocabulary, and at the median on composite achievement.

SOUTHERN MICHIGAN

(Region 2)

EDUCATION PROFILES

Grade 4

	SCORE ON SOCIOECONOMIC STATUS	SCORE ON ATTITUDE TOWARD SCHOOL	PER CENT OF TEACHERS WITH MASTERS DEGREES	K-12 INSTRUCTIONAL EXPENSE PER PUPIL	SCORE ON VOCABULARY	SCORE ON COMPOSITE ACHIEVEMENT
95	54.00	54.47	37.46 %	595 (I)	54.99	55.21
90	52.18	53.55	33.16 (I)	539	53.85	54.20
85	51.28	52.97	29.25 (II)	500 (II)	53.22	53.53
80	50.45 (II)	52.65	25.94	486	52.72	52.99
75	49.87 (IV)	52.40	24.01	468	52.24	52.57
70	49.36 (I)	52.11	22.26 (IV)	452 (IV)	51.90	52.16
65	48.94 (III)	51.77	20.22 (III)	438	51.57	51.81
60	48.59	51.57	18.76	429	51.25 (II)	51.53
55	48.30	51.38 (V)	17.62	419	50.90 (IV)	51.27
50	48.03	51.15	16.48	410 (III)	50.60 (III)	50.95 (II, IV)
45	47.76 (V)	50.87 (IV)	15.38	400 (III)	50.34 (III)	50.64 (III)
40	47.46 (V)	50.60 (III)	14.29	393	50.05 (V)	50.36 (V)
35	47.16	50.36	13.15 (V)	385	49.75	50.07
30	46.87	50.10 (II)	11.92	377	49.37	49.77
25	46.53	49.84	10.68	370 (V)	48.90 (I)	49.39
20	46.14	49.44 (I)	8.67	362	48.47	48.94 (I)
15	45.70	48.94	6.39	341	48.01	48.40
10	45.25	48.43	2.46	311	47.37	47.62
5	44.41	47.41	0.33	260	46.38	46.44

Grade 7

	SCORE ON SOCIOECONOMIC STATUS	SCORE ON ATTITUDE TOWARD SCHOOL	PER CENT OF TEACHERS WITH MASTERS DEGREES	K-12 INSTRUCTIONAL EXPENSE PER PUPIL	SCORE ON VOCABULARY	SCORE ON COMPOSITE ACHIEVEMENT
95	54.74	55.87	37.66 %	596 (I)	54.87	55.05
90	52.24	54.89	33.43 (I)	541	53.52	53.94
85	51.13	54.35	29.56 (II)	510 (II)	52.81	53.25
80	50.74 (II)	53.88	26.32	489	52.32	52.73
75	49.58 (IV)	53.48	24.26	471	51.95	52.20
70	49.04 (I)	53.14	22.59	456	51.57	51.88
65	48.53 (III)	52.83	20.63 (IV)	441 (IV)	51.16	51.57
60	48.11	52.55	19.02 (III)	432	50.85 (III)	51.27
55	47.78	52.28 (V)	17.92	423	50.55 (IV)	50.99 (III)
50	47.44	51.99	16.81	424 (III)	50.27 (II)	50.72 (II)
45	47.08	51.57 (IV)	15.74	405	50.00	50.42 (IV)
40	46.69 (V)	51.22 (III)	14.67	396	49.73	50.12 (V)
35	46.22 (V)	50.87	13.61 (V)	389	49.47 (V)	49.81
30	45.87	50.49	12.42	382 (V)	49.19	49.53
25	45.43	50.09	11.22	374	48.89	49.24
20	44.99	49.66 (II)	9.67	367	48.51 (I)	48.91 (I)
15	44.52	49.25 (I)	7.59	357	47.97	48.51
10	43.90	48.19	5.03	332	47.24	47.89
5	42.86	46.70	0.74	286	46.21	46.83

NORTHERN MICHIGAN (Region 3)

EDUCATION PROFILES

Grade 4

	SCORE ON SOCIOECONOMIC STATUS	SCORE ON ATTITUDE TOWARD SCHOOL	PER CENT OF TEACHERS WITH MASTERS DEGREES	K-12 INSTRUCTIONAL EXPENSE PER PUPIL	SCORE ON VOCABULARY	SCORE ON COMPOSITE ACHIEVEMENT
95	54.00	54.47	37.46 %	595	54.39	55.21
90	52.18	53.55	33.16	539	53.85	54.20
85	51.28	52.97	29.25	508	53.22	53.53
80	50.45	52.65	25.94	486	52.72	52.99
75	49.87	52.40	24.01	468	52.24	52.57
70	49.36	52.11	22.26	452	51.90	52.16
65	48.94	51.77	20.22	438	51.57	51.81
60	48.59	51.57	18.76	429	51.25	51.53
55	48.30	51.38	17.62	419	50.90	51.27
50	48.03	51.15	16.48	410	50.60	50.95
45	47.76	50.87	15.38	400	50.34	50.64
40	47.46	50.60	14.29	392	50.05	50.36
35	47.16	50.36	13.15	385	49.75	50.07
30	46.87	50.10	11.92	377	49.37	49.77
25	46.53	49.84	10.68	370	48.90	49.39
20	46.14	49.44	8.67	362	48.47	48.94
15	45.70	48.94	6.30	341	48.01	48.40
10	45.25	48.43	2.46	311	47.37	47.62
5	44.41	47.41	0.13	260	46.38	46.44

