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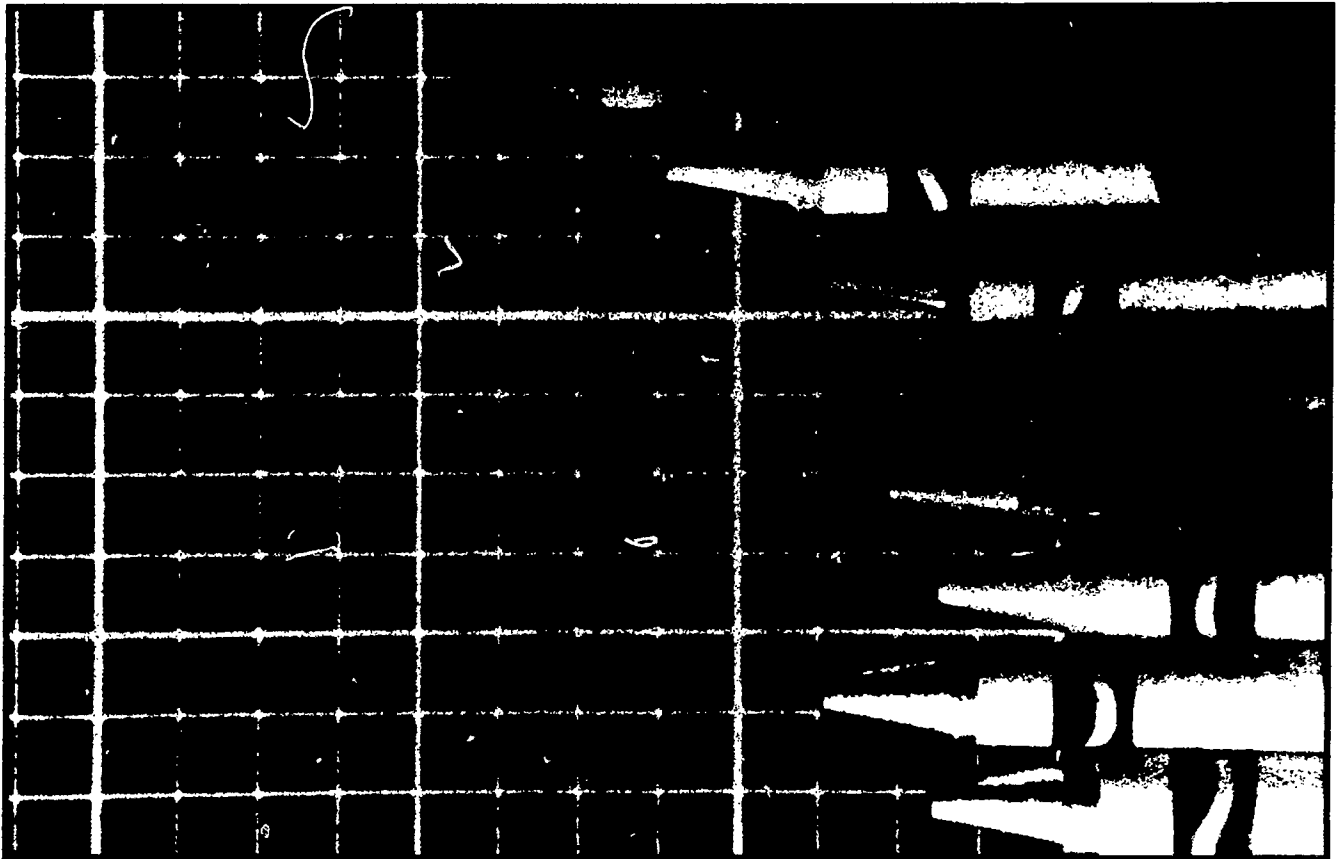
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ABSTRACT

Statistical information is presented in a series of corresponding graphs and tables reflecting important trends in public elementary and secondary education in Michigan. The report covers the following major areas: (1) pupils, including student characteristics and enrollment (37 tables and graphs); (2) outcomes of education, including achievement test and college entrance examination results (30 tables and graphs); (3) staff, including numbers and characteristics of teachers (27 tables and graphs); (4) finance, including revenue and expenditures (12 tables and graphs); (5) management, including a variety of information about administration (25 tables and graphs); and (6) context, including population and economic information (9 tables and graphs). (SLD)

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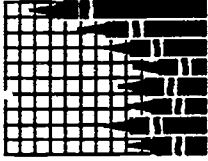
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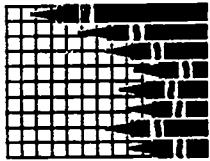


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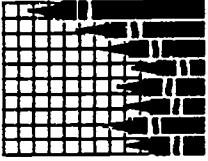
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Total Number of Topics/Graphs 140



FOREWORD

The State Board of Education and the Michigan Department of Education, along with Governor John Engler, have a strong and continuing interest in improving the information available to educators and others for planning and policy making. "Condition of Michigan Education" has been prepared for this purpose.

This document is a graphic presentation of statistical data reflecting the important trends taking place in Michigan education. The report covers six major areas: pupils; outcomes; staff; finance; management; and context.

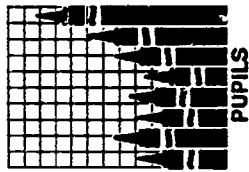
The data presented were compiled from numerous departmental and local sources. This "Condition of Michigan Education" report will be updated periodically to further track educational trends and conditions.

A companion document, "Reflections on the Condition of Michigan Education," will present an interpretation of the data from various educational organizations. It will also highlight the progress Michigan is making toward achieving the six National Education Goals.

We welcome your comments.



Dr. Robert E. Schiller
Superintendent
of Public Instruction



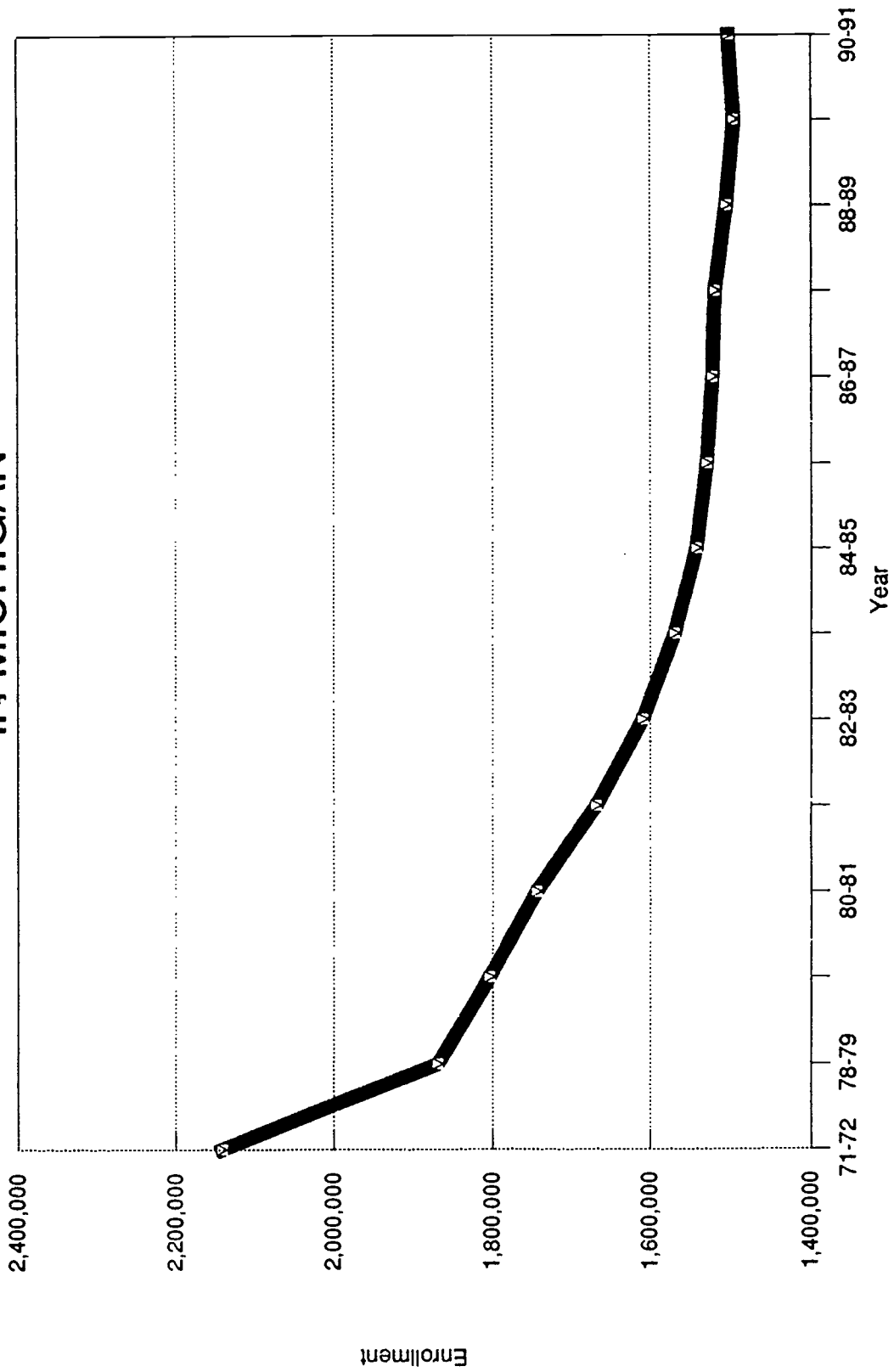
K-12 PUBLIC SCHOOL ENROLLMENT IN MICHIGAN

Michigan's K-12 public school enrollment peaked in 1971-72 with a total of 2,141,761. Public school enrollment declined by 645,785 or 30.2% between 1971-72 and 1989-90. In the

1990-91 school year, however, the total number of public school students in grades K-12 increased by 6,601 or 0.4% from the preceding year.

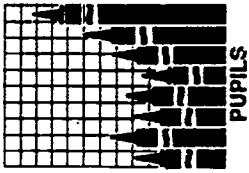
Year	Total	Change from Previous Year	
		Number	Percent
1971-72	2,141,761		
1978-79	1,869,811	-271,950	-12.7
1979-80	1,804,658	-65,153	-3.5
1980-81	1,743,677	-60,981	-3.4
1981-82	1,668,330	-75,347	-4.3
1982-83	1,609,964	-58,366	-3.5
1983-84	1,569,441	-40,523	-2.5
1984-85	1,542,257	-27,184	-1.7
1985-86	1,529,626	-12,631	-.8
1986-87	1,522,930	-6,696	-.4
1987-88	1,519,742	-3,188	-.2
1988-89	1,505,108	-14,634	-1.0
1989-90	1,495,976	-9,132	-.6
1990-91	1,502,577	6,601	.4

K-12 PUBLIC SCHOOL ENROLLMENT IN MICHIGAN



Source: Fourth Findlay Following Labor Day Membership Count
Department Services, Michigan Department of Education





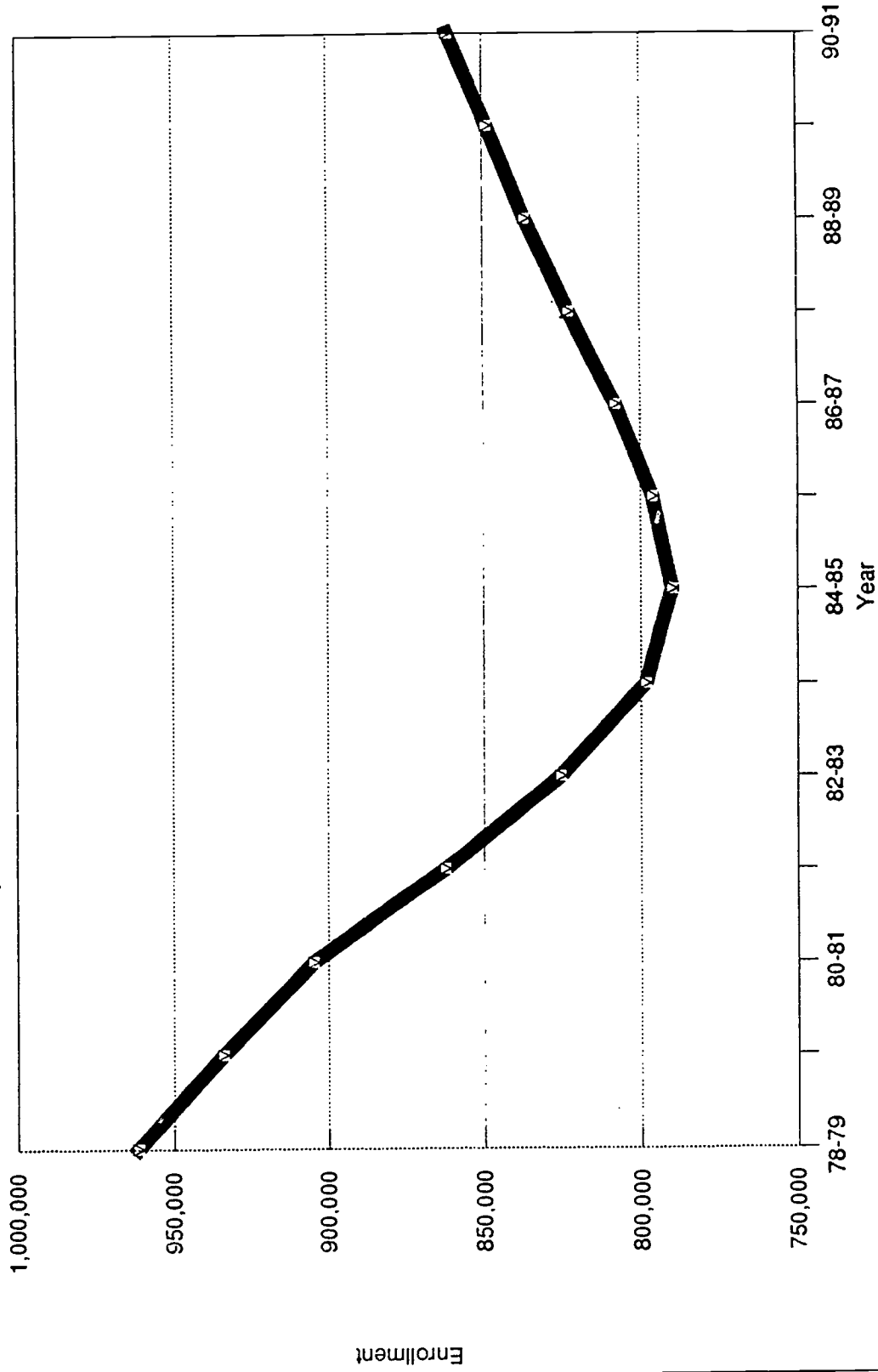
PUBLIC ELEMENTARY SCHOOL ENROLLMENT (GRADES K-6) IN MICHIGAN

The total number of public elementary school students (Grades K-6) in Michigan was 861,452 in the 1990-91 school year. Between 1978-79 and 1984-85 the number of elementary

school students decreased by 171,689 or 17.9%. However, between 1984-85 and 1990-91 the number of elementary school students increased by 71,320 or 9.0%.

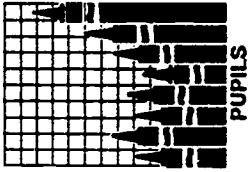
Year	Total	Change from Previous Year	
		Number	Percent
1978-79	961,821		
1979-80	934,177	-27,644	-2.9
1980-81	904,829	-29,348	-3.1
1981-82	862,549	-42,280	-4.7
1982-83	825,502	-37,047	-4.3
1983-84	798,457	-27,045	-3.3
1984-85	790,132	-8,325	-1.0
1985-86	796,256	6,124	.8
1986-87	808,053	11,797	1.5
1987-88	822,857	14,804	1.8
1988-89	836,775	13,918	1.7
1989-90	848,833	12,058	1.4
1990-91	861,452	12,619	1.5

PUBLIC ELEMENTARY SCHOOL ENROLLMENT (GRADES K-6) IN MICHIGAN



Source: Fourth Friday Following Labor Day Membership Count
Department Services, Michigan Department of Education





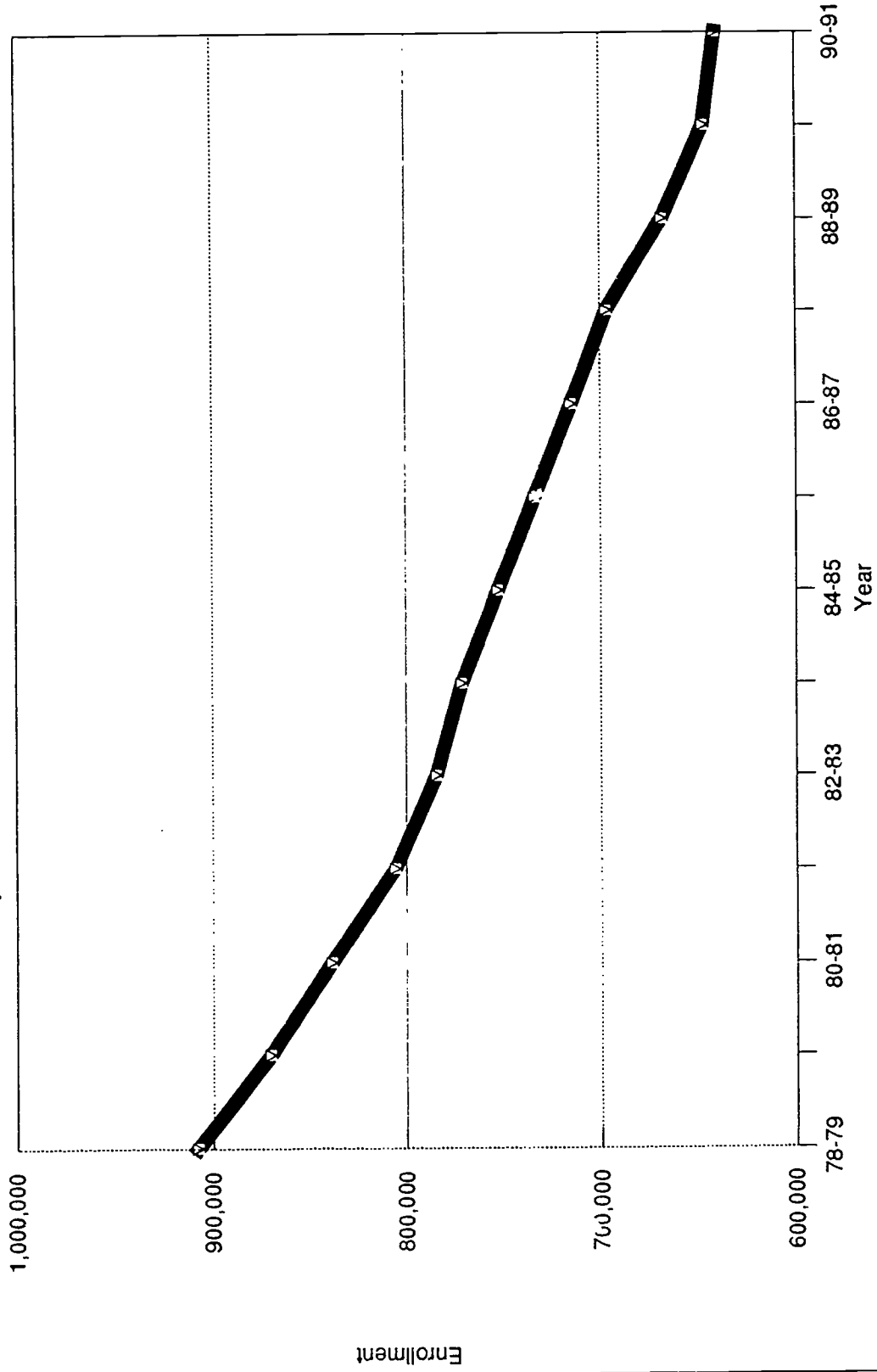
PUBLIC SECONDARY SCHOOL ENROLLMENT (GRADES 7-12) IN MICHIGAN

The total number of public secondary school students (Grades 7-12) in Michigan was 641,125 in the 1990-91 school year.

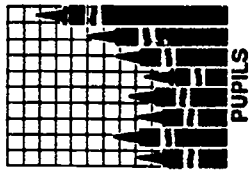
The number of secondary school students decreased by 266,865 or 29.4% between 1978-79 and 1990-91.

Year	Total	Change from Previous Year	
		Number	Percent
1978-79	907,990		
1979-80	870,481	-37,509	-4.1
1980-81	838,848	-31,633	-3.6
1981-82	805,781	-33,067	-3.9
1982-83	784,462	-21,319	-2.6
1983-84	770,984	-13,478	-1.7
1984-85	752,125	-18,859	-2.4
1985-86	733,370	-18,755	-2.5
1986-87	714,877	-18,493	-2.5
1987-88	696,885	-17,992	-2.5
1988-89	668,333	-28,552	-4.1
1989-90	647,143	-21,190	-3.2
1990-91	641,125	-6,018	-.9

PUBLIC SECONDARY SCHOOL ENROLLMENT (GRADES 7-12) IN MICHIGAN



Source: Fourth Friday Following Labor Day Membership Count
Department Services, Michigan Department of Education



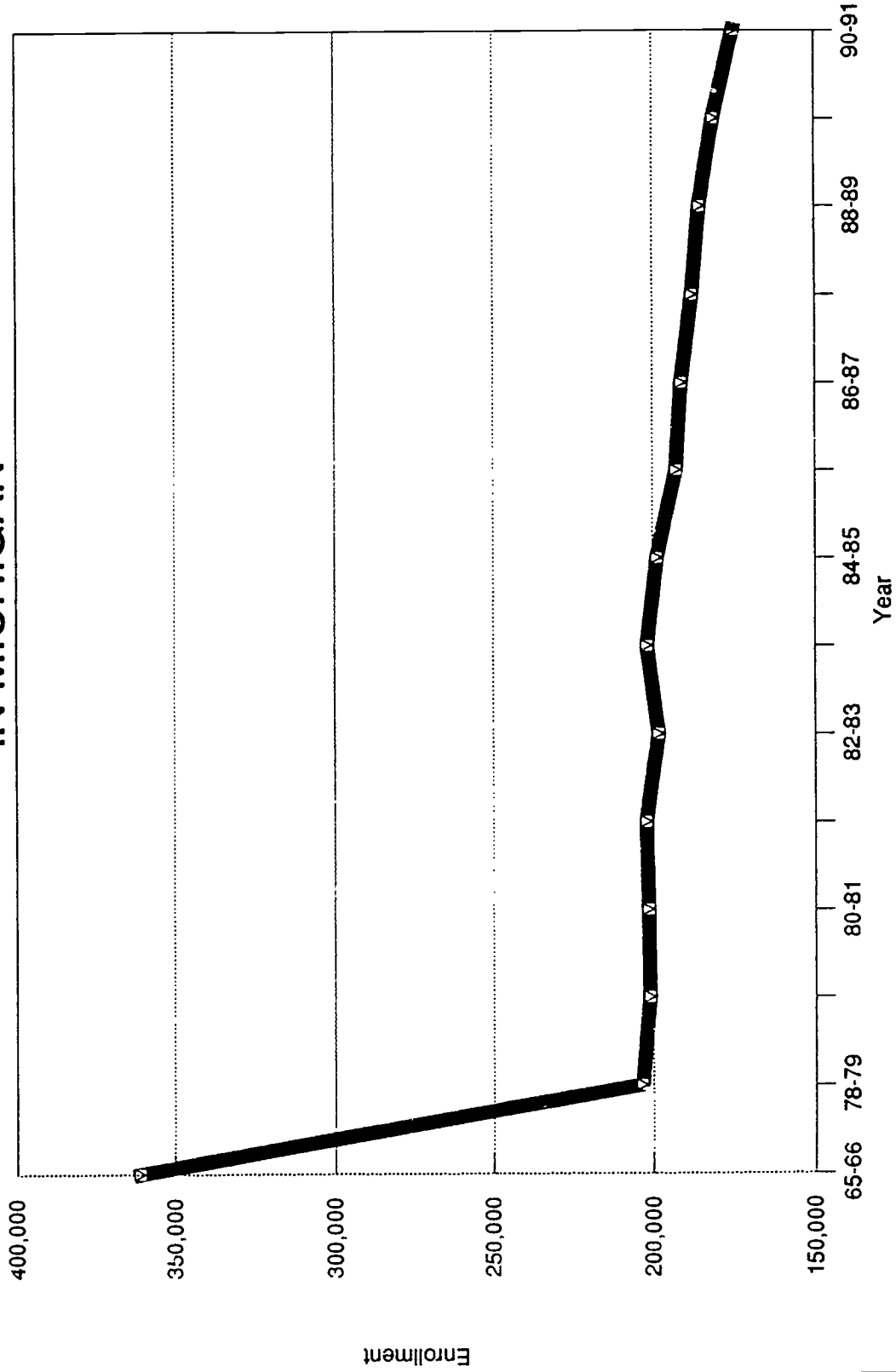
K-12 NONPUBLIC SCHOOL ENROLLMENT IN MICHIGAN

Michigan's K-12 nonpublic school enrollment peaked in 1965-66 with a total of 361,348. In the 1990-91 school year the nonpublic schools enrolled a total of 175,206 students in grades K-12. Nonpublic school enrollment decreased by

186,142 or 51.5% during the period between 1965-66 and 1990-91. It should be noted that a small percent of nonpublic schools do not submit student enrollment data to the Michigan Department of Education.

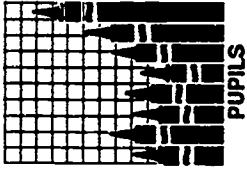
Year	Total	Change from Previous Year	
		Number	Percent
1965-66	361,348		
1978-79	203,480	-157,868	-43.7
1979-80	201,129	-2,351	-1.2
1980-81	201,538	409	.2
1981-82	202,145	607	.3
1982-83	198,350	-3,795	-1.9
1983-84	201,800	3,450	1.7
1984-85	198,878	-2,922	-1.4
1985-86	192,848	-6,030	-3.0
1986-87	191,416	-1,432	-.7
1987-88	187,968	-3,448	-1.8
1988-89	185,641	-2,327	-1.2
1989-90	181,296	-4,345	-2.3
1990-91	175,206	-6,090	-3.4

K-12 NONPUBLIC SCHOOL ENROLLMENT IN MICHIGAN



Source: Information, Research and Evaluation Services
Michigan Department of Education





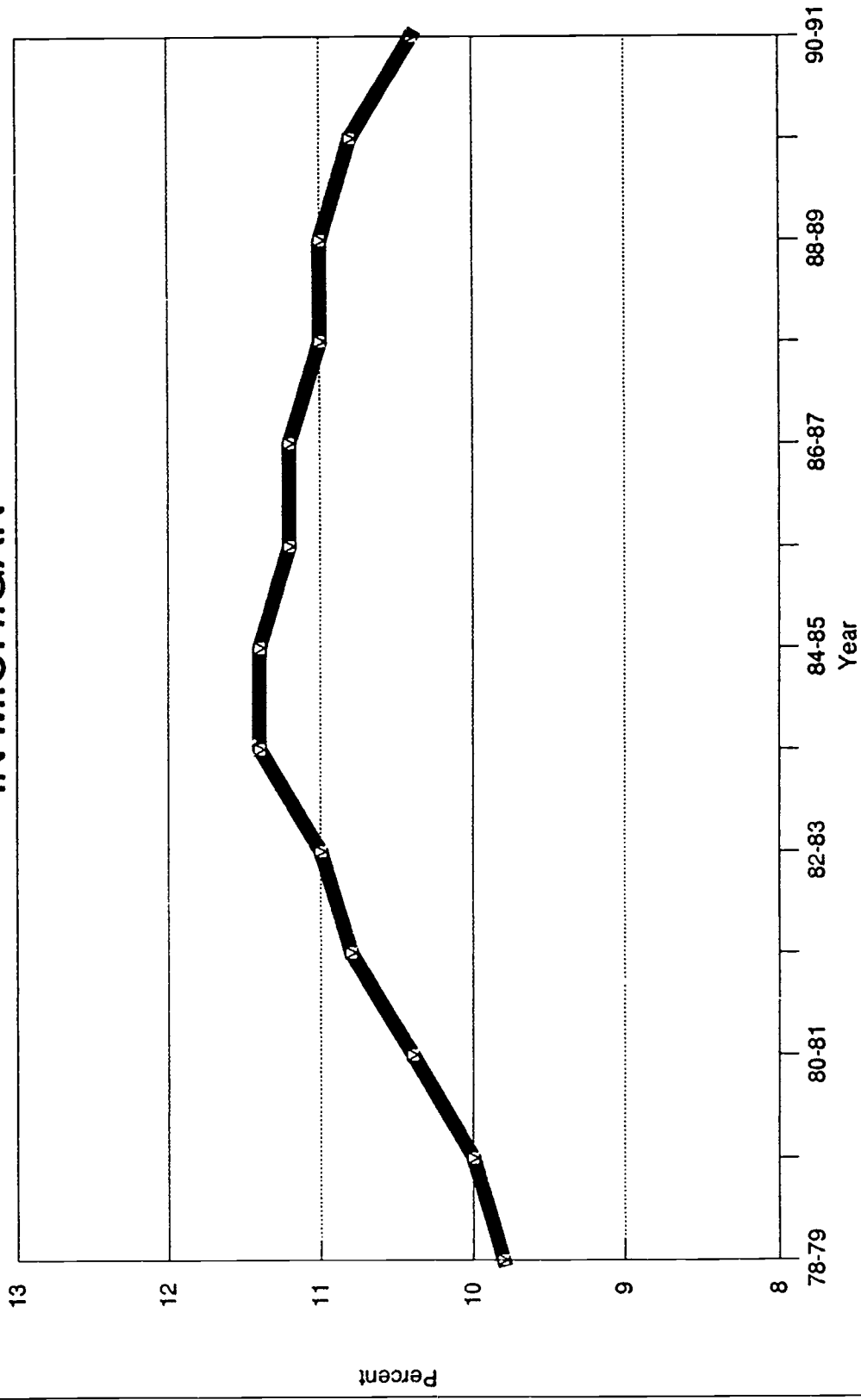
NONPUBLIC SCHOOL ENROLLMENT AS PERCENT OF TOTAL K-12 ENROLLMENT IN MICHIGAN

In the 1990-91 school year the nonpublic schools in Michigan enrolled 10.4% of the total number of students in grades K-12. Between 1978-79 and 1990-91 the percentage of K-12

nonpublic school enrollment of the total K-12 enrollment in Michigan ranged from a low of 9.8% in 1978-79 to a peak of 11.4% in 1983-84 and 1984-85.

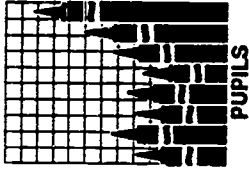
Year	Percent
1978-79	9.8
1979-80	10.0
1980-81	10.4
1981-82	10.8
1982-83	11.0
1983-84	11.4
1984-85	11.4
1985-86	11.2
1986-87	11.2
1987-88	11.0
1988-89	11.0
1989-90	10.8
1990-91	10.4

NONPUBLIC SCHOOL ENROLLMENT AS PERCENT OF TOTAL K-12 ENROLLMENT IN MICHIGAN



Source: Information, Research and Evaluation Services
Michigan Department of Education





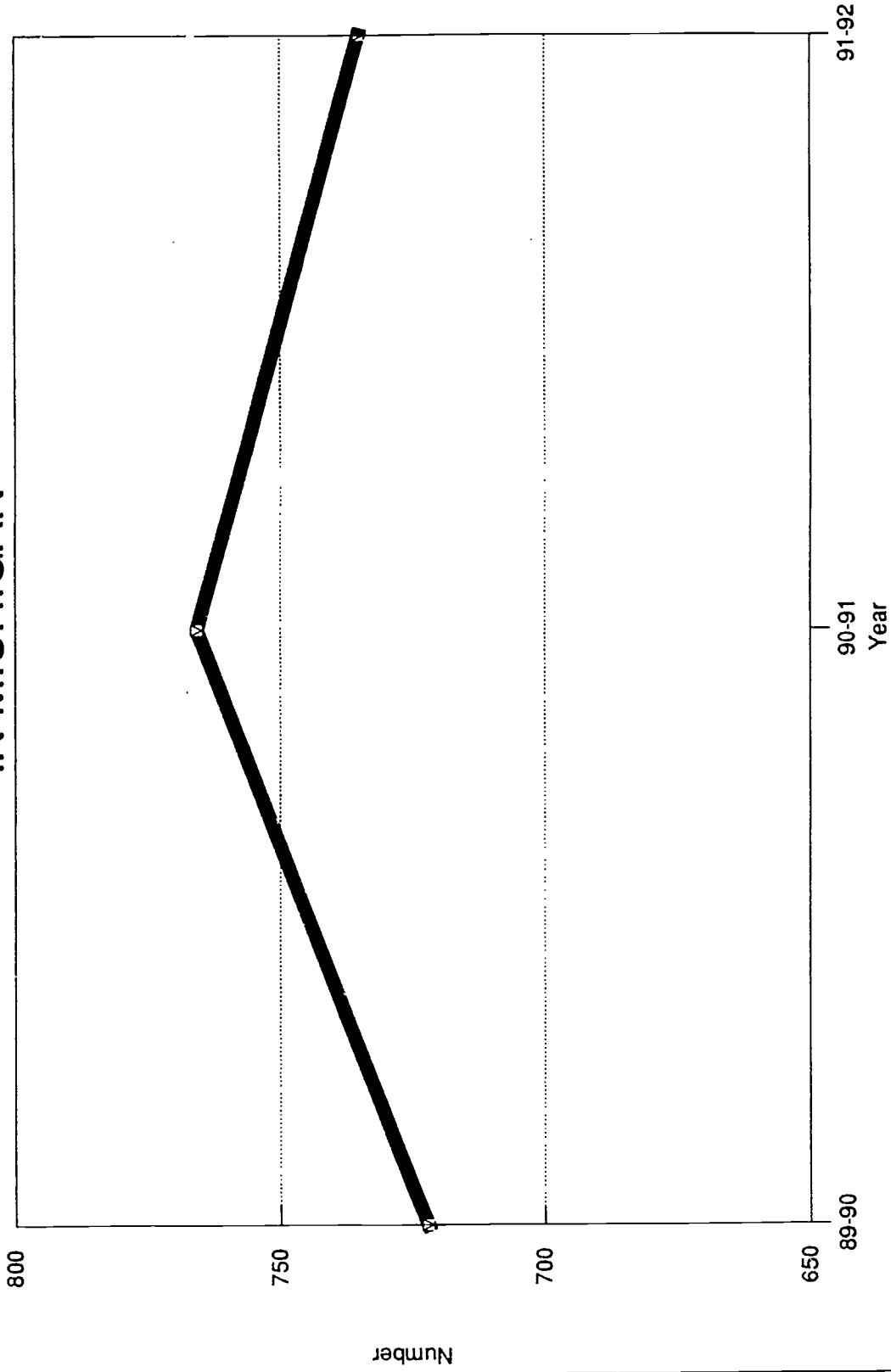
K-12 HOME SCHOOL ENROLLMENT IN MICHIGAN

The total number of students in Michigan served by home education programs that met the State's legal reporting requirements (home schools) was 735 in January of the

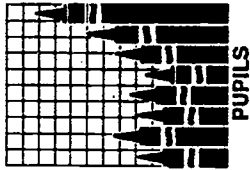
1991-92 school year. The number of students served by home education programs meeting the reporting requirements decreased by 31 or 4.0% from the previous year.

Year	Total	Change from Previous Year	
		Number	Percent
1989-90	722		
1990-91	766	44	6.1
1991-92	735	-31	-4.0

K-12 HOME SCHOOL ENROLLMENT IN MICHIGAN



Source: Office of Information, Research and Evaluation Services
Michigan Department of Education



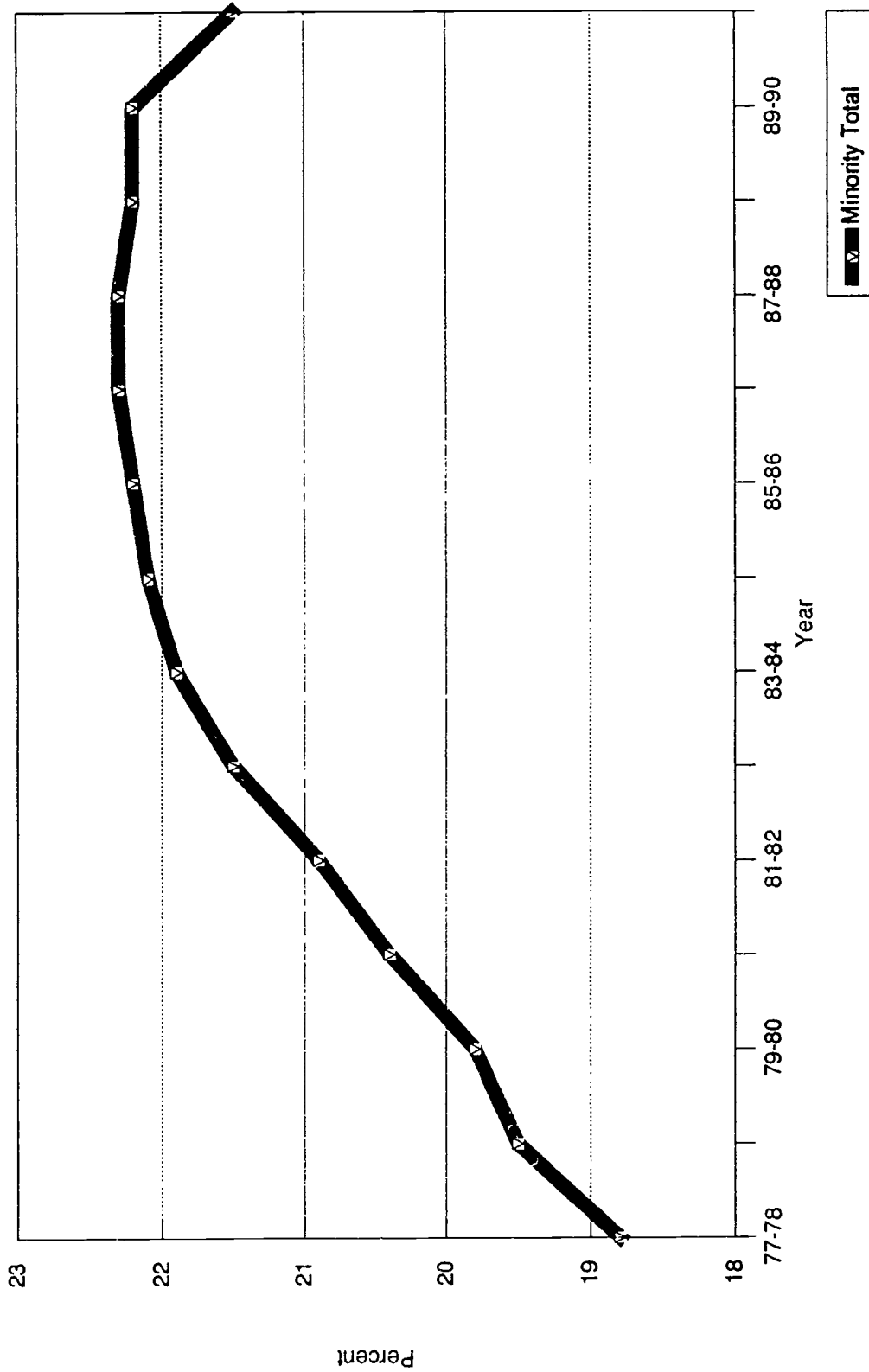
RACIAL-ETHNIC DISTRIBUTION OF STUDENTS SERVED BY MICHIGAN PUBLIC SCHOOLS (PREKINDERGARTEN-12)

Michigan public schools serve students from various racial-ethnic and cultural backgrounds. In the 1990-91 school year, the statewide distribution by racial-ethnic group of 1,532,395 students (Pre-K-12) served by Michigan public schools was as follows: American Indian-1.0%; Asian American-1.2%; Black-17.0%; Hispanic-2.3% and White-

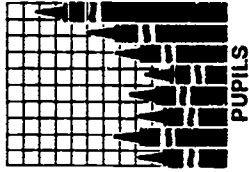
78.4%. Between 1977-78 and 1990-91, the following changes occurred in the distribution of students by racial-ethnic group: The percentage of American Indian students did not change; Asian American students increased by 0.7%; Black students increased by 1.3%; Hispanic students increased by 0.7%; and White students decreased by 2.8%.

Year	American Indian %	Asian American %	Black %	Hispanic %	White %
1977-78	1.0	.5	15.7	1.6	81.2
1978-79	1.1	.6	16.1	1.7	80.5
1979-80	.9	.6	16.5	1.8	80.2
1980-81	.9	.7	16.9	1.9	79.6
1981-82	.9	.8	17.4	1.8	79.1
1982-83	.8	.9	17.9	1.9	78.5
1983-84	1.0	.9	18.1	1.9	78.1
1984-85	.9	.9	18.3	2.0	77.9
1985-86	.9	.9	18.3	2.1	77.8
1986-87	.9	1.0	18.3	2.1	77.7
1987-88	.9	1.1	18.2	2.1	77.7
1988-89	.9	1.1	18.0	2.2	77.8
1989-90	.9	1.2	17.8	2.3	77.8
1990-91	1.0	1.2	17.0	2.3	78.4

RACIAL-ETHNIC DISTRIBUTION OF STUDENTS SERVED BY MICHIGAN PUBLIC SCHOOLS (PREKINDERGARTEN - 12)



Source: Information, Research and Evaluation Services
Michigan Department of Education



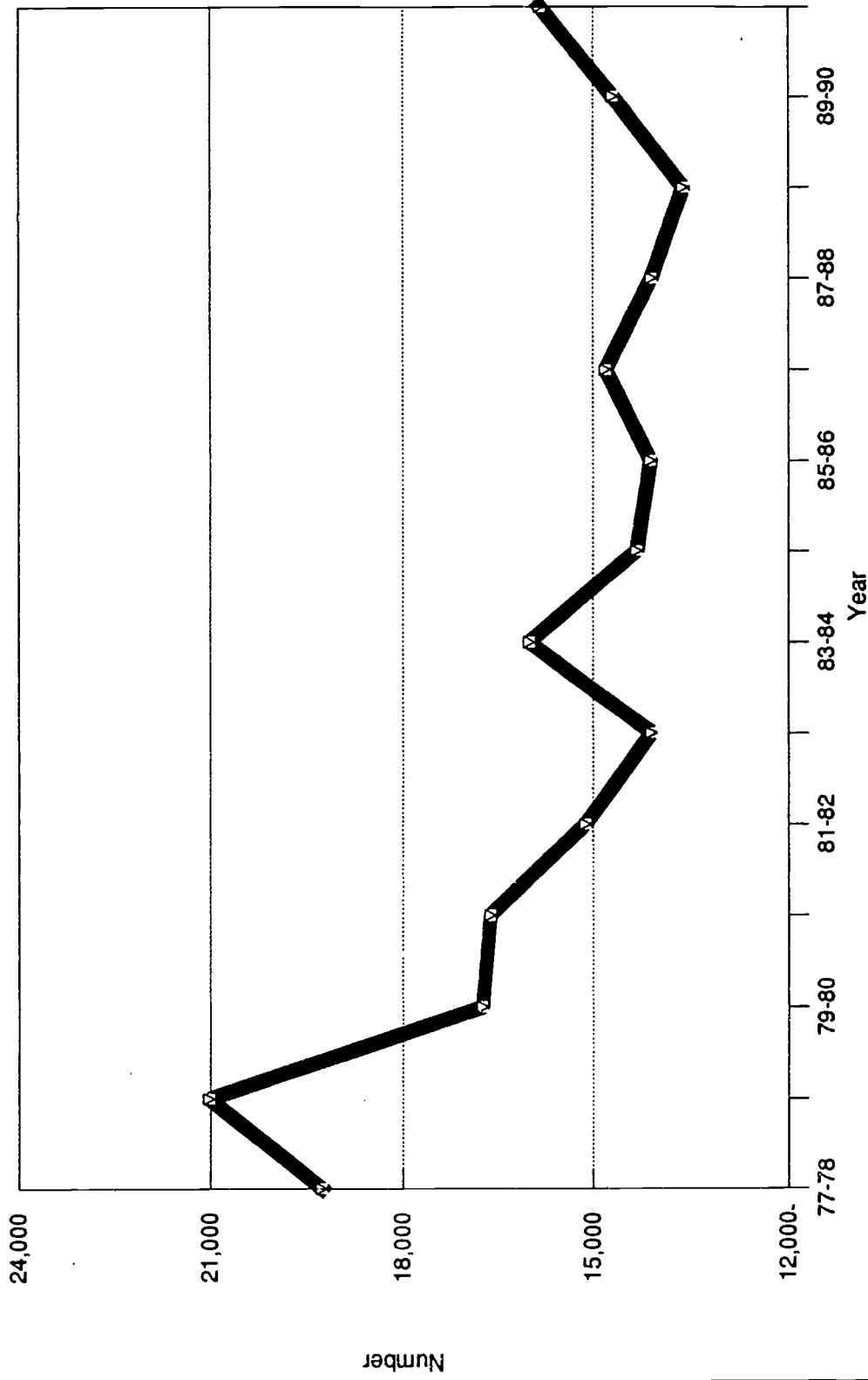
NUMBER OF AMERICAN INDIAN STUDENTS ENROLLED IN MICHIGAN PUBLIC SCHOOLS (PREKINDERGARTEN-12)

The total number of American Indian students enrolled in Michigan public schools was 15,842 in the 1990-91 school

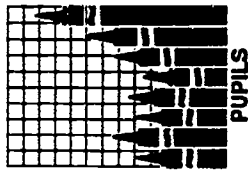
year. The number of American Indian students decreased by 3,437 or 17.3% between 1977-78 and 1990-91.

Year	Total	Change from Previous Year	
		Number	Percent
1977-78	19,279		
1978-79	21,025	1,746	9.1
1979-80	16,739	-4,286	-20.4
1980-81	16,618	-121	-.7
1981-82	15,118	-1,500	-9.0
1982-83	14,110	-1,008	-6.7
1983-84	16,005	1,895	13.4
1984-85	14,334	-1,671	-10.4
1985-86	14,126	-208	-1.5
1986-87	14,814	688	4.9
1987-88	14,110	-704	-4.8
1988-89	13,628	-482	-3.4
1989-90	14,707	1,079	7.9
1990-91	15,842	1,135	7.7

NUMBER OF AMERICAN INDIAN STUDENTS ENROLLED IN MICHIGAN PUBLIC SCHOOLS (PREKINDERGARTEN - 12)



Source: Information, Research and Evaluation Services
Michigan Department of Education



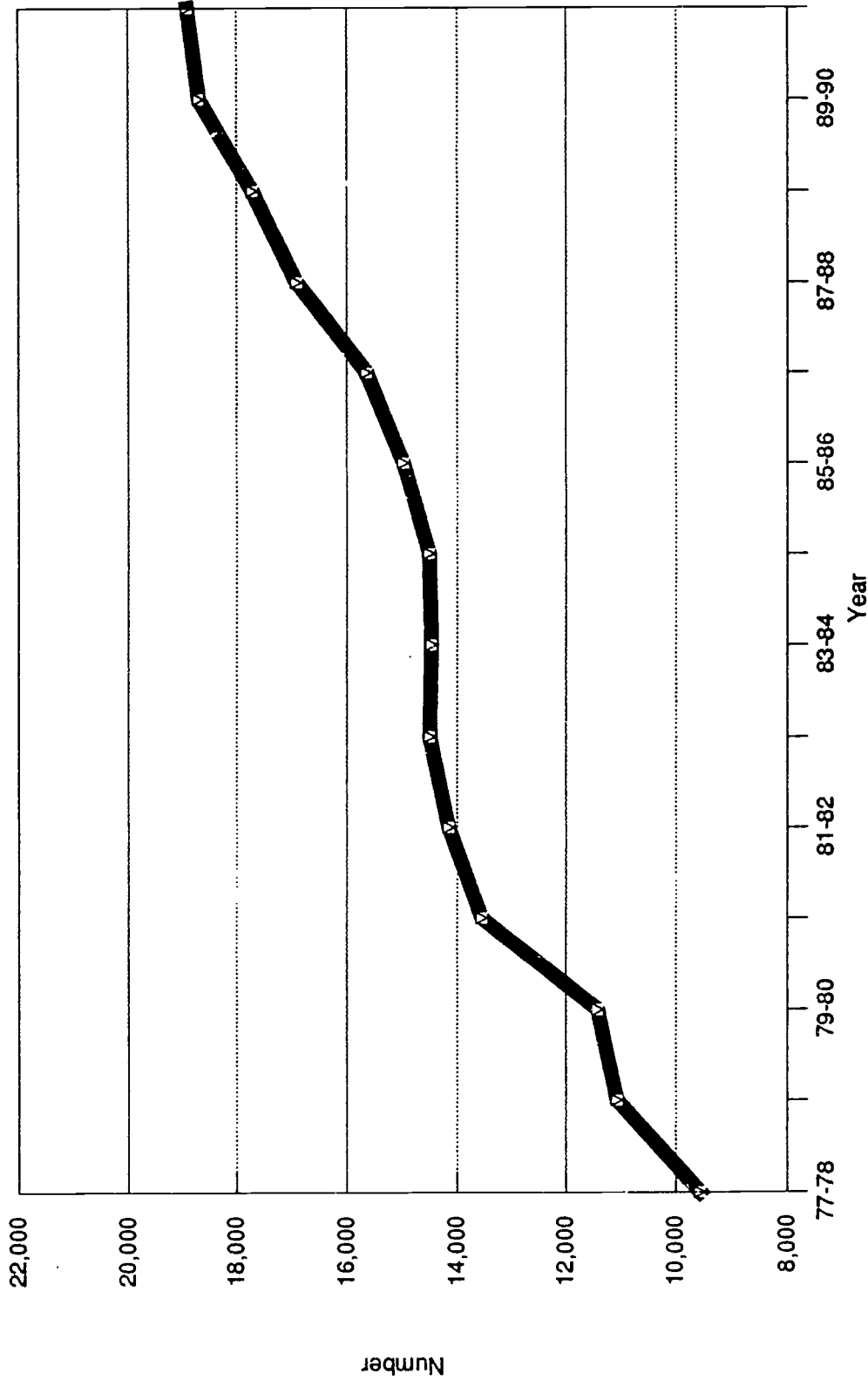
NUMBER OF ASIAN AMERICAN STUDENTS ENROLLED IN MICHIGAN PUBLIC SCHOOLS (PREKINDERGARTEN-12)

The total number of Asian American students enrolled in Michigan public schools was 18,904 in the 1990-91 school

year. The number of Asian American students increased by 9,348 or 97.8% between 1977-78 and 1990-91.

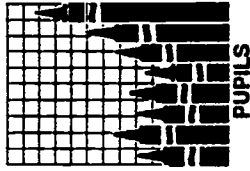
Year	Total	Change from Previous Year	
		Number	Percent
1977-78	9,556		
1978-79	11,070	1,514	15.8
1979-80	11,420	350	3.2
1980-81	13,552	2,132	18.7
1981-82	14,159	607	4.5
1982-83	14,496	337	2.4
1983-84	14,467	-29	-.2
1984-85	14,514	47	.3
1985-86	14,974	460	3.2
1986-87	15,638	664	4.4
1987-88	16,903	1,265	8.1
1988-89	17,712	809	4.8
1989-90	18,698	986	5.6
1990-91	18,904	206	1.1

NUMBER OF ASIAN AMERICAN STUDENTS ENROLLED IN MICHIGAN PUBLIC SCHOOLS (PREKINDERGARTEN - 12)



Source: Information, Research and Evaluation Services
Michigan Department of Education



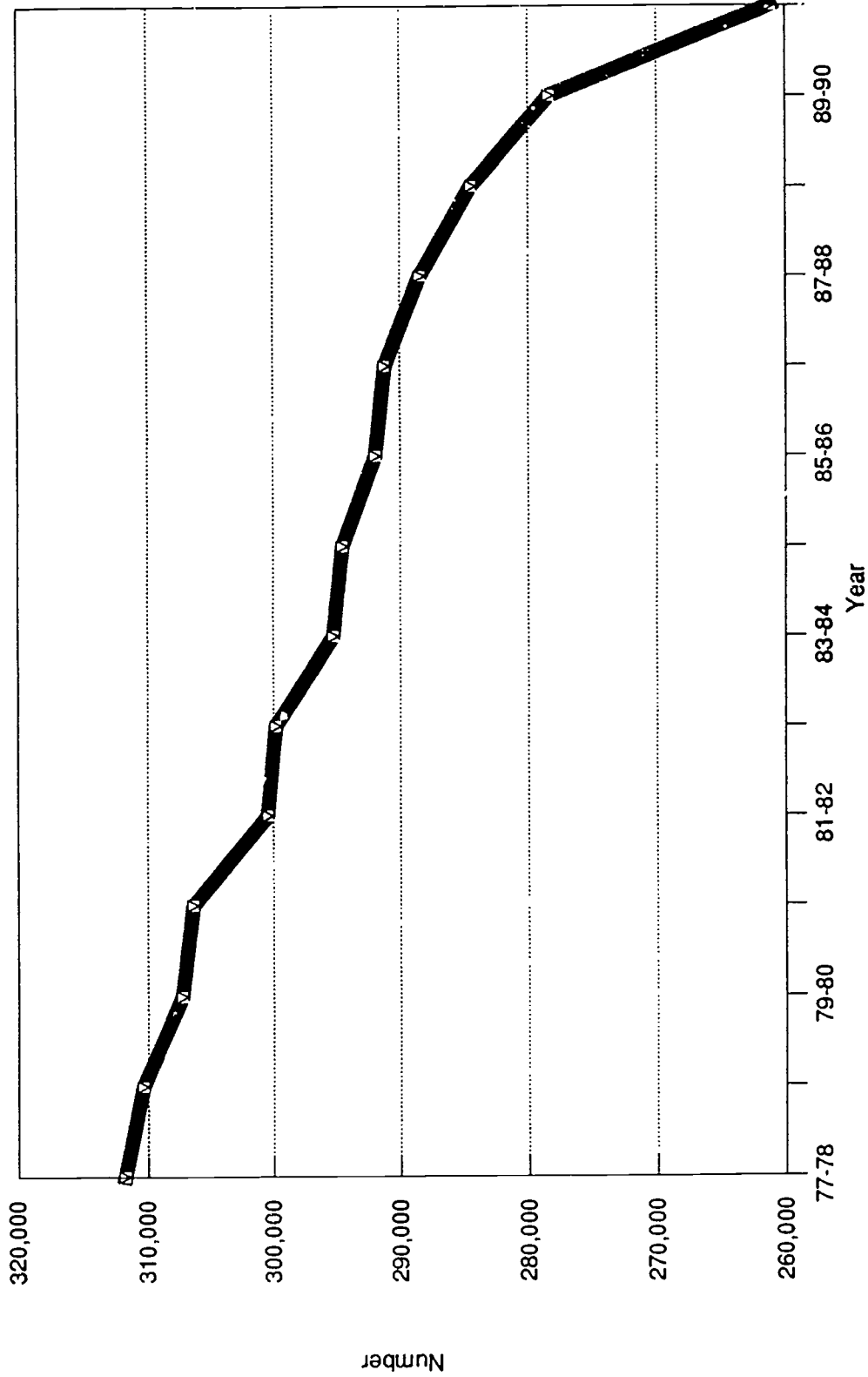


NUMBER OF BLACK STUDENTS ENROLLED IN MICHIGAN PUBLIC SCHOOLS (PREKINDERGARTEN-12)

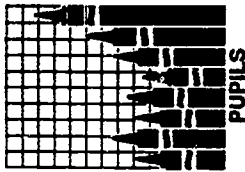
The total number of Black students enrolled in Michigan public schools was 261,146 in the 1990-91 school year. The number of Black students decreased by 50,640 or 16.2% between 1977-78 and 1990-91.

Year	Total	Change from Previous Year	
		Number	Percent
1977-78	311,786		
1978-79	310,363	-1,423	-.5
1979-80	307,261	-3,102	-1.0
1980-81	306,394	-867	-.3
1981-82	300,478	-5,916	-1.9
1982-83	299,830	-648	-.2
1983-84	295,283	-4,547	-1.5
1984-85	294,568	-715	-.2
1985-86	291,953	-2,615	-.9
1986-87	291,258	-695	-.2
1987-88	288,497	-2,761	-.9
1988-89	284,548	-3,949	-1.4
1989-90	278,432	-6,116	-2.1
1990-91	261,146	-17,286	-6.2

NUMBER OF BLACK STUDENTS ENROLLED IN MICHIGAN PUBLIC SCHOOLS (PREKINDERGARTEN - 12)



Source: Information, Research and Evaluation Services
Michigan Department of Education

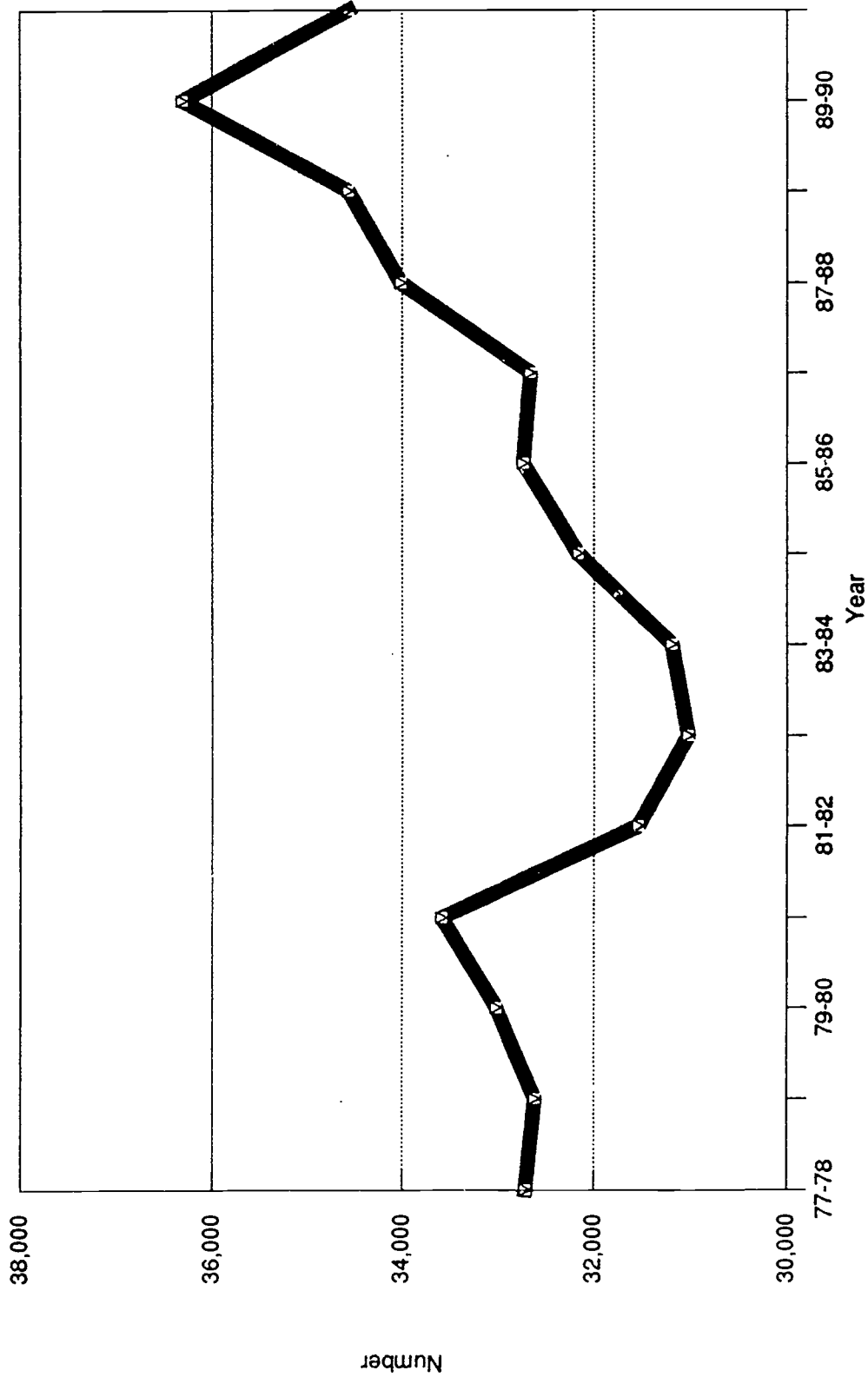


NUMBER OF HISPANIC STUDENTS ENROLLED IN MICHIGAN PUBLIC SCHOOLS (PREKINDERGARTEN-12)

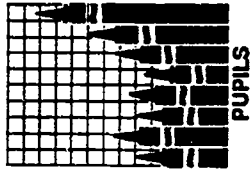
The total number of Hispanic students enrolled in Michigan public schools was 34,562 in the 1990-91 school year. The number of Hispanic students increased by 1,852 or 5.7% between 1977-78 and 1990-91.

Year	Total	Change from Previous Year	
		Number	Percent
1977-78	32,710		
1978-79	32,610	-100	-.3
1979-80	33,016	406	1.2
1980-81	33,588	572	1.7
1981-82	31,543	-2,045	-6.1
1982-83	31,033	-510	-1.6
1983-84	31,199	166	.5
1984-85	32,165	966	3.1
1985-86	32,732	567	1.8
1986-87	32,659	-73	-.2
1987-88	34,015	1,356	4.2
1988-89	34,570	555	1.6
1989-90	36,312	1,742	5.0
1990-91	34,562	-1,750	-4.8

**NUMBER OF HISPANIC STUDENTS ENROLLED IN
MICHIGAN PUBLIC SCHOOLS
(PREKINDERGARTEN - 12)**



Source: Information, Research and Evaluation Services
Michigan Department of Education



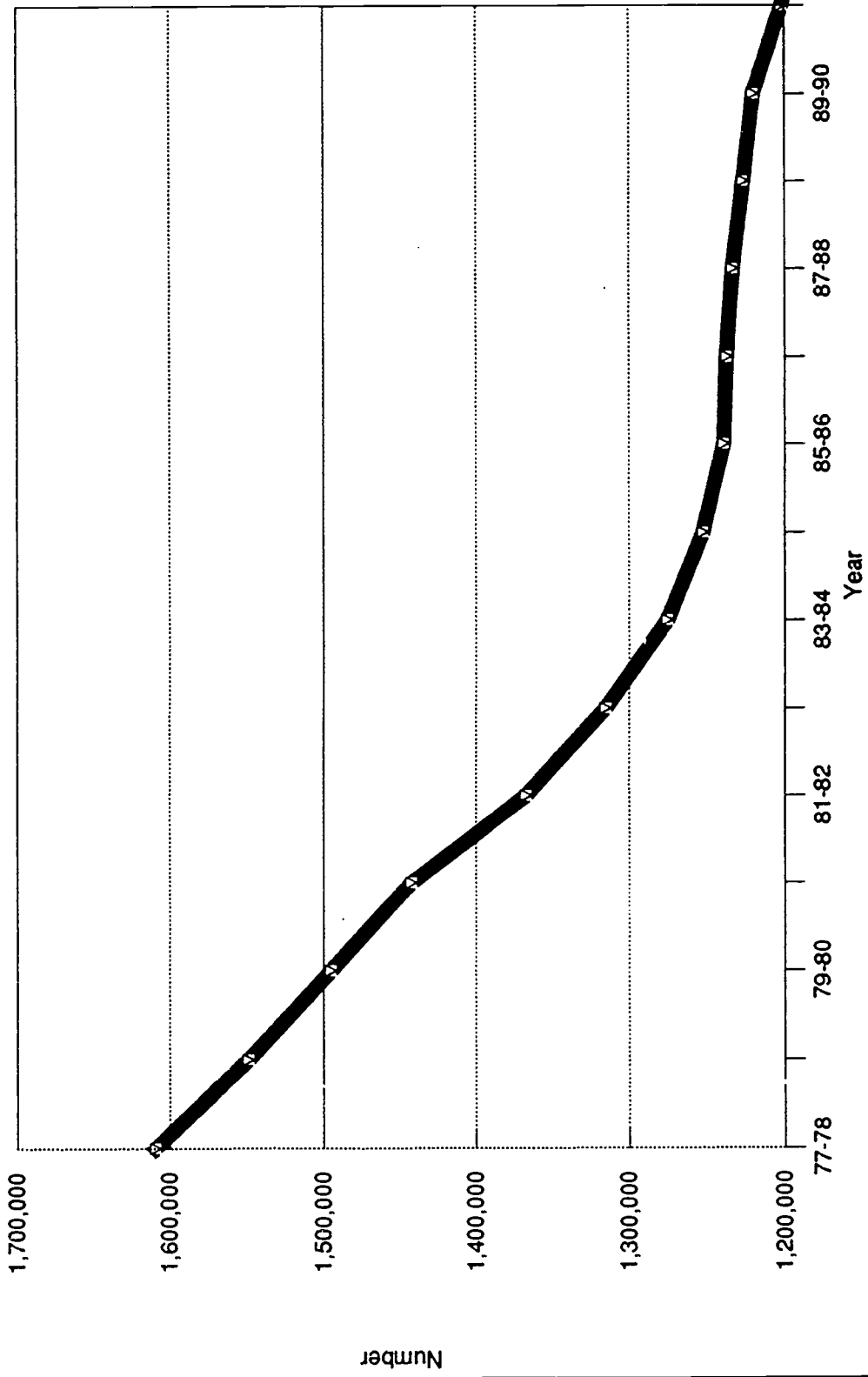
NUMBER OF WHITE STUDENTS ENROLLED IN MICHIGAN PUBLIC SCHOOLS (PREKINDERGARTEN-12)

The total number of White students enrolled in Michigan public schools was 1,201,941 in the 1990-91 school year. The

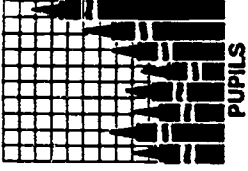
number of White students decreased by 407,664 or 25.3% between 1977-78 and 1990-91.

Year	Total	Change from Previous Year	
		Number	Percent
1977-78	1,609,605		
1978-79	1,548,944	-60,661	-3.8
1979-80	1,495,231	-53,713	-3.5
1980-81	1,442,796	-52,435	-3.5
1981-82	1,366,923	-75,873	-5.3
1982-83	1,315,453	-51,470	-3.8
1983-84	1,275,468	-39,985	-3.0
1984-85	1,253,010	-22,458	-1.8
1985-86	1,239,415	-13,595	-1.1
1986-87	1,237,671	-1,744	-.1
1987-88	1,233,755	-3,916	-.3
1988-89	1,227,012	-6,743	-.5
1989-90	1,220,300	-6,712	-.5
1990-91	1,201,941	-18,359	-1.5

NUMBER OF WHITE STUDENTS ENROLLED IN MICHIGAN PUBLIC SCHOOLS (PREKINDERGARTEN - 12)



Source: Information, Research and Evaluation Services
Michigan Department of Education



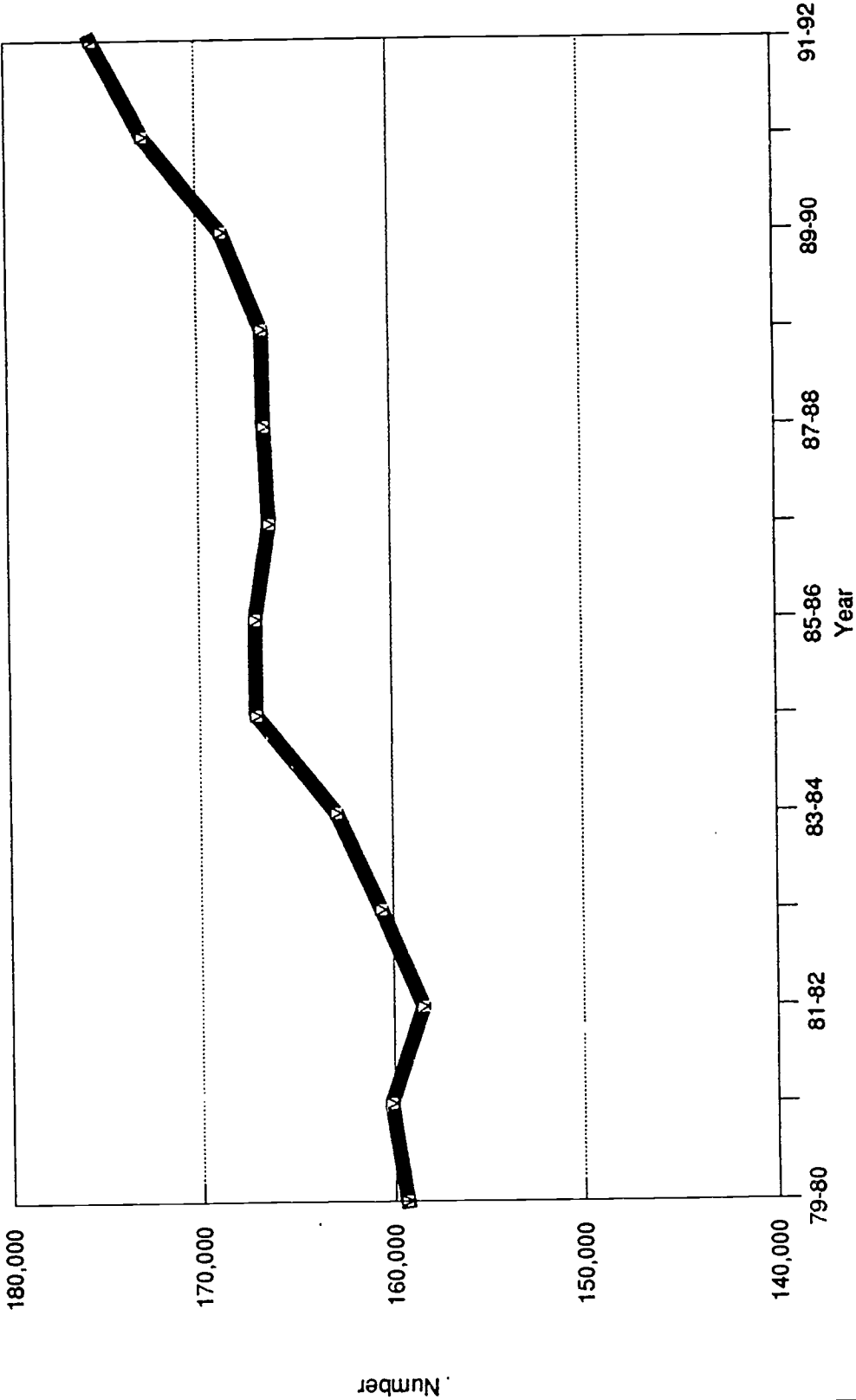
TOTAL NUMBER OF SPECIAL EDUCATION STUDENTS IN MICHIGAN

The total number of special education students in Michigan was 175,464 in the 1991-92 school year. The primary handicapping condition categories of the special education students are: Severely Mentally Impaired; Trainable Mentally Impaired; Educable Mentally Impaired; Emotionally Impaired;

Hearing Impaired; Visually Impaired; Physically & Otherwise Health Impaired; Speech & Language Impaired; Preprimary Impaired; Learning Disabled; Severely Multiply Impaired; and Autistic Impaired. The special education student population increased by 16,066 or 10.1% between 1979-80 and 1991-92.

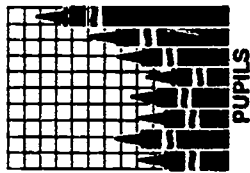
Year	Number	Change from Previous Year	
		Number	Percent
1979-80	159,398		
1980-81	160,187	789	.5
1981-82	158,479	-1,708	-1.1
1982-83	160,639	2,160	1.4
1983-84	162,952	2,313	1.4
1984-85	167,057	4,105	2.5
1985-86	167,101	44	0.0
1986-87	166,314	-787	-.5
1987-88	166,574	260	.2
1988-89	166,619	45	0.0
1989-90	168,700	2,081	1.2
1990-91	172,815	4,115	2.4
1991-92	175,464	2,649	1.5

TOTAL NUMBER OF SPECIAL EDUCATION STUDENTS IN MICHIGAN



Source: Special Education Services
Michigan Department of Education





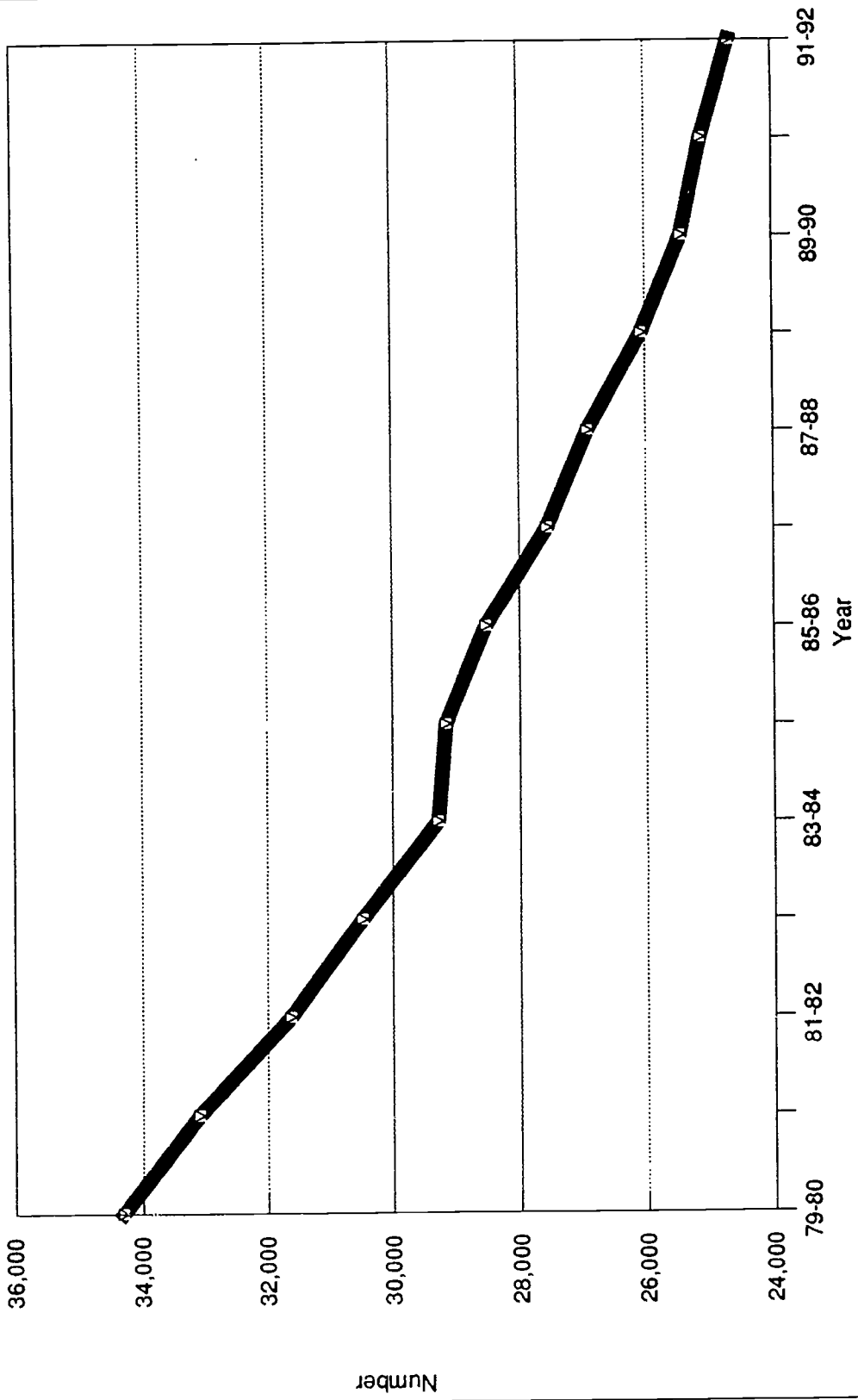
NUMBER OF MENTALLY IMPAIRED STUDENTS IN MICHIGAN

The total number of Mentally Impaired (MI) students* in Michigan was 24,668 in the 1991-92 school year. The total number includes Severely Mentally Impaired, Trainable Mentally Impaired, Educable Mentally Impaired and Severely Multiply Impaired students. The number of MI students decreased by 9,646 or 28.1% between 1979-80 and 1991-92.

*Students with mental impairments exhibit a lack of development in the cognitive area. These conditions often include mental retardation and developmentally delayed growth. Please refer to "Revised Administrative Rules for Special Education, Michigan State Board of Education", January, 1991, for the detailed legal definitions of various mental impairments.

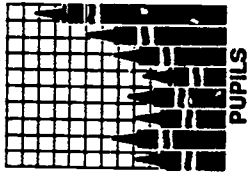
Year	Number	Change from Previous Year	
		Number	Percent
1979-80	34,314		
1980-81	33,100	-1,214	-3.5
1981-82	31,630	-1,470	-4.4
1982-83	30,488	-1,142	-3.6
1983-84	29,297	-1,191	-3.9
1984-85	29,177	-120	-.4
1985-86	28,532	-645	-2.2
1986-87	27,567	-965	-3.4
1987-88	26,930	-637	-2.3
1988-89	26,069	-861	-3.2
1989-90	25,441	-628	-2.4
1990-91	25,120	-321	-1.3
1991-92	24,668	-452	-1.8

NUMBER OF MENTALLY IMPAIRED STUDENTS IN MICHIGAN



Source: Special Education Services
Michigan Department of Education





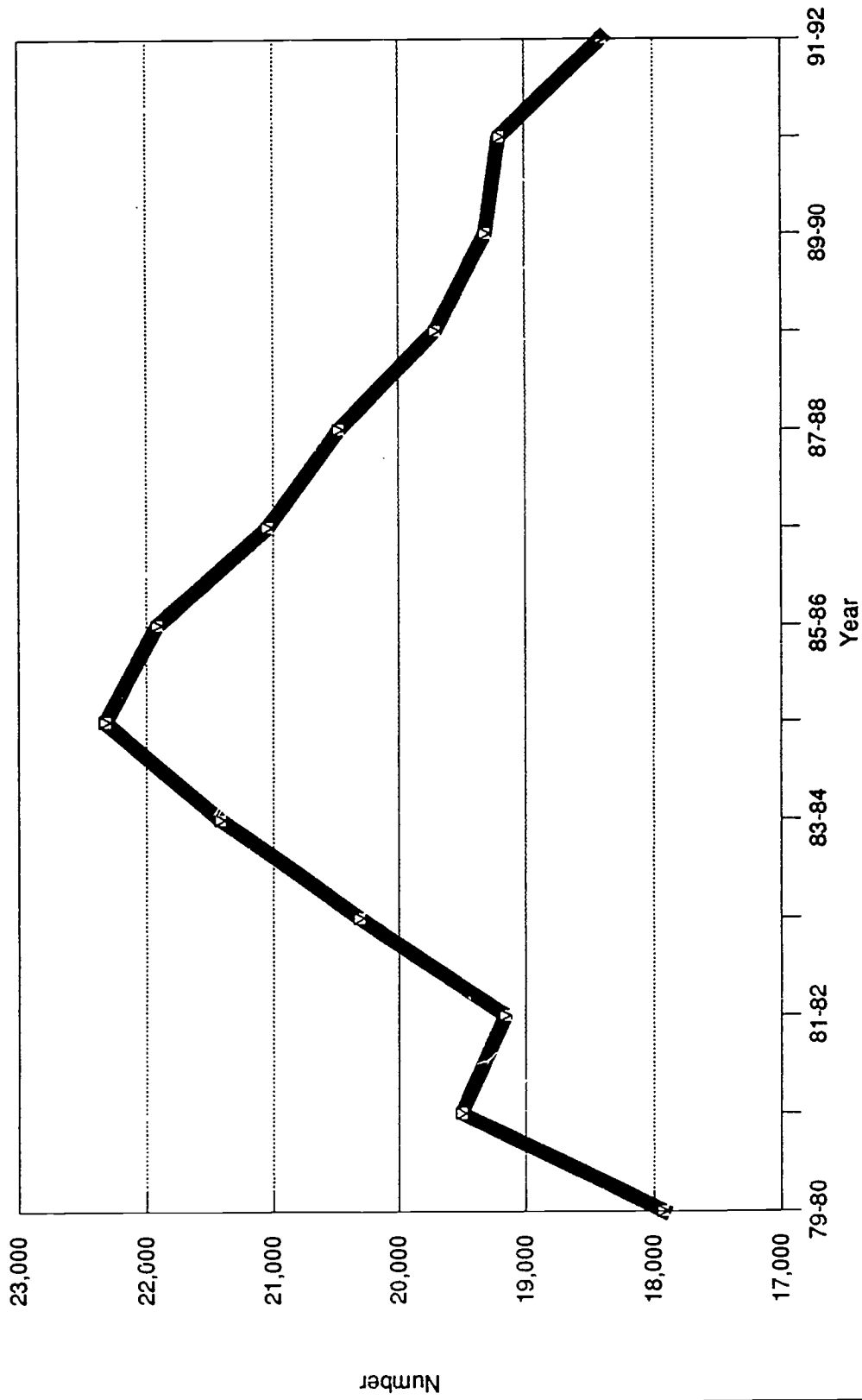
NUMBER OF EMOTIONALLY IMPAIRED STUDENTS IN MICHIGAN

The total number of Emotionally Impaired (EI) students* in Michigan was 18,403 in the 1991-92 school year. Between 1979-80 and 1991-92, the number of EI students ranged from a low of 17,931 in 1979-80 to a peak of 22,326 in 1984-85. The EI student population decreased by 3,923 or 17.6% between 1984-85 and 1991-92.

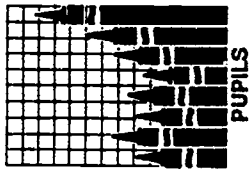
*Students with emotional impairments manifest behavioral problems in the affective domain. This condition often includes unsatisfactory interpersonal relationships and inappropriate behavior. Please refer to "Revised Administrative Rules for Special Education," Michigan State Board of Education, January, 1991, for the detailed legal definition.

Year	Number	Change from Previous Year	
		Number	Percent
1979-80	17,931		
1980-81	19,506	1,575	8.8
1981-82	19,160	-346	-1.8
1982-83	20,319	1,159	6.0
1983-84	21,421	1102	5.4
1984-85	22,326	905	4.2
1985-86	21,916	-410	-1.8
1986-87	21,046	-870	-4.0
1987-88	20,482	-564	-2.7
1988-89	19,710	-772	-3.8
1989-90	19,310	-400	-2.0
1990-91	19,200	-110	-.6
1991-92	18,403	-797	-4.2

NUMBER OF EMOTIONALLY IMPAIRED STUDENTS IN MICHIGAN



Source: Special Education Services
Michigan Department of Education



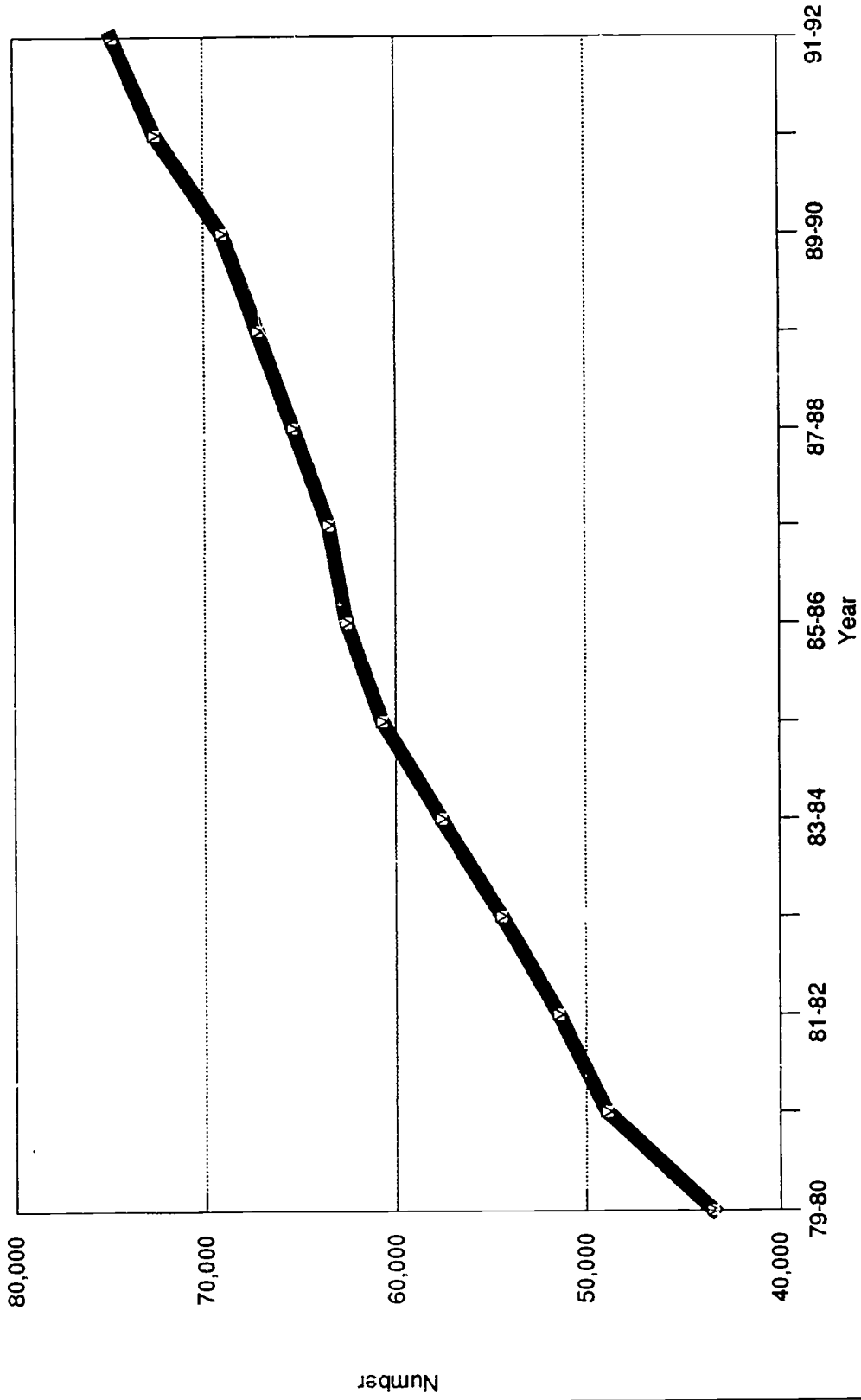
NUMBER OF LEARNING DISABLED STUDENTS IN MICHIGAN

The total number of Learning Disabled (LD) students* in Michigan was 74,823 in the 1991-92 school year. The number of LD students increased by 31,317 or 72.0% between 1979-80 and 1991-92.

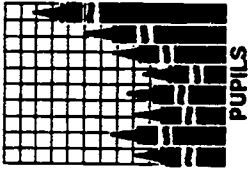
* Students with learning disabilities exhibit disorders involved in understanding spoken or written language or mathematical calculations. The condition often includes terms such as perceptual handicaps, dyslexia or aphasia. Please refer to Revised Administrative Rules for Special Education, Michigan State Board of Education, January, 1991, for the detailed legal definition.

Year	Number	Change from Previous Year	
		Number	Percent
1979-80	43,506		
1980-81	48,944	5,438	12.5
1981-82	51,461	2,517	5.1
1982-83	54,427	2,966	5.8
1983-84	57,626	3,199	5.9
1984-85	60,717	3,091	5.4
1985-86	62,586	1,869	3.1
1986-87	63,547	961	1.5
1987-88	65,388	1,841	2.9
1988-89	67,244	1,856	2.8
1989-90	69,069	1,825	2.7
1990-91	72,529	3,460	5.0
1991-92	74,823	2,294	3.2

NUMBER OF LEARNING DISABLED STUDENTS IN MICHIGAN



Source: Special Education Services
Michigan Department of Education



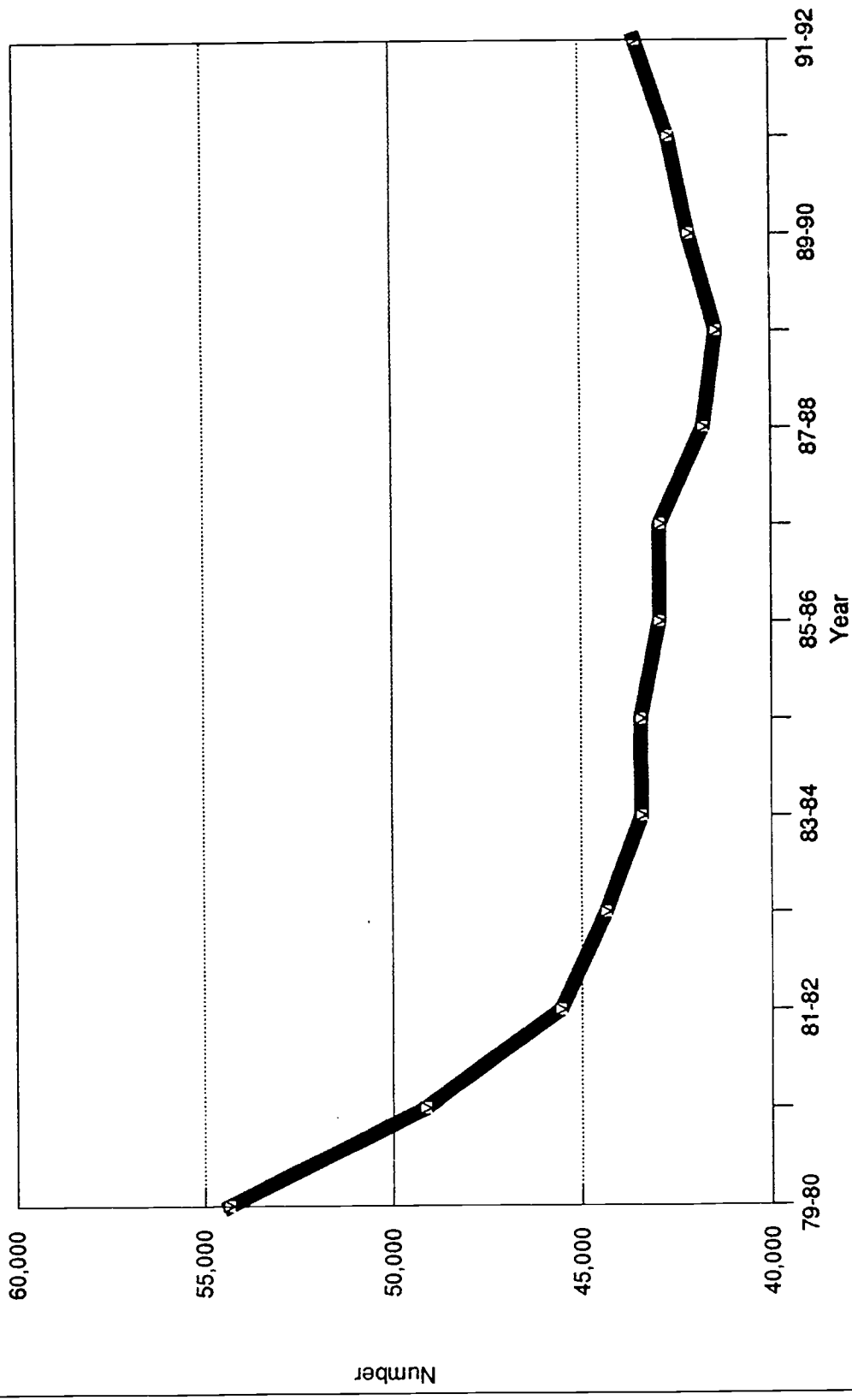
NUMBER OF SPEECH AND LANGUAGE IMPAIRED STUDENTS IN MICHIGAN

The total number of Speech and Language Impaired (SLI) students* in Michigan was 43,511 in the 1991-92 school year. The number of SLI students decreased by 10,843 or 19.9% between 1979-80 and 1991-92.

*Students with speech and language disabilities exhibit communication impairments with articulation, fluency and voice quality. These conditions manifest themselves through inappropriate language functioning for the child's age. Please refer to "Revised Administrative Rules for Special Education", Michigan State Board of Education, January, 1991, for the detailed legal definition.

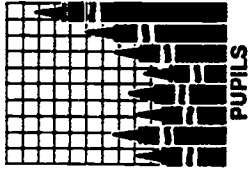
Year	Number	Change from Previous Year Number	Percent
1979-80	54,354		
1980-81	49,153	-5,201	-9.6
1981-82	45,567	-3,586	-7.3
1982-83	44,359	-1,208	-2.7
1983-84	43,406	-953	-2.1
1984-85	43,429	23	.1
1985-86	42,928	-501	-1.2
1986-87	42,911	-17	0.0
1987-88	41,762	-1,149	-2.7
1988-89	41,422	-340	-.8
1989-90	42,131	709	1.7
1990-91	42,658	527	1.3
1991-92	43,511	853	2.0

NUMBER OF SPEECH AND LANGUAGE IMPAIRED STUDENTS IN MICHIGAN



Source: Special Education Services
Michigan Department of Education





DISTRIBUTION OF SPECIAL EDUCATION STUDENTS IN MICHIGAN BY PRIMARY HANDICAPPING CONDITION

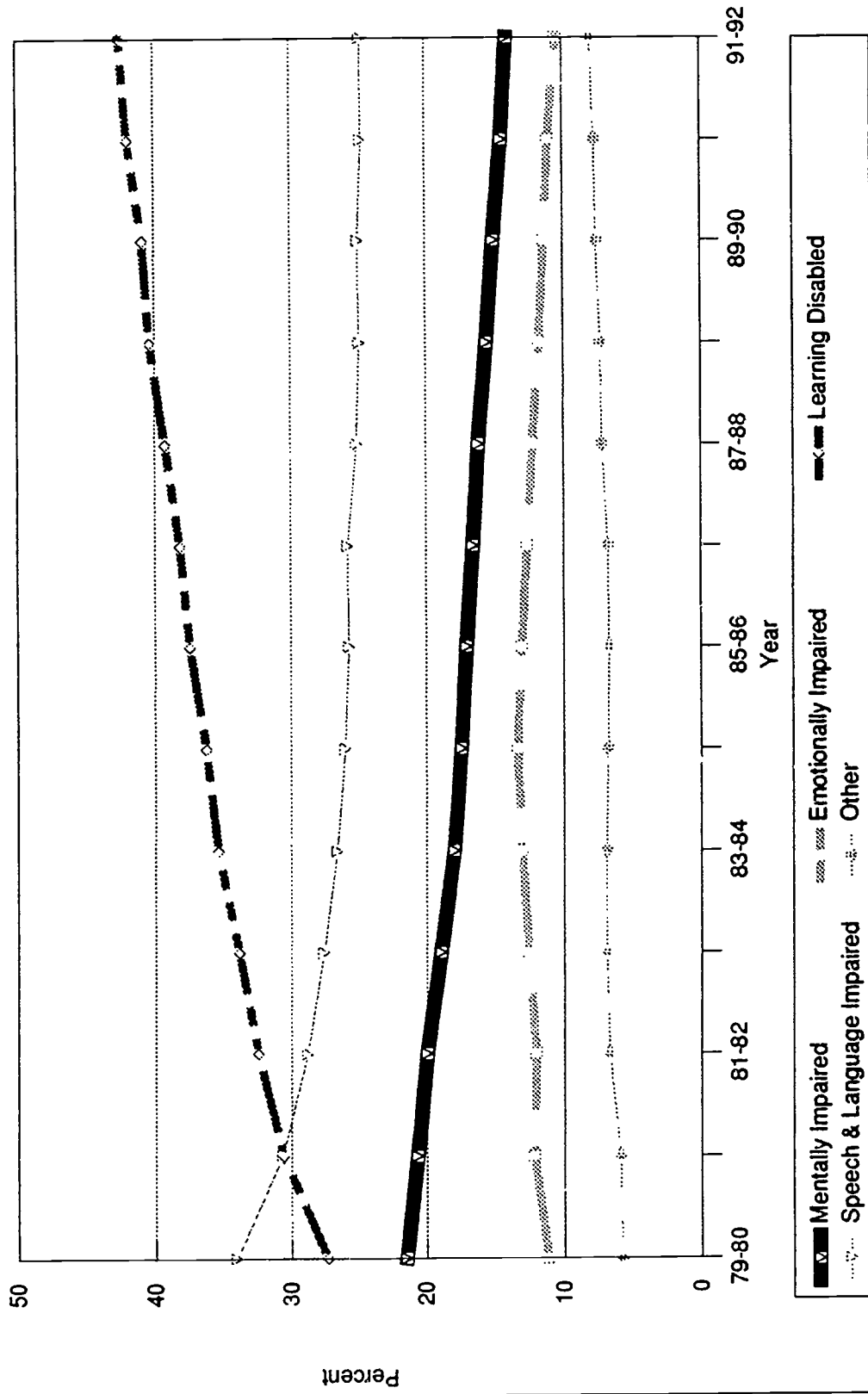
In the 1991-92 school year, the statewide distribution of 175,464 special education students in Michigan by primary handicapping condition was as follows: Learning Disabled (LD)-42.6%; Speech & Language Impaired (SLI)-24.8%; Mentally Impaired (MI)-14.1%; Emotionally Impaired (EI)-10.5%; and Other-8.0%. The "Other" category includes Hearing Impaired, Visually Impaired, Physically & Otherwise Health Impaired, Preprimary Impaired and Autistic Impaired

students.

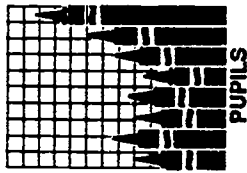
Between 1979-80 and 1991-92, the following changes occurred in the distribution of special education students by primary handicapping condition: the LD students increased by 15.3%; the SLI students decreased by 9.3%; the MI students decreased by 7.4%; the EI students decreased by 0.7%; and the other special education students increased by 2.2%.

Year	Mentally Impaired (%)	Emotionally Impaired (%)	Learning Disabled (%)	Speech & Language Impaired (%)	Other (%)
1979-80	21.5	11.2	27.3	34.1	5.8
1980-81	20.7	12.2	30.6	30.7	5.9
1981-82	20.0	12.1	32.5	28.8	6.7
1982-83	19.0	12.6	33.9	27.6	6.9
1983-84	18.0	13.1	35.4	26.6	6.9
1984-85	17.5	13.4	36.3	26.0	6.8
1985-86	17.1	13.1	37.5	25.7	6.7
1986-87	16.6	12.7	38.2	25.8	6.8
1987-88	16.2	12.3	39.3	25.1	7.2
1988-89	15.6	11.8	40.4	24.9	7.3
1989-90	15.1	11.4	40.9	25.0	7.6
1990-91	14.5	11.1	42.0	24.7	7.7
1991-92	14.1	10.5	42.6	24.8	8.0

DISTRIBUTION OF SPECIAL EDUCATION STUDENTS IN MICHIGAN BY PRIMARY HANDICAPPING CONDITION



Source: Special Education Services
Michigan Department of Education



PUPILS

TOTAL NUMBER OF STUDENTS IN MICHIGAN SERVED BY WAGE-EARNING VOCATIONAL-TECHNICAL EDUCATION PROGRAMS IN MICHIGAN (GRADES 9-12)

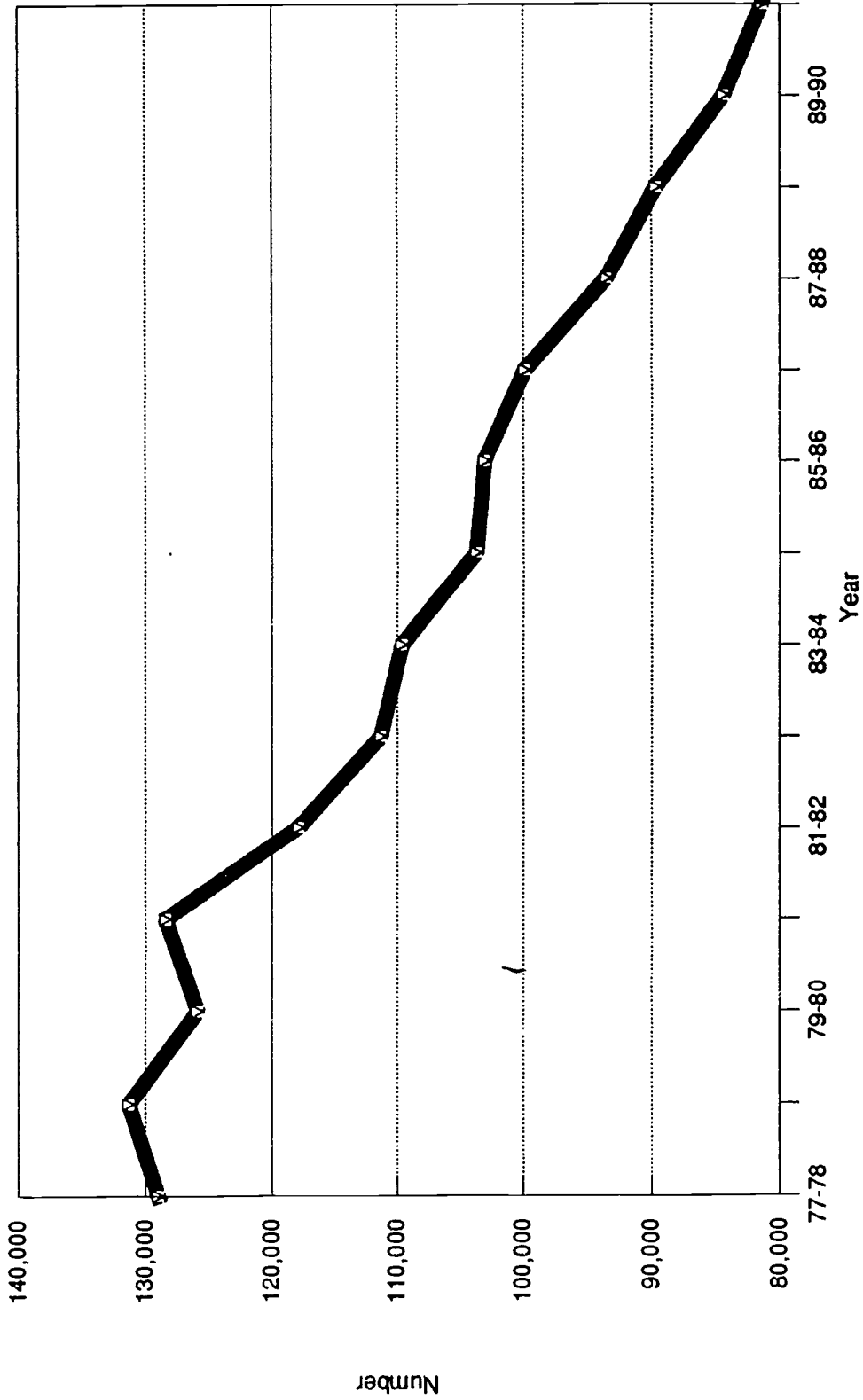
The total number of students in Michigan served by wage-earning vocational-technical education programs (Grades 9-12)* was 81,427 in the 1990-91 school year. The students were enrolled in the following six wage-earning vocational-technical education program areas: Agricultural Education; Marketing Education; Health Occupations Education; Home Economics Education; Office Education; and

Trade and Industrial Education. Between 1977-78 and 1990-91, the number of vocational-technical education students ranged from a peak of 131,350 in 1978-79 to a low of 81,427 in 1990-91.

* *Wage-earning vocational-technical education programs (Grades 9-12) are organized educational programs offering a sequence of courses intended to prepare secondary school students (Grades 9-12) for gainful employment directly after completion of instruction or after advanced training.*

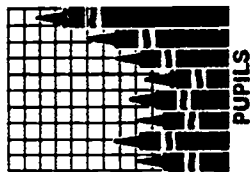
Year	Number	Change from Previous Year	
		Number	Percent
1977-78	129,030		
1978-79	131,350	2,320	1.8
1979-80	125,906	-5,444	-4.1
1980-81	128,455	2,549	2.0
1981-82	117,926	-10,529	-8.2
1982-83	111,323	-6,603	-5.6
1983-84	109,639	-1,684	-1.5
1984-85	103,723	-5,916	-5.4
1985-86	103,052	-671	-.6
1986-87	99,878	-3,174	-3.1
1987-88	93,518	-6,360	-6.4
1988-89	89,653	-3,865	-4.1
1989-90	84,434	-5,219	-5.8
1990-91	81,427	-3,007	-3.6

TOTAL NUMBER OF STUDENTS IN MICHIGAN SERVED BY WAGE-EARNING VOCATIONAL-TECHNICAL EDUCATION PROGRAMS IN MICHIGAN (GRADES 9-12)



Source: Vocational-Technical Services
Michigan Department of Education





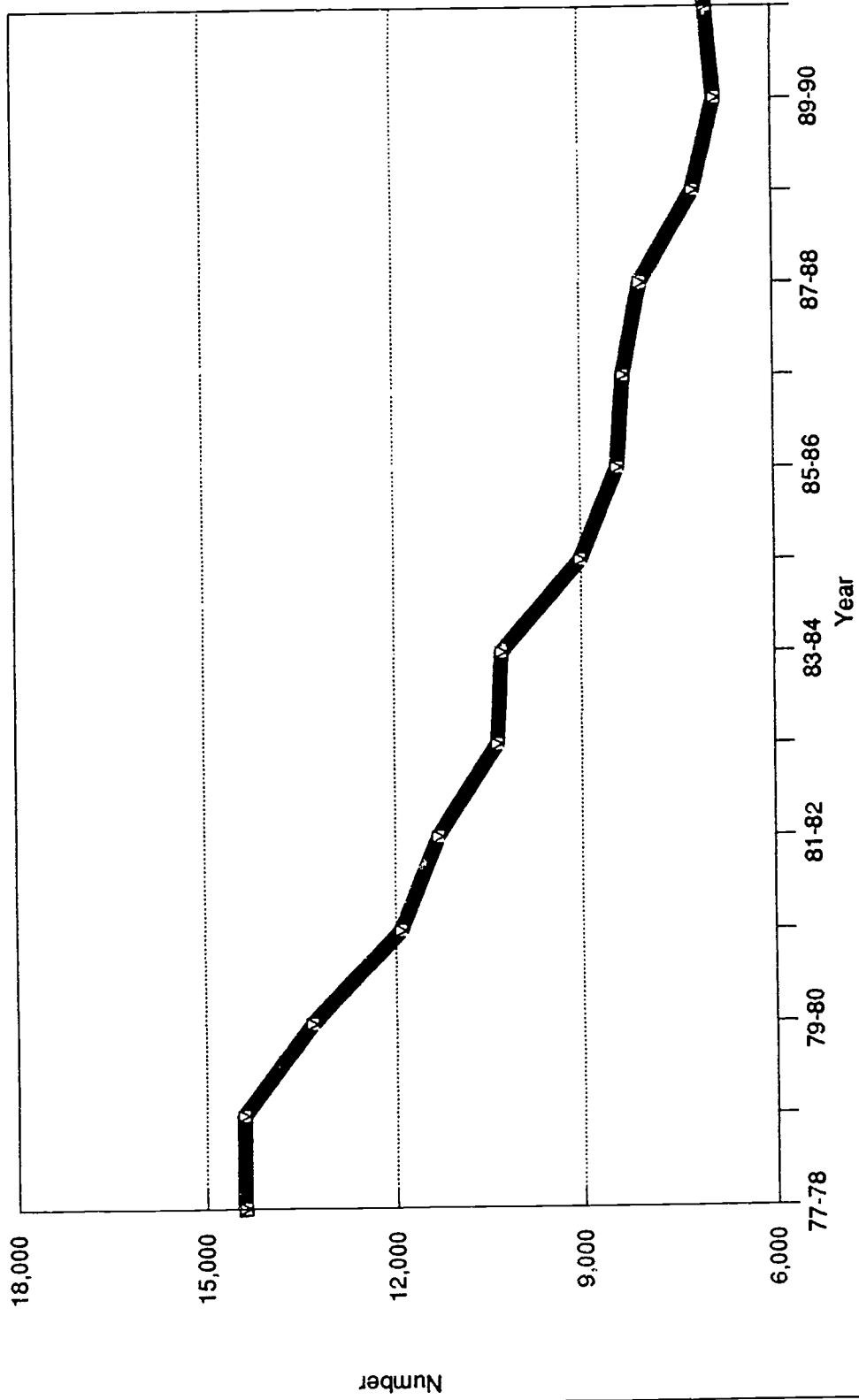
NUMBER OF AGRICULTURAL EDUCATION STUDENTS IN MICHIGAN (GRADES 9-12)

The total number of Agricultural Education students in Michigan (Grades 9-12) was 7,017 in the 1990-91 school year. Between 1977-78 and 1990-91, the number of Agricultural

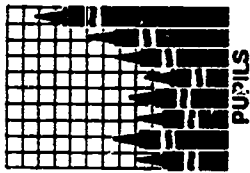
Education students ranged from a peak of 14,414 in 1978-79 to a low of 6,886 in 1989-90.

Year	Number	Change from Previous Year	
		Number	Percent
1977-78	14,406		
1978-79	14,414	8	.1
1979-80	13,329	-1,085	-7.5
1980-81	11,914	-1,415	-10.6
1981-82	11,314	-600	-5.0
1982-83	10,351	-963	-8.5
1983-84	10,282	-69	-.7
1984-85	9,018	-1,264	-12.3
1985-86	8,423	-595	-6.6
1986-87	8,323	-100	-1.2
1987-88	8,059	-264	-3.2
1988-89	7,229	-830	-10.3
1989-90	6,886	-343	-4.7
1990-91	7,017	131	1.9

NUMBER OF AGRICULTURAL EDUCATION STUDENTS IN MICHIGAN (GRADES 9-12)



Source Vocational-Technical Education Services
Michigan Department of Education



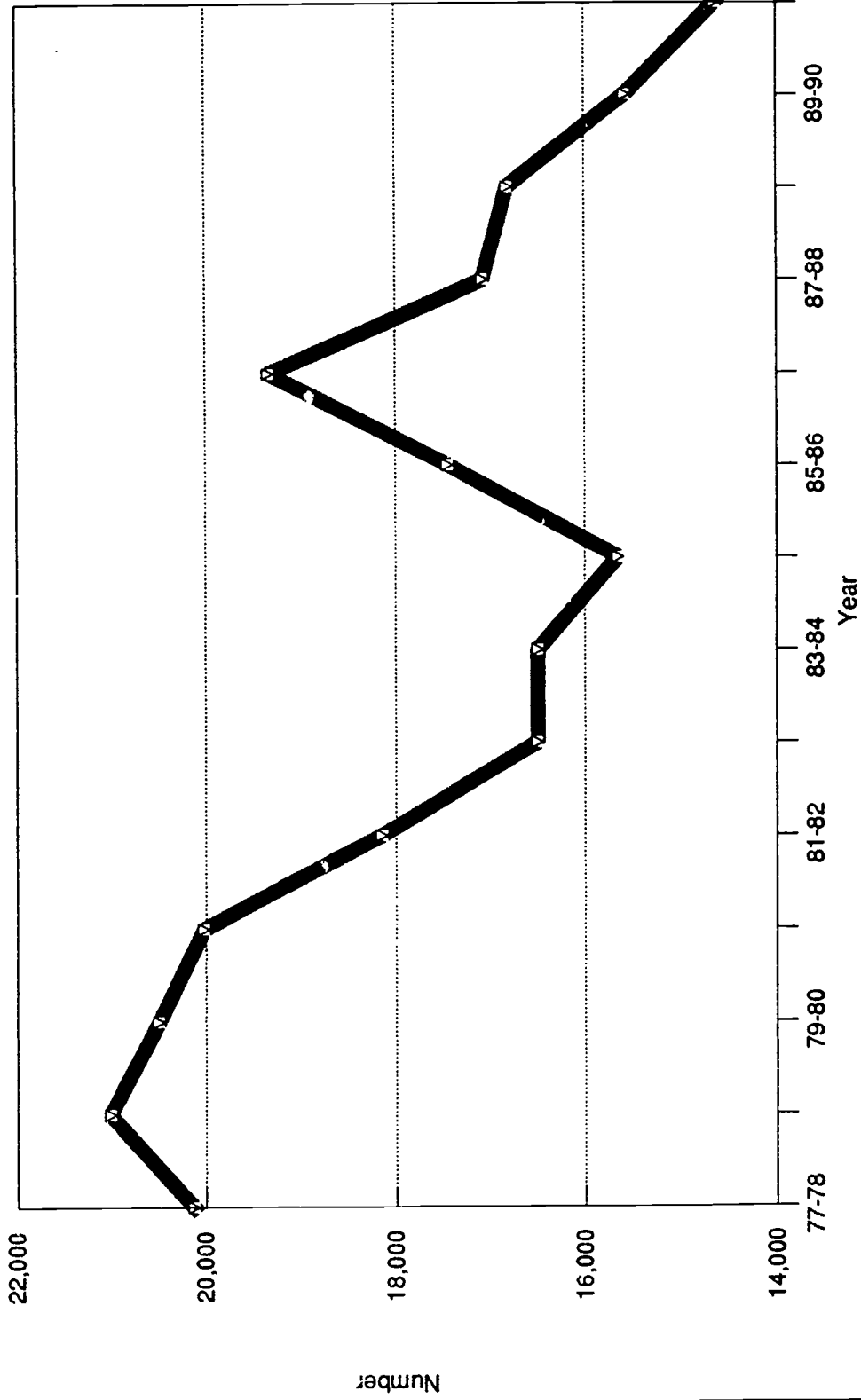
NUMBER OF MARKETING EDUCATION STUDENTS IN MICHIGAN (GRADES 9-12)

The total number of Marketing Education students in Michigan (Grades 9-12) was 14,637 in the 1990-91 school year. Between 1977-78 and 1990-91, the number of Marketing

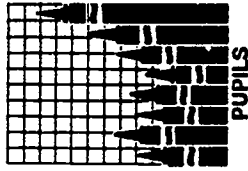
Education students ranged from a peak of 21,026 in 1978-79 to a low of 14,637 in 1990-91.

Year	Change from Previous Year	
	Number	Percent
1977-78	20,131	
1978-79	21,026	4.4
1979-80	20,503	-2.5
1980-81	20,024	-2.3
1981-82	18,148	-9.4
1982-83	16,503	-9.1
1983-84	16,497	-6
1984-85	15,650	-5.1
1985-86	17,458	11.6
1986-87	19,331	10.7
1987-88	17,081	-11.6
1988-89	16,819	-1.5
1989-90	15,571	-7.4
1990-91	14,637	-6.0

NUMBER OF MARKETING EDUCATION STUDENTS IN MICHIGAN (GRADES 9-12)



Source: Vocational, Technical Education Services
Michigan Department of Education



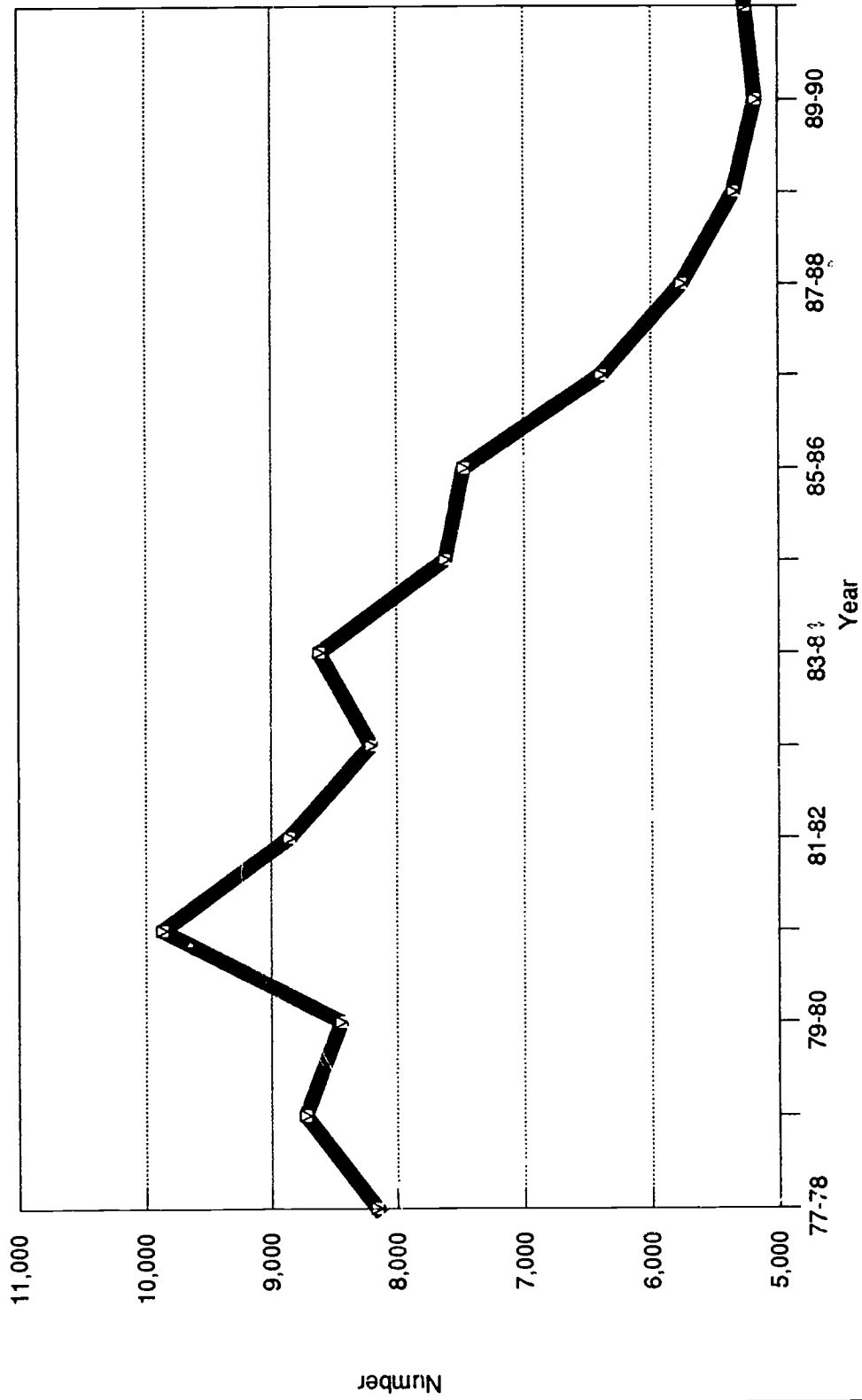
NUMBER OF HEALTH OCCUPATIONS EDUCATION STUDENTS IN MICHIGAN (GRADES 9-12)

The total number of Health Occupations Education students in Michigan (Grades 9-12) was 5,262 in the 1990-91 school year. Between 1977-78 and 1990-91, the number of Health

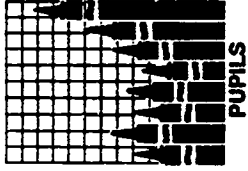
Occupations Education students ranged from a peak of 9,873 in 1980-81 to a low of 5,181 in 1989-90.