Grade 7

	SCORE ON SOCIOECONOMIC STATUS	SCORE ON ATTITUDE TOWARD SCHOOL	PER CENT OF TEACHERS WITH MASTERS DEGREES	K-12 INSTRUCTIONAL EXPENSE PER PUPIL	SCORE ON VOCABULARY	SCORE ON COMPOSITE ACHIEVEMENT
95	54.74	53.87	37.66 %	596	54.87	55.05
90	52.24	54.89	33.43	541	53.51	53.94
85	51.15	54.35	29.56	510	52.81	53.25
80	50.31	53.88	26.32	489	52.32	52.73
75	49.58	53.48	24.24	471	51.95	52.20
70	49.04	53.14	22.59	456	51.57	51.88
65	48.53	52.83	20.63	441	51.16	51.57
60	48.11	52.55	19.02	432	50.85	51.27
55	47.78	52.28	17.92	423	50.55	50.99
50	47.44	51.93	16.81	414	50.27	50.72
45	47.08	51.57	15.74	405	50.00	50.42
40	46.69	51.22	14.67	396	49.73	50.12
35	46.22	50.87	13.61	389	49.47	49.81
30	45.87	50.49	12.42	382	49.19	49.53
25	45.43	50.09	11.22	374	48.89	49.24
20	44.99	49.66	9.87	367	48.51	48.92
15	44.52	49.25	7.59	357	47.97	48.51
10	43.90	48.19	5.03	332	47.24	47.89
5	42.86	46.70	0.74	284	46.21	46.83

UPPER PENINSULA (Region 4)

EDUCATION PROFILES

Grade 4

	SCORE ON SOCIOECONOMIC STATUS	SCORE ON ATTITUDE TOWARD SCHOOL	PER CENT OF TEACHERS WITH MASTERS DEGREE	K-12 INSTRUCTIONAL EXPENSE PER PUPIL	SCORE ON VOCABULARY	SCORE ON COMPOSITE ACHIEVEMENT
95	54.00	54.47	37.46 %	595	54.99	55.21
90	52.18	53.55	33.16	539	53.85 (III)	54.20 (II)
85	51.28	52.97	29.25 (II)	508	53.22 (II)	53.53
80	50.45	52.65	25.94 (III)	486	52.72	52.99
75	49.87	52.40	24.01	468	52.24	52.57 (II)
70	49.36 (II)	52.13	22.26	452	51.90	52.16 (V)
65	48.94 (II)	51.77	20.22	438 (II)	51.57	51.81
60	48.59	51.57	18.76	429 (III)	51.25 (V)	51.53
55	48.30 (III)	51.36 (V)	17.62	419	50.90	51.27
50	48.03 (II)	51.15 (III)	16.48	410 (V)	50.60	50.95
45	47.76	50.87 (II)	15.38	400	50.34	50.64
40	47.46	50.60	14.29	393	50.05	50.36
35	47.18	50.36	13.15 (V)	385	49.75	50.07
30	46.87 (V)	50.10	11.52	377	49.37	49.77
25	46.55	49.84	10.68	370	48.90	49.39
20	46.14	49.44	8.67	362	48.47	48.94
15	45.70	48.94	6.30	341	48.01	48.40
10	45.25	48.43	2.46	311	47.37	47.62
5	44.41	47.41	0.13	260	46.38	46.44

Grade 7

	SCORE ON SOCIOECONOMIC STATUS	SCORE ON ATTITUDE TOWARD SCHOOL	PER CENT OF TEACHERS WITH MASTERS DEGREE	K-12 INSTRUCTIONAL EXPENSE PER PUPIL	SCORE ON VOCABULARY	SCORE ON COMPOSITE ACHIEVEMENT
95	54.74	55.87	37.66 %	596	54.87	55.05
90	52.24	54.89	33.43	541	53.52	53.94
85	51.13	54.35	29.56 (II)	510	52.81	53.25 (V)
80	50.31	53.88	26.32 (III)	489	52.32	52.73 (III)
75	49.58 (II)	53.48	24.26	471	51.95 (II)	52.20 (II)
70	49.04	53.14 (V)	22.39	456	51.37 (III)	51.88
65	48.53	52.83 (II)	20.63	441	51.16 (V)	51.57
60	48.11	52.55 (III)	19.02	432 (II)	50.85	51.27
55	47.78	52.28	17.92	423 (III)	50.55	50.99
50	47.44	51.99	16.80	414 (V)	50.27	50.72
45	47.08 (III)	51.57	15.74	405	50.00	50.42
40	46.69	51.22	14.62 (V)	396	49.73	50.12
35	46.22	50.82 (II)	13.61	389	49.47	49.81
30	45.87	50.49	12.42	382	49.19	49.53
25	45.43	50.09	11.22	374	48.89	49.24
20	44.97 (V)	49.66	9.67	367	48.51	48.92
15	44.52	49.25	7.59	357	47.97	48.51
10	43.90	48.19	5.03	332	47.24	47.89
5	42.86	46.70	0.74	286	46.21	46.83



DEFINITIONS OF COMMUNITY TYPES

- Type II - City: Community of 10,000 to 50,000 that serves as the economic focal point of its environs.
- III - Town: Community of 2,500 to 10,000 that serves as the economic focal point of its environs.
- V - Rural Community: A community of less than 2,500.