Year	Number	Change from Previous Year	
		Number	Percent
1977-78	8,164		
1978-79	8,730	566	6.9
1979-80	8,442	-288	-3.3
1980-81	9,873	1,431	17.0
1981-82	8,857	-1,016	-10.3
1982-83	8,205	-652	-7.4
1983-84	8,616	411	5.0
1984-85	7,620	-996	-11.6
1985-86	7,476	-144	-1.9
1986-87	6,394	-1,082	-14.5
1987-88	5,761	-633	-9.9
1988-89	5,350	-411	-7.1
1989-90	5,181	-169	-3.2
1990-91	5,262	81	1.6

NUMBER OF HEALTH OCCUPATIONS EDUCATION STUDENTS IN MICHIGAN (GRADES 9-12)



Source: Vocational-Technical Education Services
Michigan Department of Education



NUMBER OF STUDENTS IN MICHIGAN SERVED BY WAGE-EARNING HOME ECONOMICS EDUCATION PROGRAMS (GRADES 9-12)

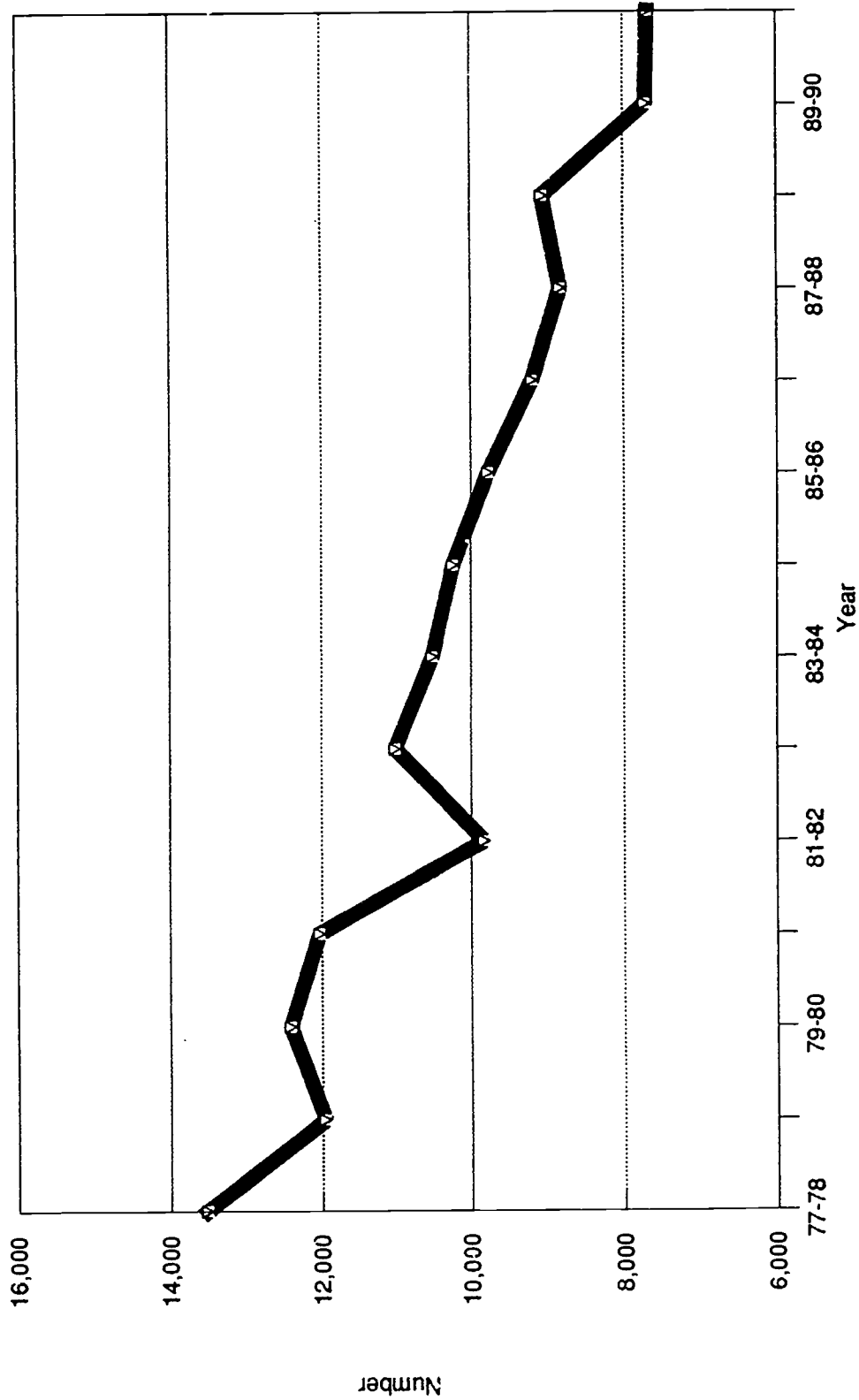
The total number of students in Michigan served by wage-earning home economics education programs (Grades 9-12)* was 7,687 in the 1990-91 school year. Between 1977-78 and 1990-91, the number of Home Economics Education students ranged from a peak of 13,523 in 1977-78

to a low of 7,687 in 1990-91.

* Wage-earning home economics education programs (Grades 9-12) are organized educational programs offering a sequence of courses intended to prepare secondary school students (Grades 9-12) for gainful employment directly after completion of instruction or after advanced training.

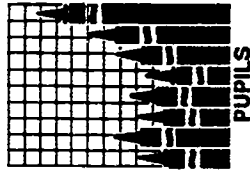
Year	Number	Change from Previous Year	
		Number	Percent
1977-78	13,523		
1978-79	11,959	-1,564	-11.6
1979-80	12,425	466	3.9
1980-81	12,039	-386	-3.1
1981-82	9,825	-2,214	-18.4
1982-83	11,018	1,193	12.1
1983-84	10,523	-495	-4.5
1984-85	10,242	-281	-2.7
1985-86	9,773	-469	-4.6
1986-87	9,187	-586	-6.0
1987-88	8,825	-362	-3.9
1988-89	9,060	235	2.7
1989-90	7,705	-1,355	-15.0
1990-91	7,687	-18	-.2

NUMBER OF STUDENTS IN MICHIGAN SERVED BY WAGE-EARNING HOME ECONOMICS EDUCATION PROGRAMS (GRADES 9-12)



Source: Vocational-Technical Education Services
Michigan Department of Education





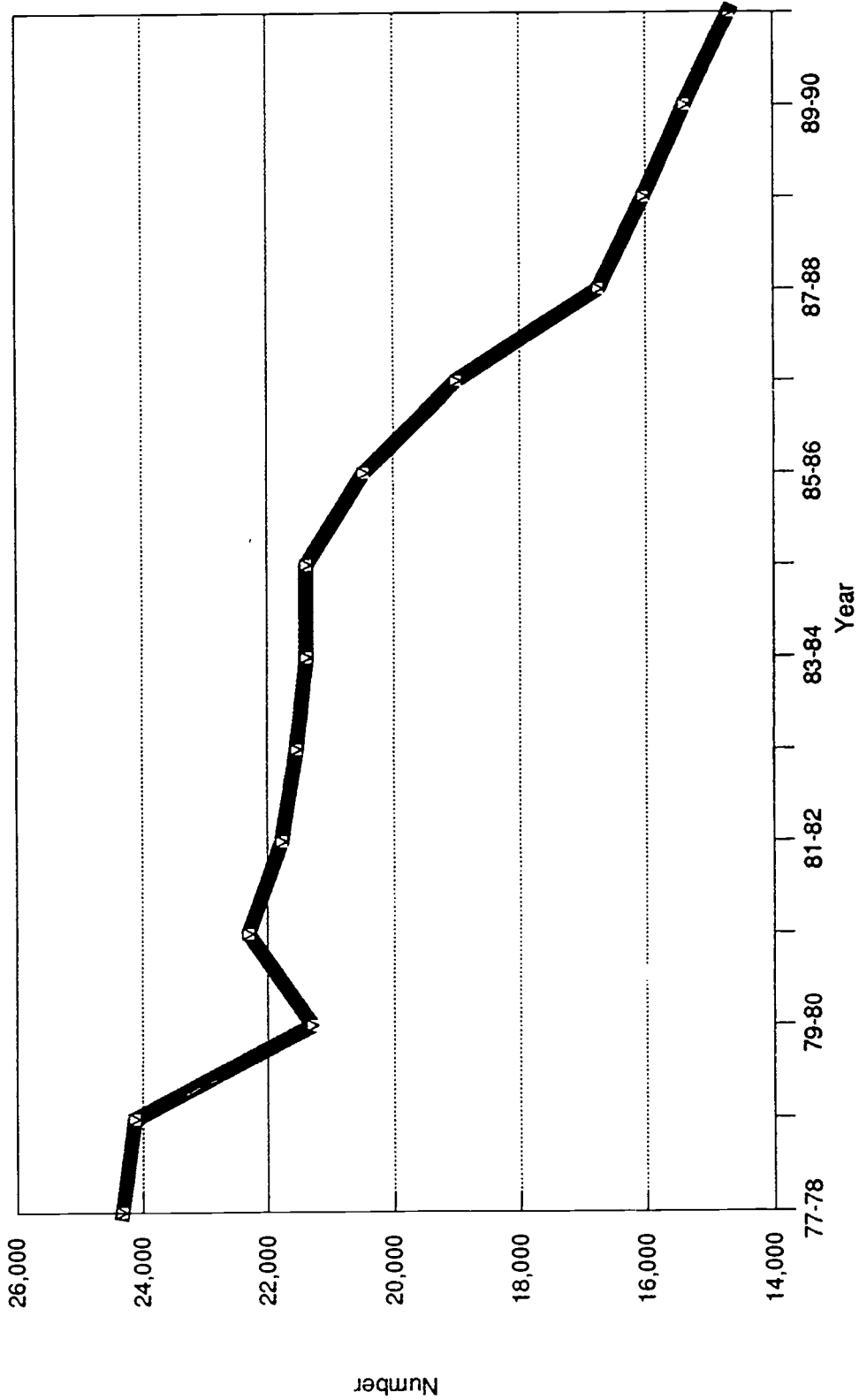
NUMBER OF OFFICE EDUCATION STUDENTS IN MICHIGAN (GRADES 9-12)

The total number of Office Education students in Michigan (Grades 9-12) was 14,687 in the 1990-91 school year. Between 1977-78 and 1990-91, the number of Office

Education students ranged from a peak of 24,335 in 1977-78 to a low of 14,687 in 1990-91.

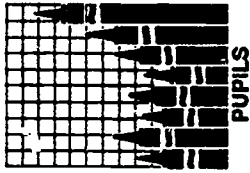
Year	Number	Change from Previous Year	
		Number	Percent
1977-78	24,335		
1978-79	24,129	-206	-.8
1979-80	21,288	-2,841	-11.8
1980-81	22,311	1,023	4.8
1981-82	21,778	-533	-2.4
1982-83	21,540	-238	-1.1
1983-84	21,376	-164	-.8
1984-85	21,373	-3	0.0
1985-86	20,467	-906	-4.2
1986-87	19,010	-1,457	-7.1
1987-88	16,757	-2,253	-11.9
1988-89	16,041	-716	-4.3
1989-90	15,391	-650	-4.1
1990-91	14,687	-704	-4.6

NUMBER OF OFFICE EDUCATION STUDENTS IN MICHIGAN (GRADES 9-12)



Source: Vocational-Technical Services
Michigan Department of Education



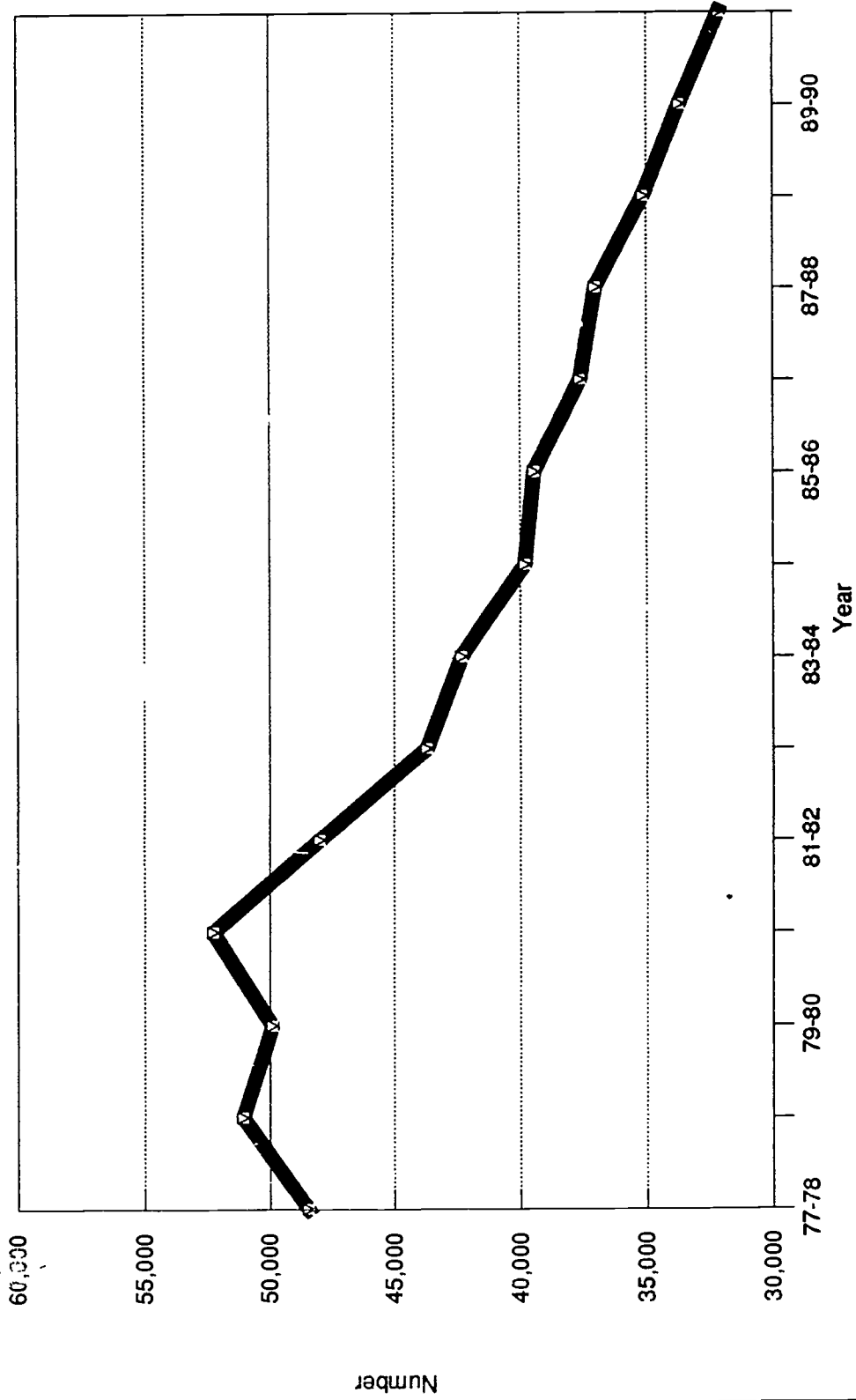


NUMBER OF TRADE AND INDUSTRIAL EDUCATION STUDENTS IN MICHIGAN (GRADES 9-12)

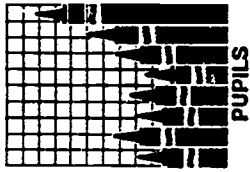
The total number of Trade and Industrial Education students in Michigan (Grades 9-12) was 32,137 in the 1990-91 school year. Between 1977-78 and 1990-91, the number of Trade and Industrial Education students ranged from a peak of 52,294 in 1980-81 to a low of 32,137 in 1990-91.

Year	Change from Previous Year	
	Number	Percent
1977-78	48,471	
1978-79	51,092	5.4
1979-80	49,919	-2.3
1980-81	52,294	4.8
1981-82	48,004	-8.2
1982-83	43,706	-9.0
1983-84	42,345	-3.1
1984-85	39,820	-6.0
1985-86	39,455	-.9
1986-87	37,633	-4.6
1987-88	37,035	-1.6
1988-89	35,154	-5.1
1989-90	33,700	-4.1
1990-91	32,137	-4.6

NUMBER OF TRADE AND INDUSTRIAL EDUCATION STUDENTS IN MICHIGAN (GRADES 9-12)



Source: Vocational-Technical Services
Michigan Department of Education



DISTRIBUTION OF STUDENTS IN MICHIGAN SERVED BY WAGE-EARNING VOCATIONAL-TECHNICAL EDUCATION PROGRAMS BY PROGRAM AREA (GRADES 9-12)

In 1990-91, the distribution of 81,427 Michigan students served by wage-earning vocational-technical education programs (Grades 9-12)* by program area was: Trade and Industrial Education-39.5%; Marketing Education-18.0%; Office Education-18.0%; Home Economics Education-9.4%; Agricultural Education-8.6%; and Health Occupations Education-6.5%.

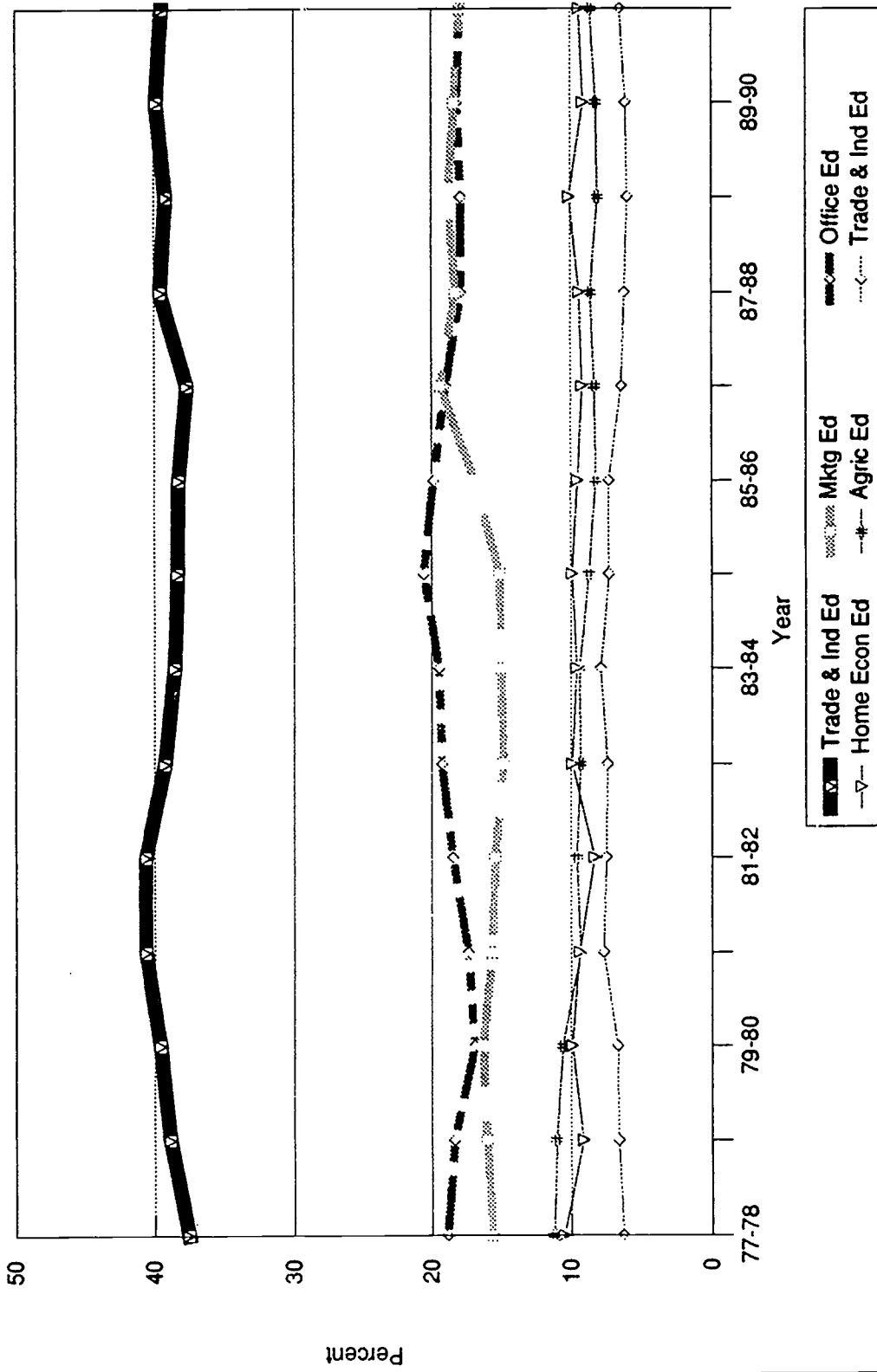
Between 1977-78 and 1990-91 the following changes occurred in the distribution of these students: the number of Trade and Industrial Education students increased by 1.9%; Marketing

Education students increased by 2.4%; Office Education students decreased by 0.9%; Home Economics Education students decreased by 1.1%; Agricultural Education students decreased by 2.6%; and Health Occupations Education students increased by 0.2%.

* Wage-earning vocational-technical education programs (Grades 9-12) are organized educational programs offering a sequence of courses intended to prepare secondary school students (Grades 9-12) for gainful employment directly after completion of instruction or after advanced training.

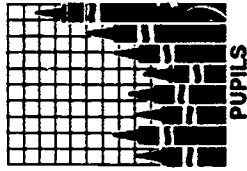
Year	Trade & Ind Ed %	Mktg Ed %	Office Ed %	Home Econ Ed %	Agriculture Ed %	Health Occu Ed %
1977-78	37.6	15.6	18.9	10.5	11.2	6.3
1978-79	38.9	16.0	18.4	9.1	11.0	6.6
1979-80	39.6	16.3	16.9	9.9	10.6	6.7
1980-81	40.7	15.6	17.4	9.4	9.3	7.7
1981-82	40.7	15.4	18.5	8.3	9.6	7.5
1982-83	39.3	14.8	19.3	9.9	9.3	7.4
1983-84	38.6	15.0	19.5	9.6	9.4	7.9
1984-85	38.4	15.1	20.6	9.9	8.7	7.3
1985-86	38.3	16.9	19.9	9.5	8.2	7.3
1986-87	37.7	19.4	19.0	9.2	8.3	6.4
1987-88	39.6	18.3	17.9	9.4	8.6	6.2
1988-89	39.2	18.8	17.9	10.1	8.1	6.0
1989-90	39.9	18.4	18.2	9.1	8.2	6.1
1990-91	39.5	18.0	18.0	9.4	8.6	6.5

DISTRIBUTION OF STUDENTS IN MICHIGAN SERVED BY WAGE-EARNING VOCATIONAL-TECHNICAL EDUCATION PROGRAMS BY PROGRAM AREA (GRADES 9-12)



Source: Vocational-Technical Education Services
Michigan Department of Education





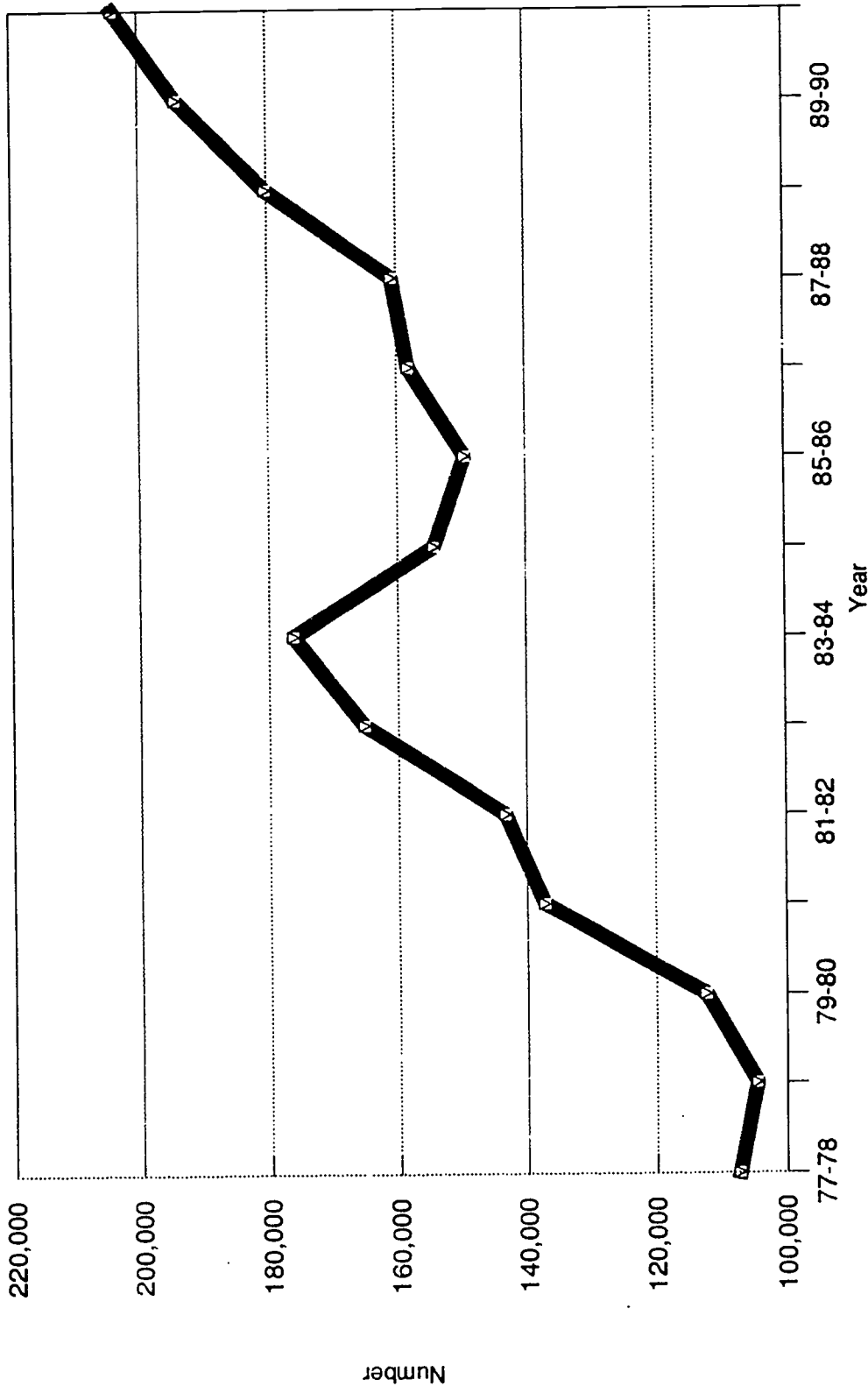
TOTAL NUMBER OF ADULT EDUCATION STUDENTS IN MICHIGAN

The total number of adult education students in Michigan was 204,024 in the 1990-91 school year. The adult education programs include basic (Grades 1-8) and secondary (Grades

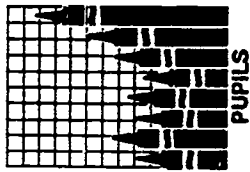
9-12) education programs. The number of adult education students increased by 96,632 or 90.0% between 1977-78 and 1990-91.

Year	Number	Change from Previous Year	
		Number	Percent
1977-78	107,392		
1978-79	104,681	-2,711	-2.5
1979-80	112,483	7,802	7.5
1980-81	137,234	24,751	22.0
1981-82	143,368	6,134	4.5
1982-83	165,339	21,971	15.3
1983-84	176,382	11,043	6.7
1984-85	154,481	-21,901	-12.4
1985-86	149,643	-4,838	-3.1
1986-87	158,275	8,632	5.8
1987-88	160,797	2,522	1.6
1988-89	180,230	19,433	12.1
1989-90	194,178	13,948	7.7
1990-91	204,024	9,846	5.1

TOTAL NUMBER OF ADULT EDUCATION STUDENTS IN MICHIGAN



Source: Adult Extended Learning Services
Michigan Department of Education

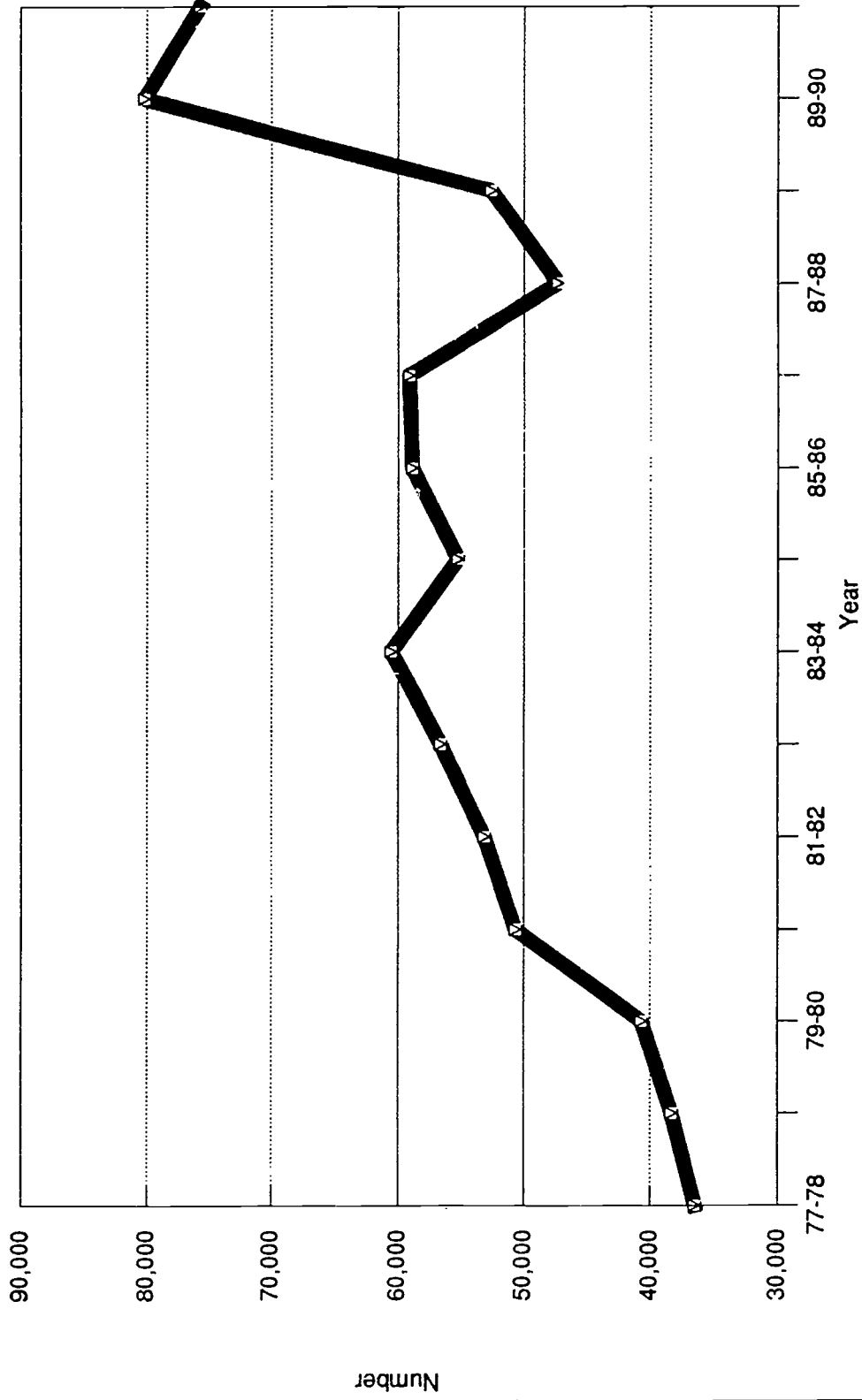


NUMBER OF ADULT BASIC EDUCATION STUDENTS IN MICHIGAN (GRADES 1-8)

The total number of adult basic education students in Michigan (Grades 1-8) was 75,735 in the 1990-91 school year. The number of adult basic education students increased by 39,215 or 107.4% between 1977-78 and 1990-91.

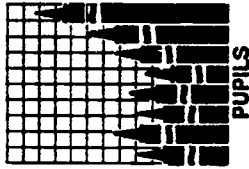
Year	Number	Change from Previous Year	
		Number	Percent
1977-78	36,520		
1978-79	38,369	1,849	5.1
1979-80	40,719	2,350	6.1
1980-81	50,744	10,025	24.6
1981-82	53,196	2,452	4.8
1982-83	56,714	3,518	6.6
1983-84	60,561	3,847	6.8
1984-85	55,337	-5,224	-8.6
1985-86	58,919	3,582	6.5
1986-87	59,157	238	.4
1987-88	47,334	-11,823	-20.0
1988-89	52,631	5,297	11.2
1989-90	80,206	27,575	52.4
1990-91	75,735	-4,471	-5.6

NUMBER OF ADULT BASIC EDUCATION STUDENTS IN MICHIGAN (GRADES 1-8)



Source: Adult Extended Learning Services
Michigan Department of Education





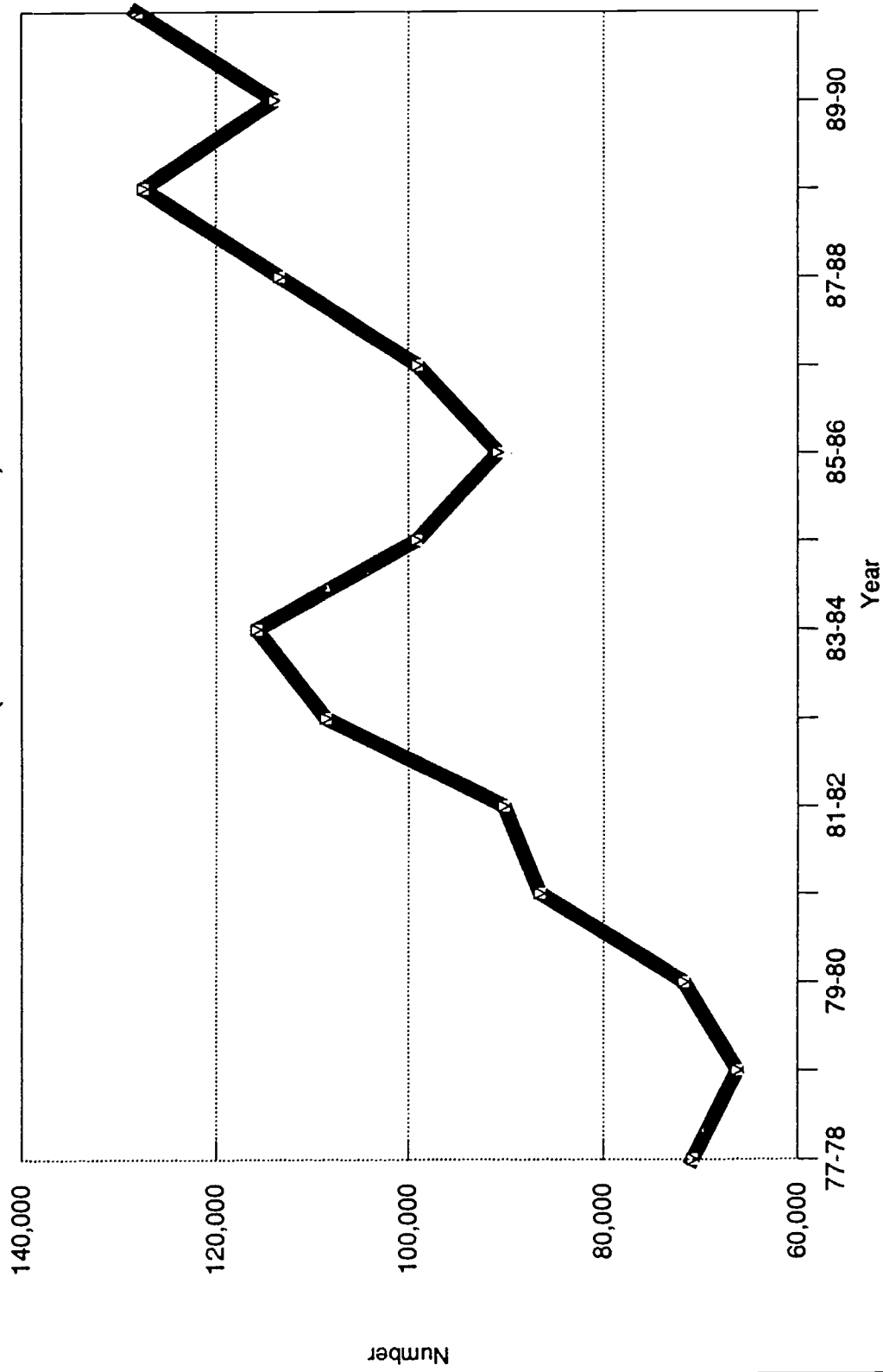
NUMBER OF ADULT SECONDARY EDUCATION STUDENTS IN MICHIGAN (GRADES 9-12)

The total number of adult secondary education students in Michigan (Grades 9-12) was 128,289 in the 1990-91 school

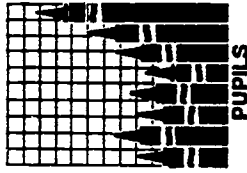
year. The number of adult secondary education students increased by 57,417 or 81.0% between 1977-78 and 1990-91.

Year	Number	Change from Previous Year	
		Number	Percent
1977-78	70,872		
1978-79	66,312	-4,560	-6.4
1979-80	71,764	5,452	8.2
1980-81	86,490	14,726	20.5
1981-82	90,172	3,682	4.3
1982-83	108,625	18,453	20.5
1983-84	115,821	7,196	6.6
1984-85	99,144	-16,677	-14.4
1985-86	90,724	-8,420	-8.5
1986-87	99,118	8,394	9.3
1987-88	113,463	14,345	14.5
1988-89	127,599	14,136	12.5
1989-90	113,972	-13,627	-10.7
1990-91	128,289	14,317	12.6

NUMBER OF ADULT SECONDARY EDUCATION STUDENTS IN MICHIGAN (GRADES 9-12)



Source: Adult Extended Learning Services
Michigan Department of Education



NUMBER OF CHILDREN IN MICHIGAN SERVED BY THE STATE-FUNDED EARLY CHILDHOOD EDUCATION PROGRAMS FOR FOUR-YEAR-OLDS AT RISK OF SCHOOL FAILURE

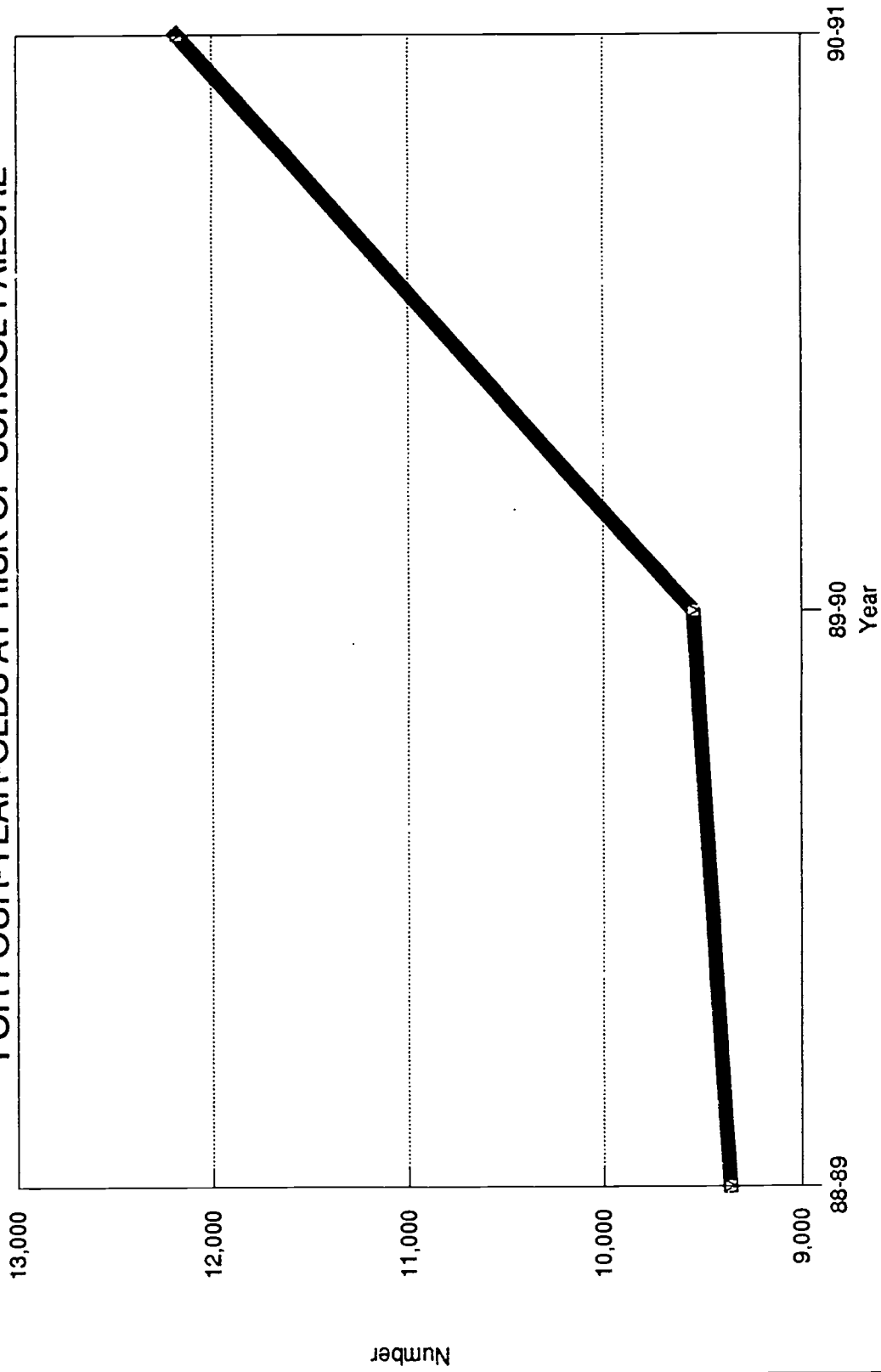
The total number of children in Michigan served by the state-funded early childhood education programs for four-year-olds at risk of school failure was 12,179 in the

1990-91 fiscal year. The number of children served by the programs increased by 2,629 or 27.5% from the previous year.

Year	Number	Change from Previous Year	
		Number	Percent
1988-89	9,366 *		
1989-90	9,550	184	2.0
1990-91	12,179	2,629	27.5

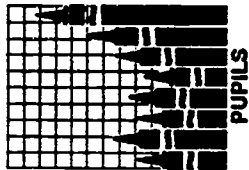
*This figure is based on the funding for both 1987-88 and 1988-89 fiscal years.

NUMBER OF CHILDREN IN MICHIGAN SERVED BY THE
STATE-FUNDED EARLY CHILDHOOD EDUCATION PROGRAMS
FOR FOUR-YEAR-OLDS AT RISK OF SCHOOL FAILURE



Source: School Program Services
Michigan Department of Education





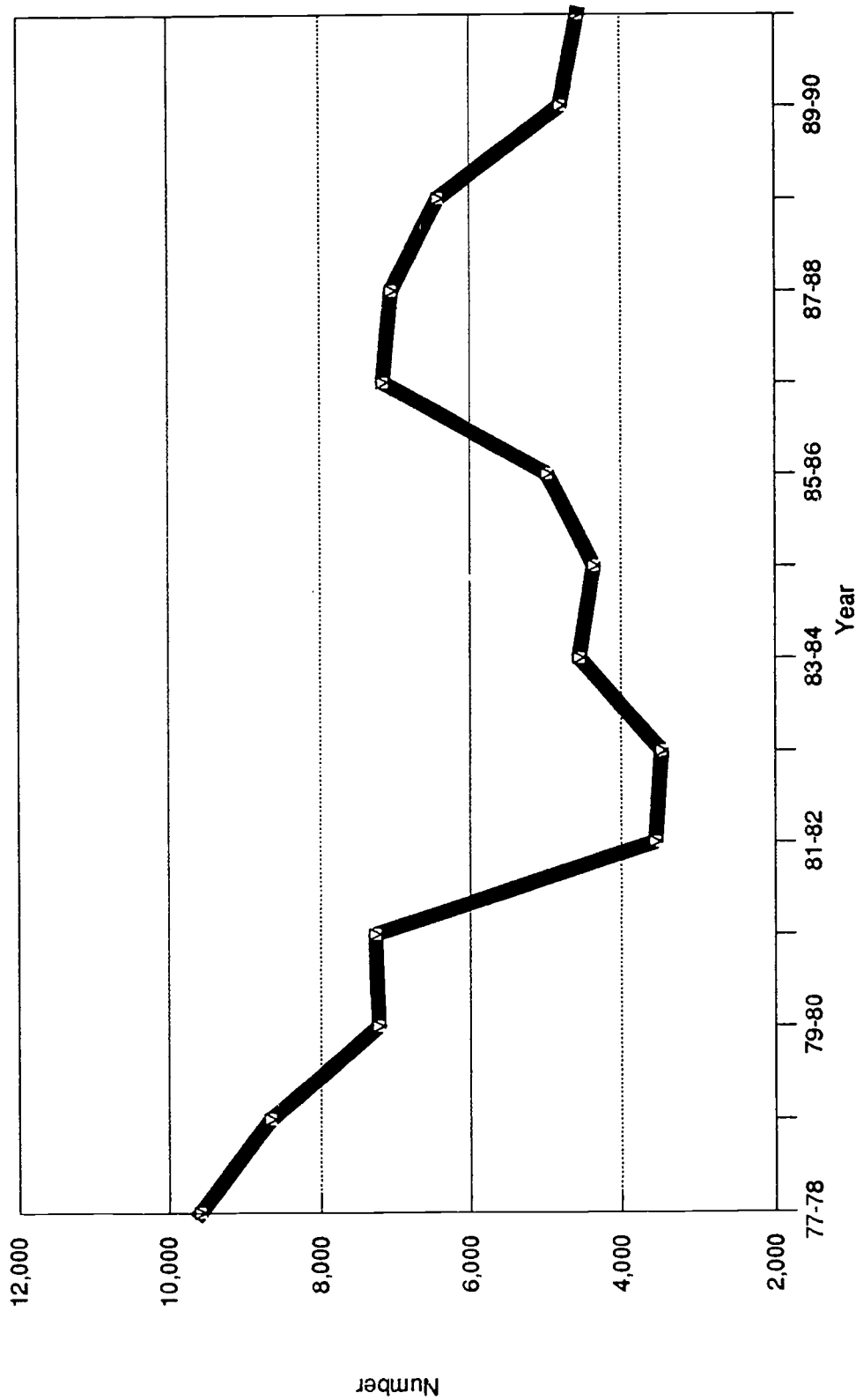
NUMBER OF CHILDREN IN MICHIGAN SERVED BY THE FEDERAL EARLY CHILDHOOD EDUCATION PROGRAMS (CHAPTER 1)

The total number of children in Michigan served by the federal early childhood education programs (Chapter 1) was 4,560 in the 1990-91 school year. Between 1977-78 and 1990-91, the

number of children served by the programs ranged from a peak of 9,589 in 1977-78 to a low of 3,475 in 1982-83.

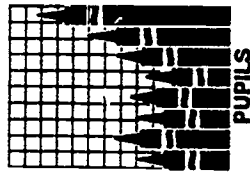
Year	Change from Previous Year	
	Number	Percent
1977-78	9,589	
1978-79	8,668	-9.6
1979-80	7,230	-1,438
1980-81	7,275	45
1981-82	3,552	-3,723
1982-83	3,475	-77
1983-84	4,552	1,077
1984-85	4,359	-193
1985-86	4,975	616
1986-87	7,164	2,189
1987-88	7,052	-112
1988-89	6,426	-626
1989-90	4,790	-1,636
1990-91	4,560	-230

NUMBER OF CHILDREN IN MICHIGAN SERVED BY THE FEDERAL EARLY CHILDHOOD EDUCATION PROGRAMS (CHAPTER 1)



Source: Office of Information, Research and Evaluation Services
Michigan Department of Education





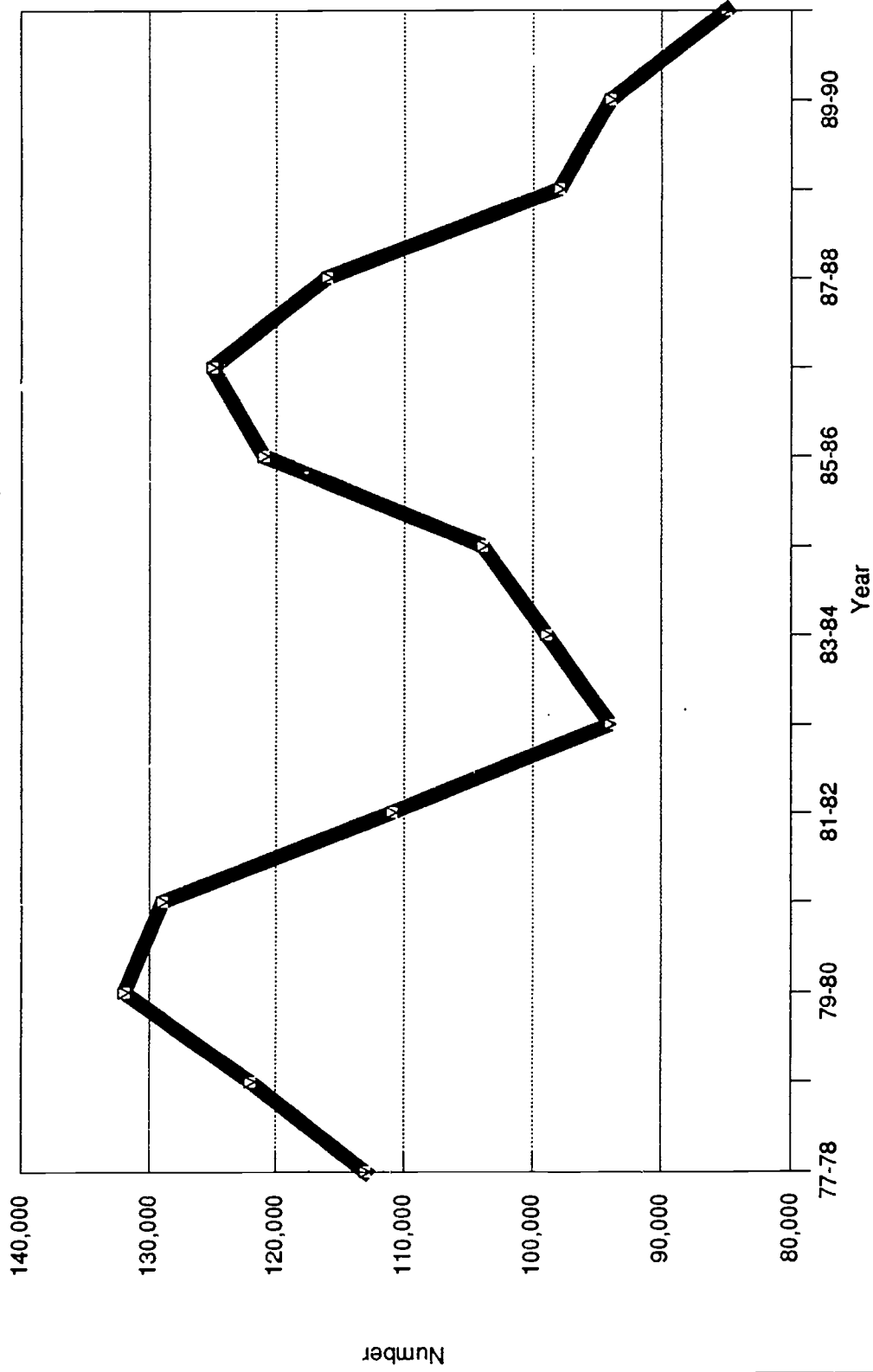
NUMBER OF STUDENTS IN MICHIGAN SERVED BY THE STATE COMPENSATORY EDUCATION PROGRAMS (ARTICLE 3)

In the 1990-91 school year approximately 85,000 students in Michigan were served by the state compensatory education programs (Article 3). The Article 3 programs are designed to improve basic cognitive skills of low achieving students.

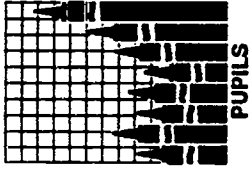
Between 1977-78 and 1990-91, the number of students served by the programs ranged from a peak of 132,000 in 1979-80 to a low of 85,000 in 1990-91.

Year	Approximate Number	Change from Previous Year Number	Change from Previous Year Percent
1977-78	113,000		
1978-79	122,000	9,000	8.0
1979-80	132,000	10,000	8.2
1980-81	129,000	-3,000	-2.3
1981-82	111,000	-18,000	-14.0
1982-83	94,000	-17,000	-15.3
1983-84	99,000	5,000	5.3
1984-85	104,000	5,000	5.1
1985-86	121,000	17,000	16.3
1986-87	125,000	4,000	3.3
1987-88	116,000	-9,000	-7.2
1988-89	98,000	-18,000	-15.5
1989-90	94,000	-4,000	-4.1
1990-91	85,000	-9,000	-9.6

**NUMBER OF STUDENTS IN MICHIGAN SERVED
BY THE STATE COMPENSATORY EDUCATION PROGRAMS
(ARTICLE 3)**



Source: School Program Services
Michigan Department of Education



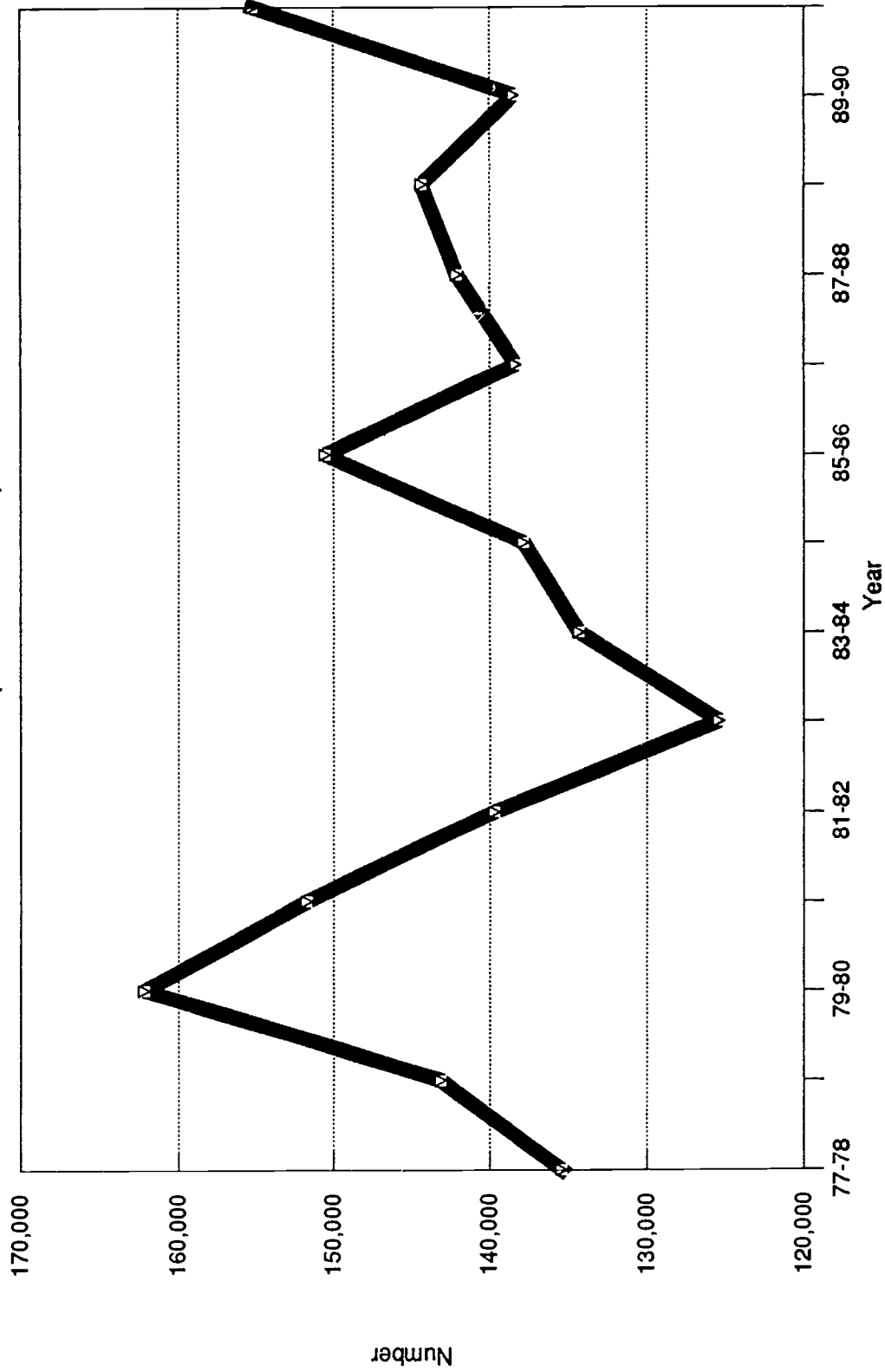
NUMBER OF STUDENTS IN MICHIGAN SERVED BY THE FEDERAL COMPENSATORY EDUCATION PROGRAMS (CHAPTER 1)

The total number of students in Michigan served by the federal compensatory education programs (Chapter 1) was 155,246 in the 1990-91 school year. The Chapter 1 programs are designed to improve the mathematics and reading skills of educationally disadvantaged students in schools serving areas

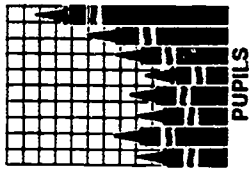
with a high concentration of low income families. Between 1977-78 and 1990-91, the number of students served by the programs ranged from a peak of 162,219 in 1979-80 to a low of 125,433 in 1982-83.

Year	Number of Students Grades K-12	Change from Previous Year	
		Number	Percent
1977-78	135,408		
1978-79	143,133	7,725	5.7
1979-80	162,219	19,086	13.3
1980-81	151,770	-10,449	-6.4
1981-82	139,719	-12,051	-7.9
1982-83	125,433	-14,286	-10.2
1983-84	134,338	8,905	7.1
1984-85	137,851	3,513	2.6
1985-86	150,561	12,710	9.2
1986-87	138,337	-12,224	-8.1
1987-88	142,093	3,756	2.7
1988-89	144,339	2,246	1.6
1989-90	138,480	-5,859	-4.1
1990-91	155,246	16,766	12.1

**NUMBER OF STUDENTS IN MICHIGAN SERVED
BY THE FEDERAL COMPENSATORY EDUCATION PROGRAMS
(CHAPTER 1)**



Source: Office of Information, Research and Evaluation Services
Michigan Department of Education

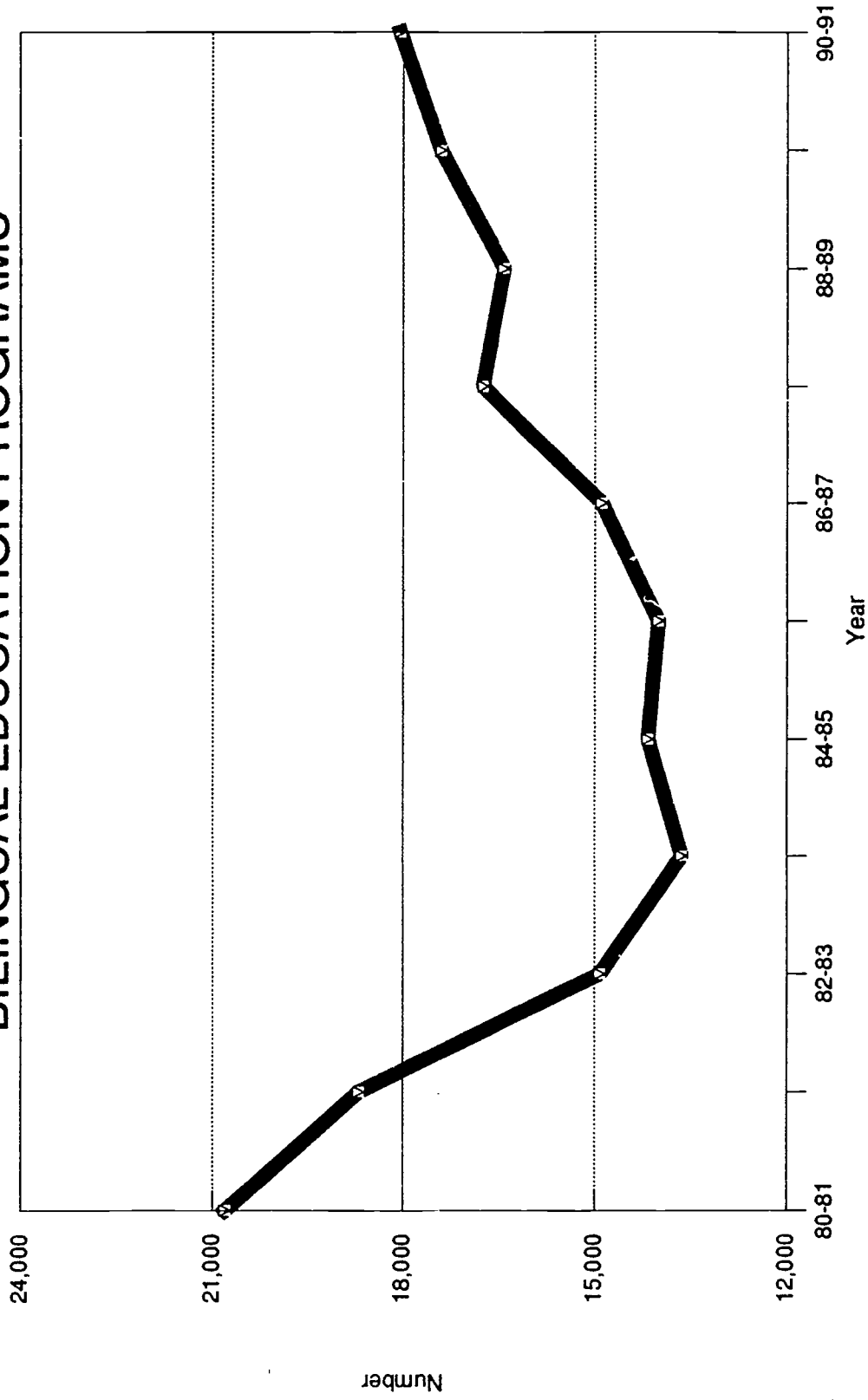


NUMBER OF STUDENTS IN MICHIGAN SERVED BY THE STATE BILINGUAL EDUCATION PROGRAMS

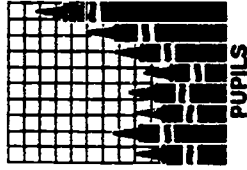
The total number of students in Michigan served by the state bilingual education programs was 18,048 in the 1990-91 school year. The number of students served by the bilingual education programs ranged from a peak of 20,805 in 1980-81 to a low of 13,648 in 1983-84 between 1980-81 and 1990-91.

Year	Number	Change from Previous Year	
		Number	Percent
1980-81	20,805		
1981-82	18,700	-2,105	-10.1
1982-83	14,920	-3,780	-20.2
1983-84	13,648	-1,272	-8.5
1984-85	14,178	530	3.9
1985-86	14,008	-170	-1.2
1986-87	14,891	883	6.3
1987-88	16,740	1,849	12.4
1988-89	16,410	-330	-2.0
1989-90	17,405	995	6.1
1990-91	18,048	643	3.7

NUMBER OF STUDENTS IN MICHIGAN SERVED BY THE STATE BILINGUAL EDUCATION PROGRAMS



Source: School Program Services
Michigan Department of Education



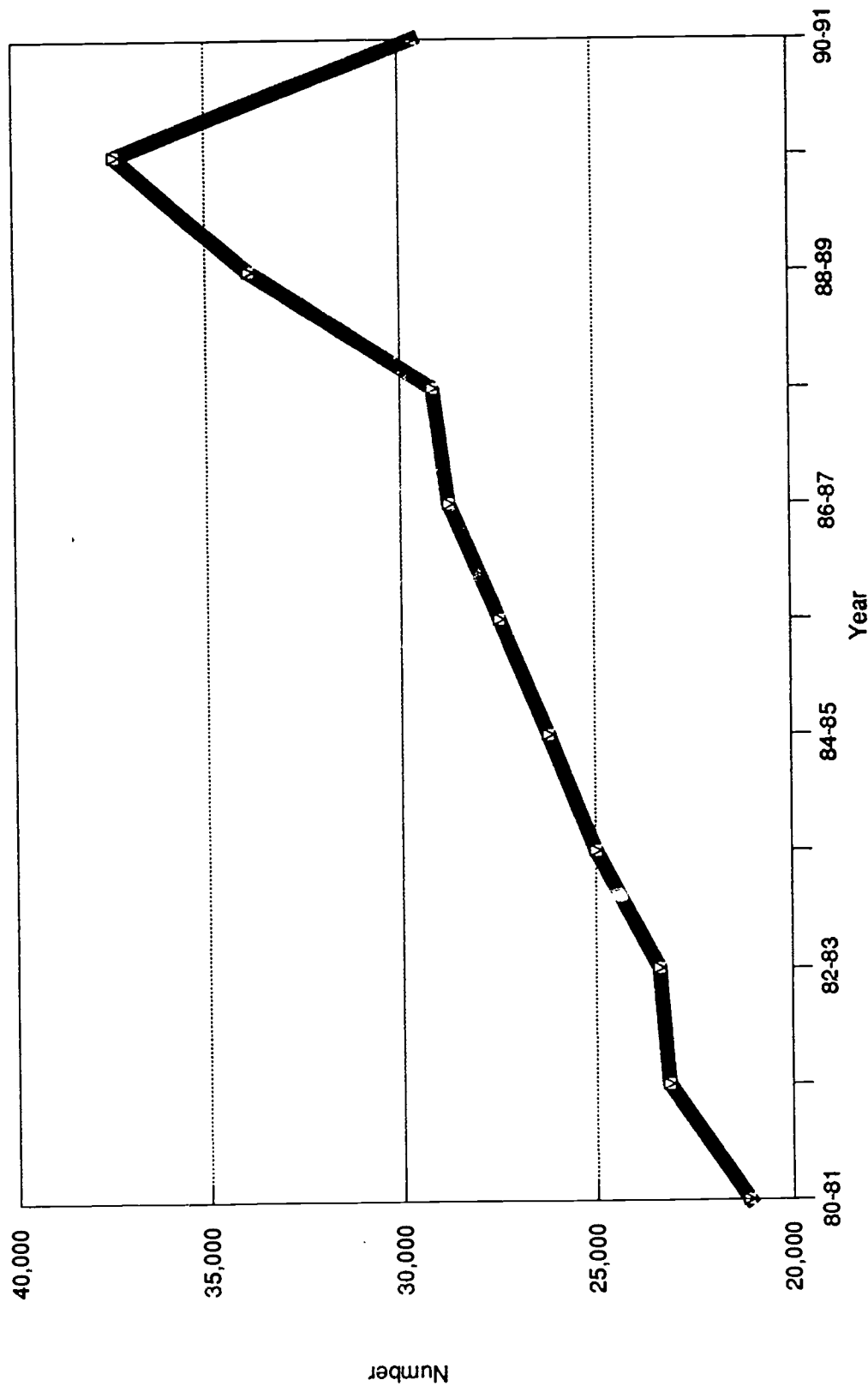
NUMBER OF STUDENTS IN MICHIGAN SERVED BY THE FEDERAL MIGRANT EDUCATION PROGRAMS

The total number of students in Michigan served by the federal migrant education programs was 29,634 in the 1990-91 school year. Between 1980-81 and 1990-91, the number of migrant

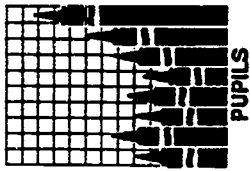
education students ranged from a low of 21,136 in 1980-81 to a peak of 37,365 in 1989-90.

Year	Number	Change from Previous Year	
		Number	Percent
1980-81	21,136		
1981-82	23,149	2,013	9.5
1982-83	23,396	247	1.1
1983-84	24,993	1,597	6.8
1984-85	26,196	1,203	4.8
1985-86	27,466	1,270	4.8
1986-87	28,767	1,301	4.7
1987-88	29,173	406	1.4
1988-89	33,902	4,729	16.2
1989-90	37,365	3,463	10.2
1990-91	29,634	-7,731	-20.7

NUMBER OF STUDENTS IN MICHIGAN SERVED BY THE FEDERAL MIGRANT EDUCATION PROGRAMS



Source: School Program Services
Michigan Department of Education

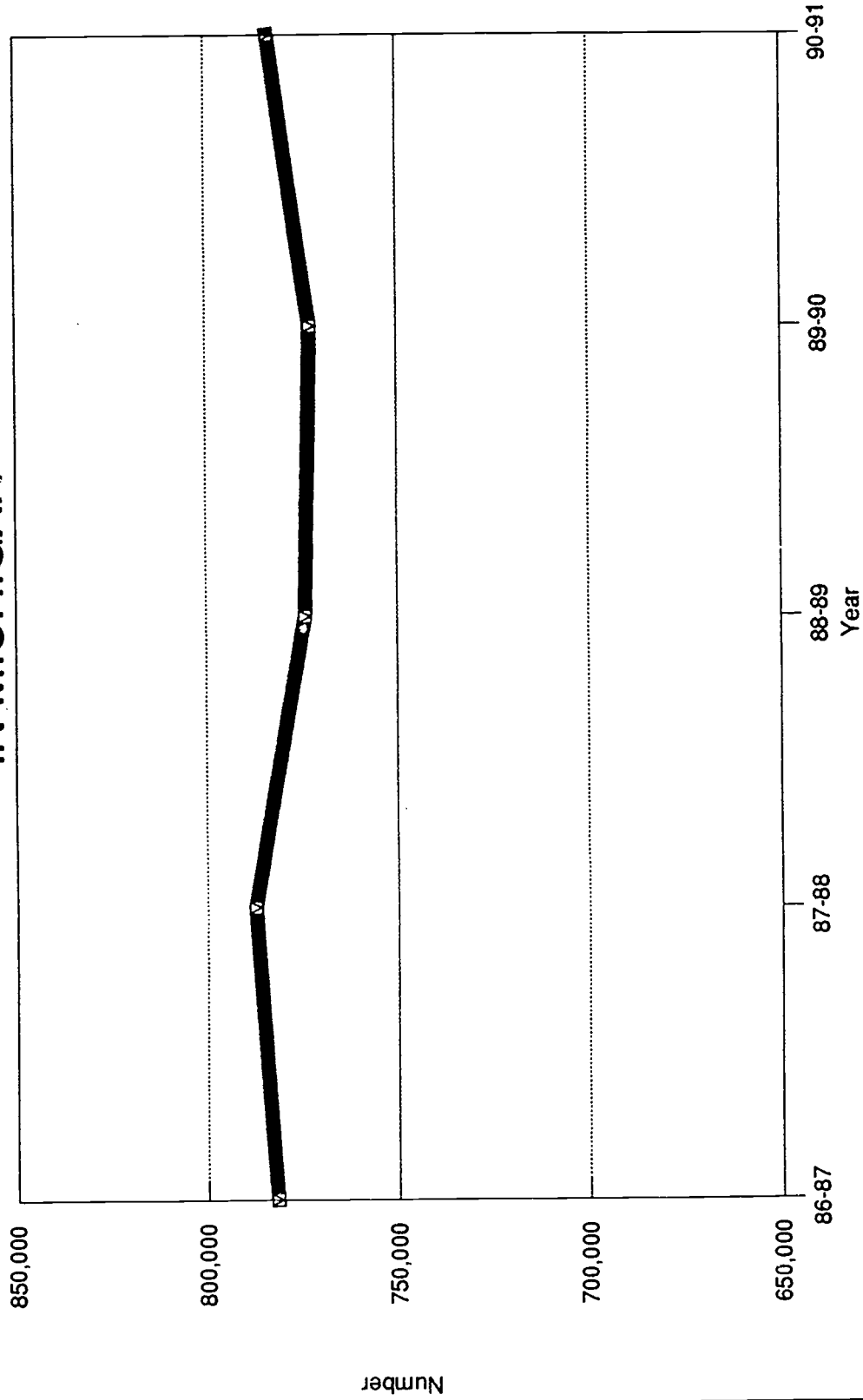


AVERAGE NUMBER OF REGULAR EDUCATION STUDENTS TRANSPORTED DAILY IN MICHIGAN

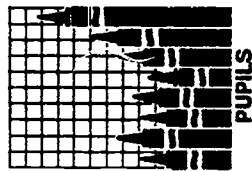
The average number of regular education students in Michigan who were transported daily ranged from a peak of 787,452 in 1987-88 to a low of 772,573 in 1989-90 between 1986-87 and 1990-91.

Year	Change from Previous Year	
	Number	Percent
1986-87	781,782	
1987-88	787,452	5,670 .7
1988-89	774,087	-13,365 -1.7
1989-90	772,573	-1,514 -2
1990-91	783,457	10,884 1.4

AVERAGE NUMBER OF REGULAR EDUCATION STUDENTS TRANSPORTED DAILY IN MICHIGAN



Source: School Management Services
Michigan Department of Education



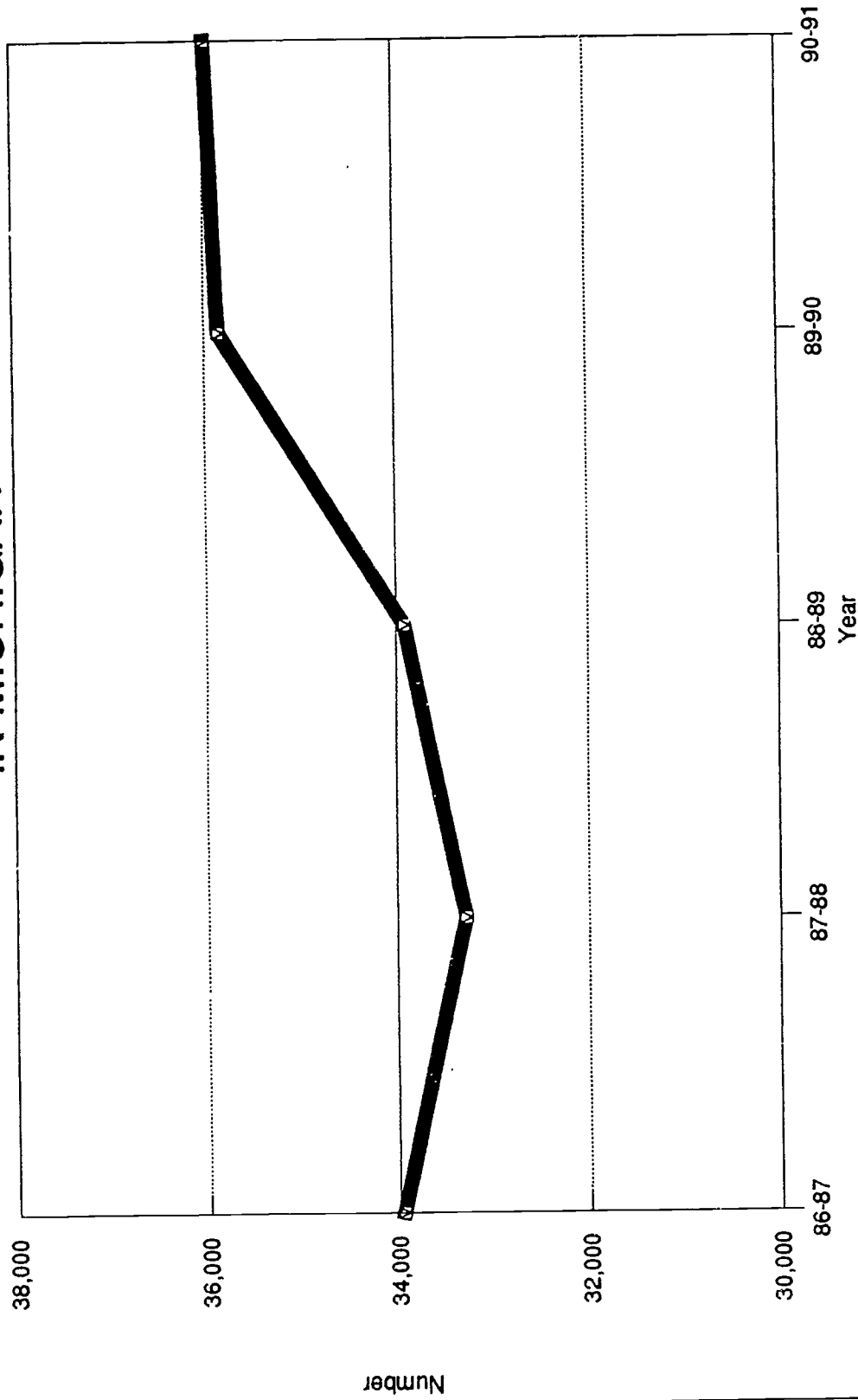
AVERAGE NUMBER OF SPECIAL EDUCATION STUDENTS TRANSPORTED DAILY IN MICHIGAN

The average number of special education students in Michigan who were transported daily ranged from a low of 33,289 in

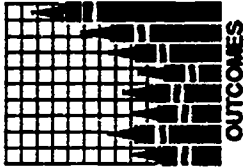
1987-88 to a peak of 35,983 in 1990-91 between 1986-87 and 1990-91.

Year	Number	Change from Previous Year	
		Number	Percent
1986-87	33,957		
1987-88	33,289	-668	-2.0
1988-89	33,920	631	1.9
1989-90	35,855	1935	5.7
1990-91	35,983	128	.4

AVERAGE NUMBER OF SPECIAL EDUCATION STUDENTS TRANSPORTED DAILY IN MICHIGAN



Source: School Management Services
Michigan Department of Education



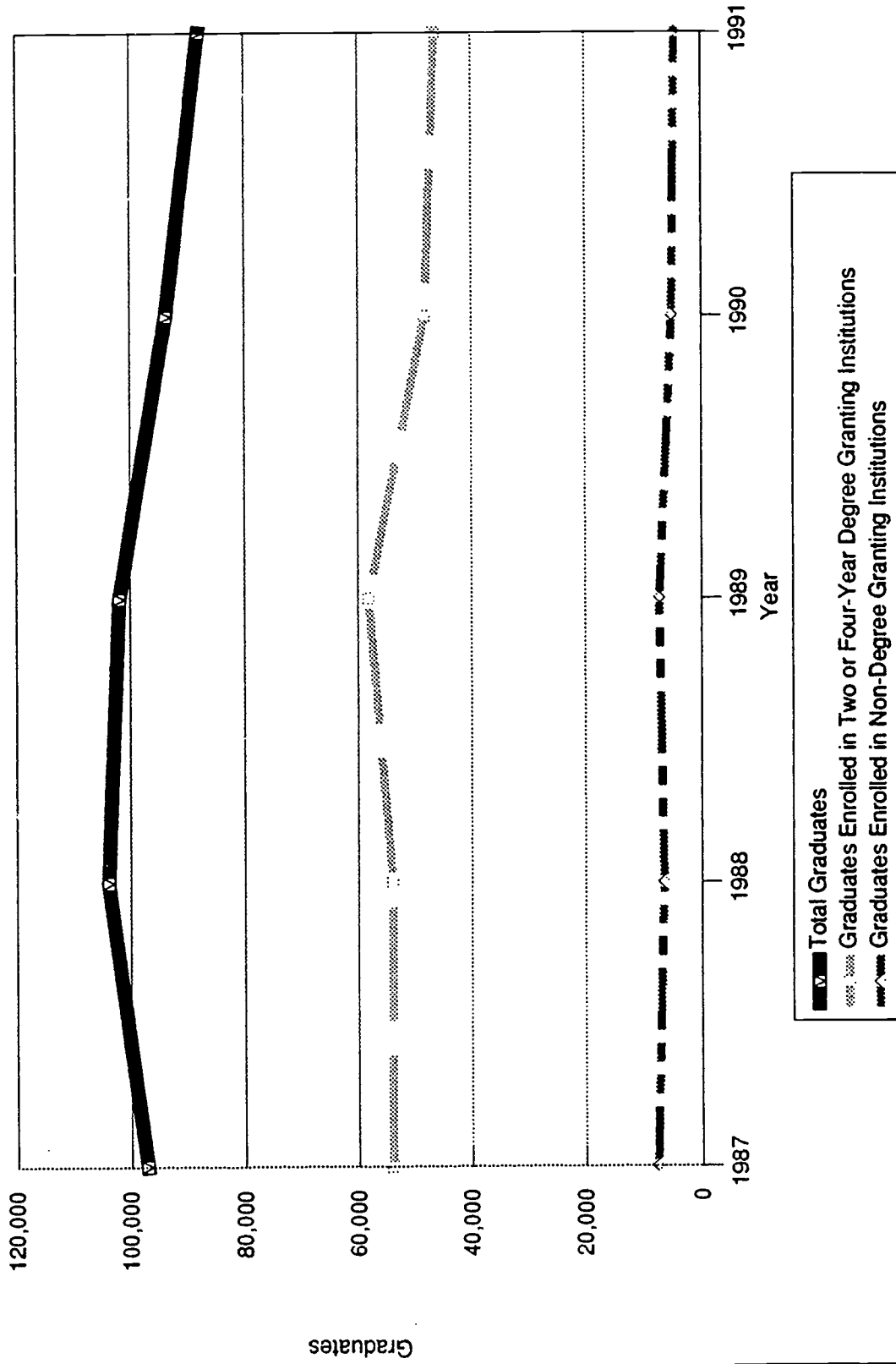
PUBLIC HIGH SCHOOL GRADUATES IN MICHIGAN

The total number of public high school graduates in Michigan in 1991 was 88,003. Approximately 53% of the graduates enrolled in two or four-year degree granting colleges or universities. In addition, about five percent of the graduates

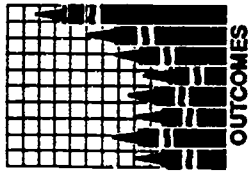
enrolled in non-degree granting postsecondary educational institutions (e.g., trade, technical, vocational or business school).

Year	Total Graduates	Graduates Enrolled in Two or Four-Year Degree Granting Institutions		Graduates Enrolled in Non-Degree Granting Institutions	
		Actual Number	Percent	Actual Number	Percent
1987	97,262	54,122	55.6	7,731	7.9
1988	103,918	54,040	52.0	6,618	6.4
1989	101,948	58,233	57.1	7,332	7.2
1990	93,807	48,319	51.5	5,170	5.5
1991	88,003	46,478	52.8	4,608	5.2

PUBLIC HIGH SCHOOL GRADUATES IN MICHIGAN



Source: Information, Research and Evaluation Services
Michigan Department of Education



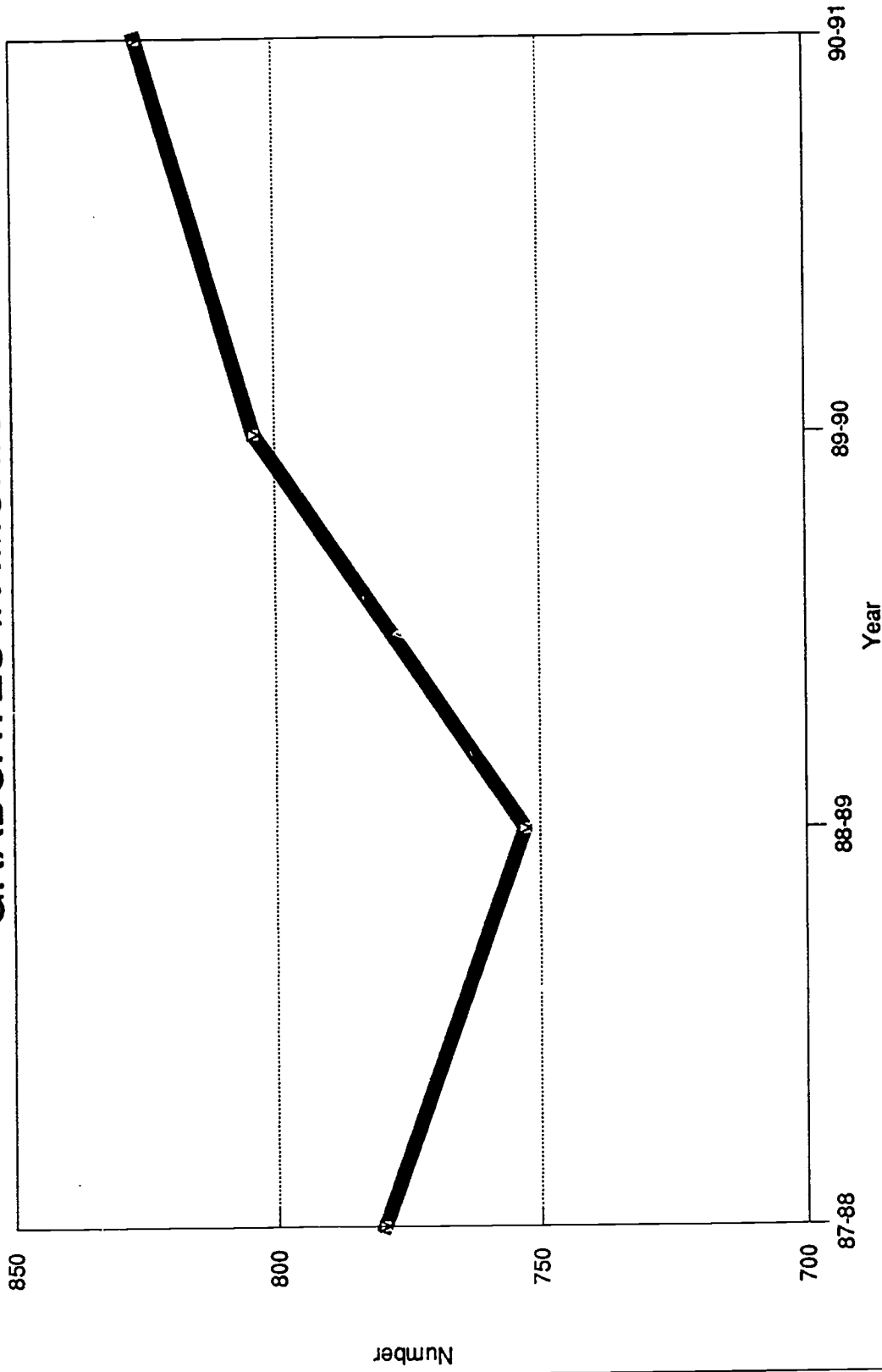
NUMBER OF AMERICAN INDIAN PUBLIC HIGH SCHOOL GRADUATES IN MICHIGAN

The total number of American Indian public high school graduates in Michigan was 826 in the 1990-91 school year.

The number of American Indian high school graduates increased by 22 or 2.7% from the previous year.

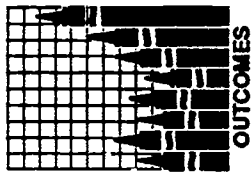
Year	Total	Change from Previous Year Number	Percent
1987-88	780		
1988-89	753	-27	-3.5
1989-90	804	51	6.8
1990-91	826	22	2.7

NUMBER OF AMERICAN INDIAN PUBLIC HIGH SCHOOL GRADUATES IN MICHIGAN



Source: Office of Information, Research and Evaluation Services
Michigan Department of Education





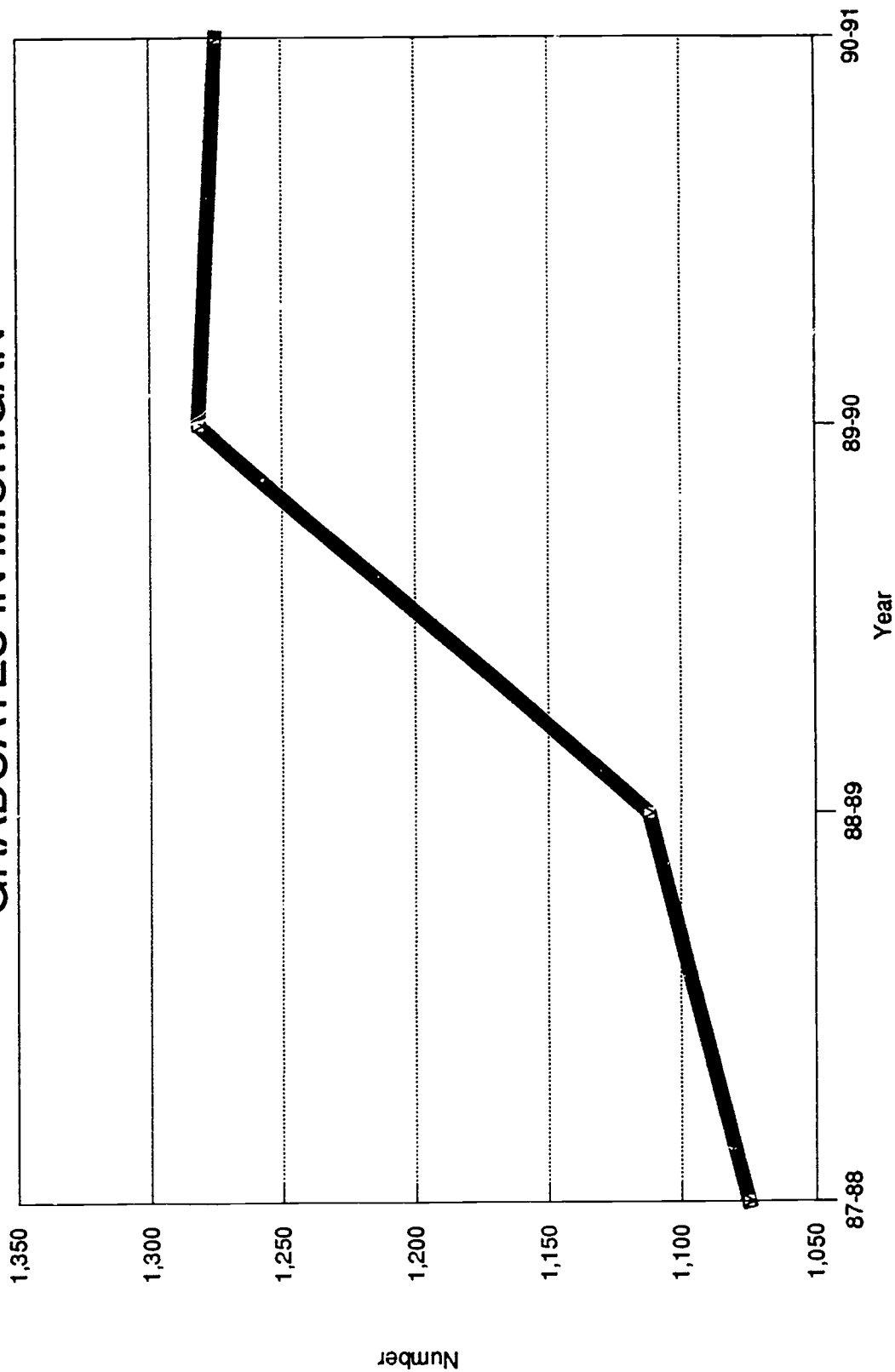
NUMBER OF ASIAN AMERICAN PUBLIC HIGH SCHOOL GRADUATES IN MICHIGAN

The total number of Asian American public high school graduates in Michigan was 1,275 in the 1990-91 school year.

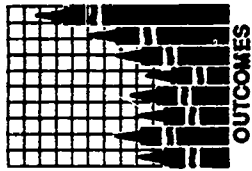
The number of Asian American high school graduates decreased by 7 or 0.5% from the previous year.

Year	Total	Change from Previous Year	
		Number	Percent
1987-88	1,075		
1988-89	1,112	37	3.4
1989-90	1,282	170	15.3
1990-91	1,275	-7	-.5

NUMBER OF ASIAN AMERICAN PUBLIC HIGH SCHOOL GRADUATES IN MICHIGAN



Source: Office of Information, Research and Evaluation Services
Michigan Department of Education

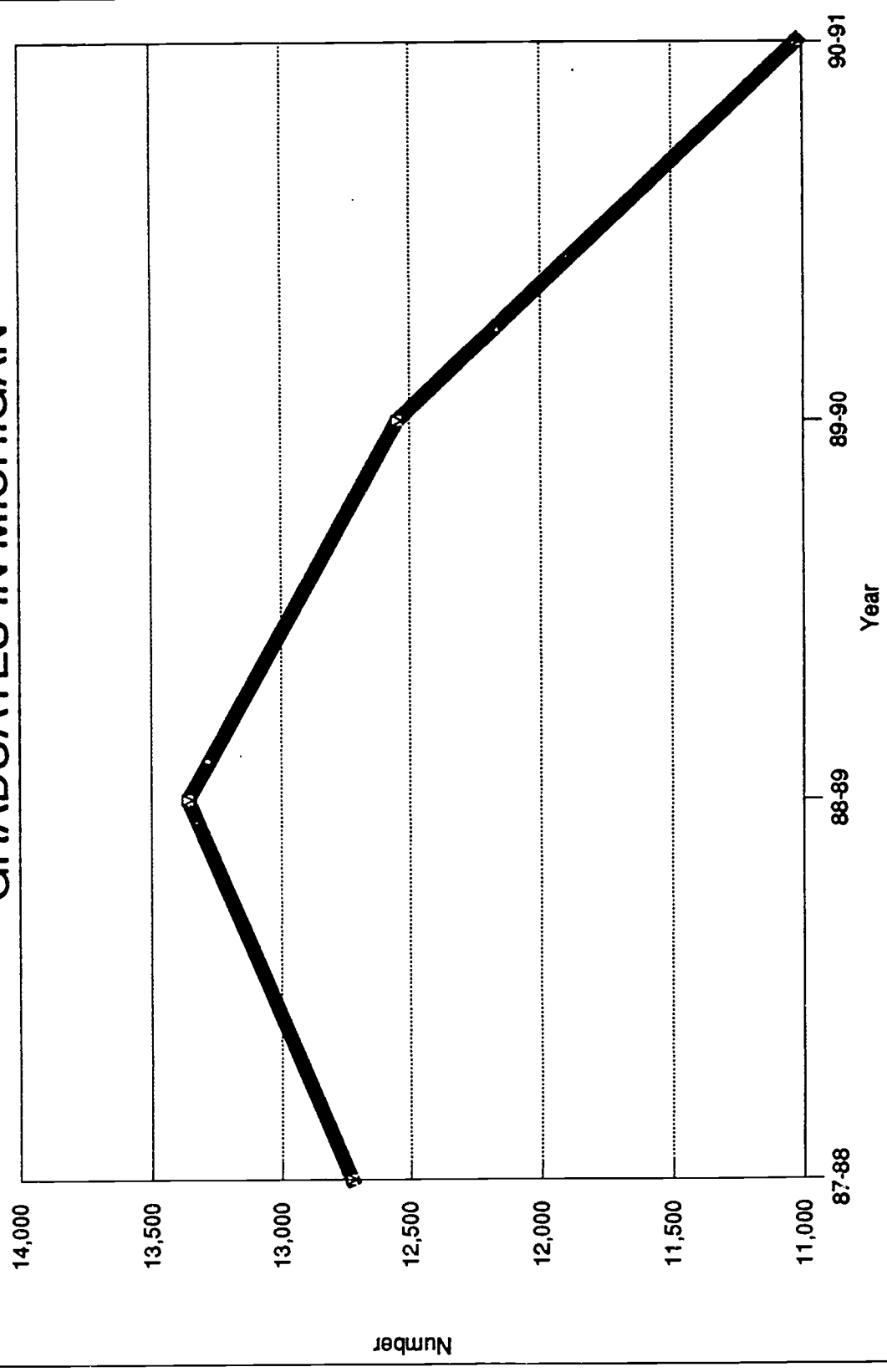


NUMBER OF BLACK PUBLIC HIGH SCHOOL GRADUATES IN MICHIGAN

The total number of Black public high school graduates in Michigan was 11,021 in the 1990-91 school year. The number of Black high school graduates decreased by 1,529 or 12.2% from the previous year.

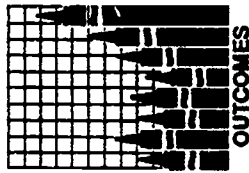
Year	Total	Change from Previous Year	
		Number	Percent
1987-88	12,730		
1988-89	13,360	630	4.9
1989-90	12,550	-810	-6.1
1990-91	11,021	-1,529	-12.2

NUMBER OF BLACK PUBLIC HIGH SCHOOL GRADUATES IN MICHIGAN



Source: Office of Information, Research and Evaluation Services
Michigan Department of Education





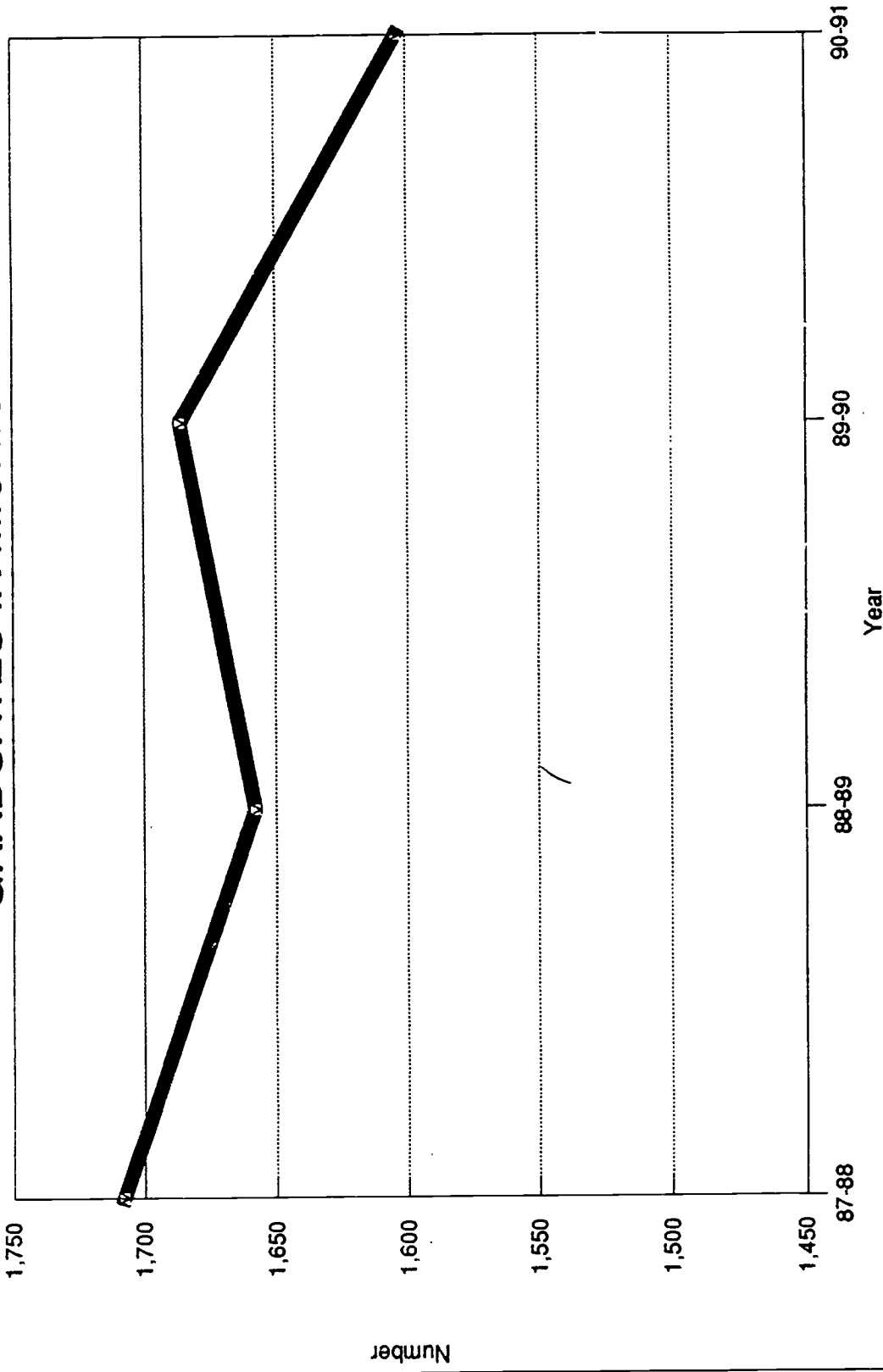
NUMBER OF HISPANIC PUBLIC HIGH SCHOOL GRADUATES IN MICHIGAN

The total number of Hispanic public high school graduates in Michigan was 1,604 in the 1990-91 school year. The number

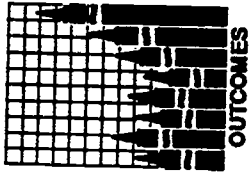
of Hispanic high school graduates decreased by 82 or 4.9% from the previous year.

Year	Total	Change from Previous Year	
		Number	Percent
1987-88	1,708		
1988-89	1,658	-50	-2.9
1989-90	1,686	28	1.7
1990-91	1,604	-82	-4.9

NUMBER OF HISPANIC PUBLIC HIGH SCHOOL GRADUATES IN MICHIGAN



Source: Office of Information, Research and Evaluation Services
Michigan Department of Education

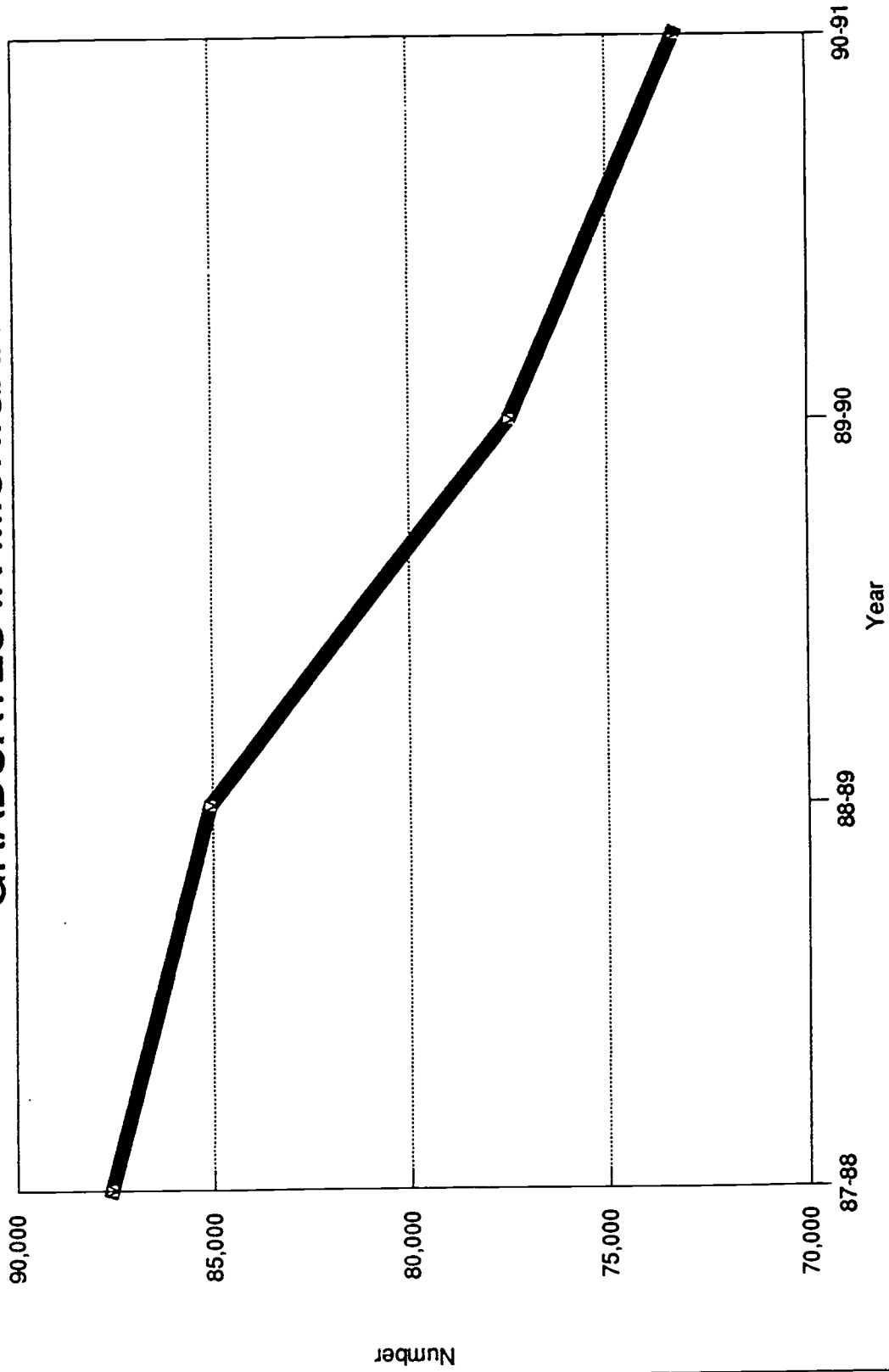


NUMBER OF WHITE PUBLIC HIGH SCHOOL GRADUATES IN MICHIGAN

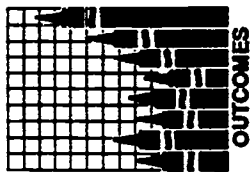
The total number of White public high school graduates in Michigan was 73,277 in the 1990-91 school year. The number of White high school graduates decreased by 4,208 or 5.4% from the previous year.

Year	Total	Change from Previous Year Number	Percent
1987-88	87,625		
1988-89	85,065	-2,560	-2.9
1989-90	77,485	-7,580	-8.9
1990-91	73,277	-4,208	-5.4

NUMBER OF WHITE PUBLIC HIGH SCHOOL GRADUATES IN MICHIGAN



Source: Office of Information, Research and Evaluation Services
Michigan Department of Education



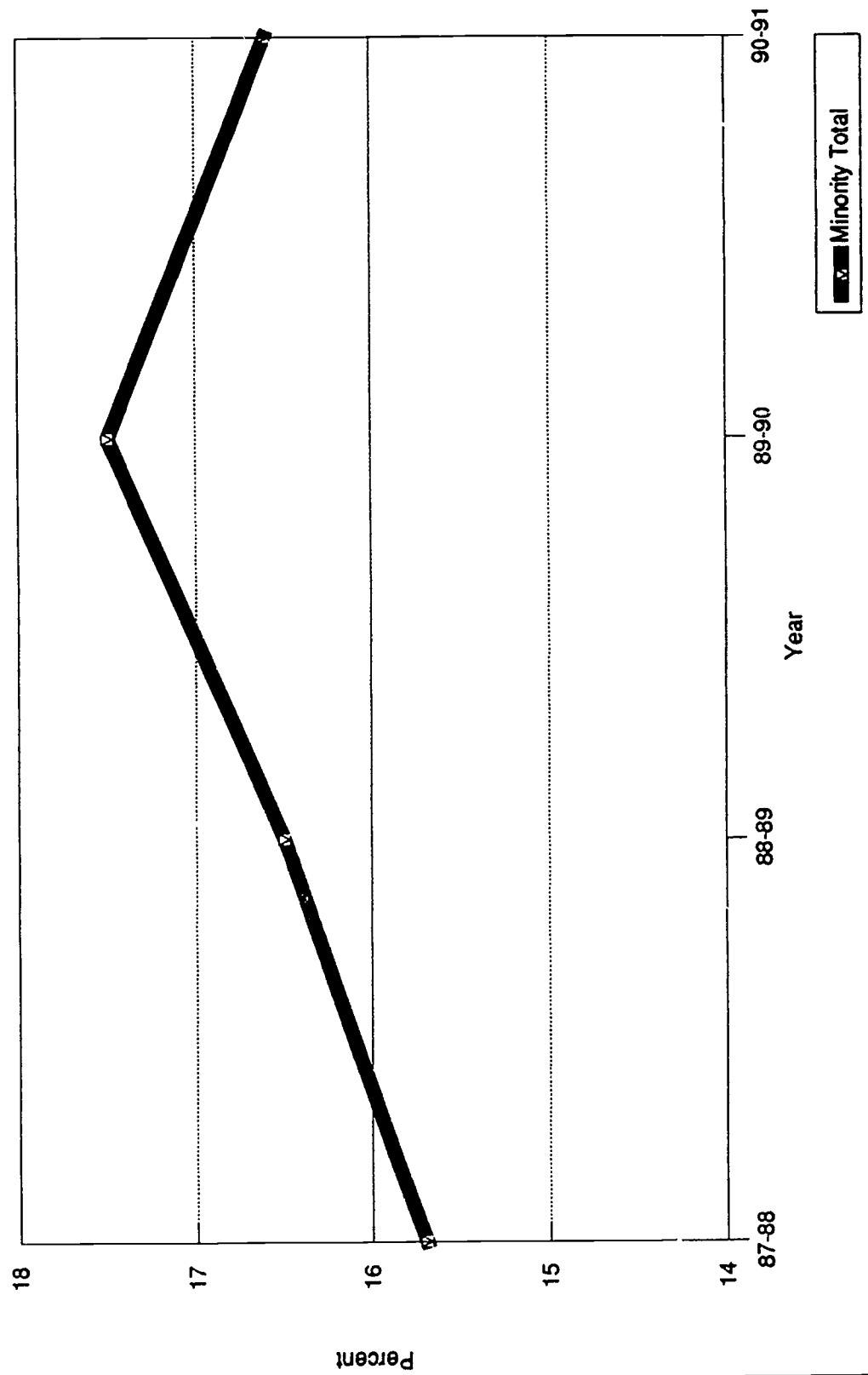
RACIAL-ETHNIC DISTRIBUTION OF PUBLIC HIGH SCHOOL GRADUATES IN MICHIGAN

In the 1990-91 school year, the statewide distribution of 88,003 public high school graduates in Michigan by racial-ethnic group was as follows: American Indian-0.9%; Asian American-1.4%; Black-12.5%; Hispanic-1.8%; and White-83.3%. The percents

of American Indian, Asian American and Hispanic graduates did not change from the preceding year. The percent of Black graduates decreased slightly and the percent of White graduates increased slightly from the previous year.

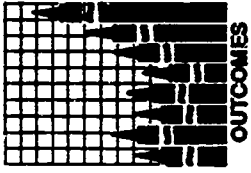
Year	American Indian %	Asian American %	Black %	Hispanic %	White %
1987-88	.8	1.0	12.3	1.6	84.3
1988-89	.7	1.1	13.1	1.6	83.4
1989-90	.9	1.4	13.4	1.8	82.6
1990-91	.9	1.4	12.5	1.8	83.3

RACIAL-ETHNIC DISTRIBUTION OF PUBLIC HIGH SCHOOL GRADUATES IN MICHIGAN



Source: Office of Information, Research and Evaluation Services
Michigan Department of Education



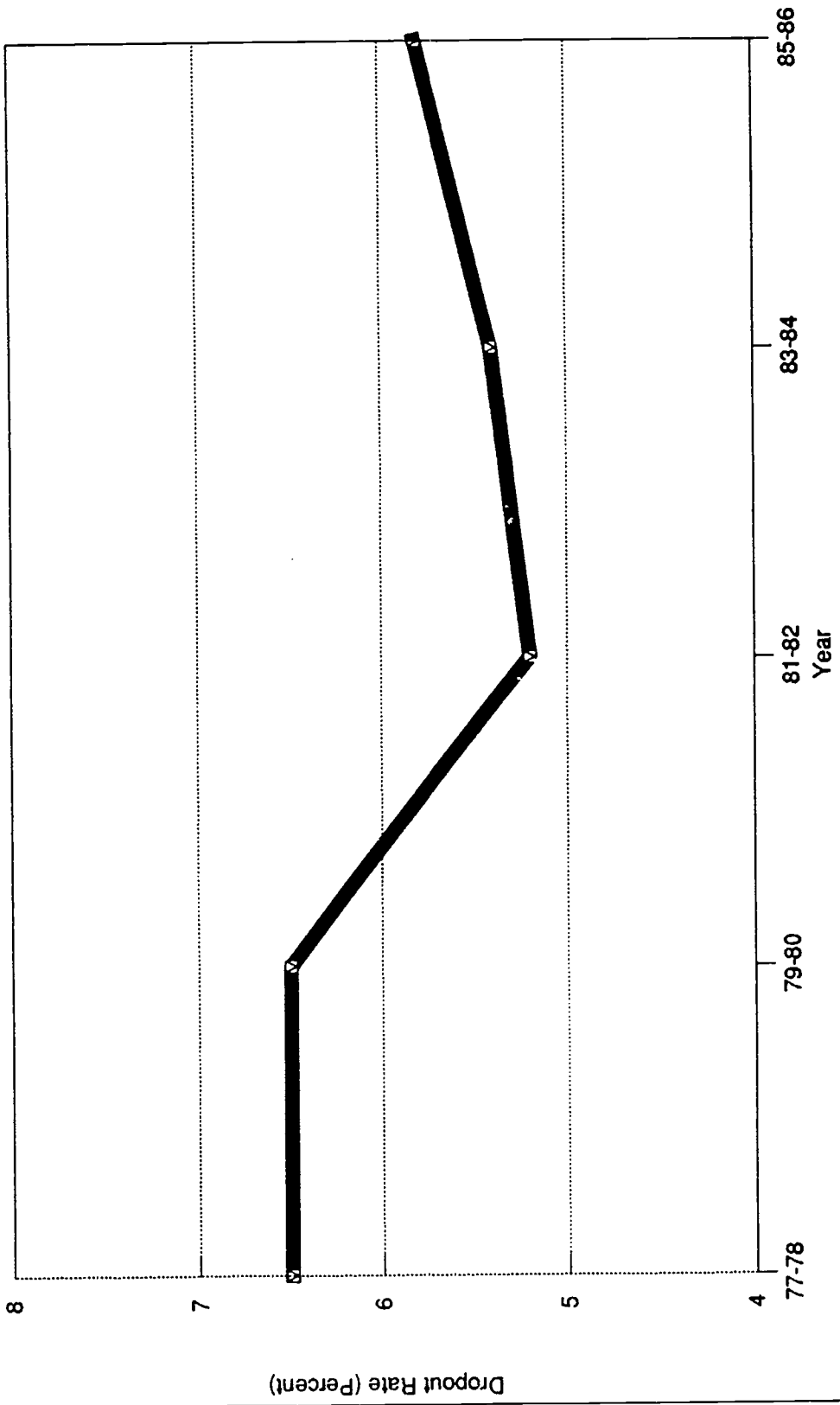


PUBLIC SCHOOL DROPOUT RATE IN MICHIGAN (GRADES 9-12) (HISTORICAL)

The annual dropout rate for Michigan's public school students
in grades 9-12 fluctuated between 5.2% and 6.5% between
1977-78 and 1985-86.

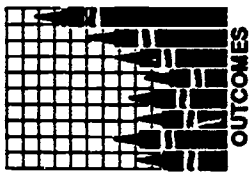
Year	Dropout Rate (%)
1977-78	6.5
1979-80	6.5
1981-82	5.2
1983-84	5.4
1985-86	5.8

PUBLIC SCHOOL DROPOUT RATE IN MICHIGAN (GRADES 9-12) (HISTORICAL)



Source: Information, Research and Evaluation Services
Michigan Department of Education





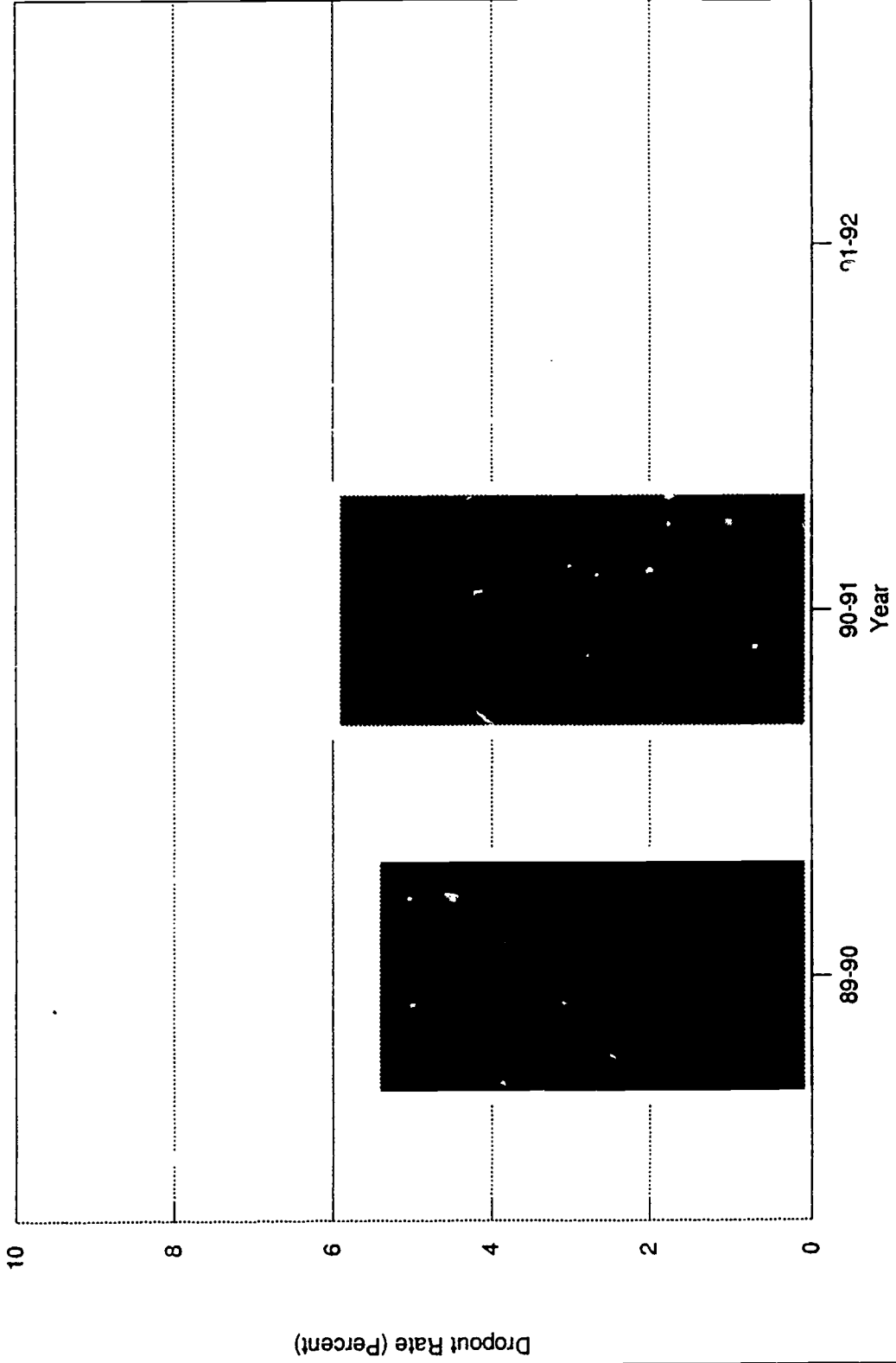
PUBLIC SCHOOL DROPOUT RATE IN MICHIGAN (GRADES 9-12)

Michigan's public school dropout rate* in grades 9-12 for 1990-91 was 6.0%. The dropout rate increased by 0.5% from the preceding year.