HIGHLIGHTS OF THE EDUCATION PROFILES

REGION 4

FOURTH GRADE HIGHLIGHTS

1. Districts in cities and towns in the Upper Peninsula scored high on per cent of teachers with masters degrees, vocabulary, and composite achievement.
2. Rural areas of the Upper Peninsula scored below the median on socioeconomic status and per cent of teachers with masters degrees and above the median on vocabulary and composite achievement.
3. Overall, districts in the Upper Peninsula tended to score below the median on socioeconomic status, around the median on attitude toward school and per cent of teachers with masters degrees, above the median on K-12 instructional expense per pupil and vocabulary, and high on composite achievement.

REGION 4

SEVENTH GRADE HIGHLIGHTS

1. City districts in the Upper Peninsula scored above the median on socio-economic status and K-12 instructional expense per pupil and high on per cent of teachers with masters degrees, vocabulary, and composite achievement.
2. Rural districts in the Upper Peninsula scored low on socioeconomic status and high on composite achievement.
3. Overall, districts in the Upper Peninsula tended to score below the median on socioeconomic status, and above the median on attitude toward school, per cent of teachers with masters degrees, K-12 instructional expense per pupil, and vocabulary, and high on composite achievement.

**MICHIGAN SCHOOL DISTRICTS
GROUPED BY REGION AND COMMUNITY TYPE**

Region 1

I METROPOLITAN CORE CITIES

82-010 Detroit City Sch Dist
82-060 Hamtramck City Schs
82-070 Highland Park City Schs
63-030 Pontiac City Sch Dist

II CITIES

50-160 Mt Clemens Comm Sch Dist
63-100 Novi Comm Sch Dist
82-100 Plymouth Comm Sch Dist

III TOWNS

50-040 Anchor Bay Sch Dist
63-210 Holly Area Sch Dist
63-220 Huron Valley Schs
82-340 Huron Sch Dist
63-230 Lake Orion Comm Sch Dist
82-390 Northville Pub Schs
63-110 Oxford Area Comm Sch Dist
50-180 Richmond Comm Schs
63-260 Rochester Comm Sch Dist
50-190 Romeo Comm Schs
82-130 Romulus Comm Schs
82-430 Van Buren Pub Schs
63-290 Walled Lake Cons Sch Dist

IV URBAN FRINGE

82-020 Allen Park Pub Schs
63-070 Avondale Sch Dist
63-050 Berkley City Sch Dist
63-010 Birmingham City Sch Dist
63-080 Bloomfield Hills Sch Dist
50-010 Center Line Pub Schs
82-025 Cherry Hill Sch Dist
50-080 Chippewa Valley Schs
63-150 City of Troy Sch Dist
63-090 Clarenceville Sch Dist
63-270 Clawson City Sch Dist
50-070 Clintondale Pub Schs
82-230 Crestwood Sch Dist
82-030 Dearborn City Sch Dist
Dearborn Heights Sch Dist 7

50-020 East Detroit City Sch Dist
82-250 Ecorse Pub Sch Dist
82-210 Fairlane Sch Dist
63-200 Farmington Pub Sch Dist
63-020 Ferndale City Sch Dist
50-090 Fitzgerald Pub Schs
82-180 Flat Rock Comm Schs
50-100 Fraser Pub Schs
82-050 Garden City Sch Dist
82-290 Gibraltar Sch Dist
82-055 Grosse Pte Pub Schs
82-300 Grosse Ile Twp Schs
82-320 Harper Woods City Sch Dist
63-130 Hazel Park City Sch Dist
82-330 Heintzen Pub Sch Dist
82-080 Inkster City Sch Dist
50-140 L'Anse Creuse Pub Schs
50-120 Lake Shore Pub Schs
50-130 Lakeview Pub Schs
63-280 Lamphere Pub Schs
82-090 Lincoln Park City Schs
82-095 Livonia Pub Schs
63-140 Madison Hgts Sch Dist
82-045 Melvindale N Allen Pk S D
82-220 North Dearborn Hgts Sch Dist
63-250 Oak Park City Sch Dist
82-110 Redford Union Sch Dist
82-120 River Rouge City Schs
82-400 Riverview Comm Sch Dist
50-030 Roseville City Sch Dist
63-040 Royal Oak City Sch Dist
50-200 South Lake Schs
82-140 South Redford Sch Dist
63-060 Southfield Pub Sch Dist
82-405 Southgate Comm Sch Dist
82-150 Taylor Sch Dist
82-155 Trenton Pub Schs
50-210 Utica Comm Schs
50-220 Van Dyke Comm Schs
50-230 Warren Cons Schs
50-240 Warren Woods Pub Schs
82-160 Wayne Comm Schs
63-160 West Bloomfield Twp Sch Dist
82-240 Westwood Comm Schs
82-365 Woodhaven Sch Dist
82-170 Wyandotte City Sch Dist