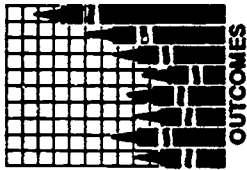
* Dropout rate refers to the percentage of students who have left a school district over a twelve-month period. In calculating the dropout rate, adjustment is made for those students who transfer in, transfer out, and graduate.

Year	Dropout Rate (%)
1989-90	5.5
1990-91	6.0

PUBLIC SCHOOL DROPOUT RATE IN MICHIGAN (GRADES 9-12)



Source: Office of Information, Research and Evaluation Services
Michigan Department of Education



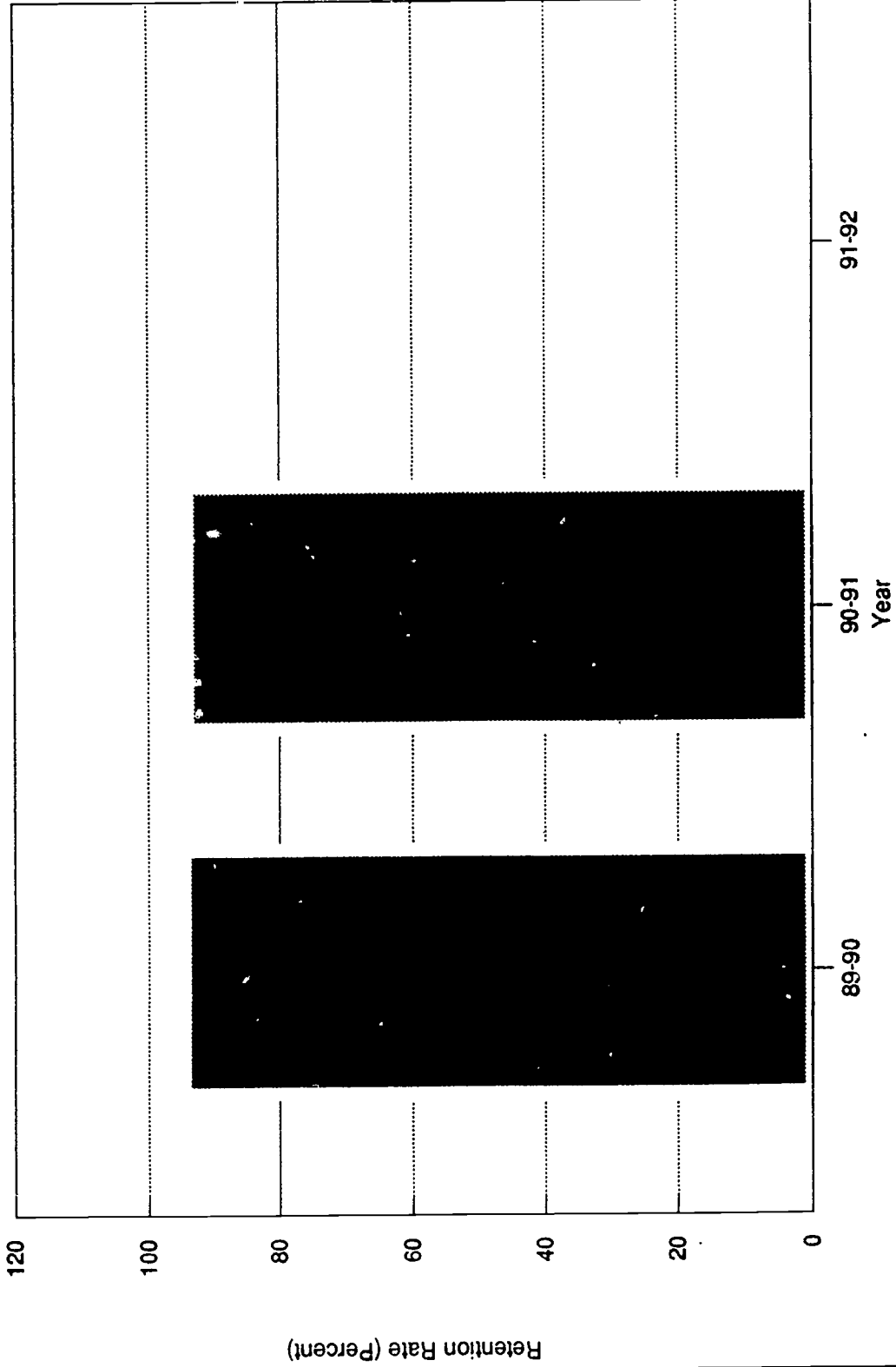
PUBLIC SCHOOL RETENTION RATE IN MICHIGAN (GRADES 9-12)

Michigan's public school retention rate* in grades 9-12 for 1990-91 was 94.0%. The retention rate decreased by 0.5% from the previous year.

* Retention rate refers to the percentage of students who are enrolled in a school district in any one year compared with that district's student enrollment the previous year. In calculating the retention rate, adjustment is made for those students who transfer in, transfer out, and graduate.

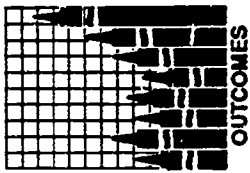
Year	Retention Rate (%)
1989-90	94.5
1990-91	94.0

PUBLIC SCHOOL RETENTION RATE IN MICHIGAN (GRADES 9-12)



Source: Office of Information, Research and Evaluation Services
Michigan Department of Education





PUBLIC HIGH SCHOOL GRADUATION RATE

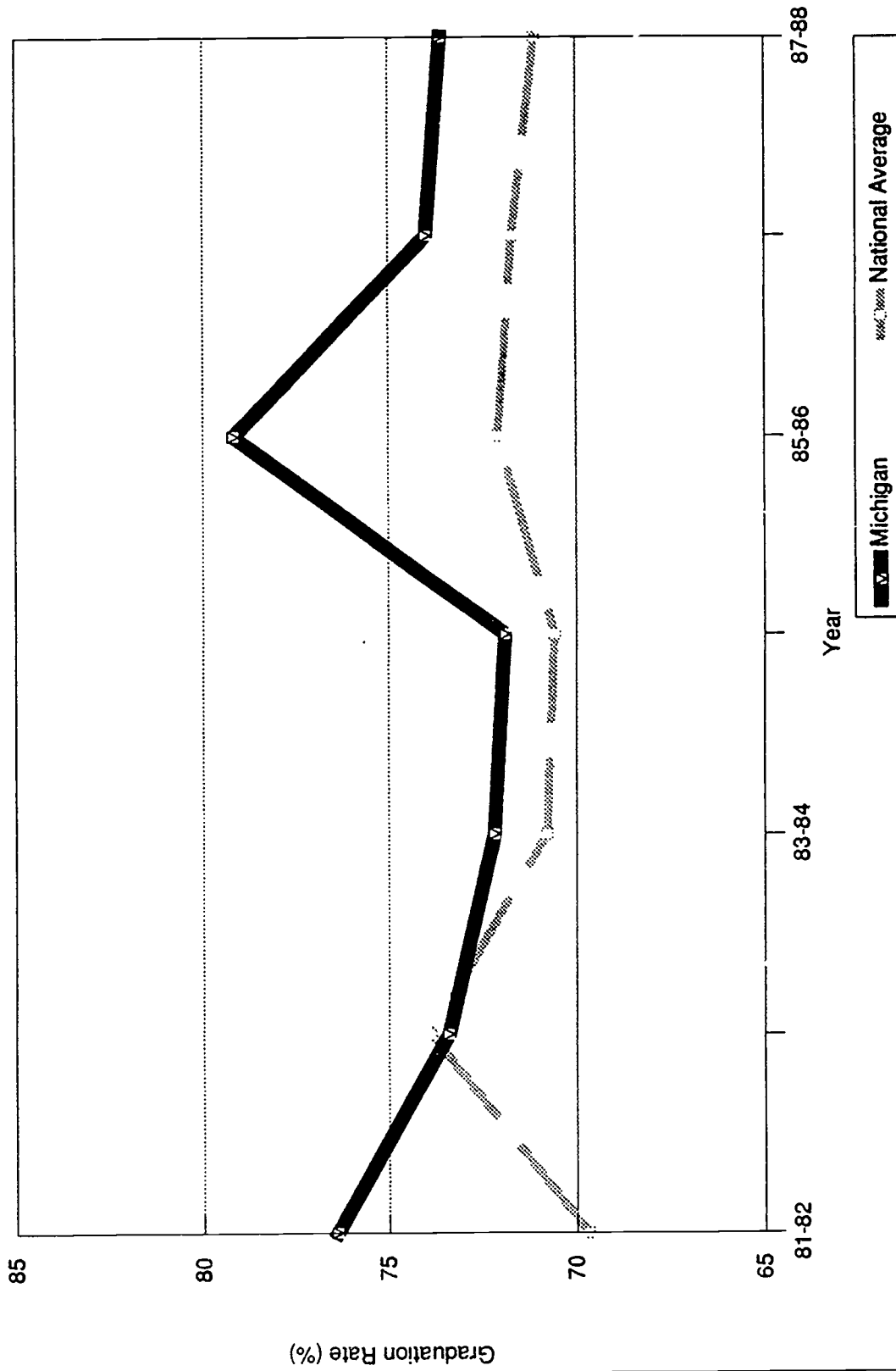
Michigan's public high school graduation rate ranged from a low of 71.9% in 1984-85 to a peak of 79.2% in 1985-86 during the period of 1981-82 through 1987-88. Over this period the national averages of the graduation rates ranged from a low of 69.7% in 1981-82 to a peak of 73.9% in 1982-83.

The U. S. Department of Education calculated the graduation rate for Michigan by dividing the total number of public high school graduates by the total number of public

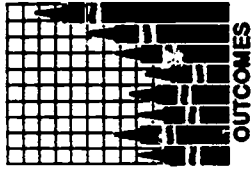
school ninth grade students four years earlier. For example, the number of high school graduates in 1988 (school year 1987-88) was divided by the number of ninth grade students in the fall of 1984 (school year 1984-85). The number of ninth grade students included a prorated portion of the secondary school students who were unclassified by grade. The graduation rate was adjusted for interstate population migration.

Year	Michigan (%)	National Average (%)
1981-82	76.4	69.7
1982-83	73.4	73.9
1983-84	72.2	70.8
1984-85	71.9	70.6
1985-86	79.2	72.1
1986-87	74.0	71.7
1987-88	73.6	71.1

PUBLIC HIGH SCHOOL GRADUATION RATE



Source: Office of Planning, Budget and Evaluation
 Michigan Department of Education



MICHIGAN EDUCATIONAL ASSESSMENT PROGRAM (MEAP) STATEWIDE RESULTS-GRADE FOUR MATHEMATICS

The proportion of the fourth grade students in Michigan's public schools who achieved satisfactory performance on the new MEAP mathematics test was 36.3% in the fall of 1991.

Percent of
Students
Achieving
Satisfactory
Performance

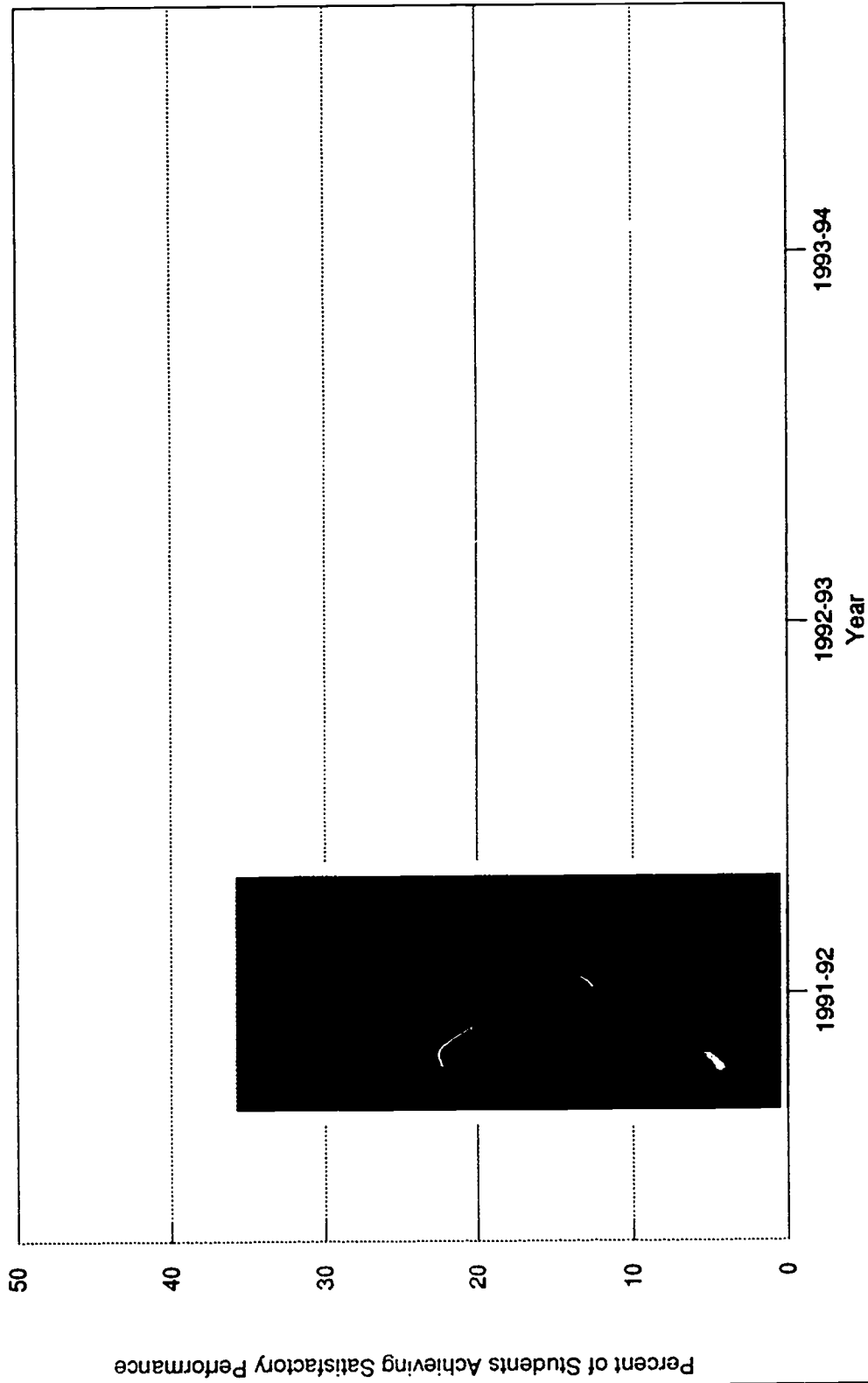
Year

1991-92 *

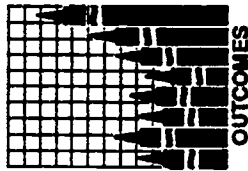
36.3

* New Test

MICHIGAN EDUCATIONAL ASSESSMENT PROGRAM (MEAP) STATEWIDE RESULTS- GRADE FOUR MATHEMATICS



Source: Michigan Educational Assessment Program
Michigan Department of Education



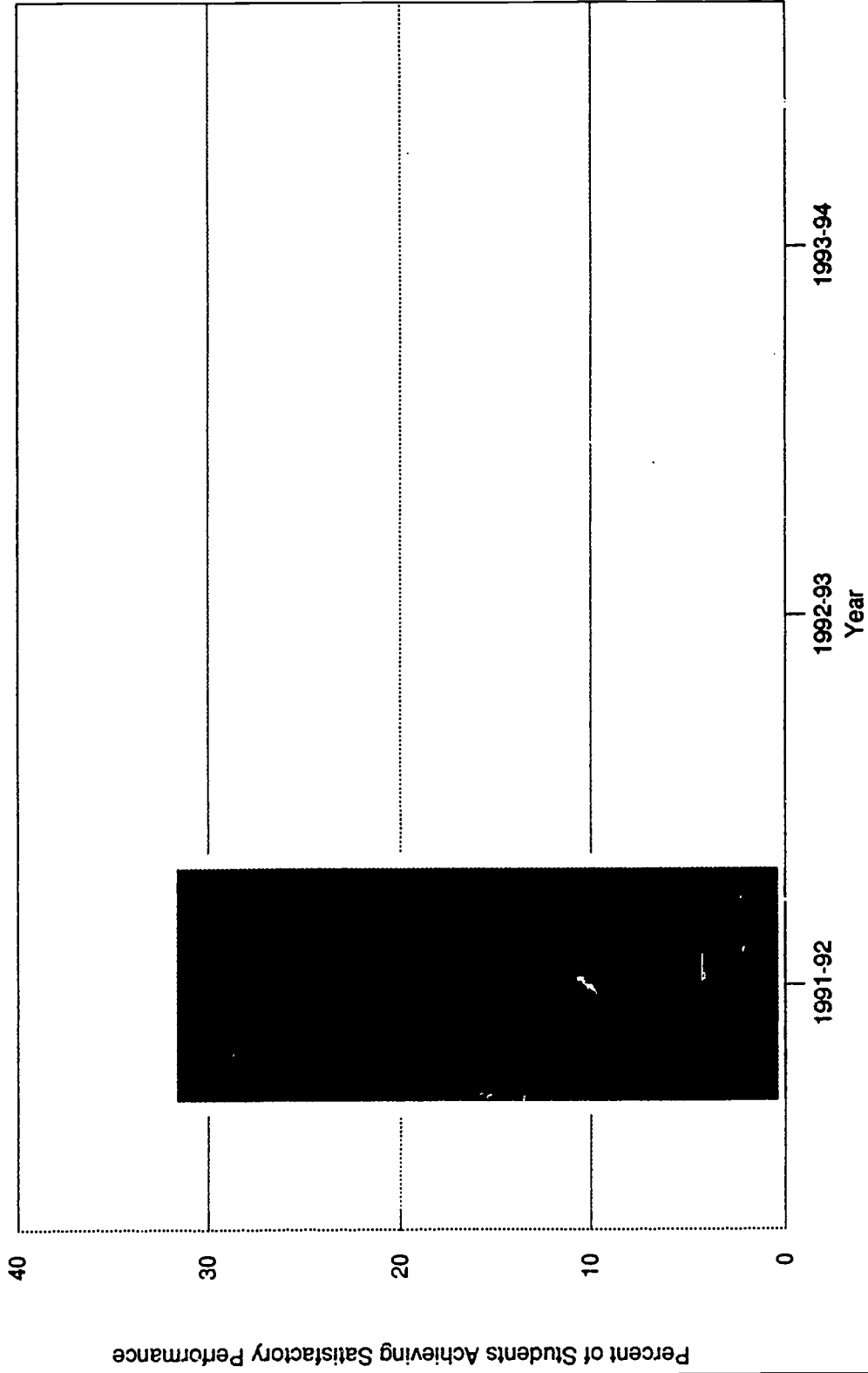
MICHIGAN EDUCATIONAL ASSESSMENT PROGRAM (MEAP) STATEWIDE RESULTS-GRADE SEVEN MATHEMATICS

The proportion of the seventh grade students in Michigan's new MEAP mathematics test was 32.0% in the fall of 1991. public schools who achieved satisfactory performance on the

Year	Percent of Students Achieving Satisfactory Performance
1991-92 *	32.0

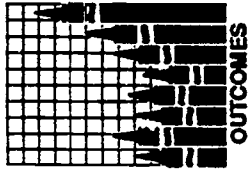
* New Test

MICHIGAN EDUCATIONAL ASSESSMENT PROGRAM (MEAP) STATEWIDE RESULTS-GRADE SEVEN MATHEMATICS



Source: Michigan Educational Assessment Program
Michigan Department of Education





MICHIGAN EDUCATIONAL ASSESSMENT PROGRAM (MEAP) STATEWIDE RESULTS-GRADE TEN MATHEMATICS

The proportion of the tenth grade students in Michigan's public schools who achieved satisfactory performance on the new MEAP mathematics test was 18.7% in the fall of 1991.

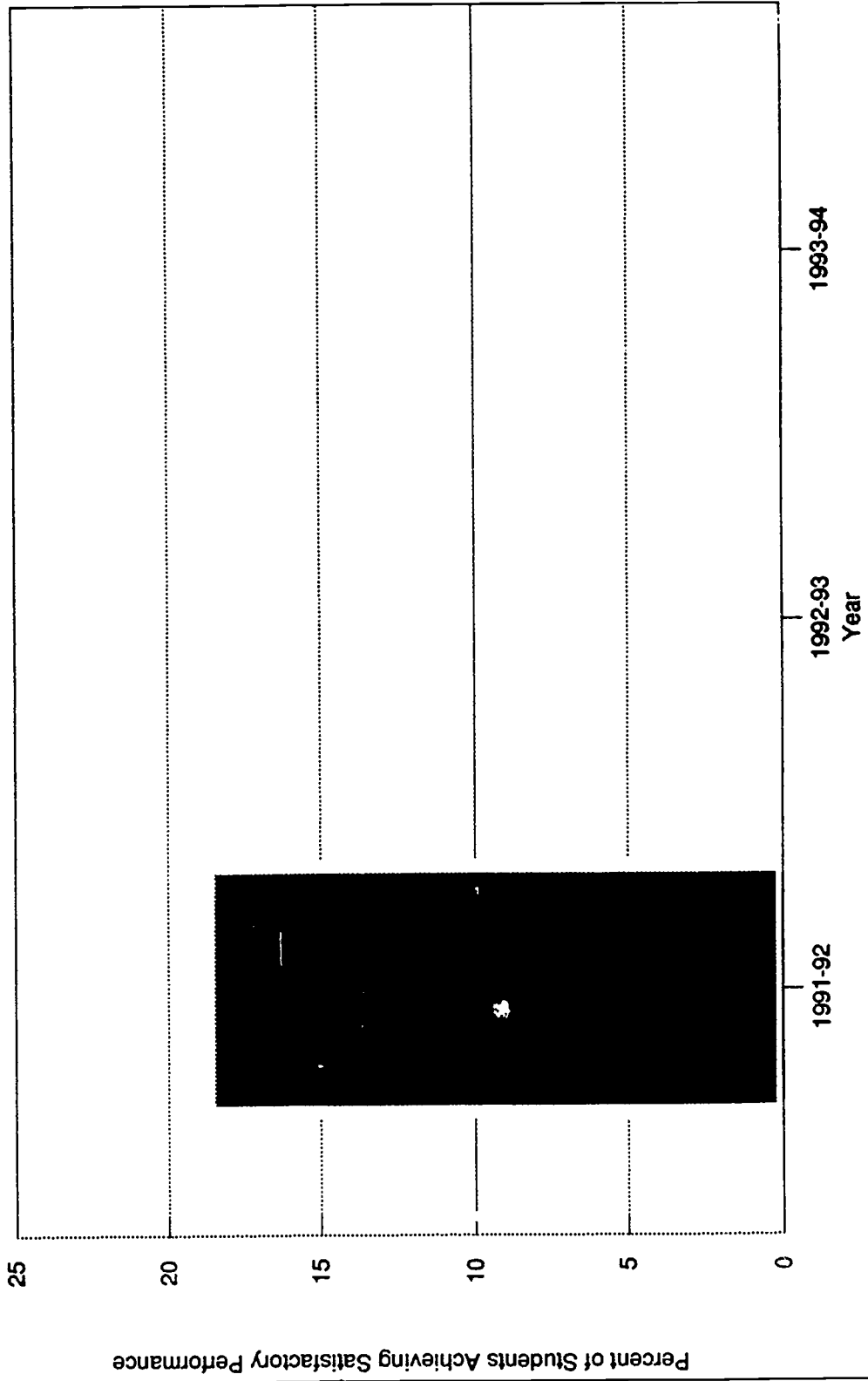
Percent of
Students
Achieving
Satisfactory
Performance

Year

1991-92 * 18.7

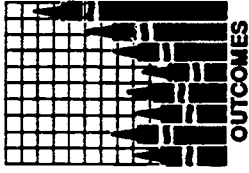
* New Test

MICHIGAN EDUCATIONAL ASSESSMENT PROGRAM (MEAP) STATEWIDE RESULTS-GRADE TEN MATHEMATICS



Source: Michigan Educational Assessment Program
Michigan Department of Education





MICHIGAN EDUCATIONAL ASSESSMENT PROGRAM: (MEAP) STATEWIDE RESULTS-GRADE FOUR READING

The proportion of the fourth grade students in Michigan's public schools who achieved satisfactory performance on the MEAP reading test was 34.7% in the fall of 1991. The proportion was a decrease of 1.9% from the previous year.

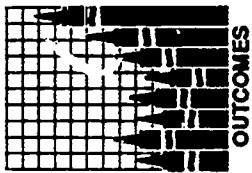
<i>Year</i>	<i>Percent of Students Achieving Satisfactory Performance</i>
1989-90	35.8
1990-91	36.6
1991-92	34.7

MICHIGAN EDUCATIONAL ASSESSMENT PROGRAM (MEAP) STATEWIDE RESULTS-GRADE FOUR READING



Source: Michigan Educational Assessment Program
Michigan Department of Education



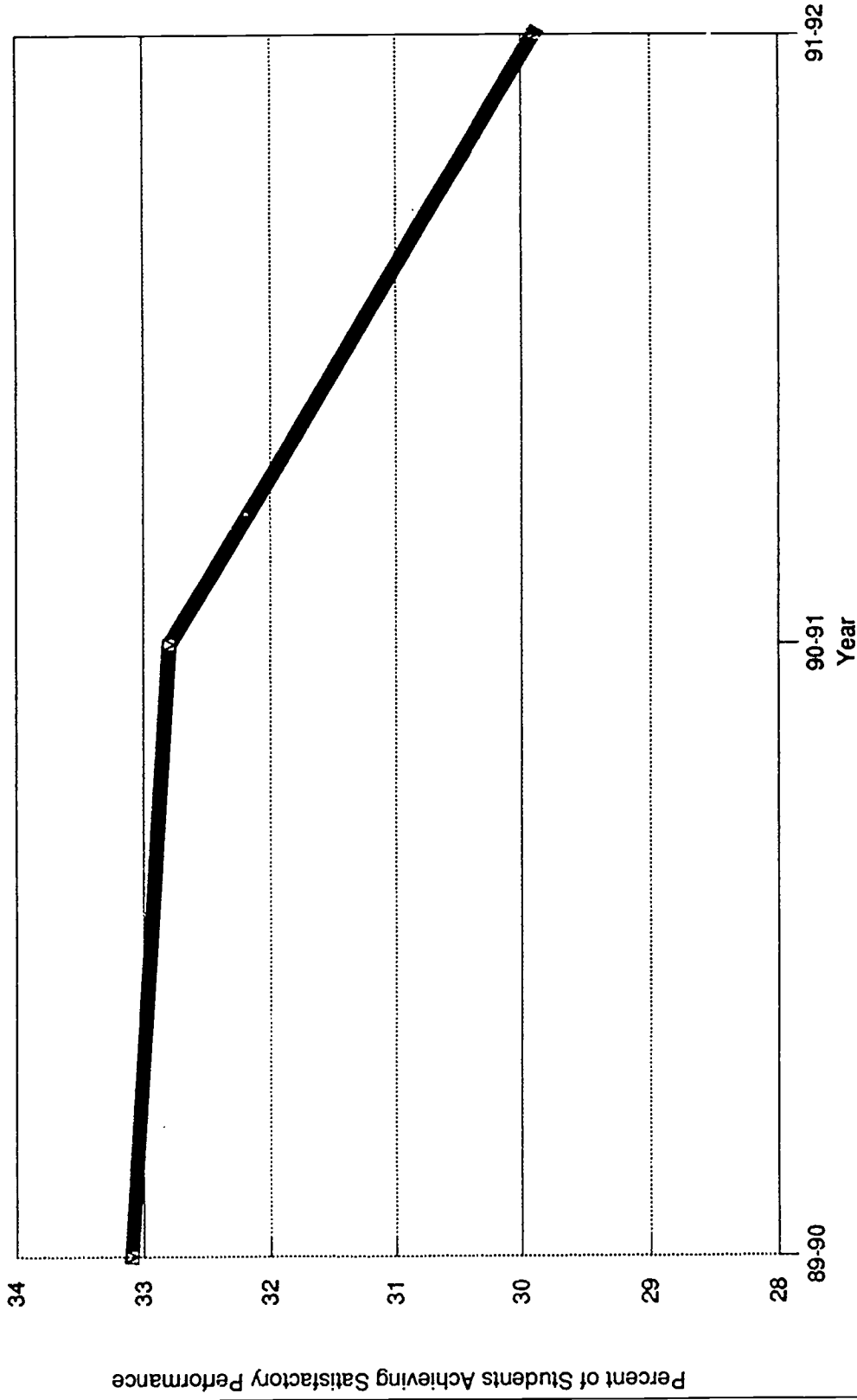


MICHIGAN EDUCATIONAL ASSESSMENT PROGRAM (MEAP) STATEWIDE RESULTS-GRADE SEVEN READING

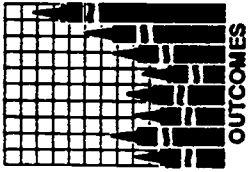
The proportion of the seventh grade students in Michigan's public schools who achieved satisfactory performance on the MEAP reading test was 29.9% in the fall of 1991. The proportion was a decrease of 2.9% from the preceding year.

Year	<i>Percent of Students Achieving Satisfactory Performance</i>
1989-90	33.1
1990-91	32.8
1991-92	29.9

MICHIGAN EDUCATIONAL ASSESSMENT PROGRAM (MEAP) STATEWIDE RESULTS-GRADE SEVEN READING



Source: Michigan Educational Assessment Program
Michigan Department of Education

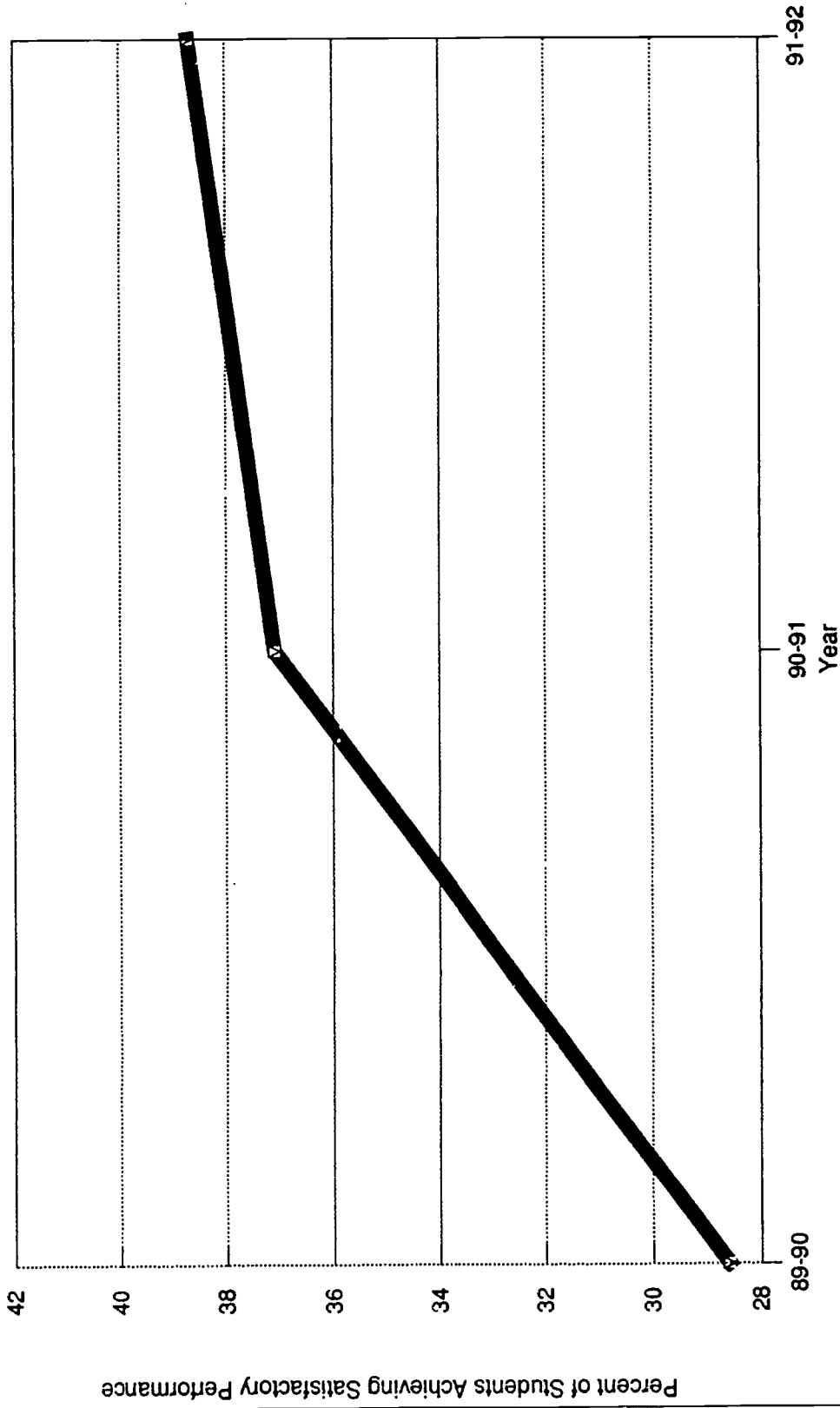


MICHIGAN EDUCATIONAL ASSESSMENT PROGRAM (MEAP) STATEWIDE RESULTS - GRADE TEN READING

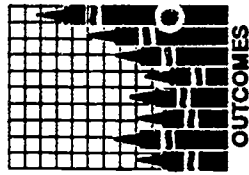
The proportion of the tenth grade students in Michigan's public schools who achieved satisfactory performance on the MEAP reading test was 38.7% in the fall of 1991. The proportion was an increase of 1.6% from the previous year.

Year	Percent of Students Achieving Satisfactory Performance
1989-90	28.6
1990-91	37.1
1991-92	38.7

MICHIGAN EDUCATIONAL ASSESSMENT PROGRAM (MEAP) STATEWIDE RESULTS - GRADE TEN READING



Source: Michigan Educational Assessment Program
Michigan Department of Education

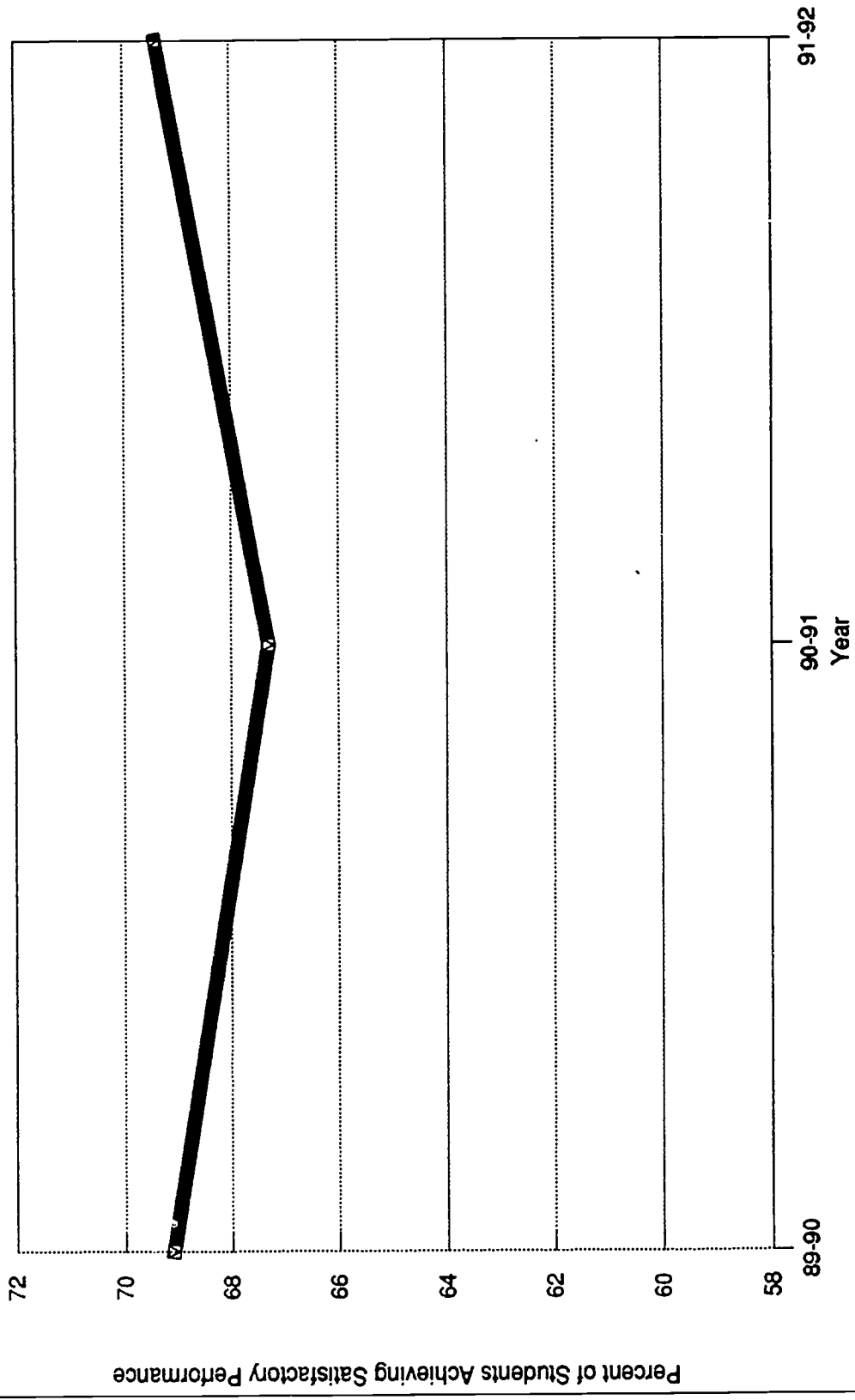


MICHIGAN EDUCATIONAL ASSESSMENT PROGRAM (MEAP) STATEWIDE RESULTS-GRADE FIVE SCIENCE

The proportion of the fifth grade students in Michigan's public schools who achieved satisfactory performance on the MEAP science test was 69.4% in the fall of 1991. The proportion was an increase of 2.1% from the previous year.

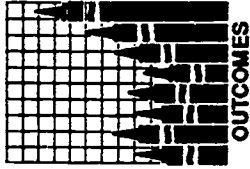
<i>Year</i>	<i>Percent of Students Achieving Satisfactory Performance</i>
1989-90	69.1
1990-91	67.3
1991-92	69.4

MICHIGAN EDUCATIONAL ASSESSMENT PROGRAM (MEAP) STATEWIDE RESULTS-GRADE FIVE SCIENCE



Source: Michigan Educational Assessment Program
Michigan Department of Education



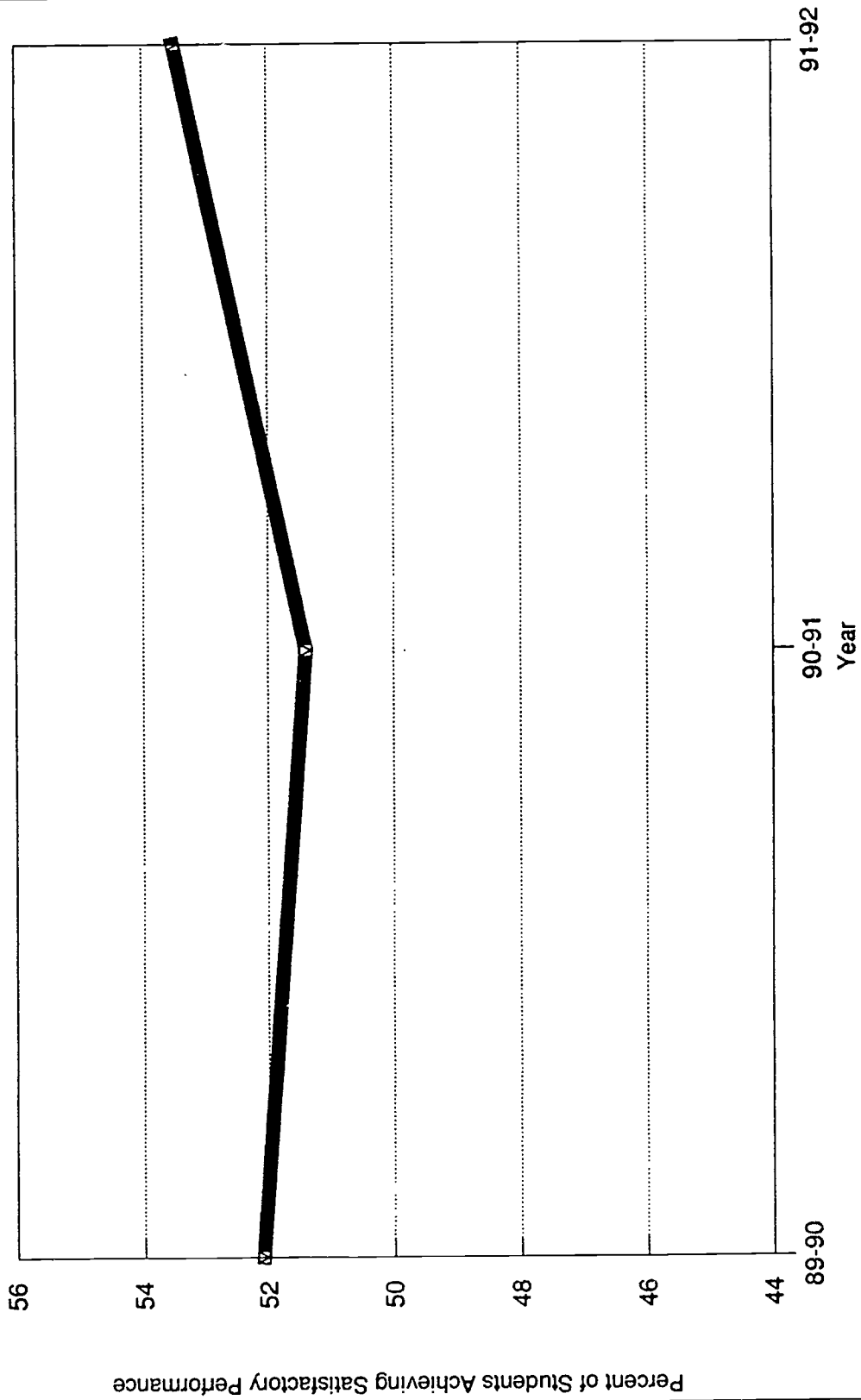


MICHIGAN EDUCATIONAL ASSESSMENT PROGRAM (MEAP) STATEWIDE RESULTS-GRADE EIGHT SCIENCE

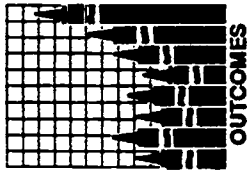
The proportion of the eighth grade students in Michigan's public schools who achieved satisfactory performance on the MEAP science test was 53.5% in the fall of 1991. The proportion was an increase of 2.1% from the preceding year.

<i>Year</i>	<i>Percent of Students Achieving Satisfactory Performance</i>
1989-90	52.1
1990-91	51.4
1991-92	53.5

MICHIGAN EDUCATIONAL ASSESSMENT PROGRAM (MEAP) STATEWIDE RESULTS EIGHT SCIENCE



Source: Michigan Educational Assessment Program
Michigan Department of Education

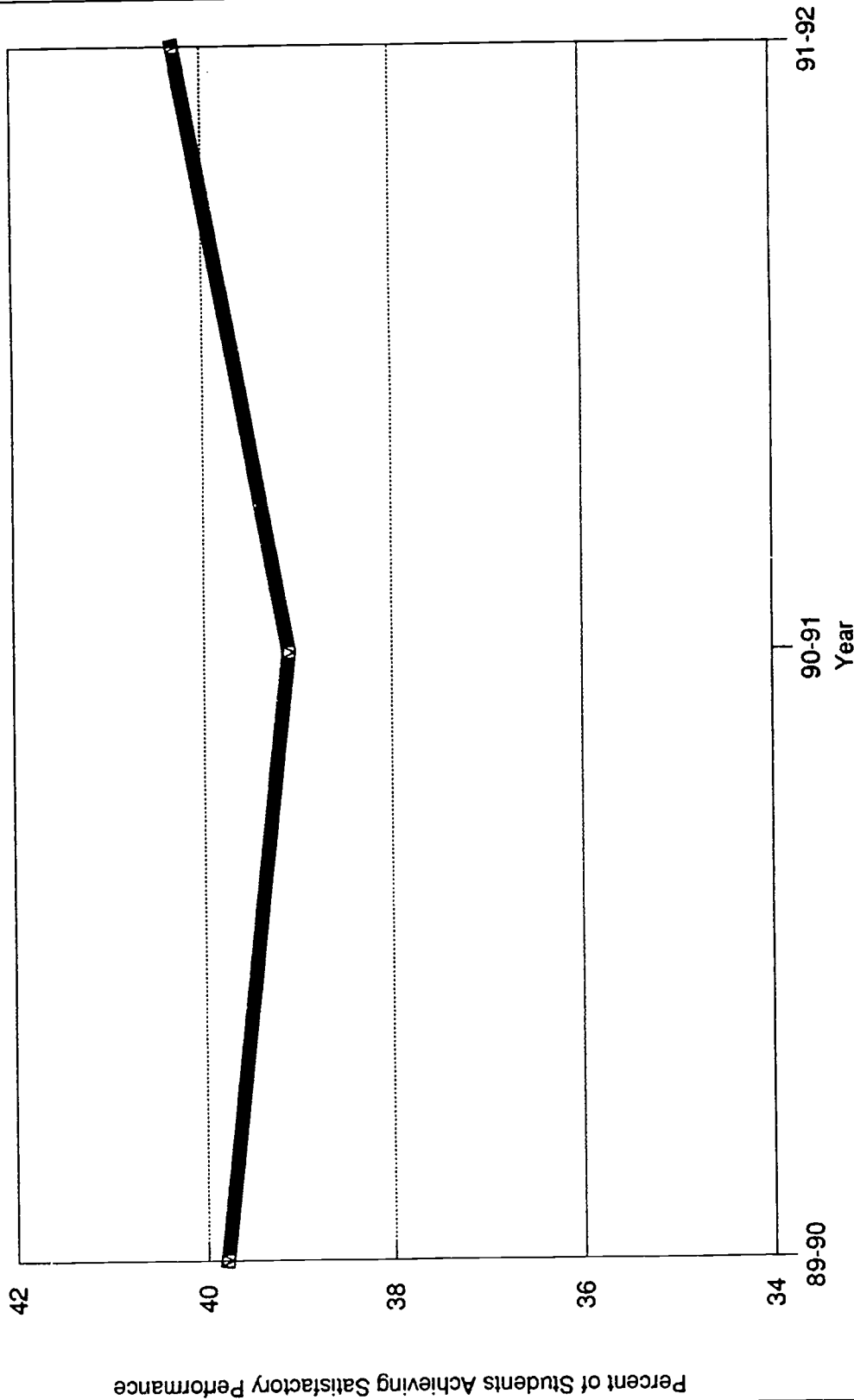


MICHIGAN EDUCATIONAL ASSESSMENT PROGRAM (MEAP) STATEWIDE RESULTS-GRADE ELEVEN SCIENCE

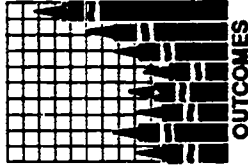
The proportion of the eleventh grade students in Michigan's public schools who achieved satisfactory performance on the MEAP science test was 40.3% in the fall of 1991. The proportion was an increase of 1.2% from the previous year.

Year	<i>Percent of Students Achieving Satisfactory Performance</i>
1989-90	39.8
1990-91	39.1
1991-92	40.3

MICHIGAN EDUCATIONAL ASSESSMENT PROGRAM (MEAP) STATEWIDE RESULTS-GRADE ELEVEN SCIENCE



Source: Michigan Educational Assessment Program
Michigan Department of Education



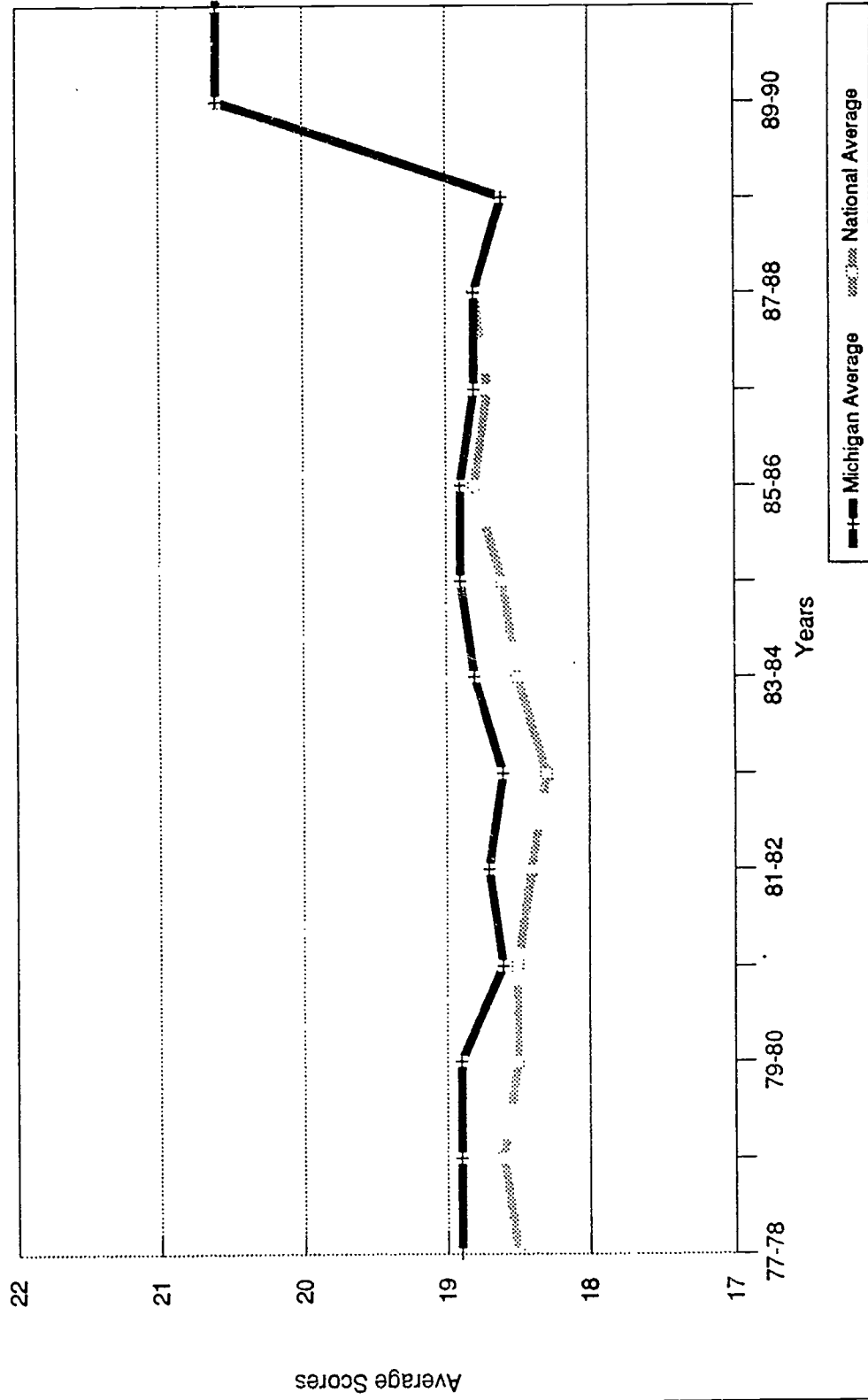
AMERICAN COLLEGE TEST (ACT) COMPOSITE SCORES

The American College Test (ACT) is norm-referenced and scores are reported on a scale ranging from 1 to 36. The composite score is an average of four subjects: English, Mathematics, Social Studies and Natural Sciences. Michigan's composite ACT scores tied with the national ACT scores for the four years of 1987-88 through 1990-91. However, in prior years, Michigan's ACT scores were slightly higher than the national scores. In 1990-91 the composite ACT score remained unchanged from the previous year at 20.6, both in Michigan and in the nation.

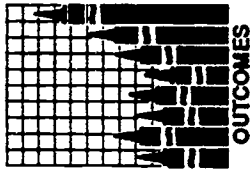
Year	Michigan Average	National Average
1977-78	18.9	18.5
1978-79	18.9	18.6
1979-80	18.9	18.5
1980-81	18.6	18.5
1981-82	18.7	18.4
1982-83	18.6	18.3
1983-84	18.8	18.5
1984-85	18.9	18.6
1985-86	18.9	18.8
1986-87	18.8	18.7
1987-88	18.8	18.8
1988-89	18.6	18.6
1989-90 *	20.6	20.6
1990-91 *	20.6	20.6

*New Test

AMERICAN COLLEGE TEST (ACT) COMPOSITE SCORES



Source: Michigan Educational Assessment Program
Michigan Department of Education

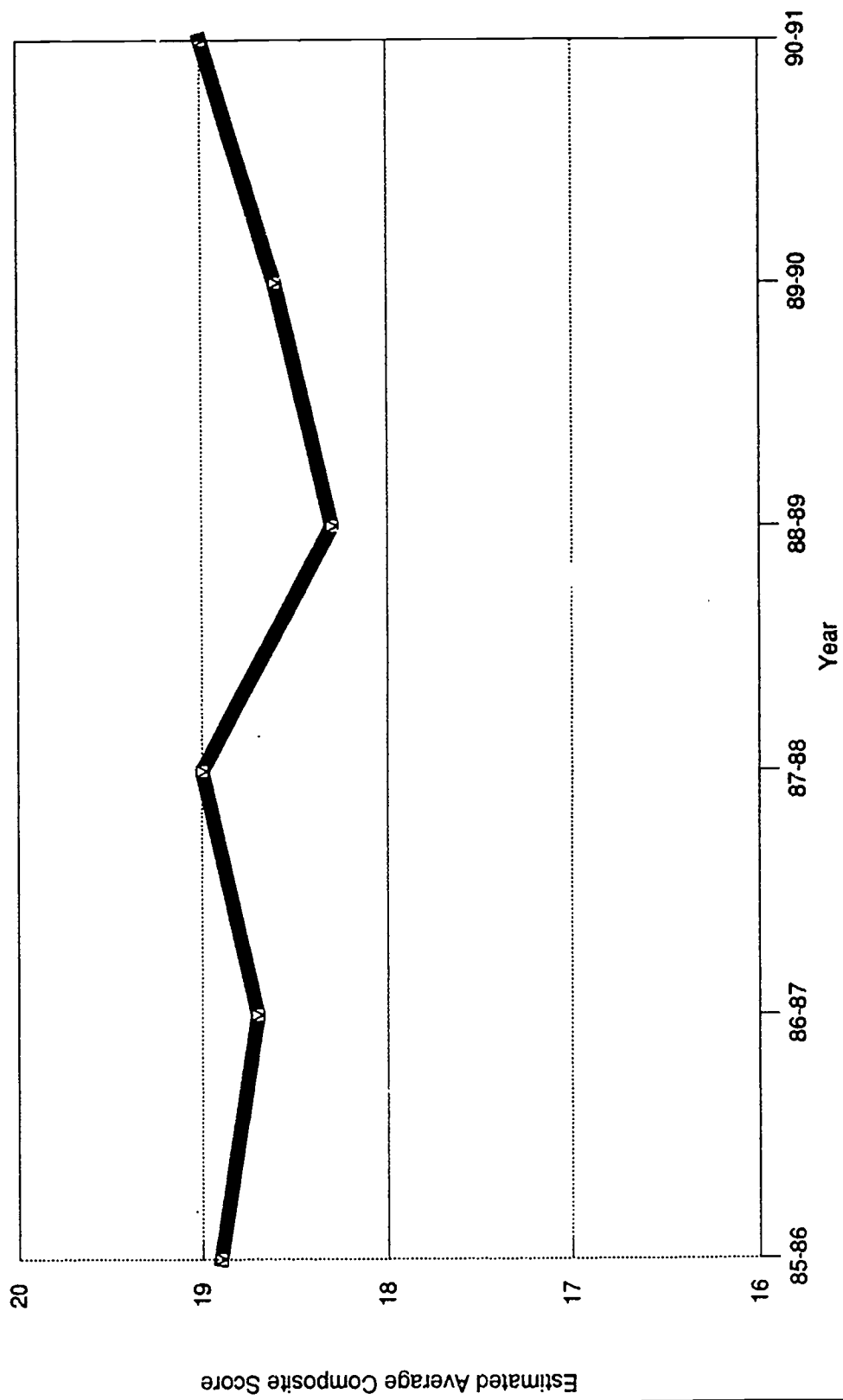


AMERICAN COLLEGE TEST (ACT) ESTIMATED AVERAGE COMPOSITE SCORES OF AMERICAN INDIAN STUDENTS IN MICHIGAN

The average American College Test (ACT) composite score of American Indian students in Michigan was 19.0 in the 1990-91 school year. The average ACT score increased slightly (0.4) from the previous year.

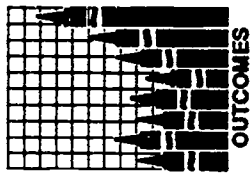
Year	<i>Estimated* Average Composite Score</i>
1985-86*	18.9
1986-87*	18.7
1987-88*	19.0
1988-89*	18.3
1989-90*	18.6
1990-91	19.0

AMERICAN COLLEGE TEST (ACT) ESTIMATED AVERAGE COMPOSITE SCORES OF AMERICAN INDIAN STUDENTS IN MICHIGAN



Source: Michigan Educational Assessment Program
Michigan Department of Education



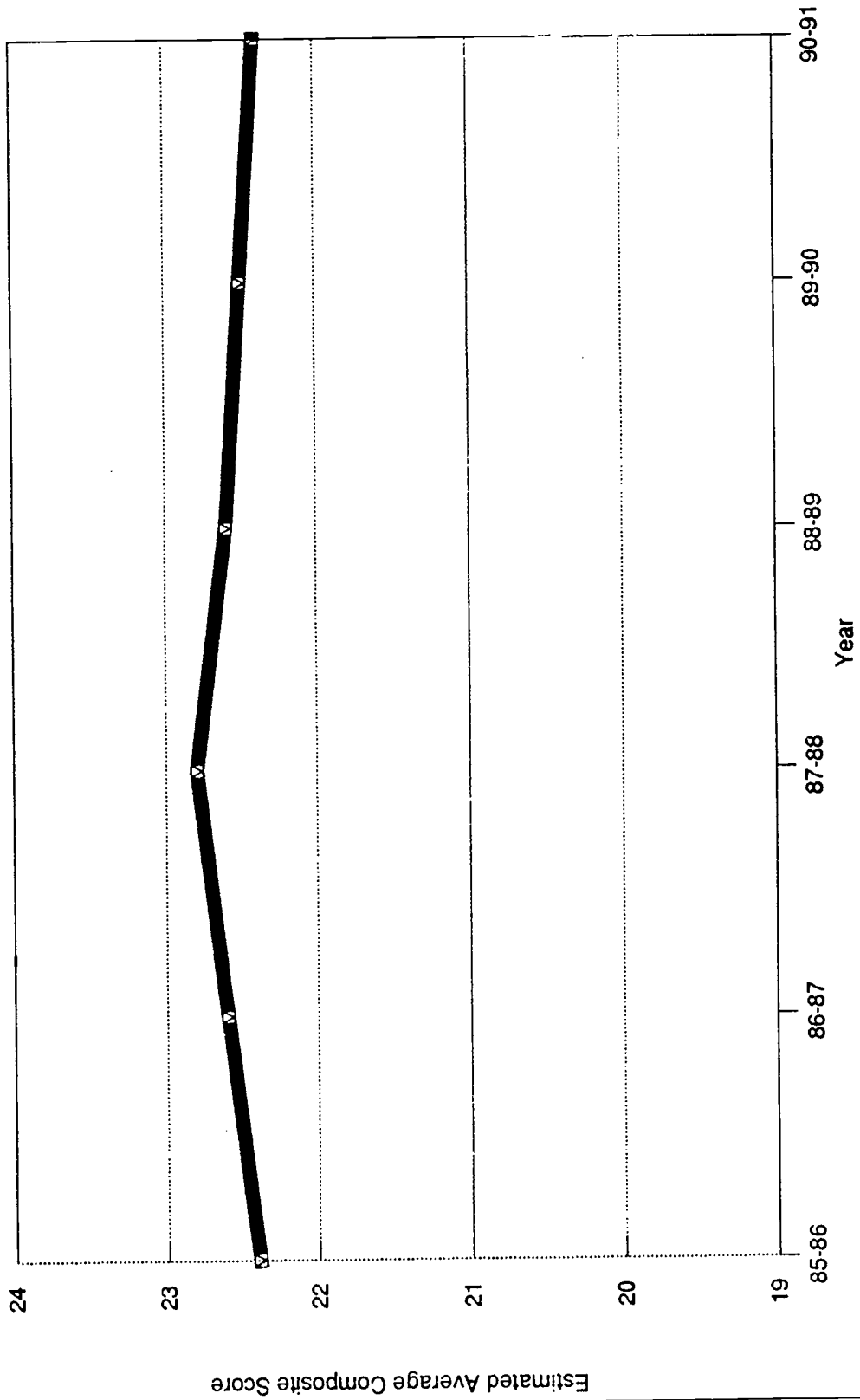


AMERICAN COLLEGE TEST (ACT) ESTIMATED AVERAGE COMPOSITE SCORES OF ASIAN AMERICAN STUDENTS IN MICHIGAN

The average American College Test (ACT) composite score of Asian American students in Michigan was 22.4 in the 1990-91 school year. The average ACT score decreased slightly (0.1) from the previous year.

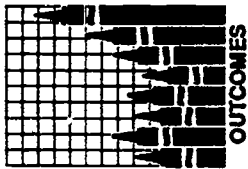
Year	<i>Estimated*</i> Average Composite Score
1985-86*	22.4
1986-87*	22.6
1987-88*	22.8
1988-89*	22.6
1989-90*	22.5
1990-91	22.4

AMERICAN COLLEGE TEST (ACT) ESTIMATED AVERAGE COMPOSITE SCORES OF ASIAN AMERICAN STUDENTS IN MICHIGAN



Source: Michigan Educational Assessment Program
Michigan Department of Education



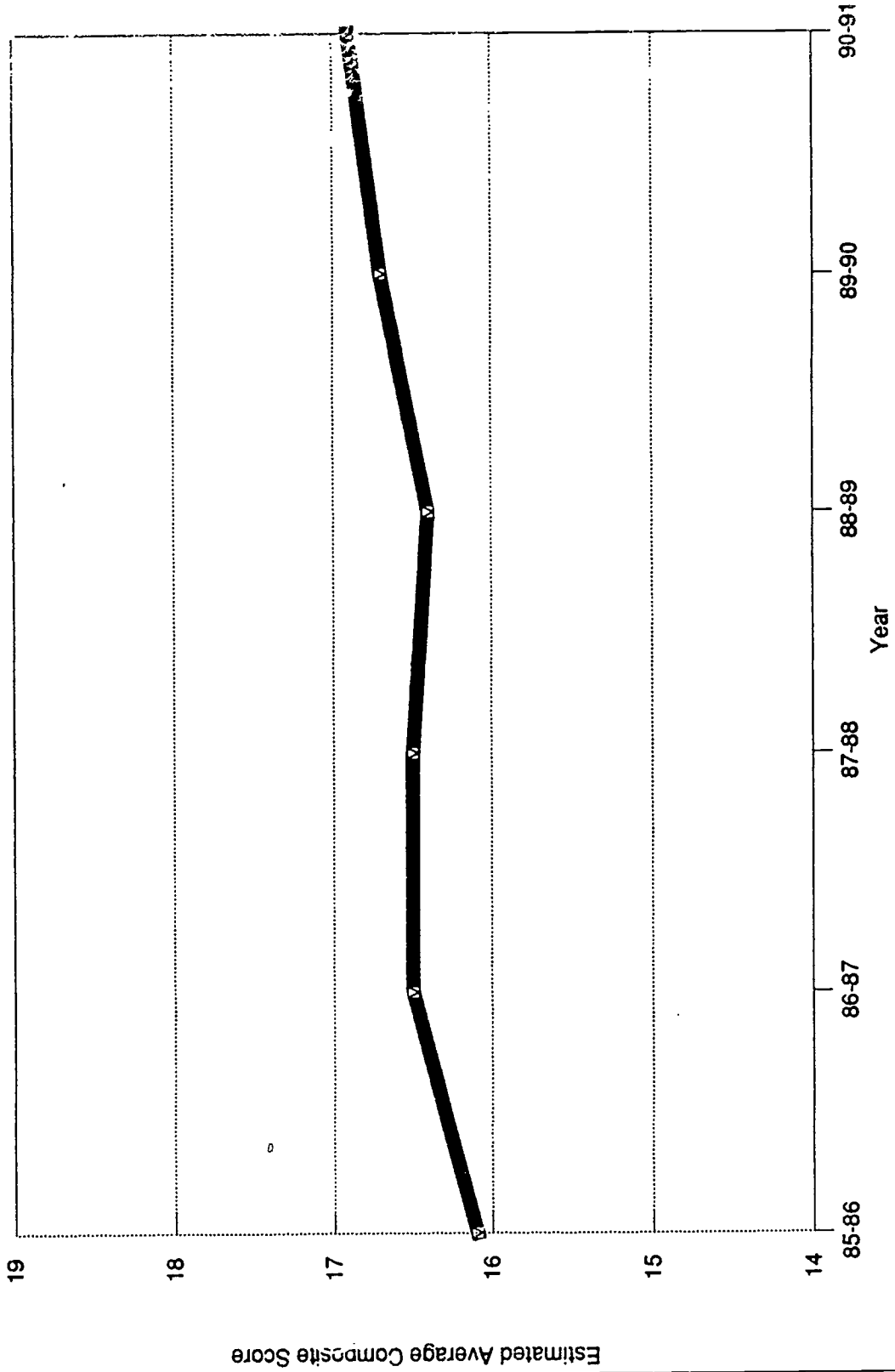


AMERICAN COLLEGE TEST (ACT) ESTIMATED AVERAGE COMPOSITE SCORES OF BLACK STUDENTS IN MICHIGAN

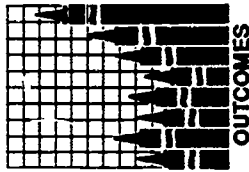
The average American College Test (ACT) composite score of Black students in Michigan was 16.9 in the 1990-91 school year. It increased slightly (0.2) from the previous year.

Year	Estimated* Average Composite Score
1985-86*	16.1
1986-87*	16.5
1987-88*	16.5
1988-89*	16.4
1989-90*	16.7
1990-91	16.9

AMERICAN COLLEGE TEST (ACT) ESTIMATED AVERAGE COMPOSITE SCORES OF BLACK STUDENTS IN MICHIGAN



Source: Michigan Educational Assessment Program
Michigan Department of Education

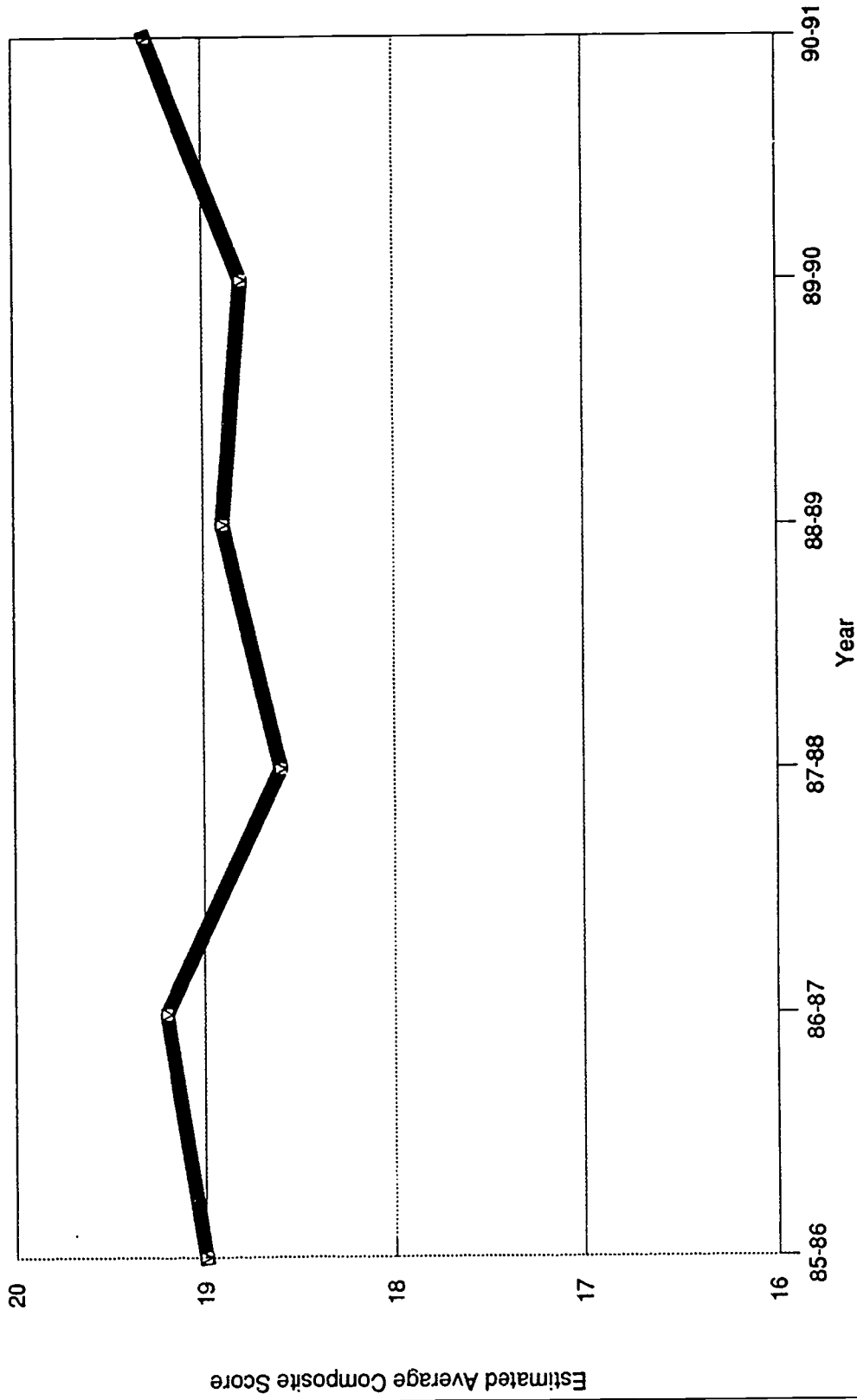


AMERICAN COLLEGE TEST (ACT) ESTIMATED AVERAGE COMPOSITE SCORES OF MEXICAN AMERICAN STUDENTS IN MICHIGAN

The average American College Test (ACT) composite score of Mexican American students in Michigan was 19.3 in the 1990-91 school year. The average ACT score increased slightly (0.5) from the previous year.

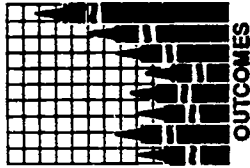
Year	Estimated* Average Composite Score
1985-86*	19.0
1986-87*	19.2
1987-88*	18.6
1988-89*	18.9
1989-90*	18.8
1990-91	19.3

AMERICAN COLLEGE TEST (ACT) ESTIMATED AVERAGE COMPOSITE SCORES OF MEXICAN AMERICAN STUDENTS IN MICHIGAN



Source: Michigan Educational Assessment Program
Michigan Department of Education



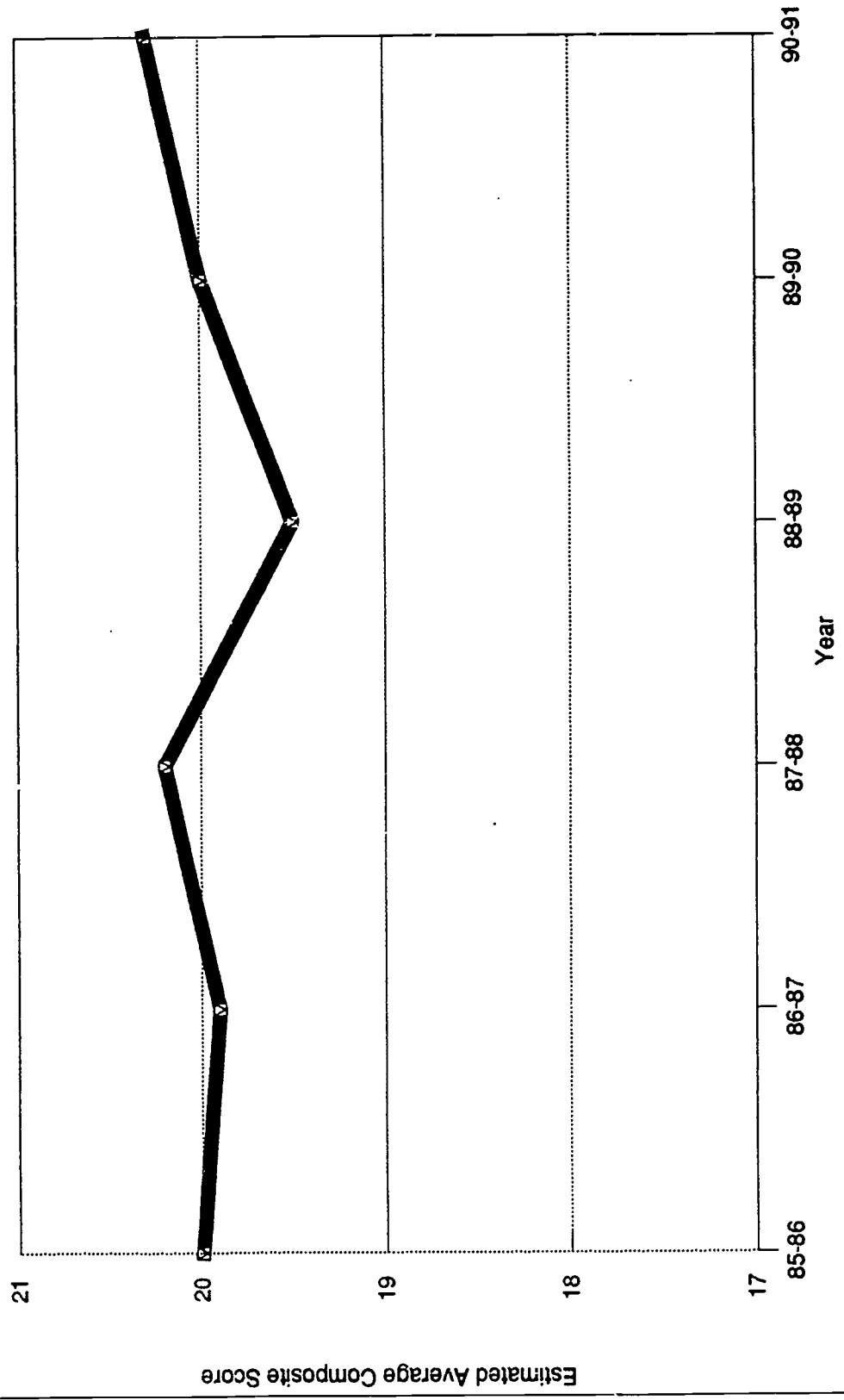


AMERICAN COLLEGE TEST (ACT) ESTIMATED AVERAGE COMPOSITE SCORES OF PUERTO RICAN/CUBAN/OTHER HISPANIC STUDENTS IN MICHIGAN

The average American College Test (ACT) composite score of 20.3 in the 1990-91 school year. The average ACT score Puerto Rican/Cuban/Other Hispanic students in Michigan was increased slightly (0.3) from the previous year.

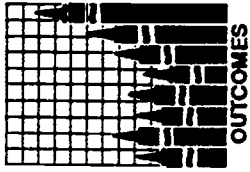
Year	<i>Estimated* Average Composite Score</i>
1985-86*	20.0
1986-87*	19.9
1987-88*	20.2
1988-89*	19.5
1989-90*	20.0
1990-91	20.3

**AMERICAN COLLEGE TEST (ACT) ESTIMATED AVERAGE
COMPOSITE SCORES OF PUERTO RICAN/CUBAN/OTHER
HISPANIC STUDENTS IN MICHIGAN**



Source: Michigan Educational Assessment Program
Michigan Department of Education



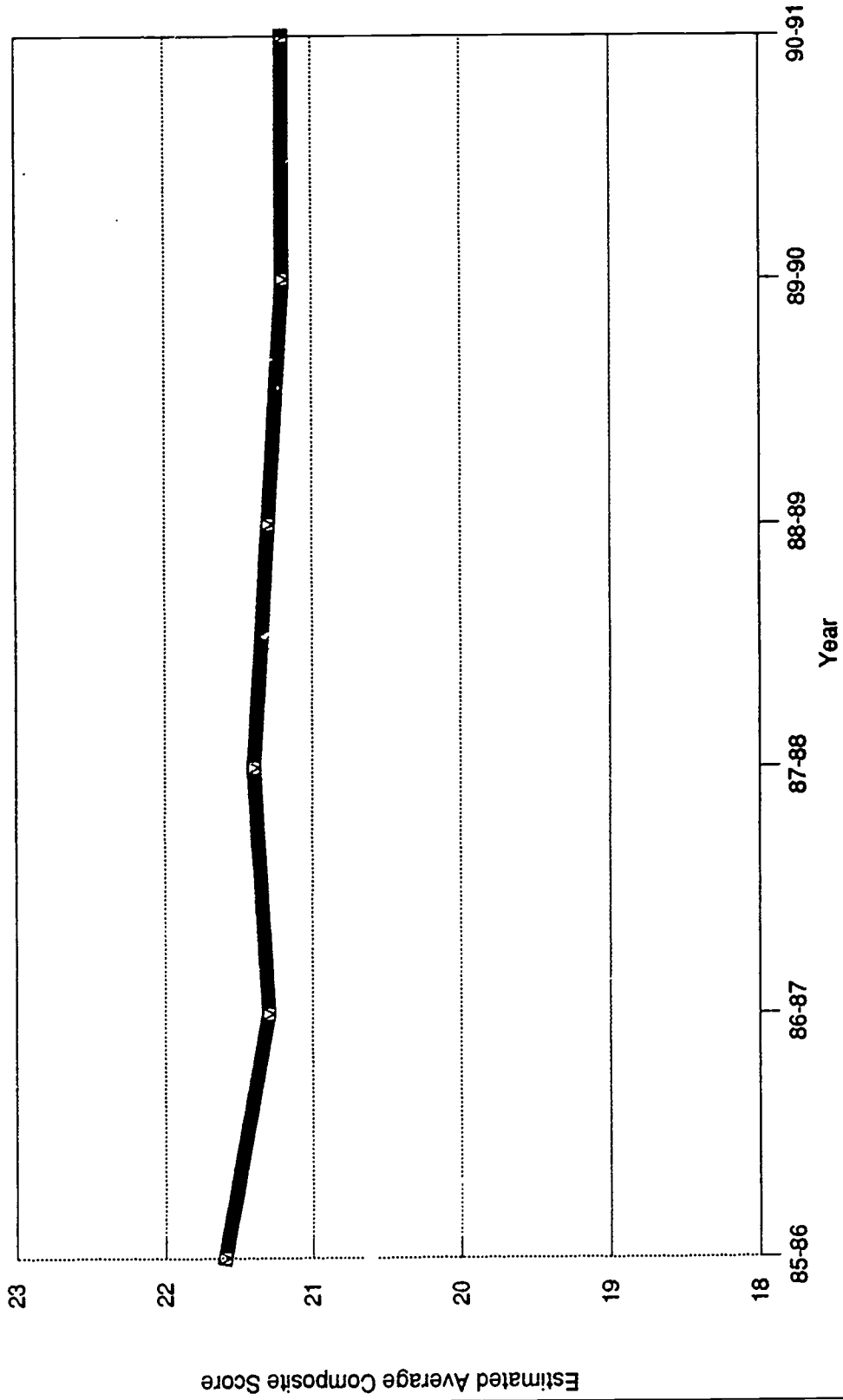


AMERICAN COLLEGE TEST (ACT) ESTIMATED AVERAGE COMPOSITE SCORES OF WHITE STUDENTS IN MICHIGAN

The average American College Test (ACT) composite score of _____ year. It did not change from the previous year.
White students in Michigan was 21.2 in the 1990-91 school

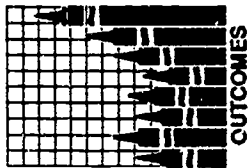
Year	<i>Estimated* Average Composite Score</i>
1985-86*	21.6
1986-87*	21.3
1987-88*	21.4
1988-89*	21.3
1989-90*	21.2
1990-91	21.2

AMERICAN COLLEGE TEST (ACT) ESTIMATED AVERAGE COMPOSITE SCORES OF WHITE STUDENTS IN MICHIGAN



Source: Michigan Educational Assessment Program
Michigan Department of Education



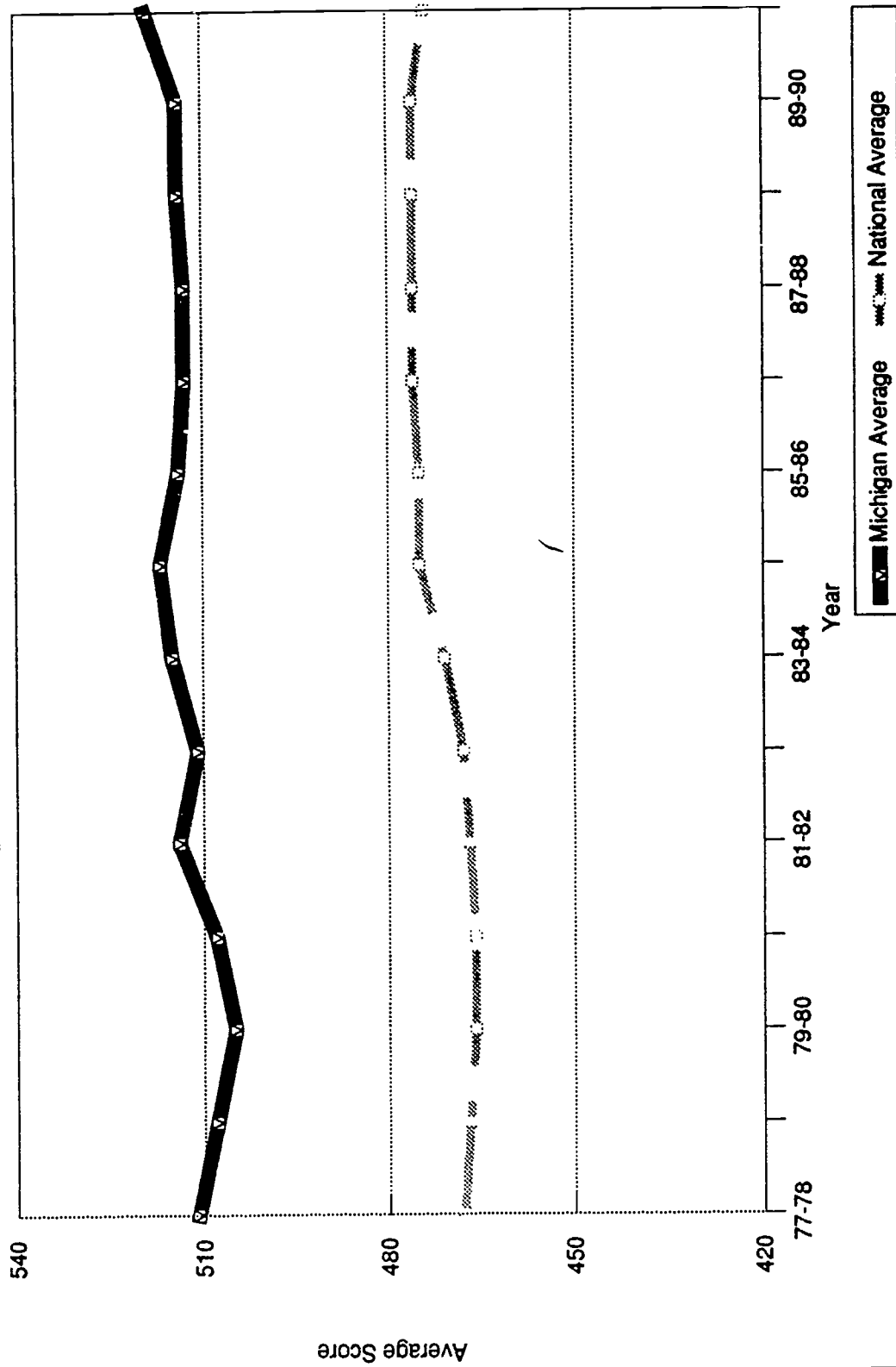


SCHOLASTIC APTITUDE TEST (SAT) AVERAGE SCORES-MATHEMATICS

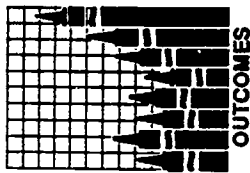
The Scholastic Aptitude Test (SAT) is a norm-referenced test consisting of a Mathematics subtest and a Verbal subtest. The SAT scores range from 200 to 800. Michigan students outscored the nation on the Mathematics portion of the SAT between 1977-78 and 1990-91, in large part because of the small number of students who took the SAT. In 1990-91 Michigan's SAT Mathematics average score was 519 and the national average score was 474.

Year	Michigan Average	National Average
1977-78	511	468
1978-79	508	467
1979-80	505	466
1980-81	508	466
1981-82	514	467
1982-83	511	468
1983-84	515	471
1984-85	517	475
1985-86	514	475
1986-87	513	476
1987-88	513	476
1988-89	514	476
1989-90	514	476
1990-91	519	474

SCHOLASTIC APTITUDE TEST (SAT) AVERAGE SCORES - MATHEMATICS



Source: Michigan Educational Assessment Program
Michigan Department of Education

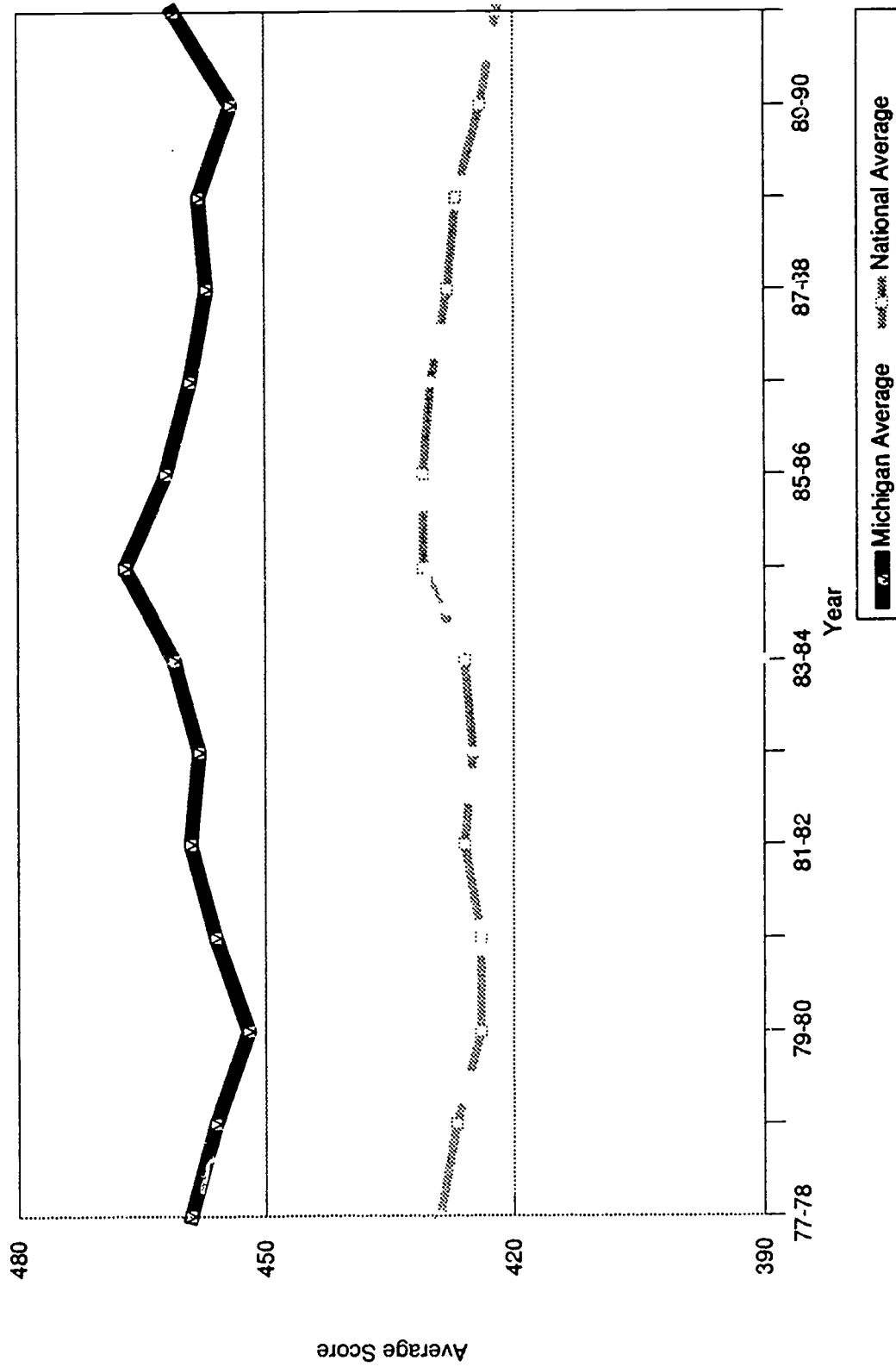


SCHOLASTIC APTITUDE TEST (SAT) AVERAGE SCORES-VERBAL

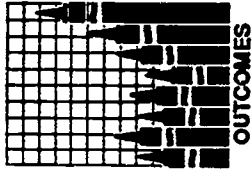
The Scholastic Aptitude Test (SAT) is a norm-referenced test consisting of a Mathematics subtest and a Verbal subtest. The SAT scores range from 200 to 800. Michigan students outscored the nation on the Verbal portion of the SAT between 1977-78 and 1990-91, in large part, because of the small number of students who took the SAT. In 1990-91 Michigan's SAT Verbal average score was 461 and the national average score was 422.

Year	Michigan Average	National Average
1977-78	459	429
1978-79	456	427
1979-80	452	424
1980-81	456	424
1981-82	459	426
1982-83	458	425
1983-84	461	426
1984-85	467	431
1985-86	462	431
1986-87	459	430
1987-88	457	428
1988-89	458	427
1989-90	454	424
1990-91	461	422

SCHOLASTIC APTITUDE TEST (SAT) AVERAGE SCORES - VERBAL



Source: Michigan Educational Assessment Program
Michigan Department of Education



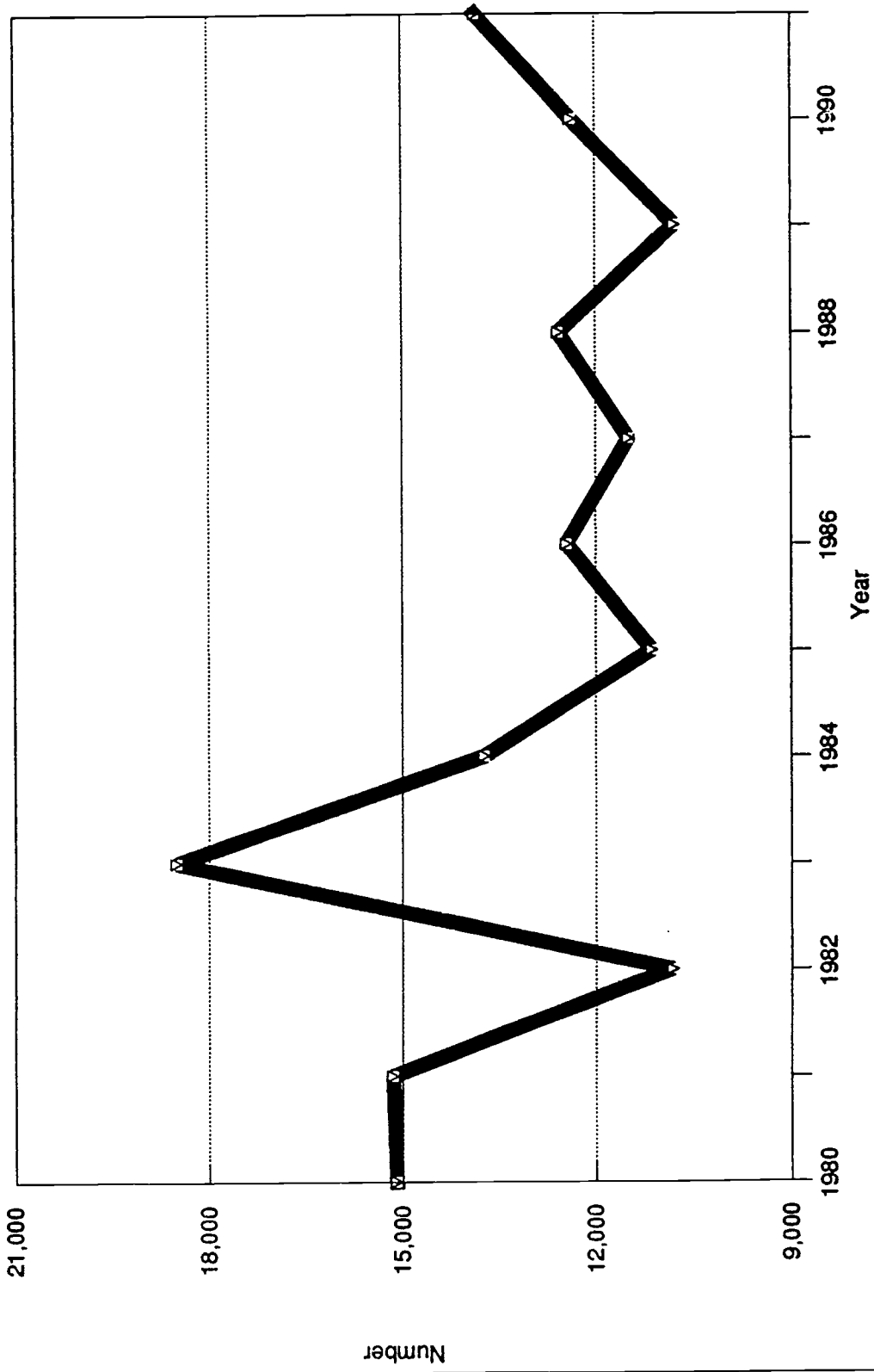
NUMBER OF PERSONS IN MICHIGAN WHO RECEIVED GENERAL EDUCATIONAL DEVELOPMENT (GED) CERTIFICATES FROM THE MICHIGAN DEPARTMENT OF EDUCATION

The total number of persons in Michigan who received General Educational Development (GED) certificates from the Michigan Department of Education in the 1991 calendar year was 13,861. The GED certificate is used to demonstrate that an

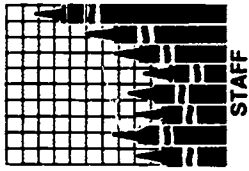
individual has the academic ability comparable to a high school graduating senior who has earned a diploma. Between 1980 and 1991, the number of GED certificate recipients ranged from a peak of 18,514 in 1983 to a low of 10,776 in 1989.

Calendar Year	Change from Previous Year	
	Number	Percent
1980	15,101	
1981	15,149	0.3
1982	10,816	-28.6
1983	18,514	71.2
1984	13,732	-25.8
1985	11,137	-18.9
1986	12,455	11.8
1987	11,494	-7.7
1988	12,578	9.4
1989	10,776	-14.3
1990	12,378	14.9
1991	13,861	12.0

**NUMBER OF PERSONS IN MICHIGAN WHO RECEIVED
GENERAL EDUCATIONAL DEVELOPMENT (GED) CERTIFICATES
FROM THE MICHIGAN DEPARTMENT OF EDUCATION**



Source: Adult Extended Learning Services
Michigan Department of Education



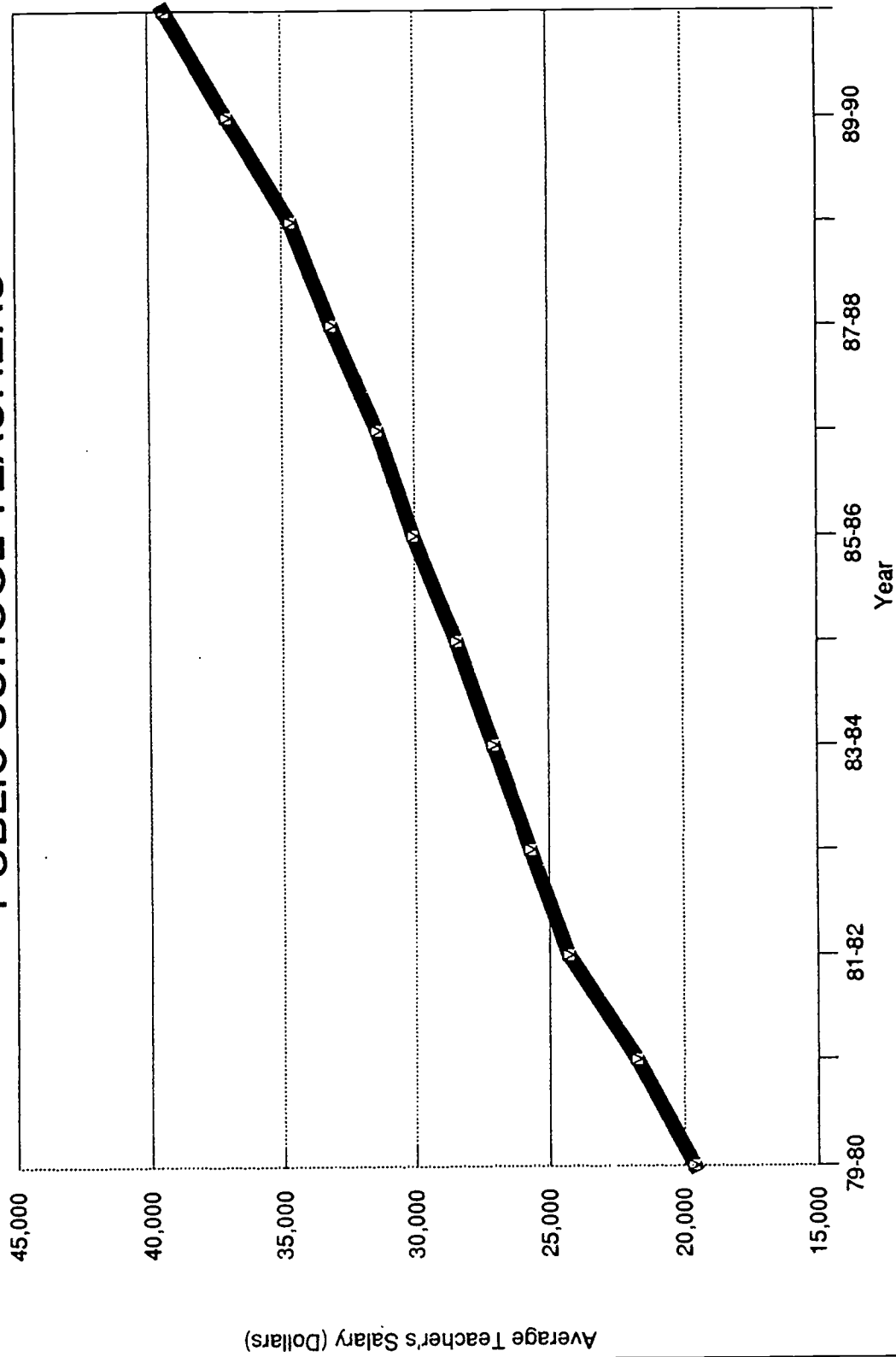
AVERAGE SALARY OF MICHIGAN PUBLIC SCHOOL TEACHERS

The average salary of Michigan public school teachers increased from \$19,663 in 1979-80 to \$39,421 in 1990-91.

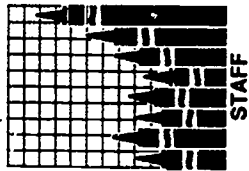
Between 1979-80 and 1990-91 the average teacher salary increased by 100.5%.

Year	Average Salary (\$)	Percent Change
1979-80	19,663	
1980-81	21,779	10.8
1981-82	24,304	11.6
1982-83	25,712	5.8
1983-84	27,104	5.4
1984-85	28,440	4.9
1985-86	30,067	5.7
1986-87	31,412	4.5
1987-88	33,151	5.5
1988-89	34,685	4.6
1989-90	37,072	6.9
1990-91	39,421	6.3

AVERAGE SALARY OF MICHIGAN PUBLIC SCHOOL TEACHERS



Source: Department Services
Michigan Department of Education



TOTAL CLASSROOM TEACHERS (K-12) EMPLOYED BY LOCAL PUBLIC SCHOOL DISTRICTS IN MICHIGAN (FULL-TIME EQUIVALENCY)

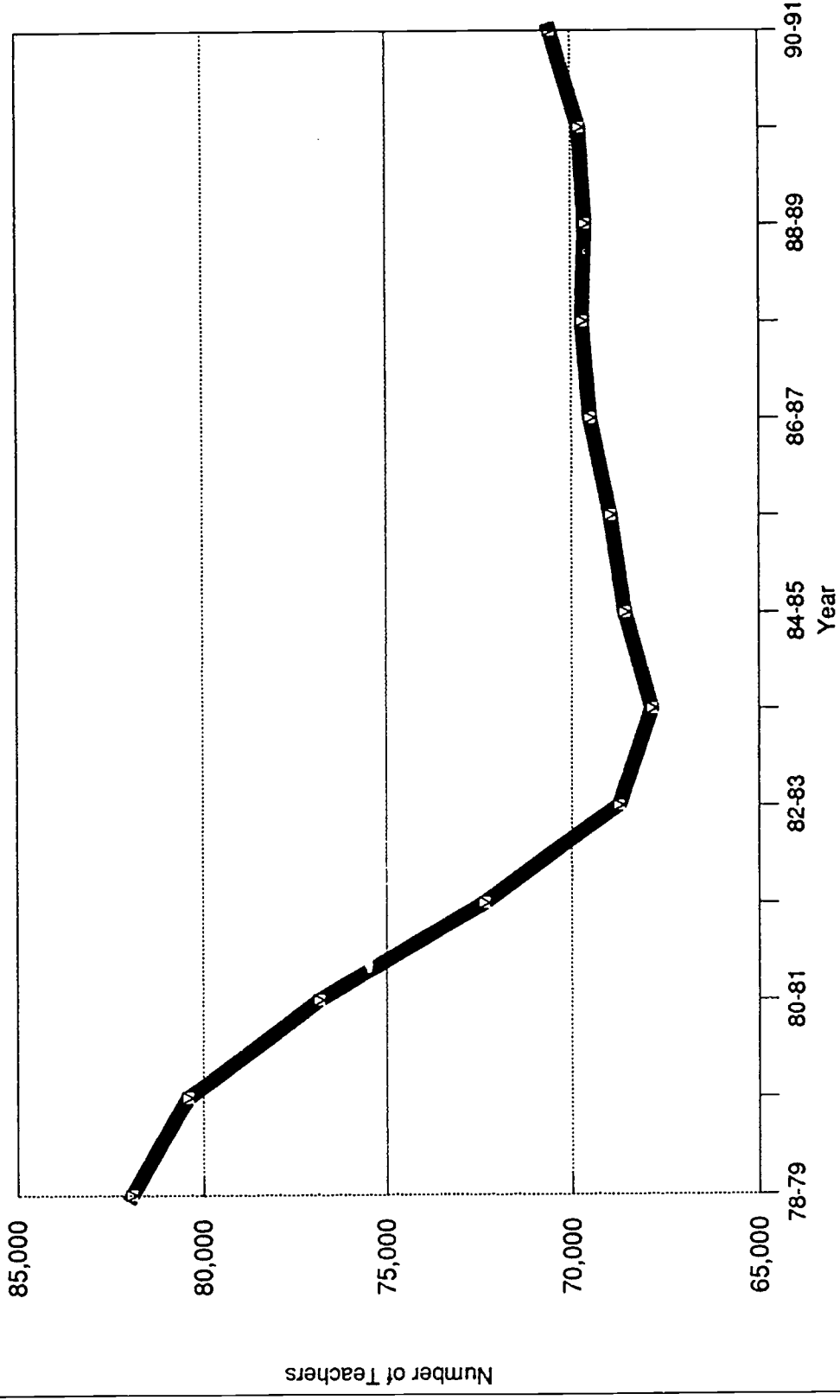
The total number of full-time equivalent classroom teachers (K-12) employed by Michigan's local public school districts was 70,555 in the 1990-91 school year. Between 1978-79 and

1990-91, the number of teachers ranged from a peak of 81,926 in 1978-79 to a low of 67,877 in 1983-84.

Year	Number*	Change from Previous Year	
		Number	Percent
1978-79	81,926		
1979-80	80,411	-1,515	-1.8
1980-81	76,850	-3,561	-4.4
1981-82	72,338	-4,512	-5.9
1982-83	68,752	-3,586	-5.0
1983-84	67,877	-875	-1.3
1984-85	68,591	714	1.1
1985-86	68,977	386	.6
1986-87	69,510	533	.8
1987-88	69,724	214	.3
1988-89	69,629	-95	-.1
1989-90	69,803	174	.2
1990-91	70,555	752	1.1

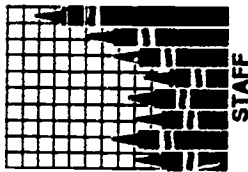
*Excludes prekindergarten, special and adult/continuing education teachers.

**TOTAL CLASSROOM TEACHERS (K-12) EMPLOYED BY
LOCAL PUBLIC SCHOOL DISTRICTS
IN MICHIGAN (FULL-TIME EQUIVALENCY)**



Source: Department Services
Michigan Department of Education





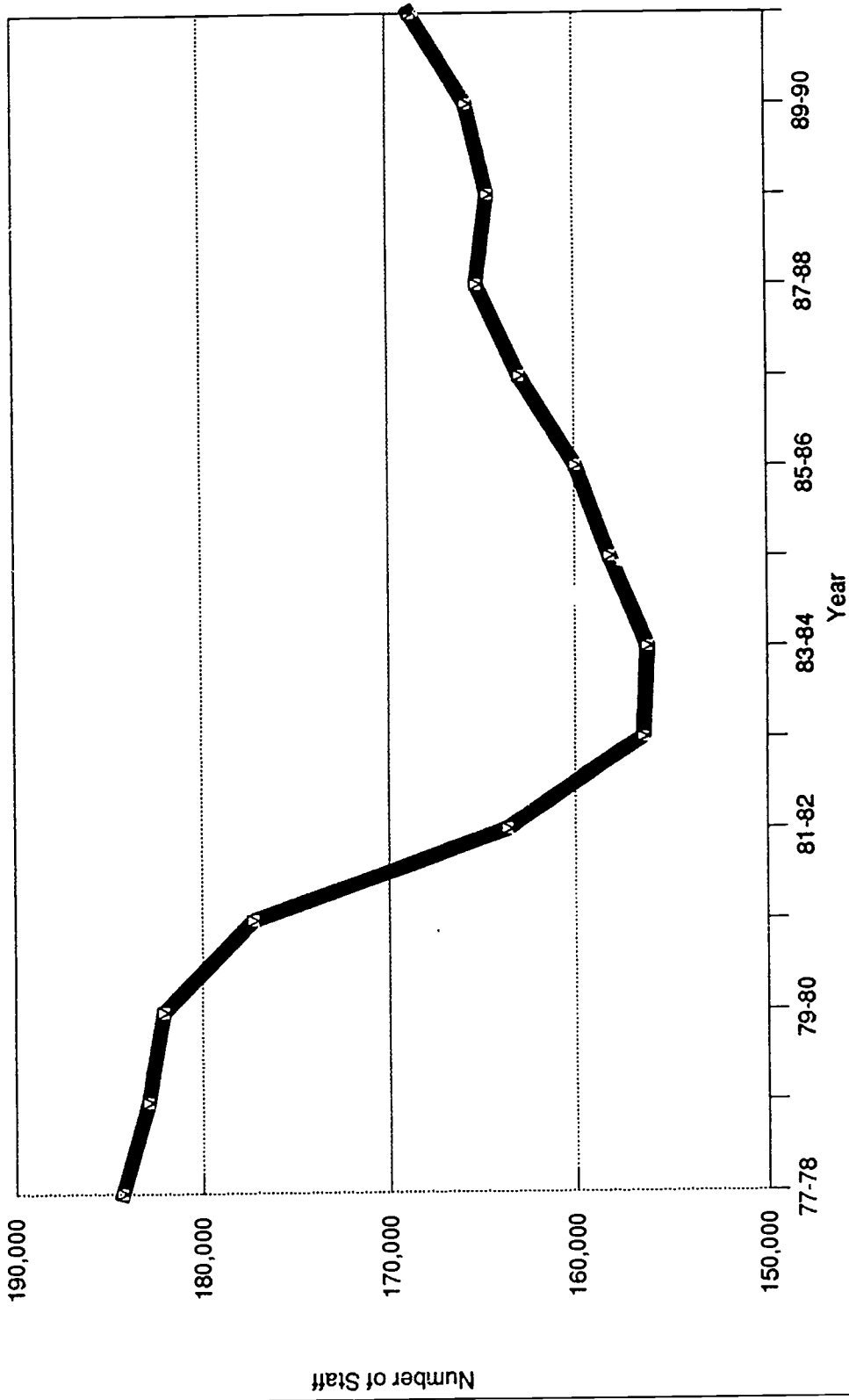
TOTAL STAFF EMPLOYED BY LOCAL PUBLIC SCHOOL DISTRICTS IN MICHIGAN (FULL-TIME EQUIVALENCY)

The total number of full-time equivalent staff employed by Michigan's local public school districts was 168,717 in the 1990-91 school year. This number includes instructional and

noninstructional staff members. Between 1977-78 and 1990-91, the number of staff ranged from a peak of 184,289 in 1977-78 to a low of 156,233 in 1983-84.

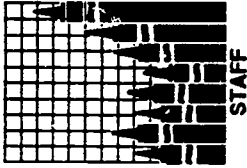
Year	Total	Change from Previous Year	
		Number	Percent
1977-78	184,289		
1978-79	182,902	-1,387	-.8
1979-80	182,080	-822	-.4
1980-81	177,312	-4,768	-2.6
1981-82	163,642	-13,670	-7.7
1982-83	156,460	-7,182	-4.4
1983-84	156,233	-227	-.1
1984-85	158,192	1,959	1.3
1985-86	159,983	1,791	1.1
1986-87	162,956	2,973	1.9
1987-88	165,195	2,239	1.4
1988-89	164,590	-605	-.4
1989-90	165,699	1,109	.7
1990-91	168,717	3,018	1.8

TOTAL STAFF EMPLOYED BY LOCAL PUBLIC SCHOOL DISTRICTS IN MICHIGAN (FULL-TIME EQUIVALENCY)



Source: Department Services
Michigan Department of Education





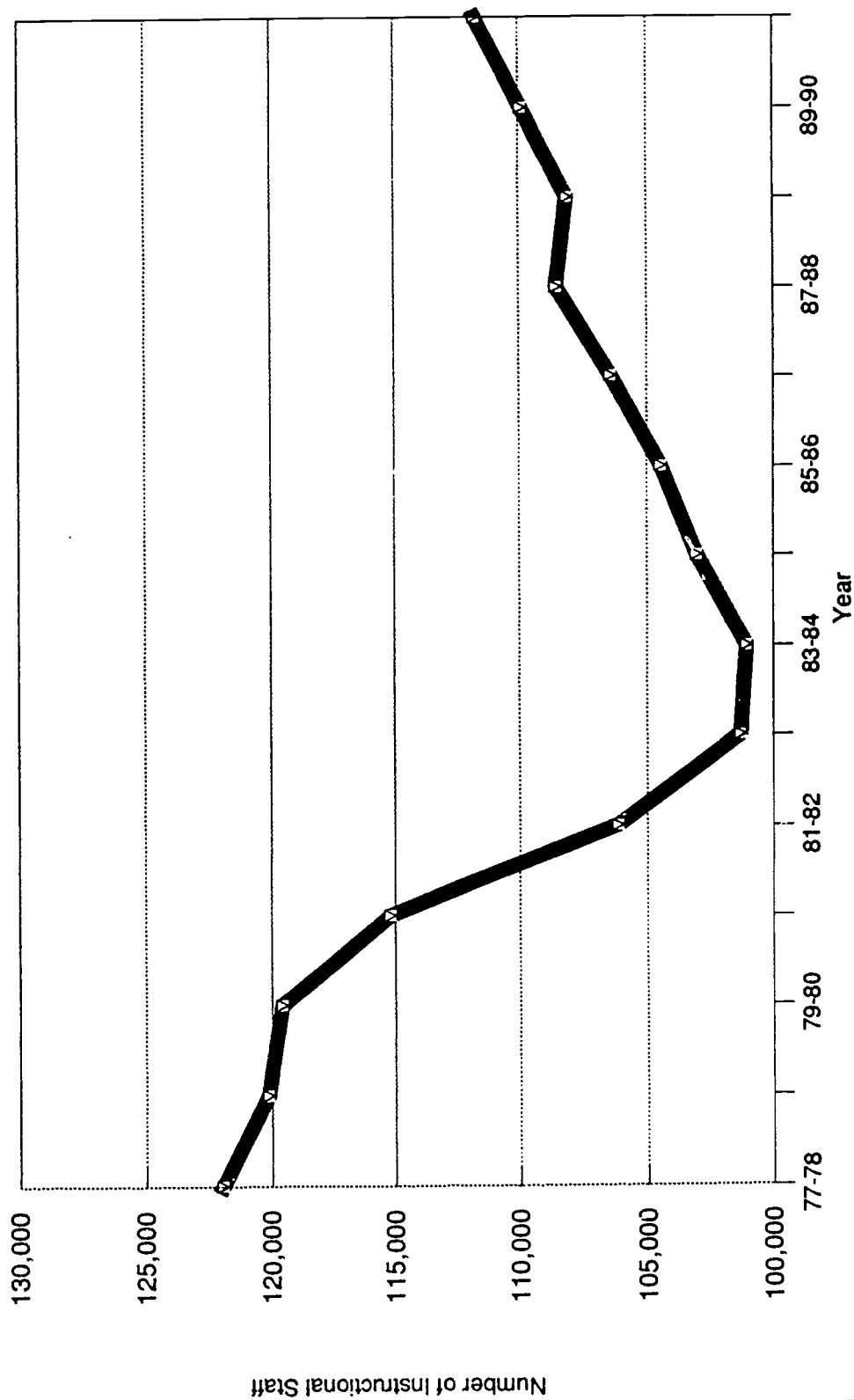
TOTAL INSTRUCTIONAL STAFF EMPLOYED BY LOCAL PUBLIC SCHOOL DISTRICTS IN MICHIGAN (FULL-TIME EQUIVALENCY)

The total number of full-time equivalent instructional staff employed by Michigan's local public school districts was 111,752 in the 1990-91 school year. This number includes classroom teachers, teacher aides, and professional and

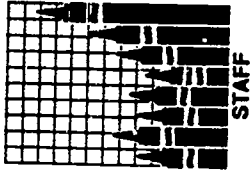
nonprofessional instructional support staff members. Between 1977-78 and 1990-91, the number of instructional staff ranged from a peak of 121,974 in 1977-78 to a low of 101,074 in 1983-84.