Region 1, continued

V RURAL

50-050 Armada Area Schs
63-180 Brandon Twp Sch Dist
63-190 Clarkston Comm Sch Dist
50-170 New Haven Comm Schs
63-240 So Lyon Comm Schs
63-300 Waterford Twp Sch Dist

47-010 Brighton Area Schs
11-310 Buchanan Pub Sch Dist
79-020 Caro Comm Schs
14-010 Cassopolis Pub Schs
23-030 Charlotte Pub Schs
81-040 Chelsea Sch Dist
73-110 Chesaning Union Schs
25-150 Clio Area Sch Dist
12-010 Coldwater Comm Schs
78-100 Corunna Pub Sch Dist
76-080 Crosswell Lexington Comm S D

Region 2

I METROPOLITAN CORE CITIES

81-010 Ann Arbor City Sch Dist
13-020 Battle Creek City Schs
09-010 Bay City Sch Dist
25-010 Flint City Sch Dist
41-010 Grand Rapids City Sch Dist
38-170 Jackson Union Sch Dist
39-010 Kalamazoo City Sch Dist
33-020 Lansing Pub Sch Dist
61-010 Muskegon City Sch Dist
61-020 Muskegon Hgts City Sch Dist
73-010 Saginaw City Sch Dist

14-020 Dowagiac Union Schs
58-050 Dundee Comm Sch Dist
78-030 Durand Area Schs
74-050 East China Twp Sch Dist
23-050 Eaton Rapids Pub Schs
39-050 Galesburg Augusta Comm S D
59-070 Greenville Pub Schs
32-060 Harbor Beach Comm Sch
80-120 Hartford Pub Sch Dist
03-030 Hastings Pub Sch Dist
30-020 Hillsdale Comm Schs
47-070 Howell Pub Schs
70-190 Hudsonville Pub Sch Dist
34-010 Ionia City Sch Dist

II CITIES

46-010 Adrian City Sch Dist
13-010 Albion City Schs
11-010 Benton Harbor City Sch Dist
70-010 Grand Haven City Sch Dist
70-020 Holland City Sch Dist
56-010 Midland City Sch Dist
58-010 Monroe City Pub Schs
11-300 Niles Comm Sch Dist
78-110 Owosso Pub Sch Dist
74-010 Port Huron City Sch Dist
11-020 St Joseph City Sch Dist
81-020 Ypsilanti City Sch Dist

29-060 Ithaca Pub Schs
44-010 Lapeer Pub Schs
41-170 Lowell Area Schs
13-110 Marshall Pub Schs
81-100 Milan Area Schs
61-180 Montague Pub Schs
11-200 New Buffalo Area Sch Dist
03-020 Otsego Pub Schs

III TOWNS

74-030 Algonac Comm Sch Dist
03-030 Allegan Pub Schs
29-010 Alma Pub Schs
32-010 Bad Axe Pub Schs
58-030 Bedford Pub Sch Dist
34-080 Belding Area Sch Dist
6-040 Blissfield Comm Schs

80-160 Paw Paw Pub Sch Dist
78-080 Perry Pub Sch Dist
03-010 Plainwell Comm Schs
34-110 Portland Pub Sch Dist
41-210 Rockford Pub Schs
29-100 Saint Louis Pub Schs
81-120 Saline Area Sch Dist
79-145 Sebawaing Unionville Schs
80-010 South Haven Pub Schs
41-240 Sparta Area Schs
19-140 St Johns Pub Schs
75-010 Sturgis City Sch Dist
25-180 Swartz Creek Comm Sch Dist
46-140 Tecumseh Pub Schs
75-080 Three Rivers Pub Sch Dist
79-150 Vassar Pub Schs
39-170 Vicksburg Comm Schs

Region 2, continued

III TOWNS, continued

61-240 White Hall Dist Schs
33-230 Williamston Comm Schs
70-350 Zeeland Pub Sch Dist

IV URRAN FRINCE

25-130 Atherton Comm Sch Dist
09-030 Bangor Twp Schs
19-100 Bath Comm Schs
25-240 Beecher Sch Dist
25-060 Bendle Pub Sch Dist
25-230 Bentley Comm Sch Dist
73-180 Bridgeport Comm Sch Dist
73-080 Buena Vista Sch Dist
25-080 Carman Sch Dist
73-030 Carrollton Sch Dist
39-030 Comstock Pub Schs
41-080 Comstock Park Sch Dist
25-140 Davison Comm Schs
19-010 DeWitt Pub Schs
41-090 E Gr Rapids Pub Schs
38-090 E Jackson Pub Schs
33-010 East Lansing Sch Dist
09-050 Essexville Hampton Sch Dist
25-120 Flushing Comm Schs
41-110 Forest Hills Pub Schs
61-420 Fruitland Twp Sch Dist 1F
61-080 Fruitport Comm Schs
25-070 Genesee Sch Dist
41-120 Godfrey Lee Pub Sch Dist
41-020 Godwin Hgts Pub Schs
23-060 Grand Ledge Pub Schs
25-030 Grand Blanc Comm Schs
41-130 Grandville Pub Schs
11-670 Hagar Twp Sch Dist 6
13-070 Harper Creek Comm Schs
33-060 Haslett Pub Schs
33-070 Holt Pub Schs
25-110 Kearsley Comm Schs
41-140 Kelloggsville Pub Schs
41-145 Kenowa Hills Pub Schs
41-160 Kentwood Pub Schs
11-030 Lakeshore Sch Dist
13-090 Lakeview Cons Sch Dist
46-090 Madison Sch
74-100 Marysville Pub Sch Dist
33-130 Mason Pub Schs
38-120 Michigan Center Sch Dist
61-060 Mona Shores Sch Dist
40 Mt Morris Cons Schs

61-230 North Muskegon City Sch Dist
41-025 Northview Pub Sch
33-170 Okemos Pub Schs
23-490 Oneida Twp Sch Dist 3
61-190 Orchard View Schs
39-130 Parchment Sch Dist
13-120 Pennfield Sch Dist
39-140 Portage Pub Schs
23-090 Potterville Pub Schs
61-220 Reeths Puffer Schs
73-040 Saginaw Twp Comm Schs
11-830 Sodus Twp Sch Dist 5
13-030 Springfield City Sch Dist
70-300 Spring Lake Pub Sch Dist
73-255 Swan Valley Sch Dist
38-020 Vandercook Lake Pub Sch Dist
33-215 Waverly Schs
25-210 Westwood Hgts Sch Dist
81-150 Willow Run Pub Schs
41-026 Wyoming Pub Schs

V RURAL

46-020 Addison Comm Schs
58-020 Airport Comm Sch Dist
79-010 Akron Fairgrove Schs
03-140 Allegan Co Sch Dist 17
70-040 Allendale Pub Sch Dist
44-020 Almont Comm Schs
29-130 Arcada Twp Sch Dist 1F
29-170 Arcada Twp Sch Dist 6
29-020 Ashley Comm Schs
13-050 Athens Area Schs
80-020 Bangor Pub Schs
80-240 Bangor Twp Sch Dist 8
23-010 Bellevue Comm Schs
34-140 Berlin Twp Sch Dist 3F
34-150 Berlin Twp Sch Dist 5F
11-240 Berrien Springs Pub Sch Dist
73-170 Birch Run Area Sch Dist
32-220 Bloomfield Twp Sch Dist 4
32-230 Bloomfield Twp Sch Dist 5
32-250 Bloomfield Twp Sch Dist 7F
80-090 Bloomingdale Pub Sch Dist
11-210 Brandywine Pub Sch Dist
29-040 Breckenridge Comm Schs
11-340 Bridgman Pub Sch
46-050 Britton Macon Area Sch
12-020 Bronson Comm Sch Dist
76-060 Brown City Comm Sch Dist