Year	Total	Change from Previous Year	
		Number	Percent
1977-78	121,974		
1978-79	120,157	-1,817	-1.5
1979-80	119,585	-572	-.5
1980-81	115,206	-4,379	-3.7
1981-82	106,148	-9,058	-7.9
1982-83	101,300	-4,848	-4.6
1983-84	101,074	-226	-.2
1984-85	103,070	1,996	2.0
1985-86	104,464	1,394	1.4
1986-87	106,445	1,981	1.9
1987-88	108,566	2,121	2.0
1988-89	108,123	-443	-.4
1989-90	109,920	1,797	1.7
1990-91	111,752	1,832	1.7

TOTAL INSTRUCTIONAL STAFF EMPLOYED BY LOCAL PUBLIC SCHOOL DISTRICTS IN MICHIGAN (FULL-TIME EQUIVALENCY)



Source: Department Services
Michigan Department of Education



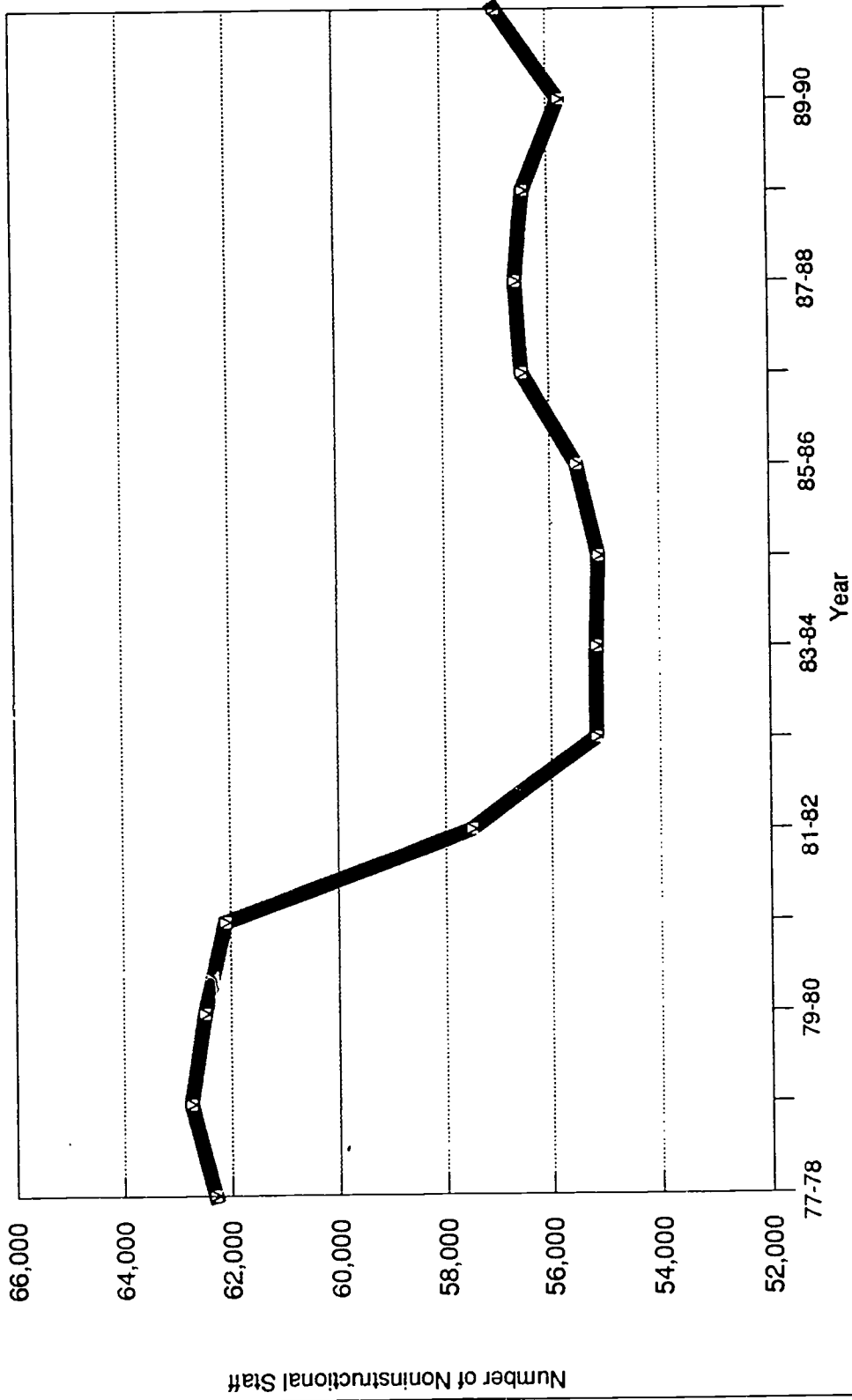
TOTAL NONINSTRUCTIONAL STAFF EMPLOYED BY LOCAL PUBLIC SCHOOL DISTRICTS IN MICHIGAN (FULL-TIME EQUIVALENCY)

The total number of full-time equivalent noninstructional staff employed by Michigan's local public school districts was 56,965 in the 1990-91 school year. This number includes professional noninstructional and nonprofessional

noninstructional staff members. Between 1977-78 and 1990-91, the number of noninstructional staff ranged from a peak of 62,745 in 1978-79 to a low of 55,122 in 1984-85.

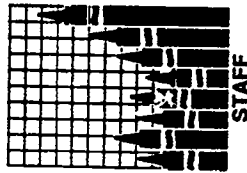
Year	Total	Change from Previous Year Number	Percent
1977-78	62,315		
1978-79	62,745	430	.7
1979-80	62,495	-250	-.4
1980-81	62,106	-389	-.6
1981-82	57,494	-4,612	-7.4
1982-83	55,160	-2,334	-4.1
1983-84	55,159	-1	0.0
1984-85	55,122	-37	-.1
1985-86	55,519	397	.7
1986-87	56,511	992	1.8
1987-88	56,629	118	.2
1988-89	56,467	-162	-.3
1989-90	55,779	-688	-1.2
1990-91	56,965	1,186	2.1

**TOTAL NONINSTRUCTIONAL STAFF EMPLOYED BY
LOCAL PUBLIC SCHOOL DISTRICTS IN MICHIGAN
(FULL-TIME EQUIVALENCY)**



Source: Department Services
Michigan Department of Education





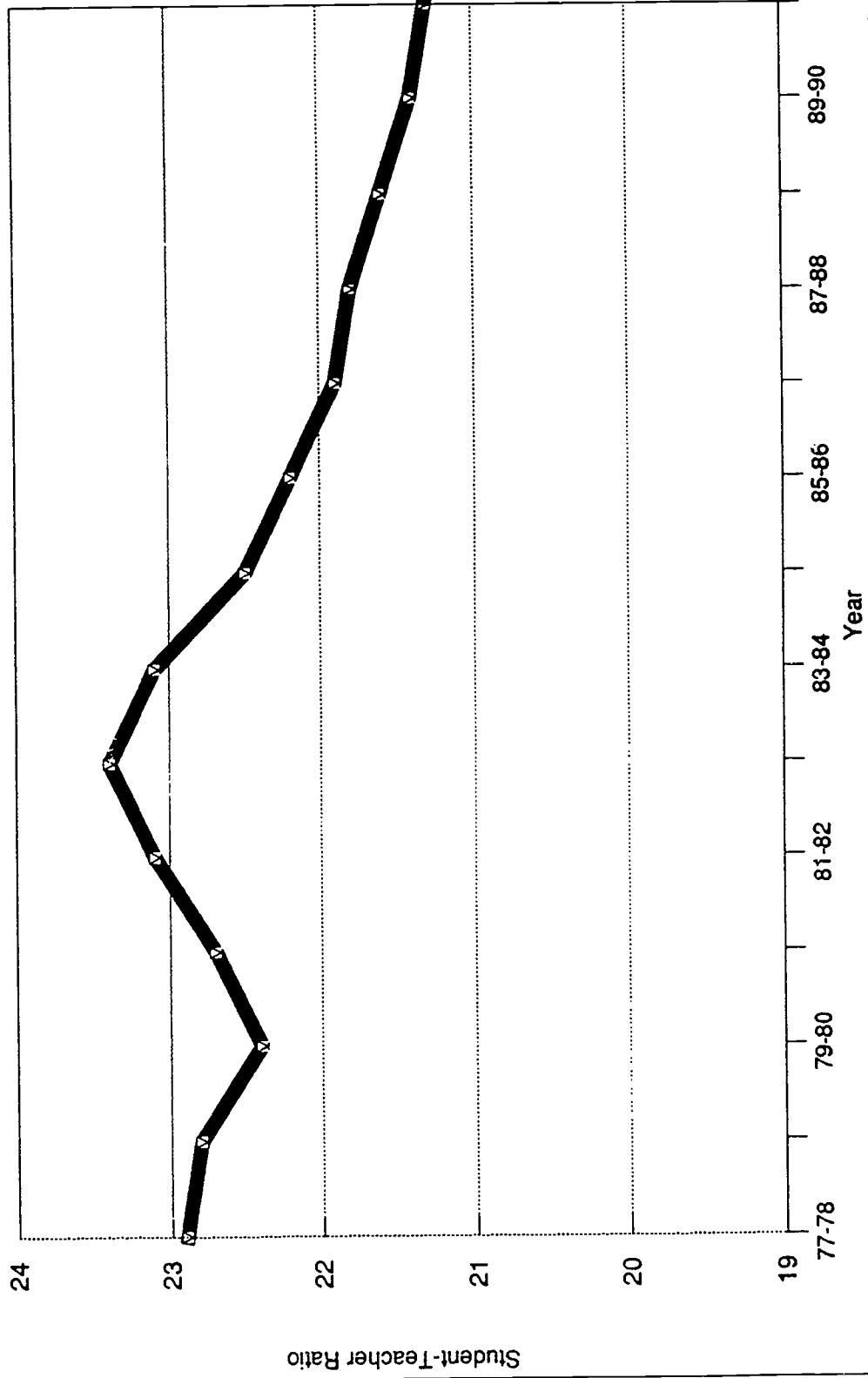
STUDENT-TEACHER RATIO IN MICHIGAN

The student-teacher ratio is the ratio of the total number of Michigan public school students in grades K-12 to the total number of full-time equivalent classroom teachers (K-12) employed by local public school districts in Michigan. Students

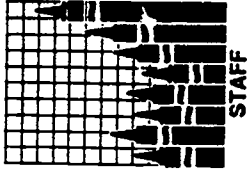
and teachers in special education and adult/continuing education are not included in this ratio. Between 1977-78 and 1990-91, the student-teacher ratios ranged from a peak of 23.4 in 1982-83 to a low of 21.3 in 1990-91.

Year	Total Students (K-12)	Total Classroom Teachers (FTE)	Student-Teacher Ratio
1977-78	1,929,505	84,278	22.9
1978-79	1,869,811	81,926	22.8
1979-80	1,804,658	80,411	22.4
1980-81	1,743,677	76,850	22.7
1981-82	1,668,330	72,338	23.1
1982-83	1,609,964	68,752	23.4
1983-84	1,569,441	67,877	23.1
1984-85	1,542,257	68,591	22.5
1985-86	1,529,626	68,977	22.2
1986-87	1,522,930	69,510	21.9
1987-88	1,519,742	69,724	21.8
1988-89	1,505,108	69,629	21.6
1989-90	1,495,976	69,803	21.4
1990-91	1,502,577	70,555	21.3

STUDENT - TEACHER RATIO IN MICHIGAN



Source: Department Services
Michigan Department of Education



STUDENT - PUBLIC SCHOOL STAFF RATIO IN MICHIGAN

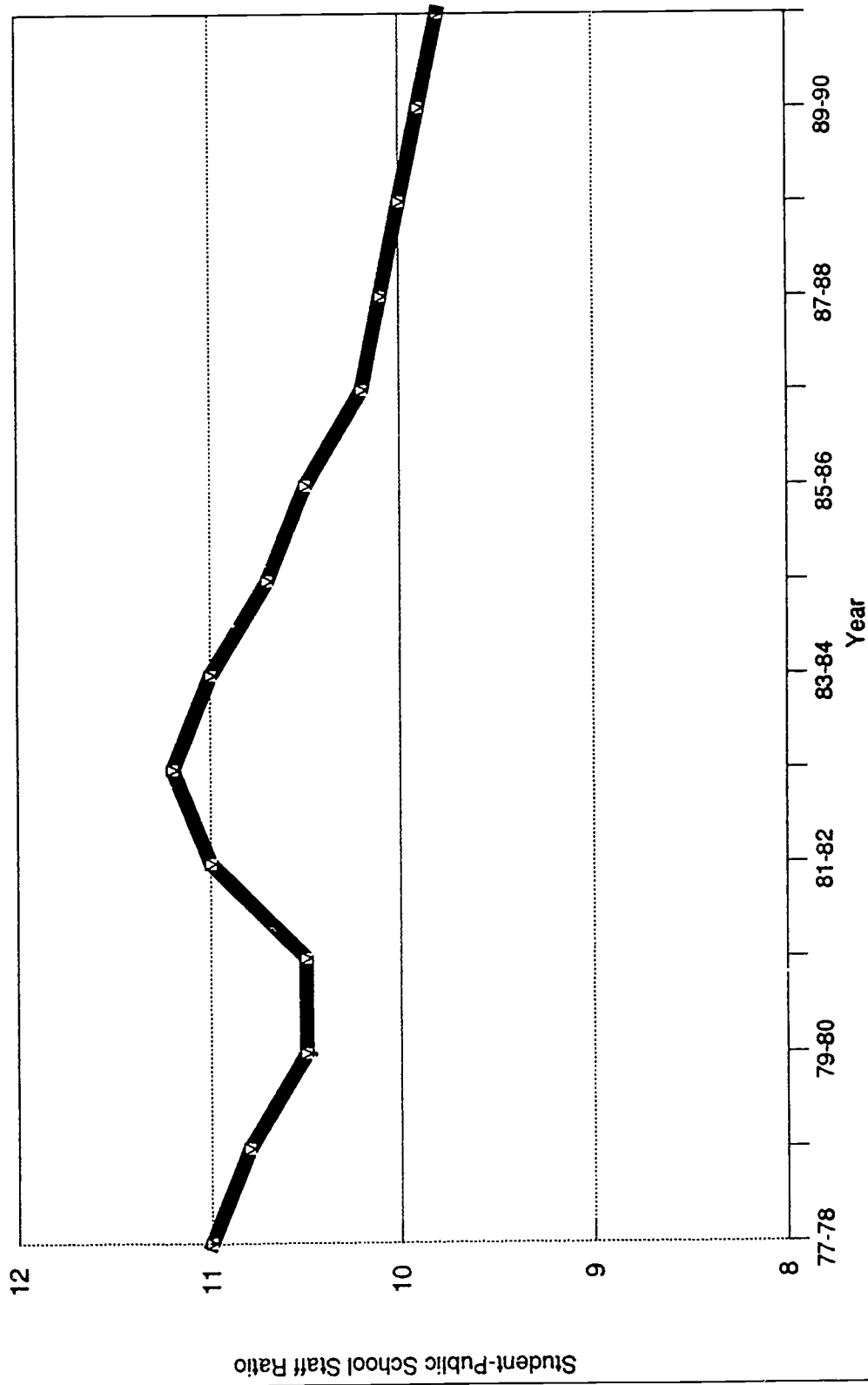
The student-public school staff ratio is the ratio of the total public school membership in Michigan, including students in grades K-12, special education, adult/continuing education and other part-time students, to the total number of full-time equivalent instructional and noninstructional staff members,

excluding prekindergarten teachers, employed by local public school districts in Michigan. Between 1977-78 and 1990-91, the student-public school staff ratios ranged from a peak of 11.2 in 1982-83 to a low of 9.8 in 1990-91.

Year	Total Membership	Total Staff *	Ratio
1977-78	2,025,166	184,040	11.0
1978-79	1,966,157	182,632	10.8
1979-80	1,911,334	181,817	10.5
1980-81	1,861,953	177,019	10.5
1981-82	1,795,178	163,385	11.0
1982-83	1,746,552	156,225	11.2
1983-84	1,716,768	155,986	11.0
1984-85	1,684,363	157,973	10.7
1985-86	1,669,405	159,701	10.5
1986-87	1,660,280	162,655	10.2
1987-88	1,660,414	164,831	10.1
1988-89	1,643,182	164,295	10.0
1989-90	1,641,195	165,359	9.9
1990-91	1,655,126	168,300	9.8

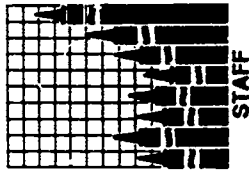
*Excludes prekindergarten teachers

STUDENT - PUBLIC SCHOOL STAFF RATIO IN MICHIGAN



Source: Department Services
Michigan Department of Education



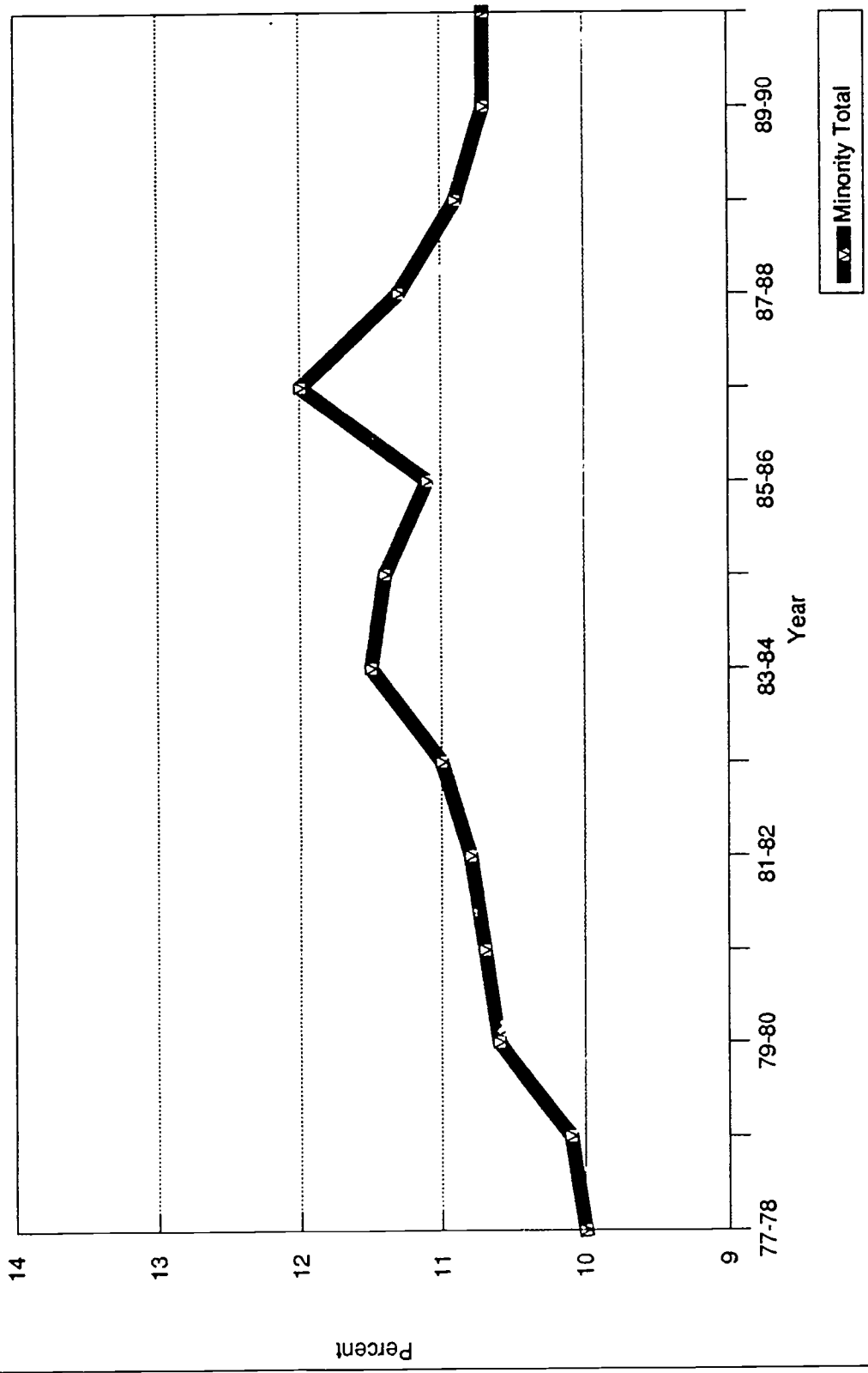


RACIAL-ETHNIC DISTRIBUTION OF PUBLIC SCHOOL TEACHERS IN MICHIGAN

In the 1990-91 school year, the statewide distribution of 92,834 public school teachers in Michigan by racial-ethnic group was as follows: American Indian-0.3%; Asian American-0.3%; Black-9.4%; Hispanic-0.5%; and White-89.5%. The changes in the distribution of Michigan's public school teachers by racial-ethnic group were insignificant between 1977-78 and 1990-91.

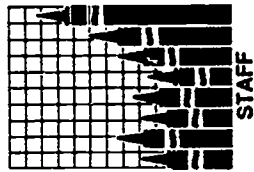
Year	American Indian %	Asian American %	Black %	Hispanic %	White %
1977-78	.2	.2	9.2	.4	90.0
1978-79	.2	.2	9.3	.4	89.8
1979-80	.2	.2	9.7	.5	89.4
1980-81	.2	.2	9.8	.5	89.3
1981-82	.2	.2	9.9	.5	89.2
1982-83	.2	.2	10.1	.5	88.9
1983-84	.2	.2	10.6	.5	88.4
1984-85	.2	.3	10.4	.5	88.6
1985-86	.2	.3	10.2	.4	88.9
1986-87	.3	.3	10.8	.6	88.1
1987-88	.3	.3	10.2	.5	88.7
1988-89	.2	.3	9.9	.5	89.1
1989-90	.2	.3	9.7	.5	89.3
1990-91	.3	.3	9.4	.5	89.5

RACIAL-ETHNIC DISTRIBUTION OF PUBLIC SCHOOL TEACHERS IN MICHIGAN



Source: Teacher/Administrator Preparation and Certification Services
Michigan Department of Education





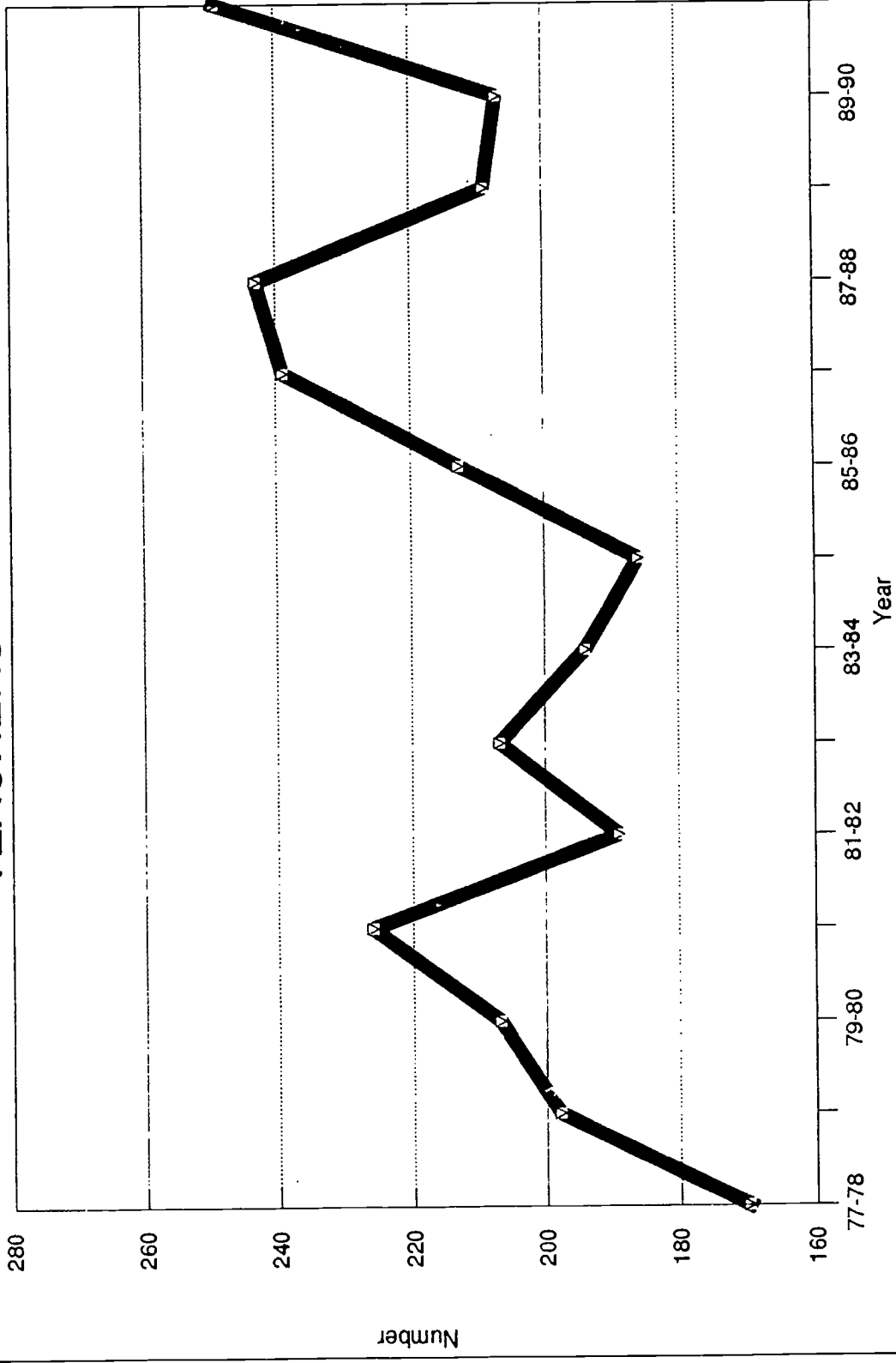
NUMBER OF AMERICAN INDIAN PUBLIC SCHOOL TEACHERS IN MICHIGAN

The total number of American Indian public school teachers in Michigan was 249 in the 1990-91 school year. Between 1977-78 and 1990-91, the number of American

Indian teachers ranged from a low of 170 in 1977-78 to a peak of 249 in 1990-91.

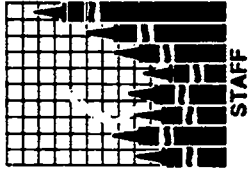
Year	Total	Change from Previous Year	
		Number	Percent
1977-78	170		
1978-79	198	28	16.5
1979-80	207	9	4.5
1980-81	226	19	9.2
1981-82	189	-37	-16.4
1982-83	207	18	9.5
1983-84	194	-13	-6.3
1984-85	186	-8	-4.1
1985-86	213	27	14.5
1986-87	239	26	12.2
1987-88	243	4	1.7
1988-89	209	-34	-14.0
1989-90	207	-2	-1.0
1990-91	249	42	20.3

NUMBER OF AMERICAN INDIAN PUBLIC SCHOOL TEACHERS IN MICHIGAN



Source: Teacher/Administrator Preparation and Certification Services
Michigan Department of Education





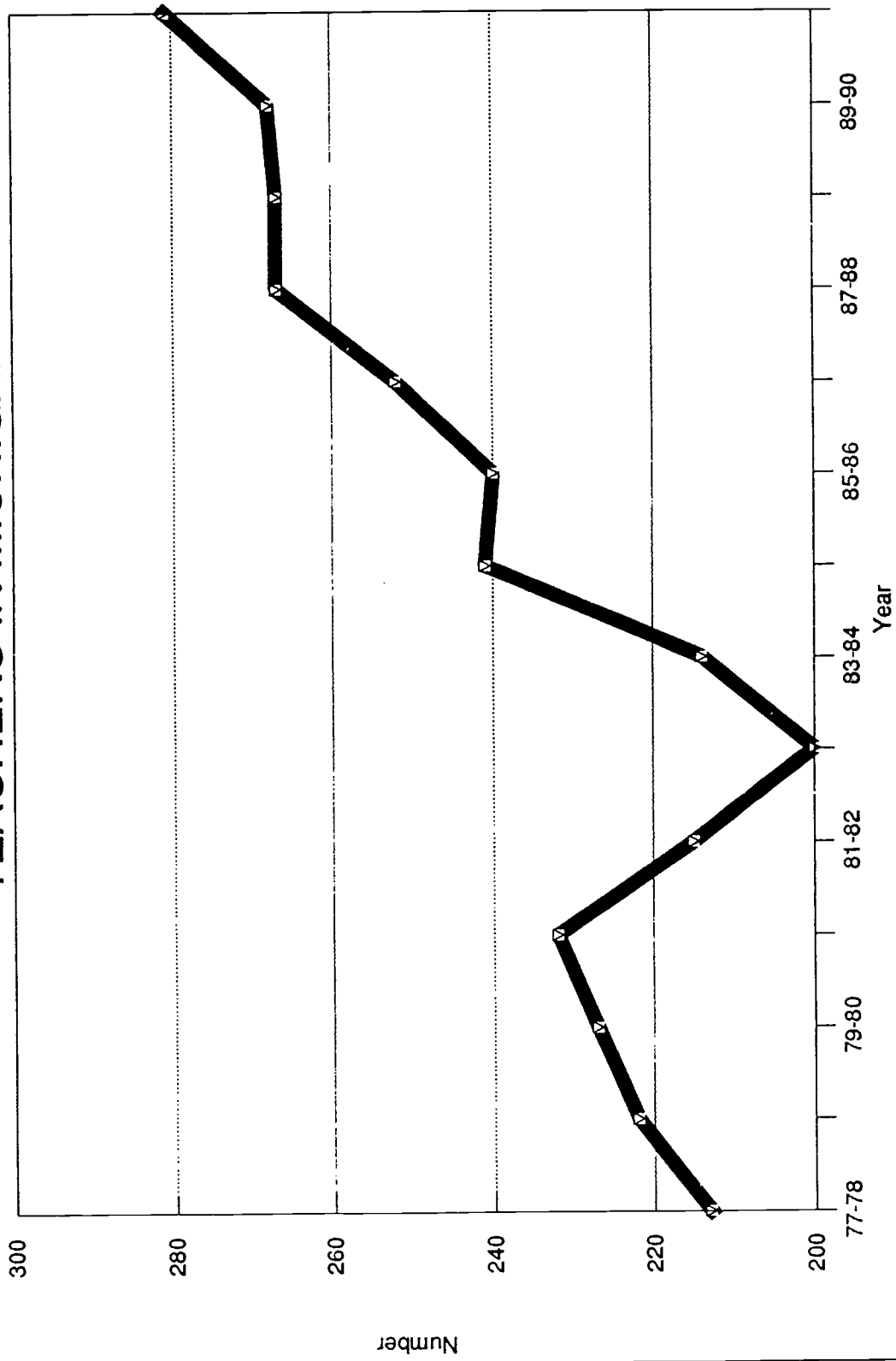
NUMBER OF ASIAN AMERICAN PUBLIC SCHOOL TEACHERS IN MICHIGAN

The total number of Asian American public school teachers in Michigan was 281 in the 1990-91 school year. Between 1977-78 and 1990-91, the number of Asian American teachers

ranged from a low of 200 in 1982-83 to a peak of 281 in 1990-91.

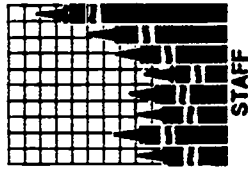
Year	Total	Change from Previous Year	
		Number	Percent
1977-78	213		
1978-79	222	9	4.2
1979-80	227	5	2.3
1980-81	232	5	2.2
1981-82	215	-17	-7.3
1982-83	200	-15	-7.0
1983-84	214	14	7.0
1984-85	241	27	12.6
1985-86	240	-1	-.4
1986-87	252	12	5.0
1987-88	267	15	6.0
1988-89	267	0	0.0
1989-90	268	1	.4
1990-91	281	13	4.9

NUMBER OF ASIAN AMERICAN PUBLIC SCHOOL TEACHERS IN MICHIGAN



Source: Teacher/Administrator Preparation and Certification Services
Michigan Department of Education



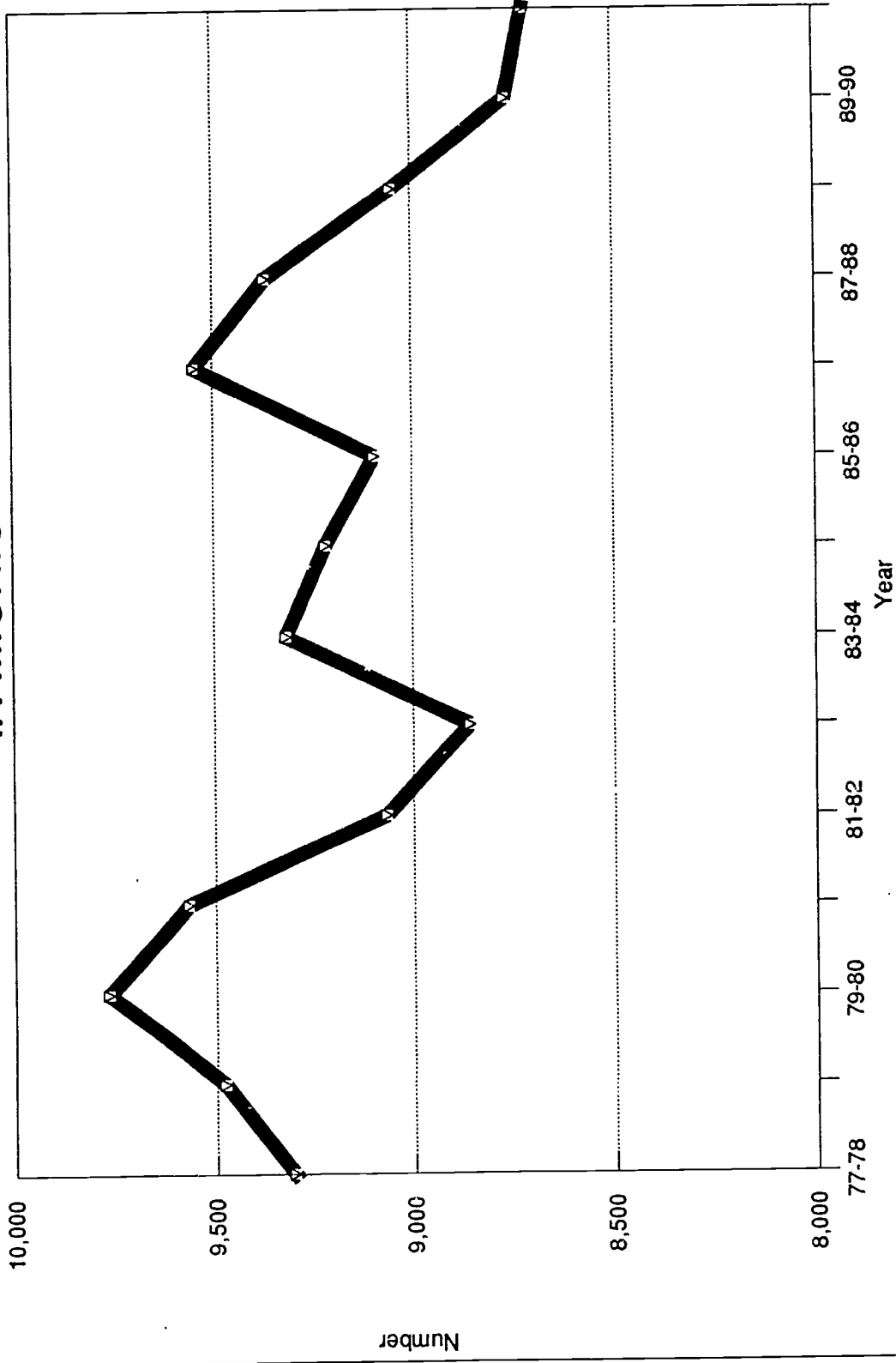


NUMBER OF BLACK PUBLIC SCHOOL TEACHERS IN MICHIGAN

The total number of Black public school teachers in Michigan was 8,719 in the 1990-91 school year. Between 1977-78 and 1990-91, the number of Black teachers ranged from a peak of 9,769 in 1979-80 to a low of 8,719 in 1990-91.

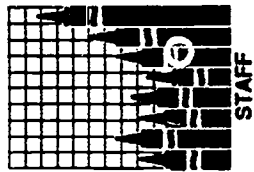
<i>Year</i>	<i>Total</i>	<i>Change from Previous Year</i>	
		<i>Number</i>	<i>Percent</i>
1977-78	9,304		
1978-79	9,478	174	1.9
1979-80	9,769	291	3.1
1980-81	9,569	-200	-2.0
1981-82	9,068	-501	-5.2
1982-83	8,858	-210	-2.3
1983-84	9,321	463	5.2
1984-85	9,220	-101	-1.1
1985-86	9,095	-125	-1.4
1986-87	9,549	454	5.0
1987-88	9,369	-180	-1.9
1988-89	9,050	-319	-3.4
1989-90	8,763	-287	-3.2
1990-91	8,719	-44	-.5

NUMBER OF BLACK PUBLIC SCHOOL TEACHERS IN MICHIGAN



Source: Teacher/Administrator Preparation and Certification Services
Michigan Department of Education





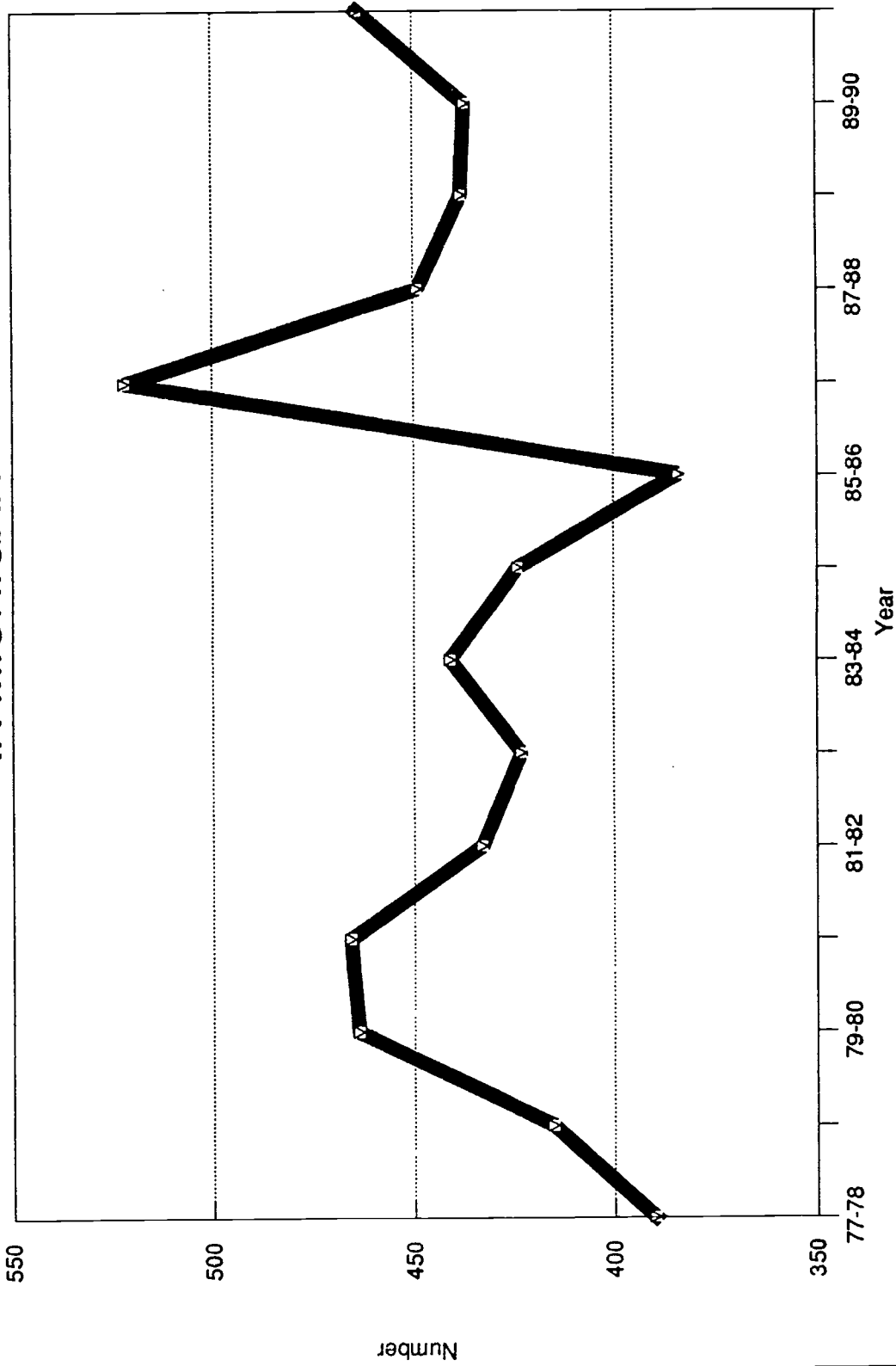
NUMBER OF HISPANIC PUBLIC SCHOOL TEACHERS IN MICHIGAN

The total number of Hispanic public school teachers in Michigan was 464 in the 1990-91 school year. Between

1977-78 and 1990-91, the number of Hispanic teachers ranged from a low of 384 in 1985-86 to a peak of 522 in 1986-87.

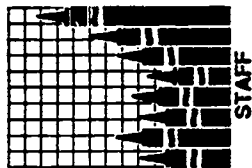
Year	Total	Change from Previous Year	
		Number	Percent
1977-78	390		
1978-79	415	25	6.4
1979-80	464	49	11.8
1980-81	466	2	.4
1981-82	433	-33	-7.1
1982-83	423	-10	-2.3
1983-84	441	18	4.3
1984-85	424	-17	-3.9
1985-86	384	-40	-9.4
1986-87	522	138	35.9
1987-88	449	-73	-14.0
1988-89	438	-11	-2.4
1989-90	437	-1	-.2
1990-91	464	27	6.2

NUMBER OF HISPANIC PUBLIC SCHOOL TEACHERS IN MICHIGAN



Source: Teacher/Administrator Preparation and Certification Services
Michigan Department of Education



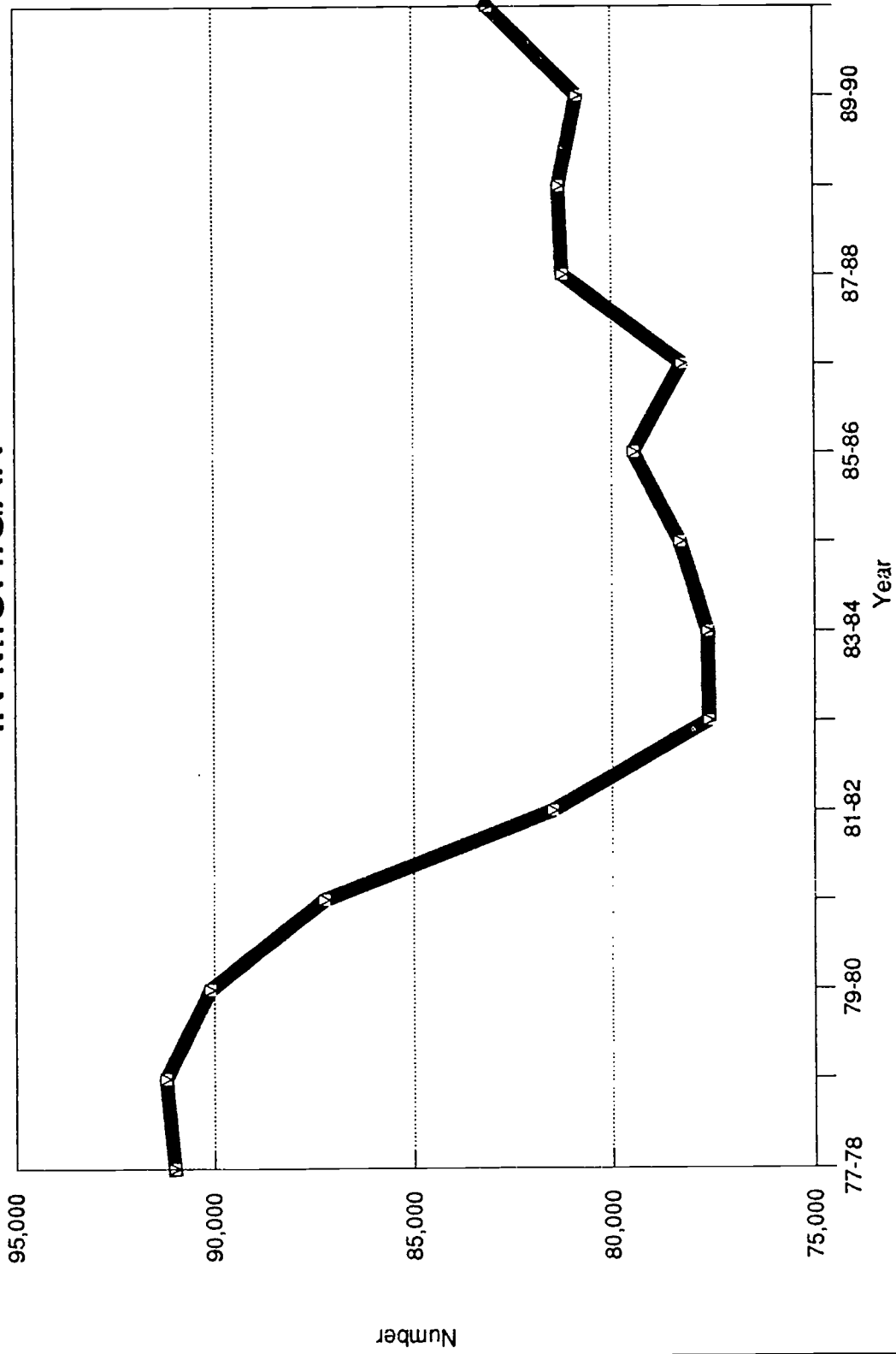


NUMBER OF WHITE PUBLIC SCHOOL TEACHERS IN MICHIGAN

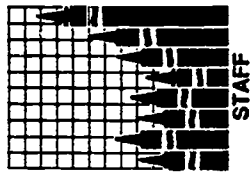
The total number of White public school teachers in Michigan was 83,121 in the 1990-91 school year. Between 1977-78 and 1990-91, the number of White teachers ranged from a peak of 91,250 in 1978-79 to a low of 77,594 in 1982-83.

Year	Total	Change from Previous Year	
		Number	Percent
1977-78	91,026		
1978-79	91,250	224	.2
1979-80	90,102	-1,148	-1.3
1980-81	87,236	-2,866	-3.2
1981-82	81,496	-5,740	-6.6
1982-83	77,594	-3,902	-4.8
1983-84	77,628	34	0.0
1984-85	78,305	677	.9
1985-86	79,468	1,163	1.5
1986-87	78,260	-1,208	-1.5
1987-88	81,229	2,969	3.8
1988-89	81,313	84	.1
1989-90	80,854	-459	-.6
1990-91	83,121	2,267	2.8

NUMBER OF WHITE PUBLIC SCHOOL TEACHERS IN MICHIGAN



Source: Teacher/Administrator Preparation and Certification Services
Michigan Department of Education



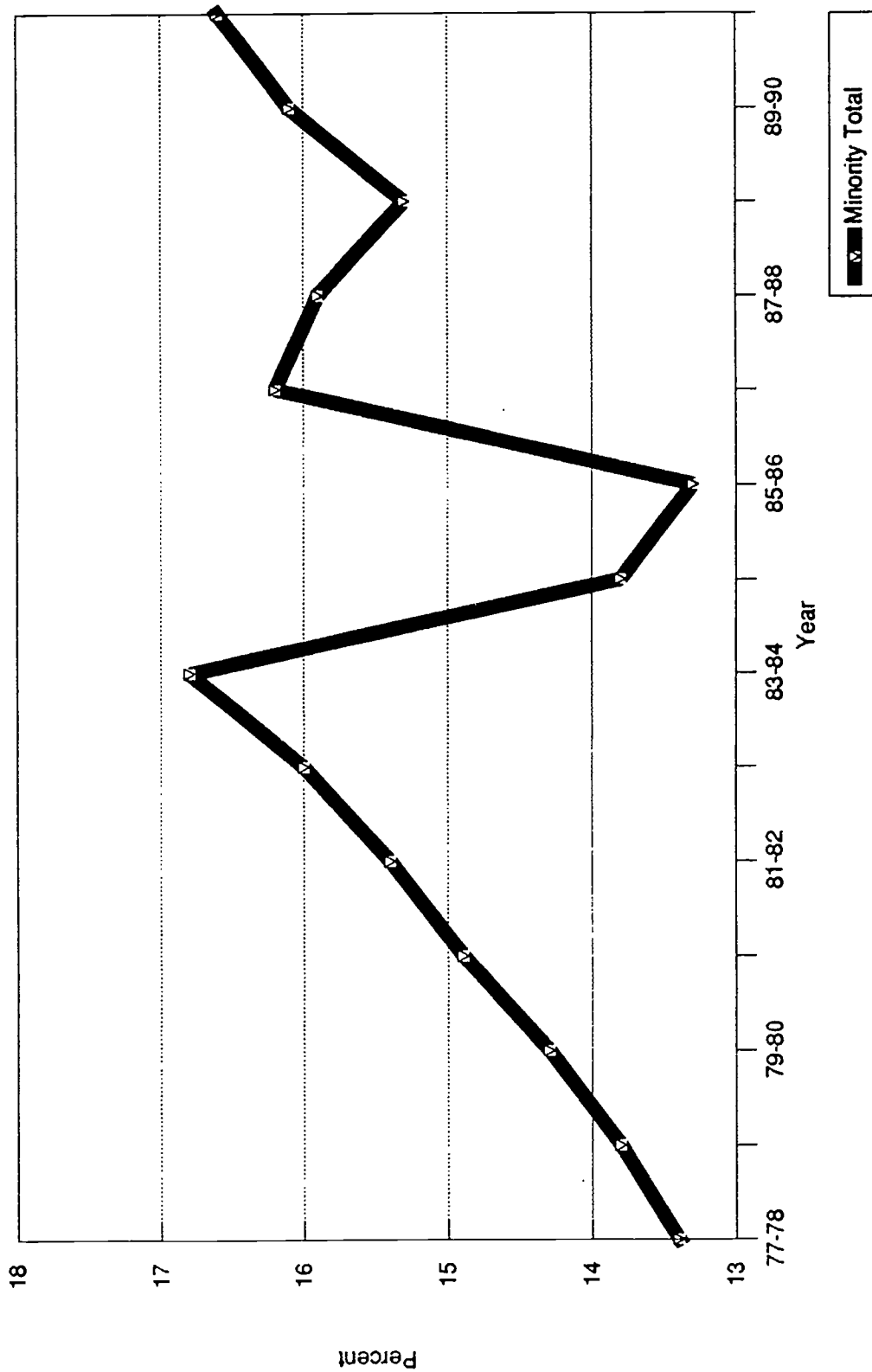
RACIAL-ETHNIC DISTRIBUTION OF PUBLIC SCHOOL ADMINISTRATORS IN MICHIGAN

In the 1990-91 school year, the statewide distribution of 7,925 public school administrators in Michigan by racial-ethnic group was as follows: American Indian-0.3%; Asian American-0.2%; Black-15.4%; Hispanic-0.7%; and White-83.5%. Between 1977-78 and 1990-91, the following changes occurred in the

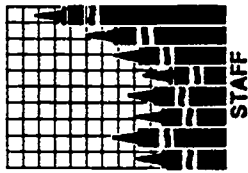
distribution of administrators by racial-ethnic group: American Indian and Asian American administrators increased by 0.1%; Hispanic administrators increased by 0.2%; Black administrators increased by 2.8%; and White administrators decreased by 3.2%.

Year	American Indian %	Asian American %	Black %	Hispanic %	White %
1977-78	.2	.1	12.6	.5	86.7
1978-79	.2	.1	13.0	.5	86.3
1979-80	.2	.1	13.5	.5	85.7
1980-81	.2	.1	14.1	.5	85.0
1981-82	.2	.1	14.6	.5	84.6
1982-83	.2	.2	15.1	.5	84.1
1983-84	.2	.2	15.8	.6	83.3
1984-85	.2	.1	12.9	.6	86.1
1985-86	.2	.1	12.3	.7	86.8
1986-87	.2	.2	15.1	.7	83.9
1987-88	.2	.2	14.9	.6	84.1
1988-89	.2	.2	14.3	.6	84.7
1989-90	.3	.2	15.0	.6	83.9
1990-91	.3	.2	15.4	.7	83.5

RACIAL-ETHNIC DISTRIBUTION OF PUBLIC SCHOOL ADMINISTRATORS IN MICHIGAN



Source: Teacher/Administrator Preparation and Certification Services
Michigan Department of Education



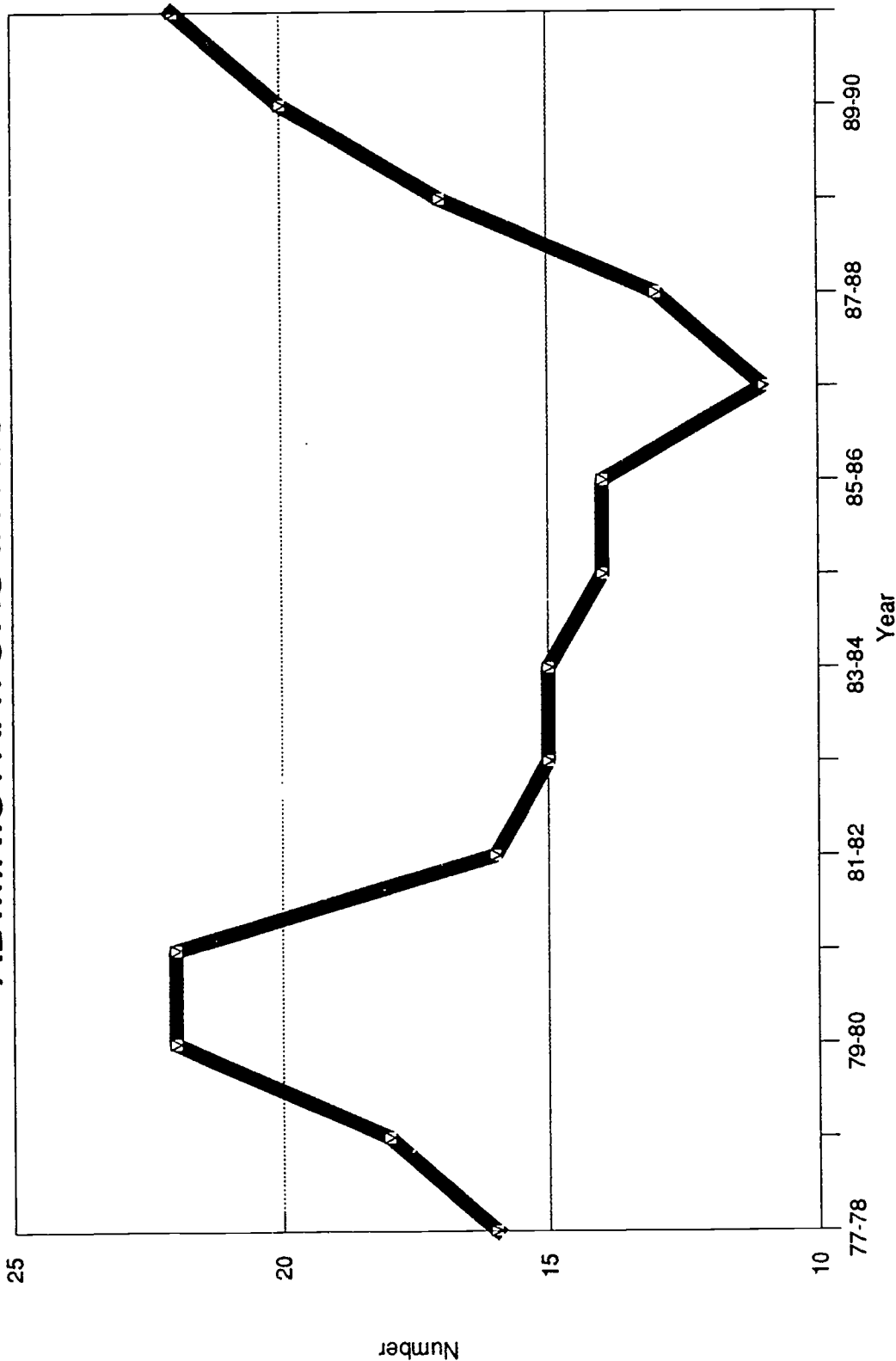
NUMBER OF AMERICAN INDIAN PUBLIC SCHOOL ADMINISTRATORS IN MICHIGAN

The total number of American Indian public school administrators in Michigan was 27 in the 1990-91 school year. Between 1977-78 and 1990-91, the number of American Indian

administrators ranged from a peak of 22 in 1979-80, 1980-81, and 1990-91 to a low of 11 in 1986-87.

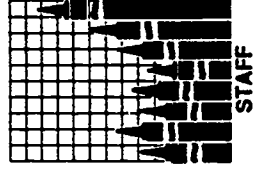
Year	Total	Change from Previous Year	
		Number	Percent
1977-78	16		
1978-79	18	2	12.5
1979-80	22	4	22.2
1980-81	22	0	0.0
1981-82	16	-6	-27.3
1982-83	15	-1	-6.3
1983-84	15	0	0.0
1984-85	14	-1	-6.7
1985-86	14	0	0.0
1986-87	11	-3	-21.4
1987-88	13	2	18.2
1988-89	17	4	30.8
1989-90	20	3	17.6
1990-91	22	2	10.0

NUMBER OF AMERICAN INDIAN PUBLIC SCHOOL ADMINISTRATORS IN MICHIGAN



Source: Teacher/Administrator Preparation and Certification Services
Michigan Department of Education





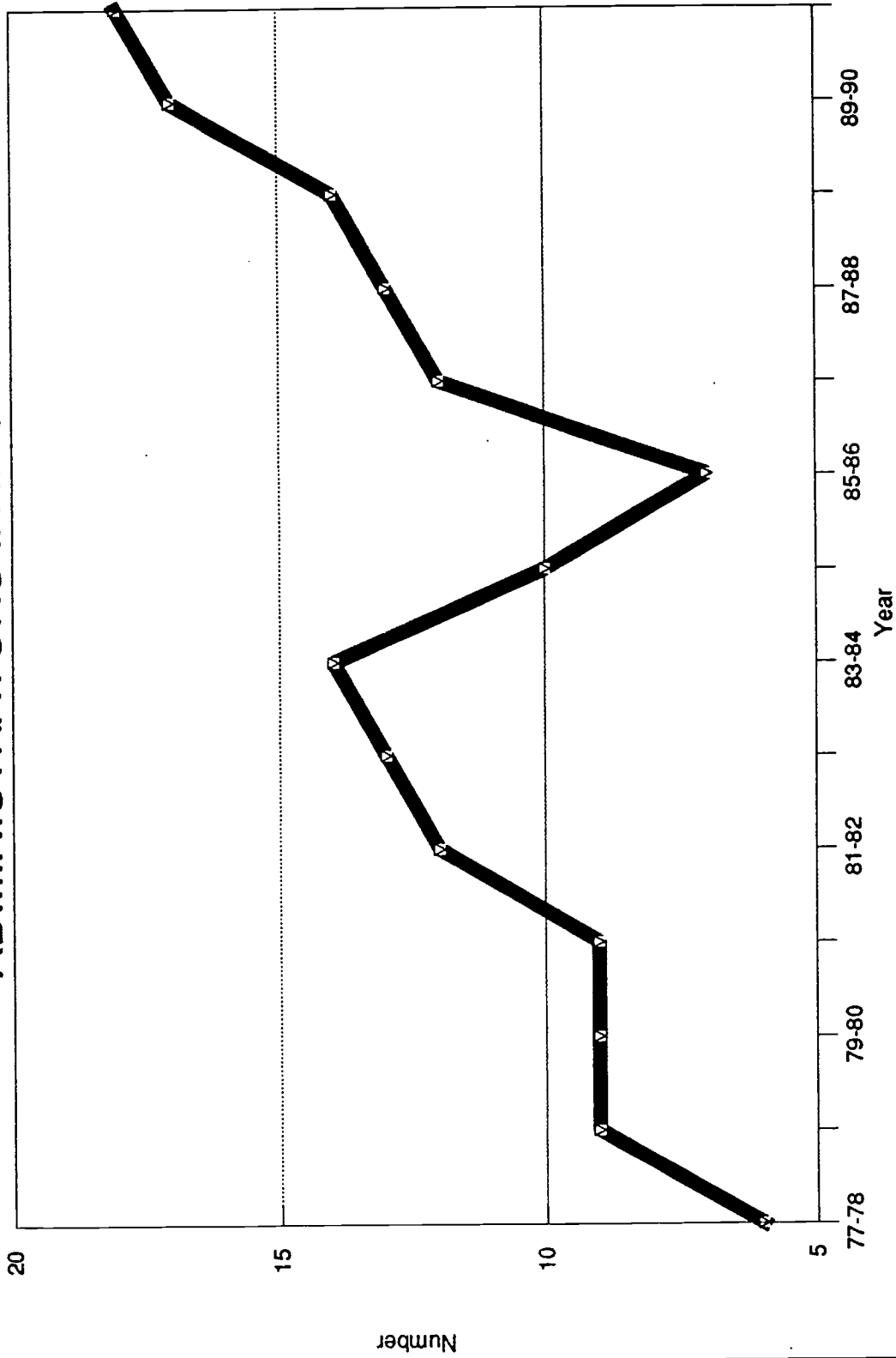
NUMBER OF ASIAN AMERICAN PUBLIC SCHOOL ADMINISTRATORS IN MICHIGAN

The total number of Asian American public school administrators in Michigan was 18 in the 1990-91 school year. Between 1977-78 and 1990-91, the number of Asian American

administrators ranged from a low of 6 in 1977-78 to a peak of 18 in 1990-91.