Region 2, continued

V RURAL, continued

56-020	Bullock Creek Sch Dist	13-340	Fredonia Twp Sch Dist 2F
44-190	Burnside Twp Sch Dist 10F	73-200	Freeland Comm Sch Dist
75-020	Burr Oak Comm Sch Dist	29-050	Fulton Schs
41-040	Byron Center Pub Schs	11-160	Gallien Twp Sch
78-020	Byron Area Schs	03-440	Ganges Twp Sch Dist 4
41-050	Caledonia Comm Schs	80-110	Gobles Pub Sch Dist
30-010	Camden Frontier Sch	44-240	Goodland Twp Sch Dist 1
34-250	Campbell Twp Sch Dist 4	44-260	Goodland Twp Sch Dist 2
74-040	Capac Comm Sch Dist	44-270	Goodland Twp Sch Dist 3
59-020	Carson City Crystal Area S D	25-050	Goodrich Area Sch Dist
76-070	Carsonville Comm Sch Dist	38-050	Grass Lake Comm Schs
03-250	Casco Twp Sch Dist 4	39-065	Gull Lake Comm Schs
32-030	Caseville Pub Sch	03-100	Hamilton Comm Schs
79-030	Cass City Pub Schs	80-390	Hamilton Twp Sch Dist 6
41-070	Cedar Springs Pub Schs	38-100	Hanover Horton Schs
59-125	Central Montcalm Pub Schs	47-060	Hartland Cons Sch
75-030	Centreville Pub Sch Dist	73-210	Hemlock Pub Sch Dist
23-280	Chester Twp Sch Dist 3F	61-120	Holton Pub Schs
32-040	Church Sch	13-080	Homer Comm Schs
39-020	Climax Scotts Comm Schs	03-070	Hopkins Pub Sch
16-060	Clinton Comm Schs	46-080	Hudson Area Schs
56-030	Coleman Comm Sch Dist	58-070	Ida Pub Sch Dist
32-260	Colfax Twp Sch Dist 1F	44-060	Imlay City Comm Schs
32-270	Colfax Twp Sch Dist 2	34-360	Ionia Twp Sch Dist 2F
32-290	Colfax Twp Sch Dist 6	34-380	Ionia Twp Sch Dist 5
32-300	Colfax Twp Sch Dist 7	34-390	Ionia Twp Sch Dist 6
11-330	Coloma Comm Schs	58-080	Jefferson Cons Sch Dist
75-040	Colon Comm Sch Dist	70-175	Jenison Pub Schs
38-040	Columbia Sch Dist	30-030	Jonesville Comm Schs
38-080	Concord Comm Schs	41-150	Kent City Comm Schs
75-050	Constantine Pub Sch Dist	79-080	Kingston Comm Sch
75-130	Constantine Twp Sch Dist 5F	78-040	Laingsburg Comm Sch Dist
70-120	Coopersville Pub Sch Dist	25-200	Lake Fenton Sch
80-040	Covert Pub Schs	25-280	Lakeville Comm Sch Dist
33-040	Dansville Ag Sch	59-090	Lakeview Comm Schs
80-050	Decatur Pub Schs	34-090	Lakewood Pub Schs
76-090	Deckererville Comm Sch Dist	80-130	Lawrence Pub Sch Dist
46-070	Deerfield Pub Schs	80-140	Lawton Comm Sch Dist
08-010	Delton Kellogg Sch Dist	33-100	Leslie Pub Schs
81-050	Dexter Comm Sch Dist	32-390	Lincoln Twp Sch Dist 1
44-050	Dryden Comm Schs	81-070	Lincoln Cons Sch Dist
34-340	Easton Twp Sch Dist 6F	25-250	Linden Comm Sch Dist
11-250	Eau Claire Pub Sch Dist	30-040	Litchfield Comm Schs
13-060	Eckford Comm Schs	81-080	Manchester Pub Sch Dist
14-030	Edwardsburg Pub Schs	23-065	Maple Valley Sch Dist
32-050	Elkton Pigeon Bayport S D	14-050	Marcellus Comm Schs
03-050	Fennville Pub Schs	13-095	Mar Lee Cons Sch Dist
25-100	Fenton Area Pub Schs	76-140	Marlette Comm Sch Dist
19-070	Fowler Pub Schs	03-060	Martin Pub Schs
47-030	Fowlerville Comm Schs	58-090	Mason Cons Sch Dist
73-190	Frankenmuth Sch Dist	80-150	Mattawan Cons Sch Dist

Region 2, continued

V RURAL, continued

79-090	Mayville Comm Schs	32-450	Rubicon Twp Sch Dist 4
32-410	Meade Twp Sch Dist 3	46-130	Sand Creek Comm Schs
74-120	Memphis Comm Schs	76-210	Sandusky Comm Sch Dist
75-060	Mendon Comm Sch Dist	76-710	Sanilac Twp Sch Dist 1
56-050	Meridian Pub Sch Dist	34-120	Saranac Comm Sch Dist
73-230	Merrill Comm Sch Dist	03-080	Saugatuck Pub Schs
79-100	Millington Comm Schs	39-160	Schoolcraft Comm Schs
59-045	Montabella Comm S D	34-760	Sebewa Twp Sch Dist 1F
25-260	Montrose Twp Schs	34-800	Sebewa Twp Sch Dist 8
46-100	Morenci Area Schs	29-790	Seville Twp Sch Dist 4F
78-060	Morrice Area Schs	32-530	Sheridan Twp Sch Dist 4
75-300	Mottville Twp Sch Dist 3F	32-540	Sheridan Twp Sch Dist 5
38-130	Napoleon Sch Dist	32-510	Sheridan Twp Sch Dist 2F
78-070	New Lothrop Area Pub S D	32-610	Sigel Twp Sch Dist 3
13-580	Newton Twp Sch Dist 10F	32-620	Sigel Twp Sch Dist 4
30-050	North Adams Pub Schs	32-630	Sigel Twp Sch Dist 6
32-080	North Huron Schs	32-600	Sigel Twp Sch Dist 1F
34-480	North Plains Twp Sch Dist 1F	38-150	Springport Pub Sch
44-090	North Branch Area Schs	73-240	St Charles Comm Sch Dist
38-140	Northwest Sch Dist	33-200	Stockbridge Comm Schs
75-100	Nottawa Comm Sch	58-100	Summerfield Sch Dist
61-065	Oakridge Sch Dist	29-110	Sumner Elem Sch
23-080	Olivet Comm Schs	13-130	Tekonsha Comm Sch
46-110	Onsted Comm Schs	08-050	Thornapple Kellogg Sch Dist
34-510	Orange Twp Sch Dist 1F	59-080	Tri Co Area Schs
34-520	Orange Twp Sch Dist 3	32-170	Ubyly Comm Schs
34-530	Orange Twp Sch Dist 5	13-135	Union City Comm Sch Dist
34-540	Orange Twp Sch Dist 7	32-650	Verona Twp Sch Dist 1F
34-600	Orleans Twp Sch Dist 9	32-680	Verona Twp Sch Dist 5
34-610	Orleans Twp Sch Dist 10	59-150	Vestaburg Comm Schs
19-120	Ovid Elsie Area Schs	30-080	Waldron Area Schs
32-090	Owendale Gagetown Area S D	11-320	Watervliet Sch Dist
34-040	Palo Comm Sch Dist	03-040	Wayland Union Schs
76-180	Peck Comm Sch	33-220	Webberville Pub Schs
19-125	Pewamo-Westphalia Comm S D	70-070	West Ottawa Pub Sch Dist
47-080	Pinckney Comm Schs	38-010	Western Sch Dist
09-090	Pinconning Area Schs	75-070	White Pigeon Comm Sch Dist
30-060	Pittsford Rural Ag Schs	58-110	Whiteford Agri Sch Dist
32-120	Port Austin Pub Schs	81-140	Whitmore Lake Pub Sch Dist
32-130	Port Hope Comm Schs	74-130	Yale Pub Sch Dist
34-700	Portland Twp Sch Dist 4F		
34-710	Portland Twp Sch Dist 5F		
12-040	Quincy Comm Sch Dist		
61-210	Ravenna Pub Schs		
30-070	Reading Comm Schs		
32-140	Red School		
79-110	Reese Pub Schs		
11-033	River Valley Sch Dist		
29-090	Riverdale Elem Sch		
34-750	Ronald Twp Sch Dist 8		
	Roxand Twp Sch Dist 12		

Region 3

I METROPOLITAN CORE CITIES

(none)

Region 3, continued

II CITIES

04-010 Alpena City Sch Dist
83-010 Cadillac Area Pub Schs
37-010 Mt Pleasant City Sch Dist
28-010 Traverse City Pub Sch Dist

III TOWNS

54-010 Big Rapids Pub Schs
15-050 Charlevoix Pub Sch Dist
16-015 Cheboygan Area Schs
18-010 Clare Pub Schs
62-040 Fremont Pub Sch Dist
69-020 Gavlord Comm Schs
26-040 Gladwin Comm Schs
53-040 Ludington Area Sch Dist
51-070 Manistee City Schs
24-070 Petoskey Sch Dist
71-080 Rogers Union Sch Dist
35-030 Tawas Area Schs
15-025 Twin Valley Pub Sch Dist

IV URBAN FRINGE

(none)

V RURAL

05-010 Alba Pub Sch
01-010 Alcona Comm Schs
06-010 Arenac Eastern Sch Dist
60-010 Atlanta Comm Schs
06-020 Au Gres Sims Sch Dist
43-040 Baldwin Pub Sch Dist
37-040 Beal City Sch
51-020 Bear Lake Sch
15-010 Beaver Island Comm Schs
26-010 Beaverton Rural Schs
05-040 Bellaire Pub Sch
64-010 Benona Comm Sch Dist
10-015 Benzie Co Central Schs
62-470 Big Jackson Sch Dist
15-030 Boyne Falls Pub Sch Dist
28-035 Buckley Comm Sch Dist
15-035 Central Lake Pub Sch
69-070 Chester Twp Sch Dist 1
54-025 Chippewa Hills Sch Dist
57-100 Clam Union Twp Sch Dist 2

54-100 Colfax Twp Sch Dist 3F
68-030 Conins Twp Sch Dist
20-015 Crawford AuSable Schs
24-010 Cross Village Sch Dist
64-020 Elbridge Comm Sch Dist
05-060 Elk Rapids Schs
15-065 Ellsworth Comm Sch
67-020 Ewart Pub Sch
40-060 Excelsior Twp Sch Dist 1
57-010 Falmouth Elem Sch Dist
18-020 Farwell Area Schs
64-030 Ferry Comm Sch Dist
28-060 Fife Lake Comm Sch Dist
10-025 Frankfort Area Schs
53-030 Freesoil Comm Sch Dist
40-110 Garfield Twp Sch Dist 3F
72-010 Gerrish Higgins Sch Dist
45-010 Glen Lake Comm Sch Dist
64-050 Golden Comm Sch Dist
54-140 Grant Twp Sch Dist 2
62-050 Grant Pub Sch Dist
28-220 Green Lake Twp Sch Dist 1F
35-020 Hale Area Schs
24-020 Harbor Springs Sch Dist
18-060 Harrison Comm Schs
64-040 Hart Pub Sch Dist
62-060 Hesperia Comm Sch Dist
60-020 Hillman Comm Schs
72-020 Houghton Lake Comm Schs
16-050 Inland Lakes Sch Dist
69-030 Johannesburg-Central Sch
51-045 Kaleva Norman Dickson Schs
40-040 Kalkaska Pub Schs
28-090 Kingsley Area Sch Dist
57-020 Lake City Area Sch Dist
45-020 Leland Pub Sch Dist
24-030 Littlefield Pub Sch Dist
16-070 Mackinaw City Pub Schs
05-070 Mancelona Pub Sch
83-060 Manton Cons Sch Dist
67-050 Marion Pub Sch
53-010 Mason Co Central Sch Dist
53-020 Mason Co Eastern Sch Dist
57-030 McBain Rural Ag Sch Dist
83-070 Mesick Cons Sch Dist
68-010 Mio Au Sable Sch
54-040 Morley Starwood Comm Schs
62-070 Newaygo Pub Sch Dist
45-040 Northport Pub Sch Dist
40-140 Oliver Twp Sch Dist 2
71-050 Onaway Area Comm Sch Dist
51-060 Onekema Cons Sch

Region 3, continued

V RURAL, continued

35-010 Oscoda Area Schs
24-040 Pellston Pub Sch Dist
64-070 Pentwater Pub Sch Dist
67-055 Pine River Area Schs
62-080 Pineview Sch Dist
71-060 Posen Cons Sch Dist
67-060 Reed City Pub Schs
40-020 S Boardman Area Sch
64-080 Shelby Pub Sch Dist
37-060 Shepherd Pub Sch Dist
72-040 St Helen Sch Dist
06-050 Standish Sterl Comm Sch Dist
45-050 Suttons Bay Pub Sch Dist
69-040 Vanderbilt-Area Sch
65-045 W Branch Rose City Area Schs
64-090 Walkerville Rural Comm S D
64-095 Weare Crystal Comm Sch Dist
62-090 White Cloud Pub Schs
35-040 Whittemore Prescott Area S D
16-100 Wolverine Comm Sch Dist

22-025 Norway Vulcan Area Schs
66-050 Ontonagon Area Schools
31-110 Portage Twp Sch Dist
49-010 St Ignace City Sch Dist
48-040 Tahquamenon Area Schs
27-070 Wakefield Twp Sch Dist
36-025 West Iron County Sch Dist

IV URBAN FRINGE

(none)

V RURAL

31-020 Adams Twp Sch Dist
42-010 Allouez Twp Schs
07-010 Arvon Twp Sch Dist
02-010 Autrain Twp Sch
07-020 Baraga Twp Sch Dist
21-090 Bark River Harris Sch Dist
66-010 Bergland Comm Sch Dist
27-030 Bessemer Twp Sch Dist
21-065 Big Bay De Noc Sch Dist
49-020 Bois Blanc Pines Sch Dist
21-030 Brampton Twp Sch Dist
49-030 Brevort Twp Sch Dist
17-140 Brimley Pub Schs
02-020 Burt Twp Sch
31-030 Calumet Pub Sch Dist
31-040 Calumet Twp Sch Dist 2
55-010 Carney Nadeau Pub Schs
52-010 Champion-Humboldt Spurr S D
31-050 Chassell Twp Sch Dist
52-020 Chocolay Twp Sch Dist
07-030 Covington Sch Dist
21-040 Delta Co Sch Dist 7
17-050 Detour Twp Sch
31-070 Elm River Twp Sch
52-030 Ely Twp Sch Dist
49-055 Engadine Cons Schs
66-045 Ewen Trout Creek Cons S D
21-100 Flat Rock Public Sch Dist
52-040 Forsyth Sch Dist
42-030 Grant Twp Schs
55-060 Hermansville Pub Sch
52-050 Ishpeming Twp Sch Dist
49-040 Les Cheneaux Comm Sch Dist
02-050 Limestone Twp Sch
49-110 Mackinac Island Pub Sch Dist
27-060 Marenisco Sch Dist

Region 4

I METROPOLITAN CORE CITIES

(none)

II CITIES

21-010 Escanaba Area Pub Schs
27-020 Ironwood Area Schs
52-170 Marquette City Sch Dist
55-100 Menominee Area Pub Sch
17-010 Sault Ste Marie Area Schs

III TOWNS

27-010 Bessemer City Sch Dist
22-030 Breitung Township Sch Dist
36-015 Forest Park Sch Dist
21-020 Gladstone Pub Sch Dist
31-010 Hancock City Sch Dist
22-010 Iron Mountain City Sch Dist
52-180 Ishpeming Pub Sch Dist
07-040 L'aise Twp Sch Dist
31-130 Lake Linden Hubball Sch Dist
77-010 Manistique Area Schs
02-070 Munising Pub Schs
10 Negaunee Sch Dist

Region 4, continued

V RURAL, continued

52-060 Marquette Twp Sch Dist
02-060 Mathias Twp Sch
49-070 Moran Twp Sch Dist
52-080 National Mine Sch Dist
22-045 North Dickinson Co Sch Dist
31-100 Osceola Twp Sch Dist
17-090 Pickford Pub Schs
52-100 Powell Twp Sch Dist
55-110 Powers Spalding Pub Sch
21-060 Rapid River Pub Schs
52-110 Republic Michigamme Schs
21-130 Rock Pub Sch Dist
02-080 Rock River Twp Sch
17-110 Rudyard Twp Sch
52-130 Sands Twp Sch Dist
52-140 Skandia Sch Dist
49-100 St Ignace Twp Sch Dist
31-140 Stanton Twp Sch Dist
55-120 Stephenson Area Pub Schs
27-080 Watersmeet Twp Sch Dist
52-160 Wells Twp Sch Dist
66-070 White Pine Sch Dist
17-160 Whitefish Sch