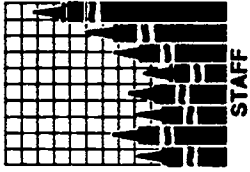
Year	Total	Change from Previous Year Number	Percent
1977-78	6		
1978-79	9	3	50.0
1979-80	9	0	0.0
1980-81	9	0	0.0
1981-82	12	3	33.3
1982-83	13	1	8.3
1983-84	14	1	7.7
1984-85	10	-4	-28.6
1985-86	7	-3	-30.0
1986-87	12	5	71.4
1987-88	13	1	8.3
1988-89	14	1	7.7
1989-90	17	3	21.4
1990-91	18	1	5.9

NUMBER OF ASIAN AMERICAN PUBLIC SCHOOL ADMINISTRATORS IN MICHIGAN



Source: Teacher/Administrator Preparation and Certification Services
Michigan Department of Education





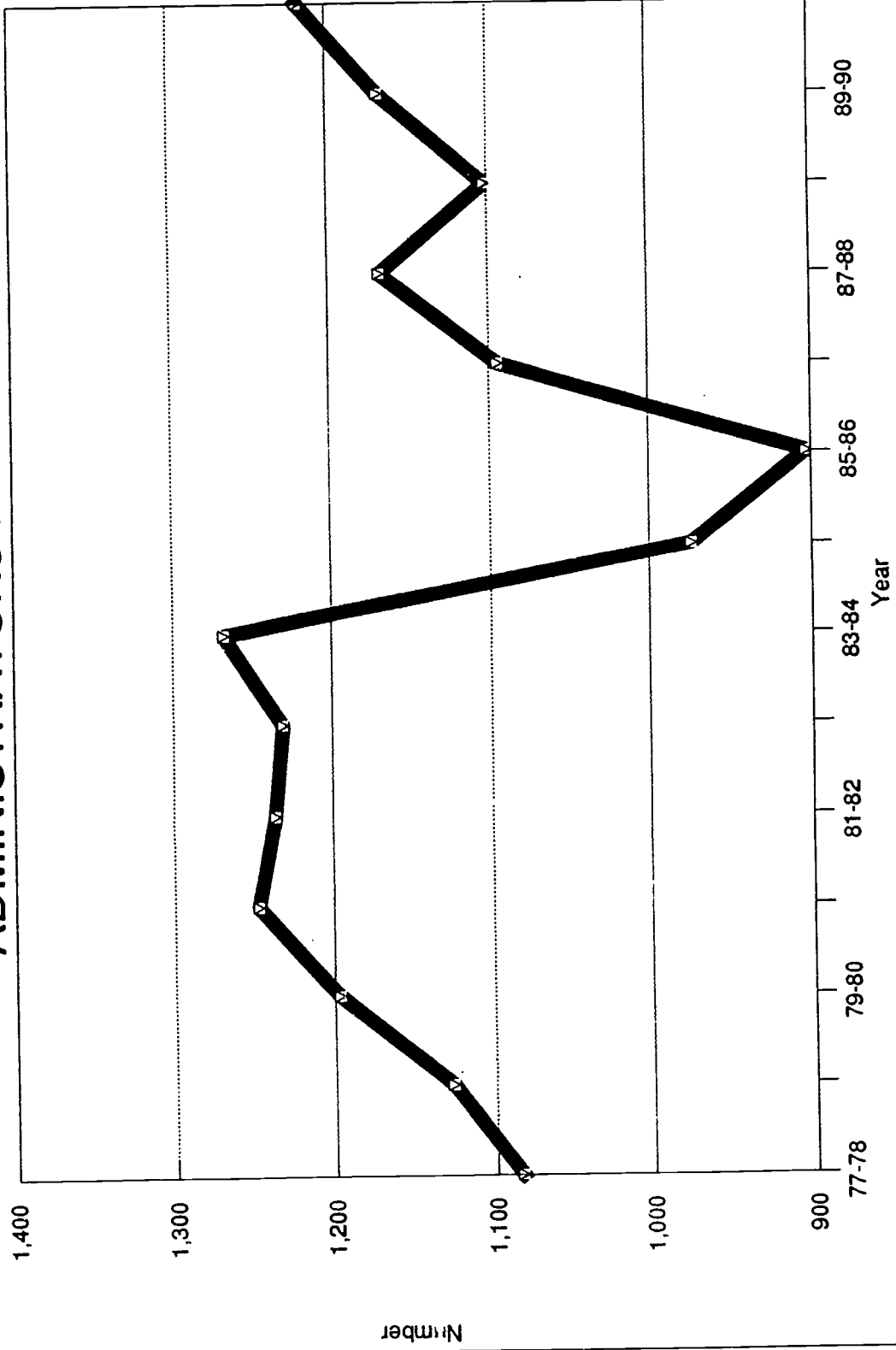
NUMBER OF BLACK PUBLIC SCHOOL ADMINISTRATORS IN MICHIGAN

The total number of Black public school administrators in Michigan was 1,218 in the 1990-91 school year. Between 1977-78 and 1990-91, the number of Black administrators

ranged from a peak of 1,268 in 1983-84 to a low of 903 in 1985-86.

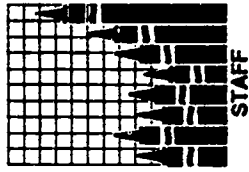
Year	Total	Change from Previous Year	
		Number	Percent
1977-78	1,084		
1978-79	1,127	43	4.0
1979-80	1,197	70	6.2
1980-81	1,247	50	4.2
1981-82	1,236	-11	-9
1982-83	1,231	-5	-.4
1983-84	1,268	37	3.0
1984-85	974	-294	-23.2
1985-86	903	-71	-7.3
1986-87	1,095	192	21.3
1987-88	1,168	73	6.7
1988-89	1,102	-66	-5.7
1989-90	1,168	66	6.0
1990-91	1,218	50	4.3

NUMBER OF BLACK PUBLIC SCHOOL ADMINISTRATORS IN MICHIGAN



Source: Teacher/Administrator Preparation and Certification Services
Michigan Department of Education



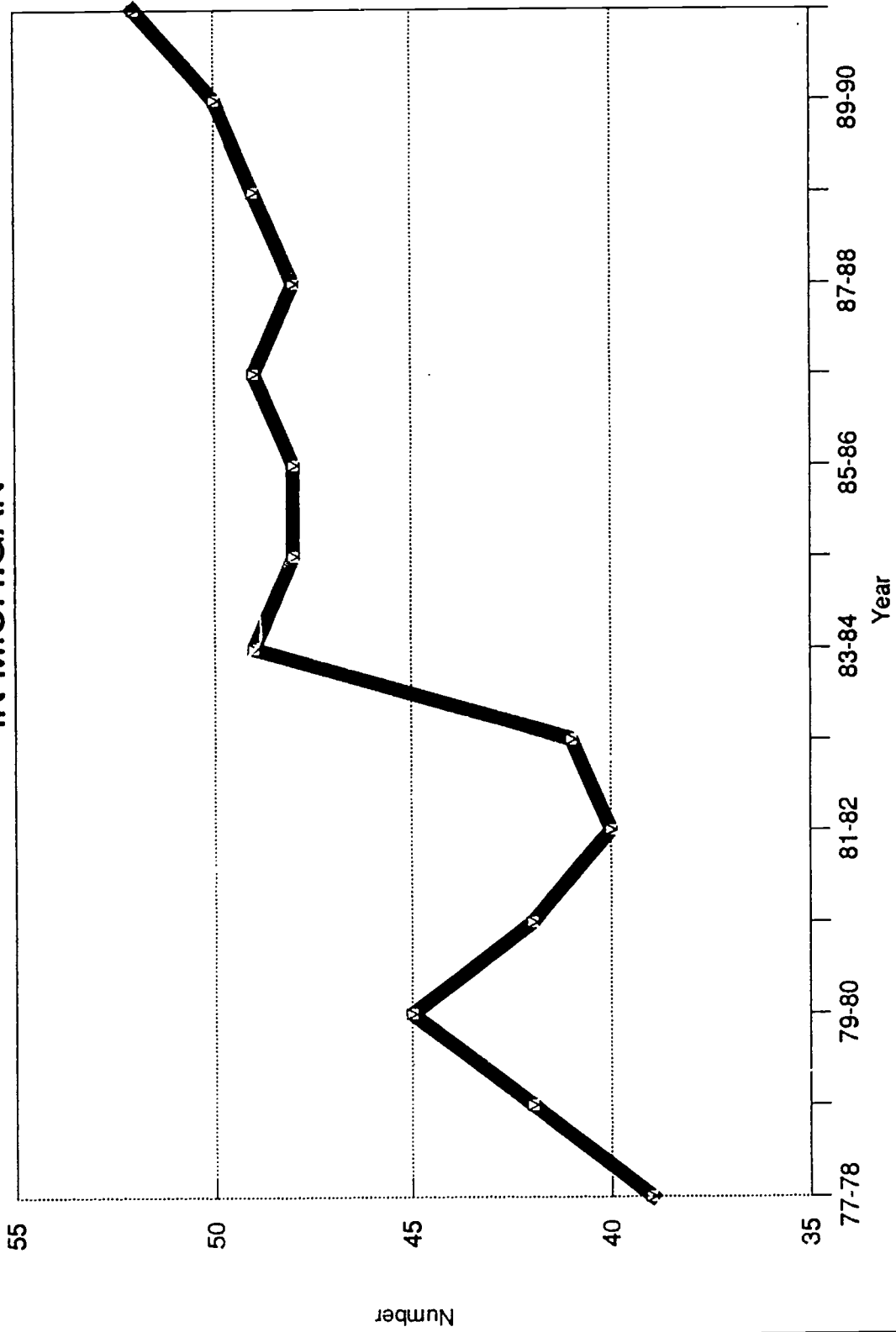


NUMBER OF HISPANIC PUBLIC SCHOOL ADMINISTRATORS IN MICHIGAN

The total number of Hispanic public school administrators in Michigan was 52 in the 1990-91 school year. Between 1977-78 and 1990-91, the number of Hispanic administrators ranged from a low of 39 in 1977-78 to a peak of 52 in 1990-91.

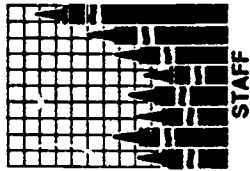
Year	Total	Change from Previous Year	
		Number	Percent
1977-78	39		
1978-79	42	3	7.7
1979-80	45	3	7.1
1980-81	42	-3	-6.7
1981-82	40	-2	-4.8
1982-83	41	1	2.5
1983-84	49	8	19.5
1984-85	48	-1	-2.0
1985-86	48	0	0.0
1986-87	49	1	2.1
1987-88	48	-1	-2.0
1988-89	49	1	2.1
1989-90	50	1	2.0
1990-91	52	2	4.0

NUMBER OF HISPANIC PUBLIC SCHOOL ADMINISTRATORS IN MICHIGAN



Source: Teacher/Administrator Preparation and Certification Services
Michigan Department of Education





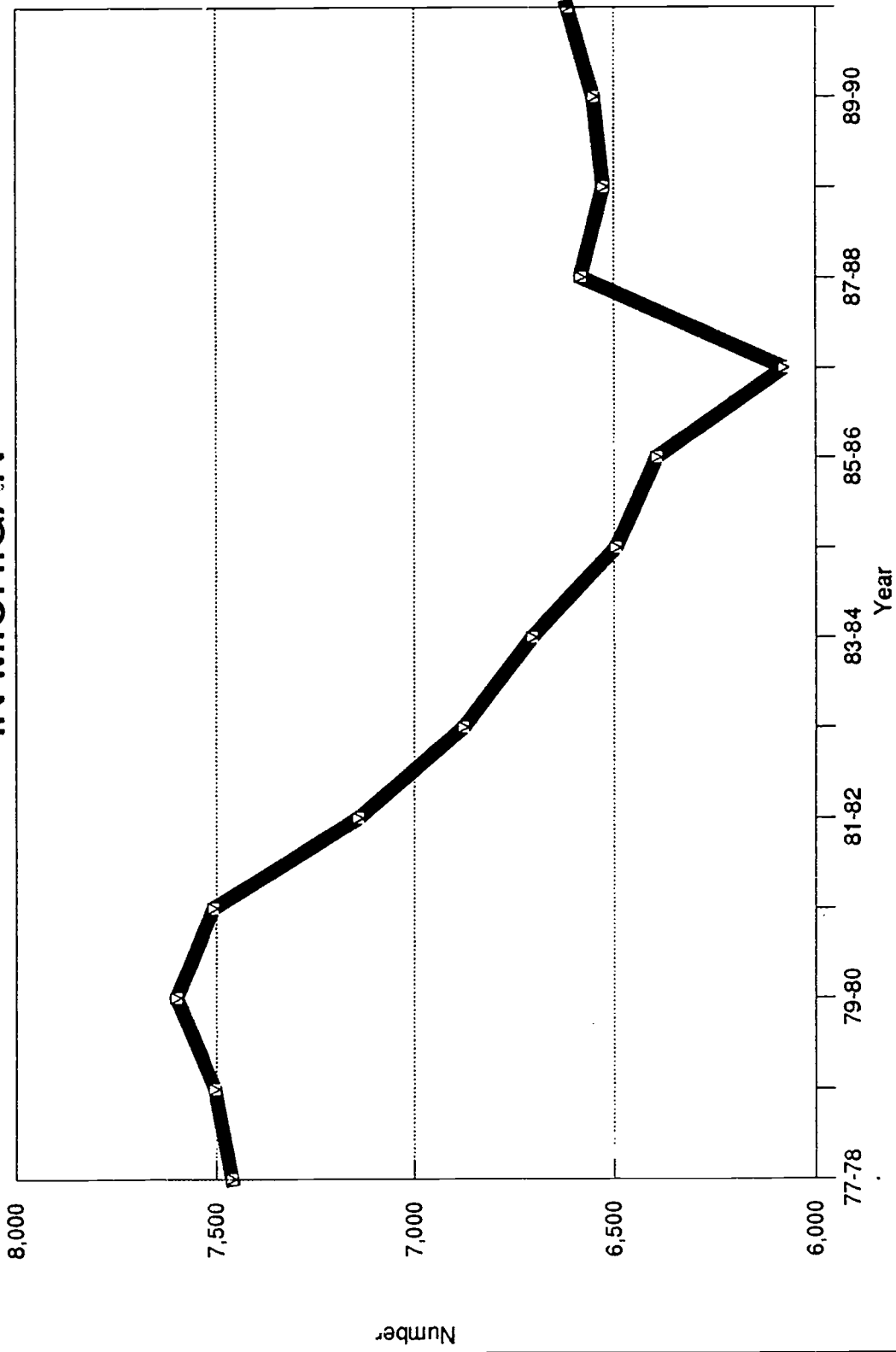
NUMBER OF WHITE PUBLIC SCHOOL ADMINISTRATORS IN MICHIGAN

The total number of White public school administrators in Michigan was 6,615 in the 1990-91 school year. Between 1977-78 and 1990-91, the number of White administrators

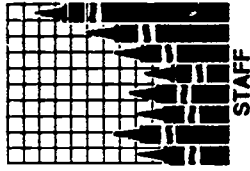
ranged from a peak of 7,601 in 1979-80 to a low of 6,079 in 1986-87.

Year	Total	Change from Previous Year	
		Number	Percent
1977-78	7,462		
1978-79	7,505	43	.6
1979-80	7,601	96	1.3
1980-81	7,509	-92	-1.2
1981-82	7,143	-366	-4.9
1982-83	6,876	-267	-3.7
1983-84	6,703	-173	-2.5
1984-85	6,495	-208	-3.1
1985-86	6,395	-100	-1.5
1986-87	6,079	-316	-4.9
1987-88	6,582	503	8.3
1988-89	6,527	-55	-.8
1989-90	6,551	24	.4
1990-91	6,615	64	1.0

NUMBER OF WHITE PUBLIC SCHOOL ADMINISTRATORS IN MICHIGAN



Source: Teacher/Administrator Preparation and Certification Services
Michigan Department of Education

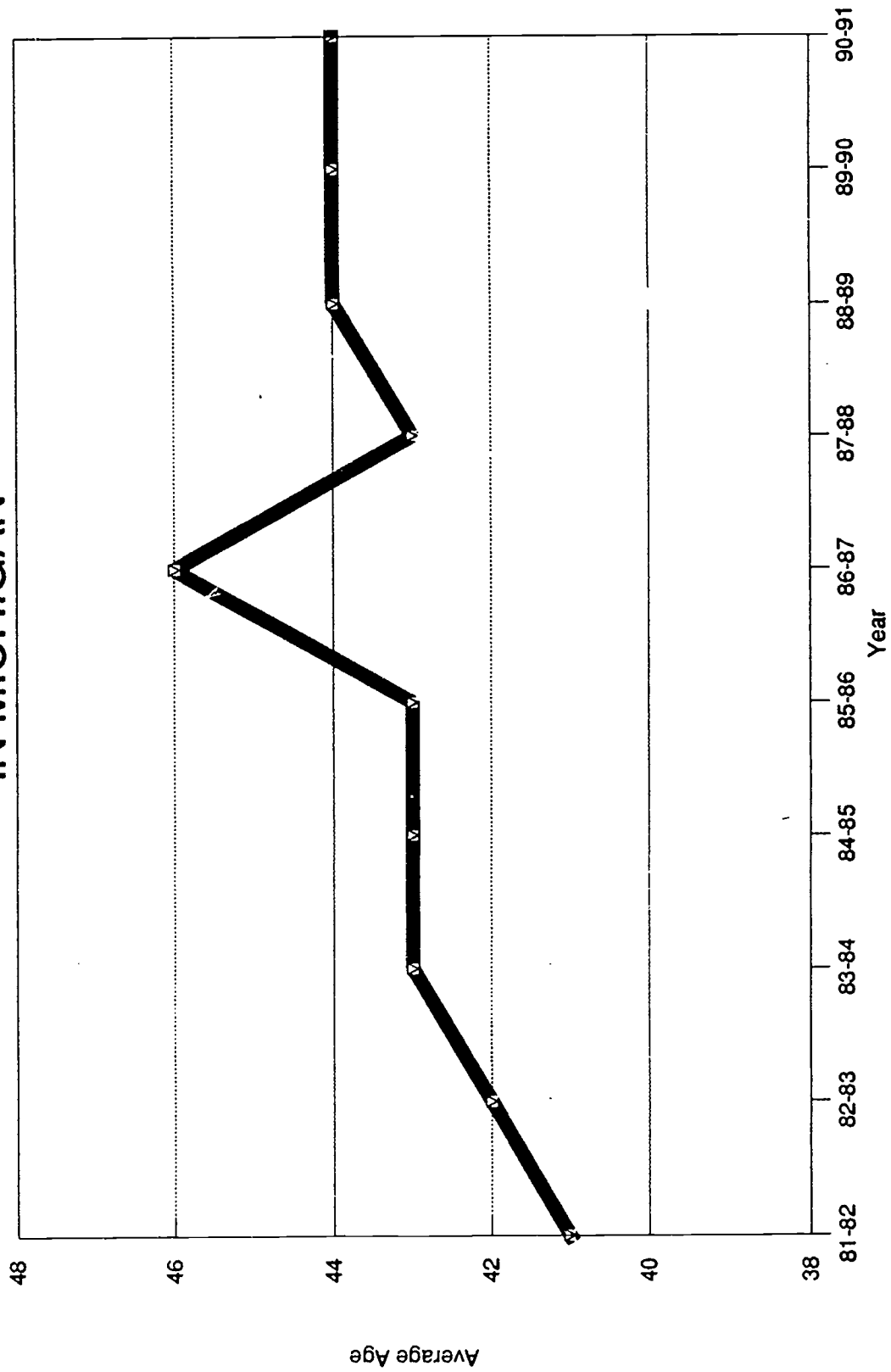


AVERAGE AGE OF PUBLIC SCHOOL TEACHERS IN MICHIGAN

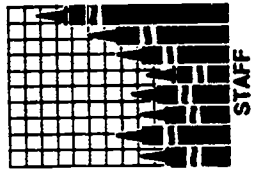
The average age of Michigan's public school teachers between 1981-82 and 1990-91 ranged from a low of 41 in 1981-82 to a peak of 46 in 1986-87. The average age of teachers was 44 in 1990-91.

Year	Average Age
1981-82	41
1982-83	42
1983-84	43
1984-85	43
1985-86	43
1986-87	46
1987-88	43
1988-89	44
1989-90	44
1990-91	44

AVERAGE AGE OF PUBLIC SCHOOL TEACHERS IN MICHIGAN



Source: Teacher/Administrator Preparation and Certification Services
Michigan Department of Education



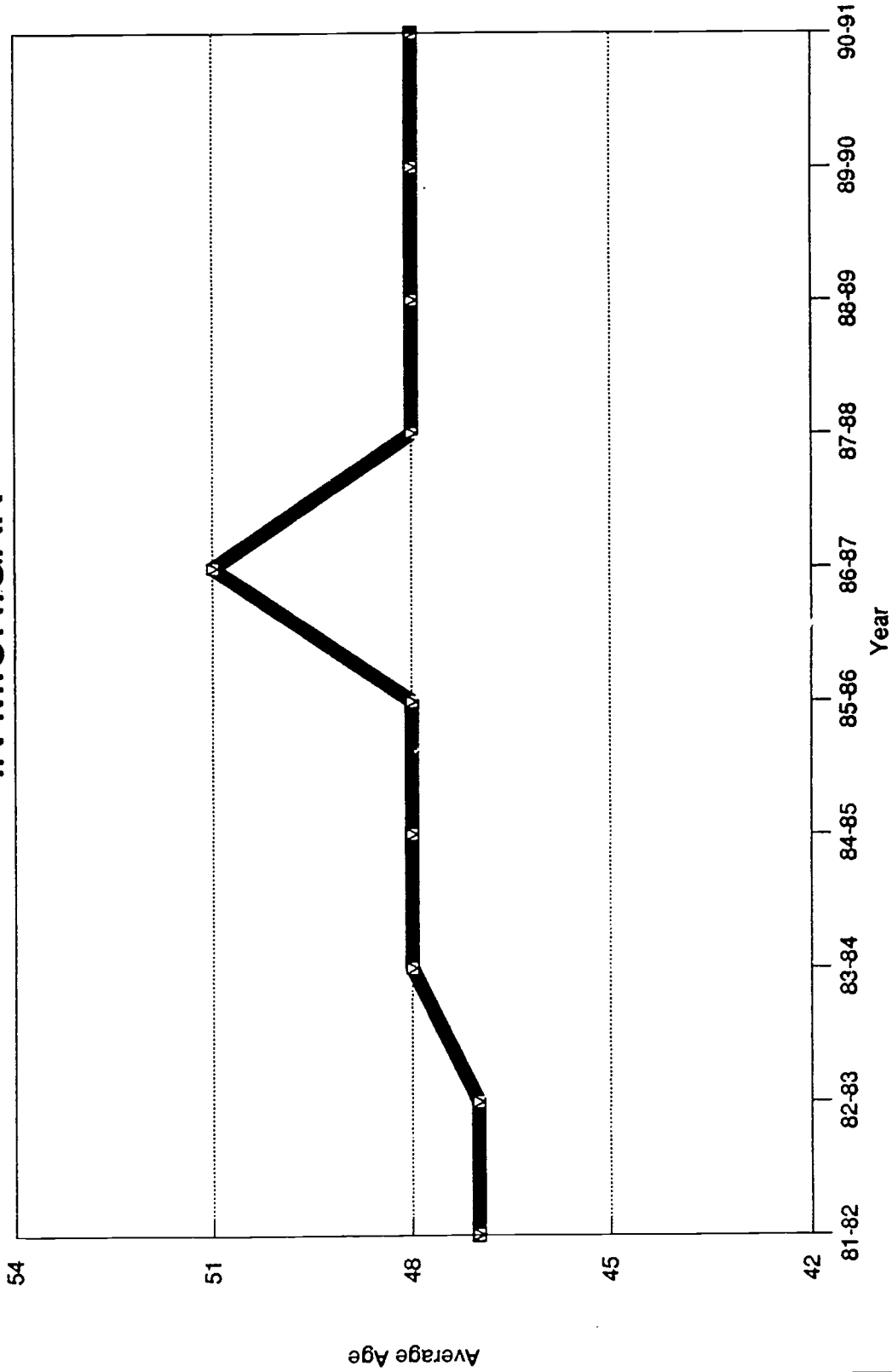
AVERAGE AGE OF PUBLIC SCHOOL ADMINISTRATORS IN MICHIGAN

The average age of Michigan's public school administrators between 1981-82 and 1990-91 ranged from a low of 47 in

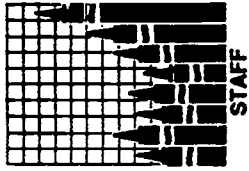
1981-82 and 1982-83 to a peak of 51 in 1986-87. The average age of school administrators was 48 in 1990-91.

Year	Average Age
1981-82	47
1982-83	47
1983-84	48
1984-85	48
1985-86	48
1986-87	51
1987-88	48
1988-89	48
1989-90	48
1990-91	48

AVERAGE AGE OF PUBLIC SCHOOL ADMINISTRATORS IN MICHIGAN



Source: Teacher/Administrator Preparation and Certification Services
Michigan Department of Education

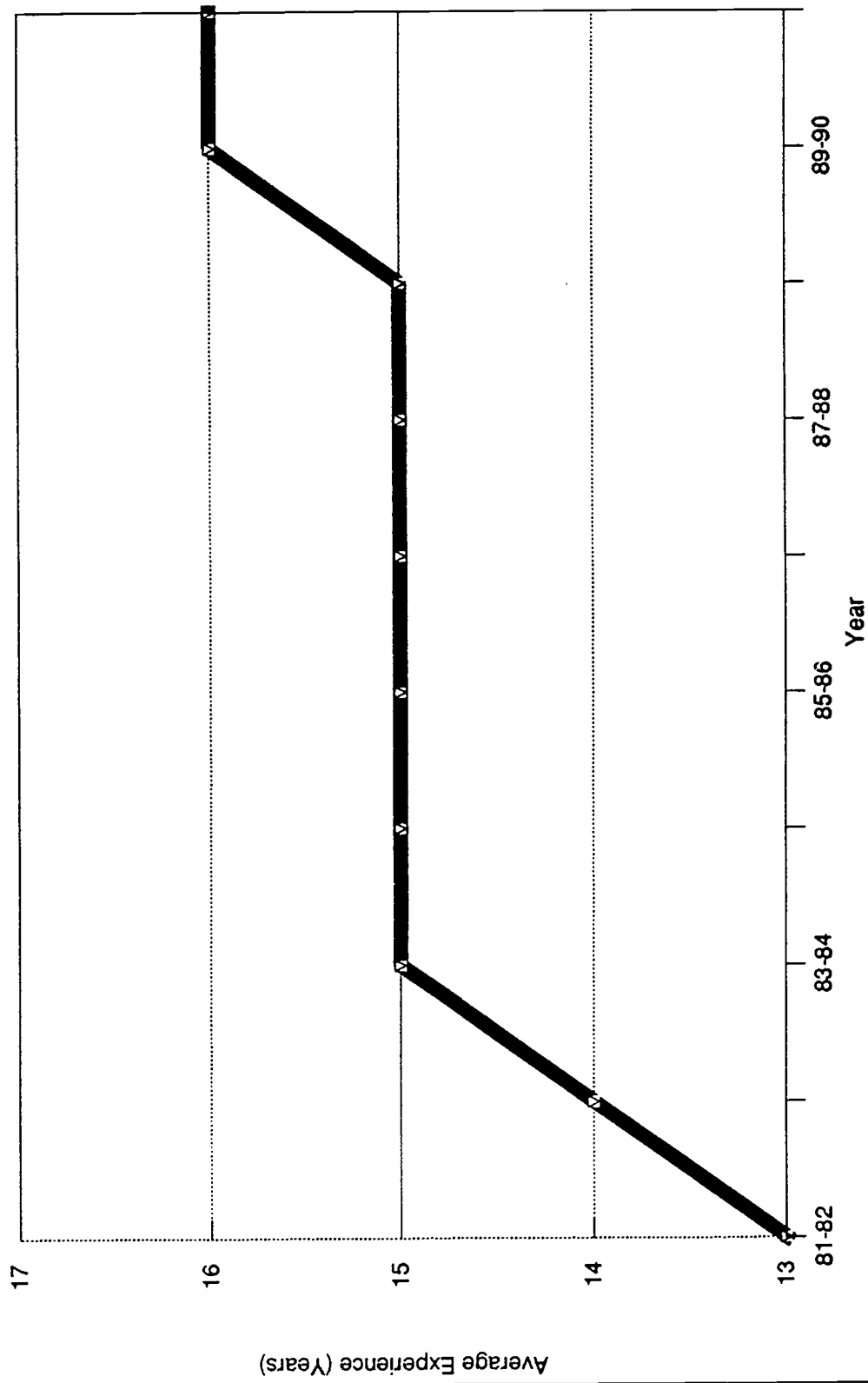


AVERAGE EXPERIENCE OF MICHIGAN PUBLIC SCHOOL TEACHERS

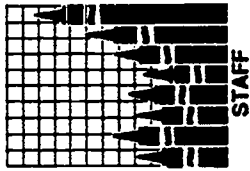
The average teaching experience of Michigan public school teachers increased by 3 years between 1981-82 and 1990-91. teachers increased by 3 years between 1981-82 and 1990-91. teachers was 16 years in 1990-91. The average experience of

Year	Average Years
1981-82	13
1982-83	14
1983-84	15
1984-85	15
1985-86	15
1986-87	15
1987-88	15
1988-89	15
1989-90	16
1990-91	16

AVERAGE EXPERIENCE OF MICHIGAN PUBLIC SCHOOL TEACHERS



Source: Teacher/Administrator Preparation and Certification Services
Michigan Department of Education



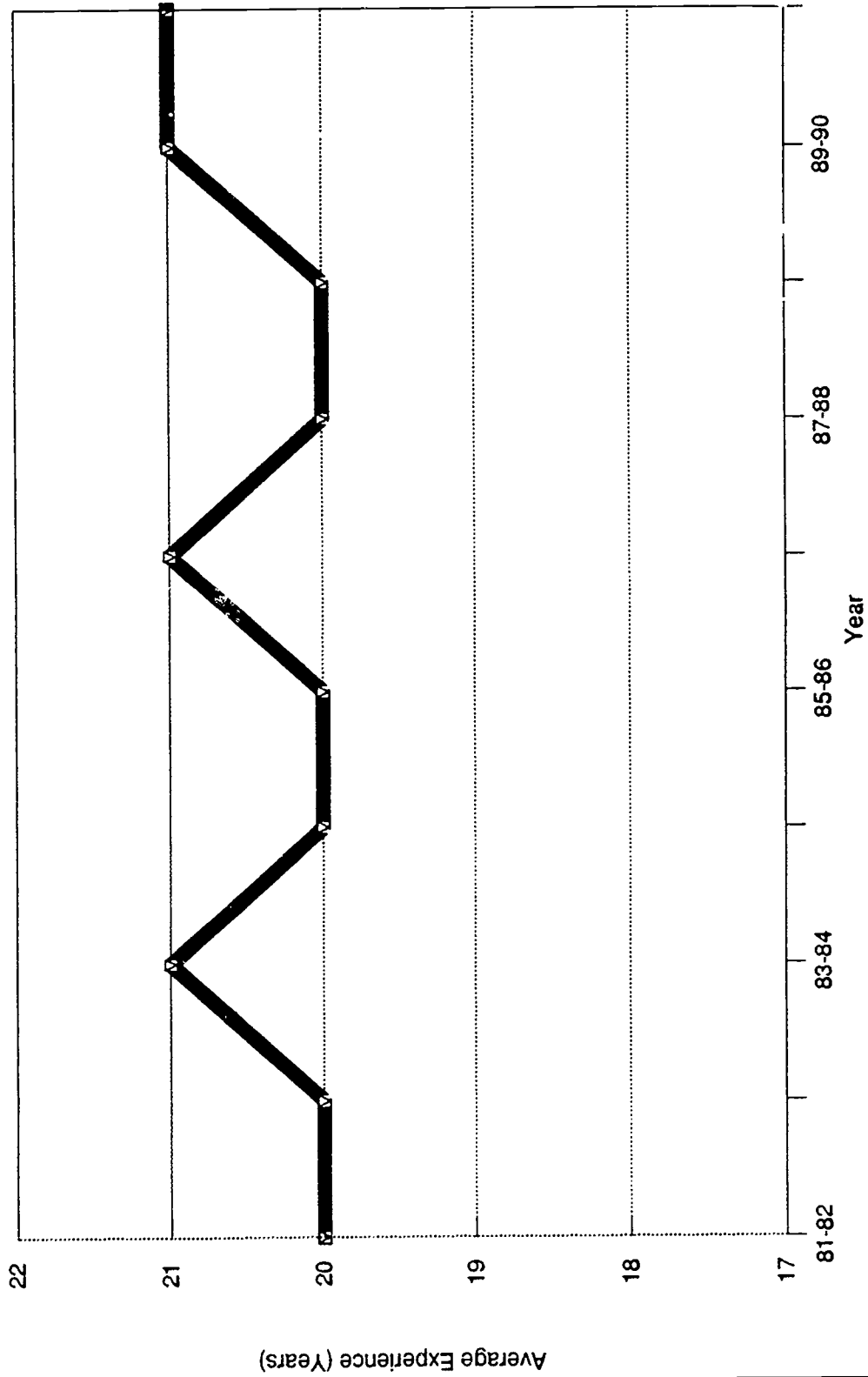
AVERAGE EXPERIENCE OF MICHIGAN PUBLIC SCHOOL ADMINISTRATORS

The average professional experience including teaching experience of Michigan public school administrators was 21

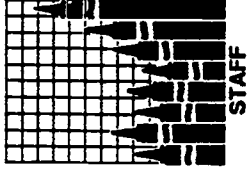
years in 1990-91. The average experience of school administrators changed slightly between 1981-82 and 1990-91.

Year	Average Years
1981-82	20
1982-83	20
1983-84	21
1984-85	20
1985-86	20
1986-87	21
1987-88	20
1988-89	20
1989-90	21
1990-91	21

AVERAGE EXPERIENCE OF MICHIGAN PUBLIC SCHOOL ADMINISTRATORS



Source: Teacher/Administrator Preparation and Certification Services
Michigan Department of Education



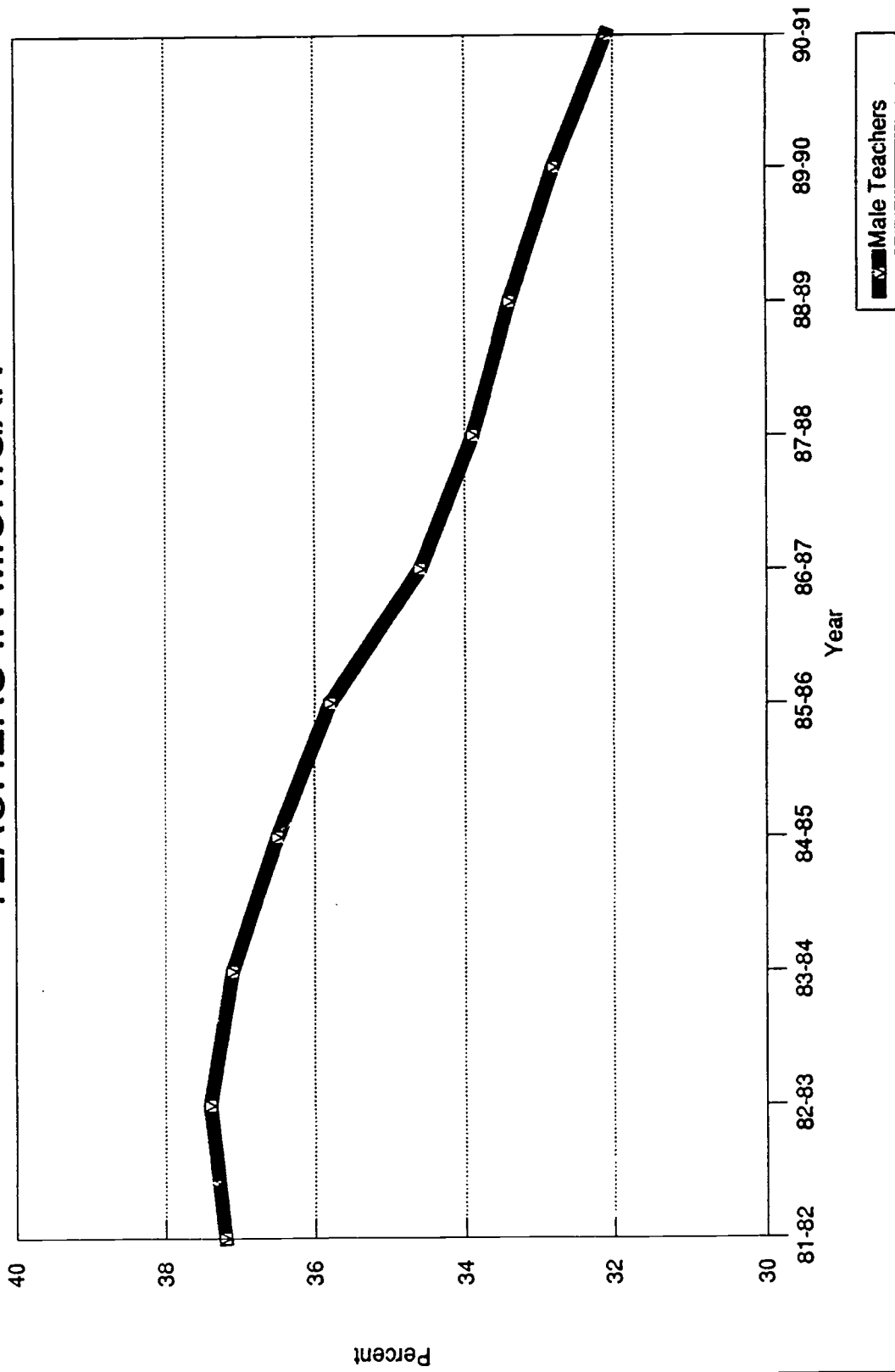
GENDER DISTRIBUTION OF PUBLIC SCHOOL TEACHERS IN MICHIGAN

The percent of male public school teachers in Michigan has declined continuously from 37.4% in 1982-83 to 32.1% in

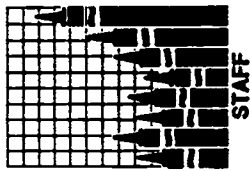
1990-91. The percent of female public school teachers in Michigan was 67.9% in the 1990-91 school year.

Year	Male Percent	Female Percent
1981-82	37.2	62.8
1982-83	37.4	62.6
1983-84	37.1	62.9
1984-85	36.5	63.5
1985-86	35.8	64.2
1986-87	34.6	65.4
1987-88	33.9	66.1
1988-89	33.4	66.6
1989-90	32.8	67.2
1990-91	32.1	67.9

GENDER DISTRIBUTION OF PUBLIC SCHOOL TEACHERS IN MICHIGAN



Source: Teacher/Administrator Preparation and Certification Services
Michigan Department of Education



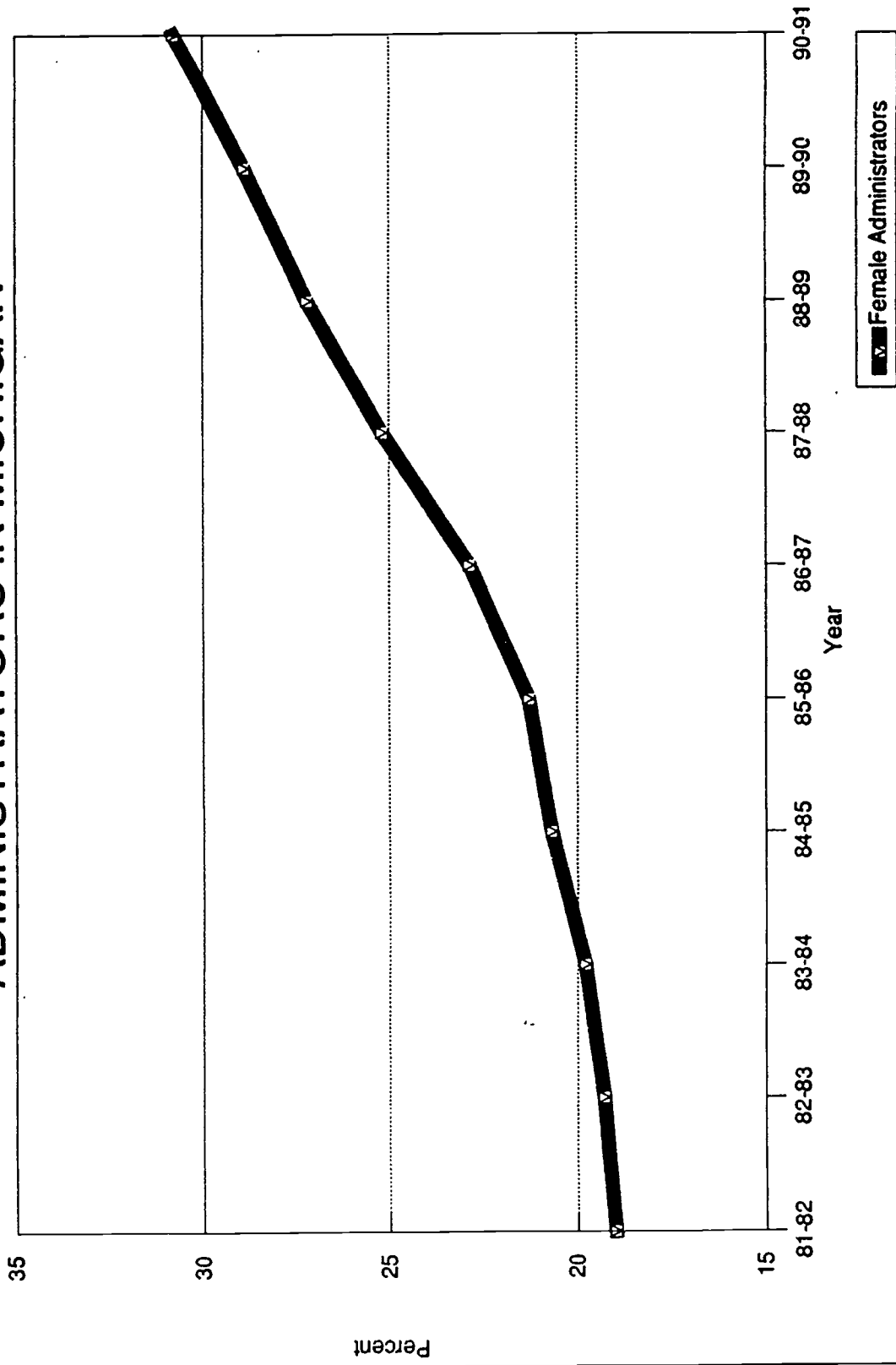
GENDER DISTRIBUTION OF PUBLIC SCHOOL ADMINISTRATORS IN MICHIGAN

The percent of female public school administrators in Michigan has increased gradually from 19% in 1981-82 to 30.8% in

1990-91. The percent of male public school administrators was 69.2% in 1990-91.

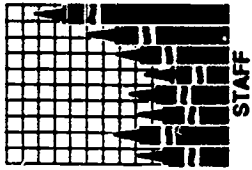
Year	Female Percent	Male Percent
1981-82	19.0	81.0
1982-83	19.3	80.7
1983-84	19.8	80.2
1984-85	20.7	79.3
1985-86	21.3	78.7
1986-87	22.9	77.1
1987-88	25.2	74.8
1988-89	27.2	72.8
1989-90	28.9	71.1
1990-91	30.8	69.2

GENDER DISTRIBUTION OF PUBLIC SCHOOL ADMINISTRATORS IN MICHIGAN



Source: Teacher/Administrator Preparation and Certification Services
Michigan Department of Education





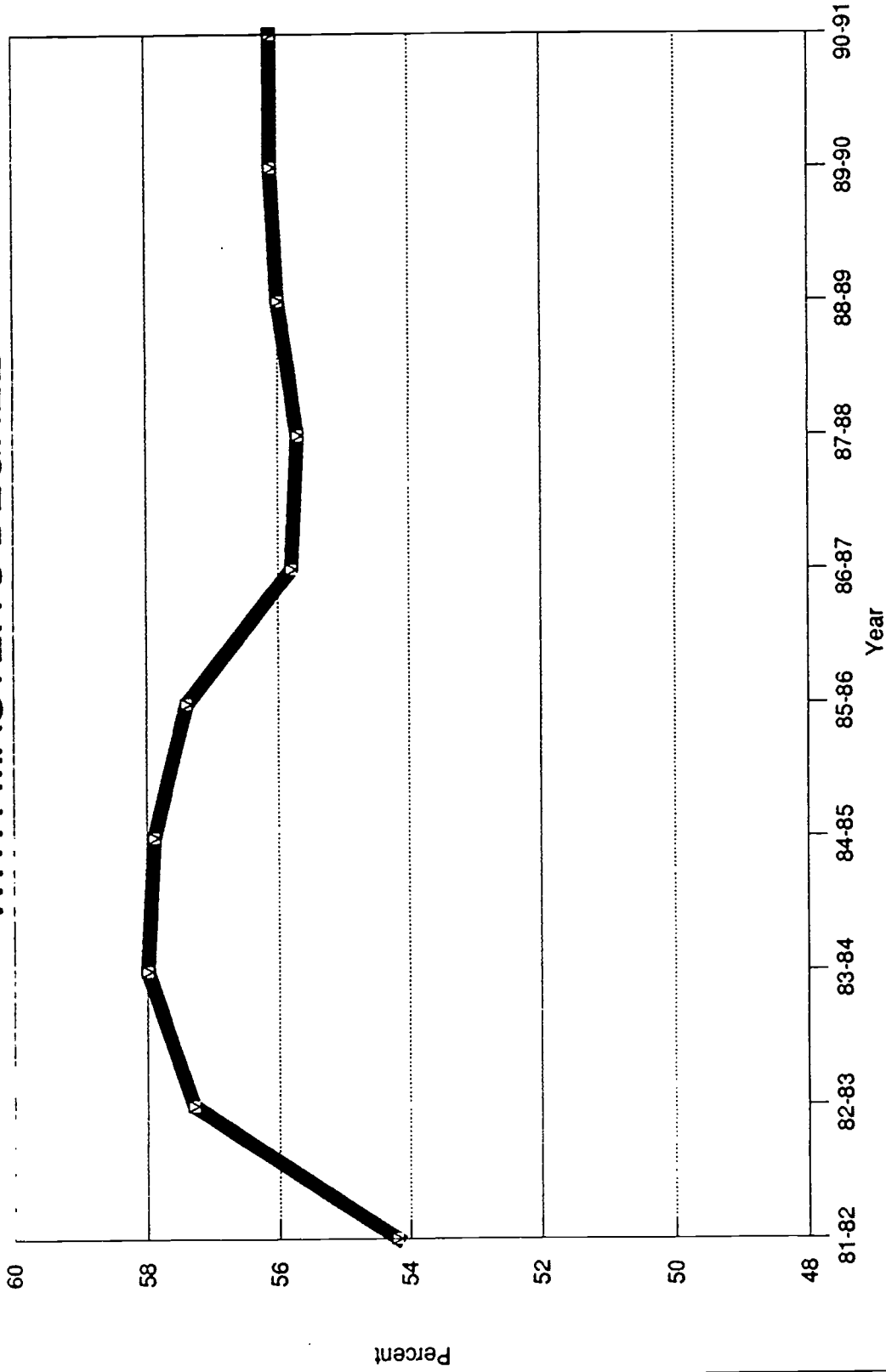
PERCENT OF MICHIGAN PUBLIC SCHOOL TEACHERS WITH MASTER'S DEGREE

The majority of Michigan's public school teachers have a master's degree. The percent of teachers with a master's degree between 1981-82 and 1990-91 ranged from a low of

54.2% in 1981-82 to a peak of 58.0% in 1983-84. The percent was 56.1% in 1990-91.

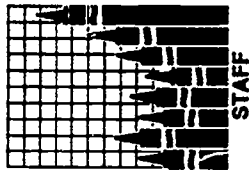
<i>Year</i>	<i>Percent</i>
1981-82	54.2
1982-83	57.3
1983-84	58.0
1984-85	57.9
1985-86	57.4
1986-87	55.8
1987-88	55.7
1988-89	56.0
1989-90	56.1
1990-91	56.1

PERCENT OF MICHIGAN PUBLIC SCHOOL TEACHERS WITH MASTER'S DEGREE



Source: Teacher/Administrator Preparation and Certification Services
Michigan Department of Education





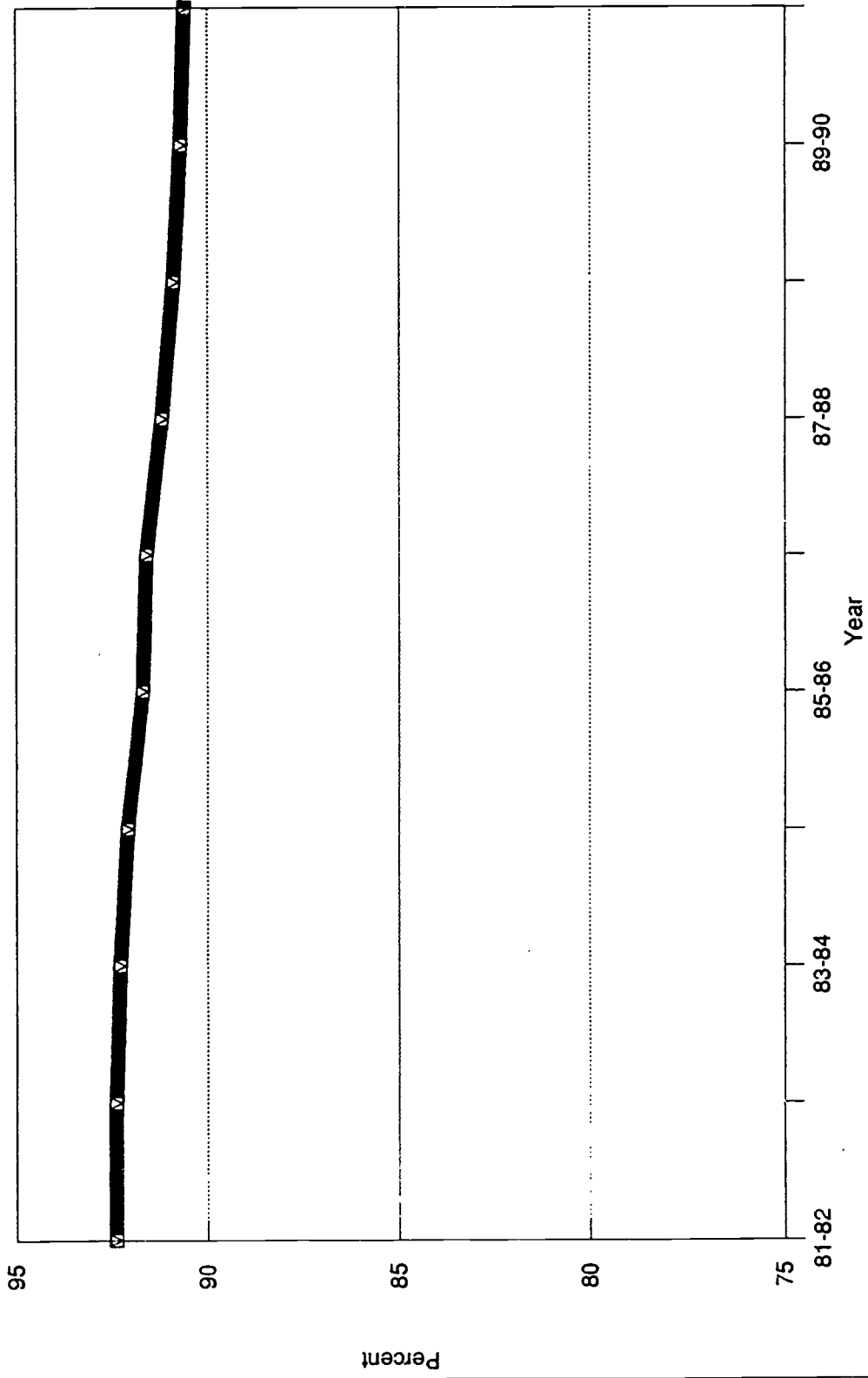
PERCENT OF MICHIGAN PUBLIC SCHOOL ADMINISTRATORS WITH MASTER'S DEGREE

Nearly all administrators of Michigan's public schools have a master's degree. The percent of Michigan public school administrators with a master's degree was 90.6% in 1990-91.

The percent of school administrators with a master's degree decreased slightly between 1981-82 and 1990-91.

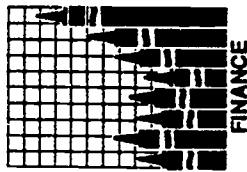
Year	Percent
1981-82	92.4
1982-83	92.4
1983-84	92.3
1984-85	92.1
1985-86	91.7
1986-87	91.6
1987-88	91.2
1988-89	90.9
1989-90	90.7
1990-91	90.6

PERCENT OF MICHIGAN PUBLIC SCHOOL ADMINISTRATORS WITH MASTER'S DEGREE



Source: Teacher/Administrator Preparation and Certification Services
Michigan Department of Education





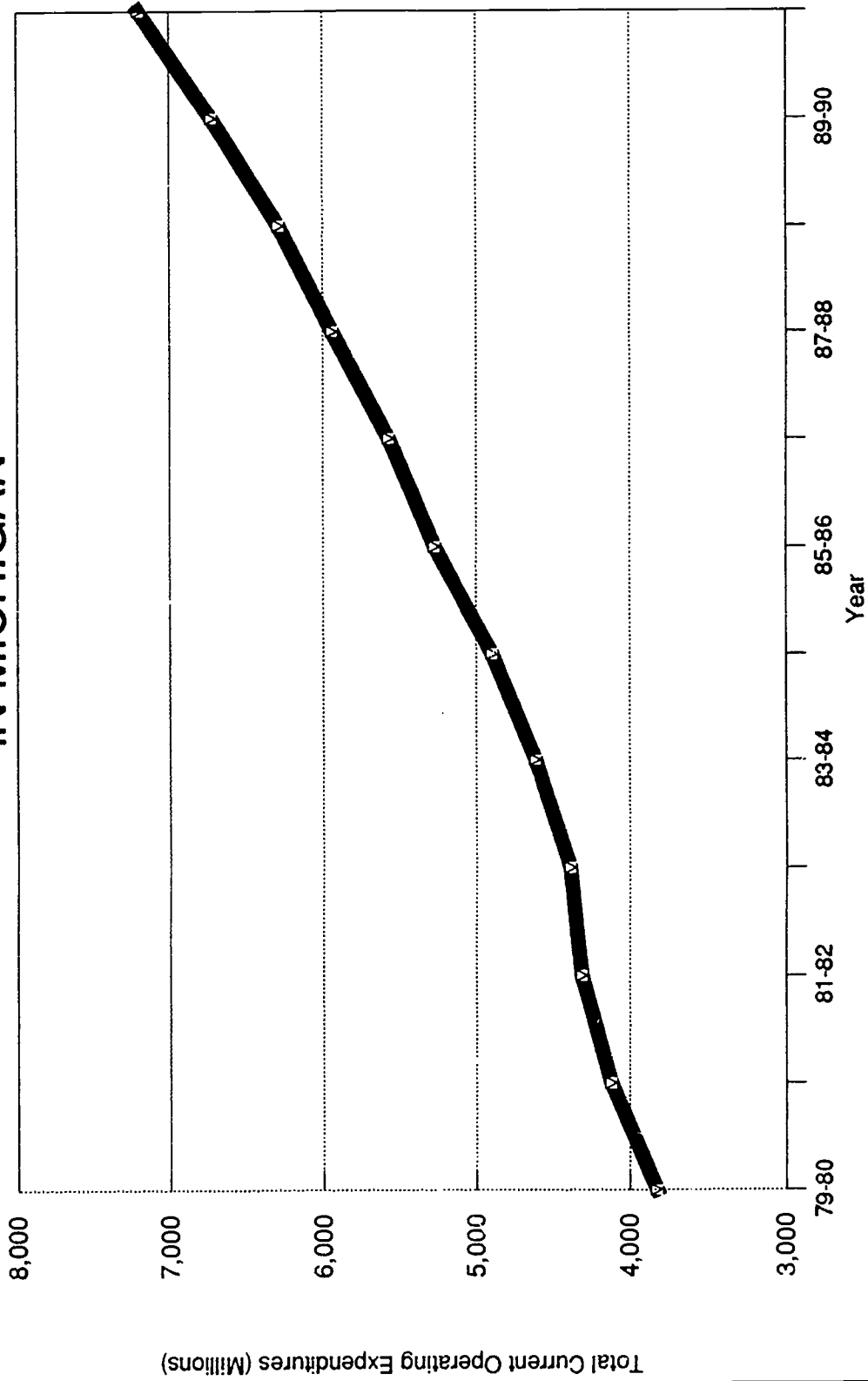
TOTAL CURRENT OPERATING EXPENDITURES FOR LOCAL PUBLIC SCHOOL DISTRICTS IN MICHIGAN

Current operating expenditures are the basic operating expenses of a school district including expenditures for instructional programs and various support services.

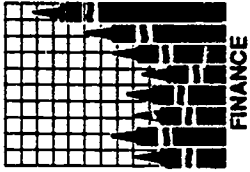
The total current operating expenditures for all local public school districts in Michigan increased from 3,827 to 7,204 million dollars or by 88.2% between 1979-80 and 1990-91.

Year	Total (Million)	Change from Previous Year Amount	Percent
1979-80	3,827		
1980-81	4,121	294	7.7
1981-82	4,312	191	4.6
1982-83	4,389	77	1.8
1983-84	4,615	226	5.1
1984-85	4,900	285	6.2
1985-86	5,279	379	7.7
1986-87	5,578	299	5.7
1987-88	5,943	365	6.5
1988-89	6,289	346	5.8
1989-90	6,725	436	6.9
1990-91	7,204	479	7.1

TOTAL CURRENT OPERATING EXPENDITURES FOR LOCAL PUBLIC SCHOOL DISTRICTS IN MICHIGAN



Source: Department Services
Michigan Department of Education



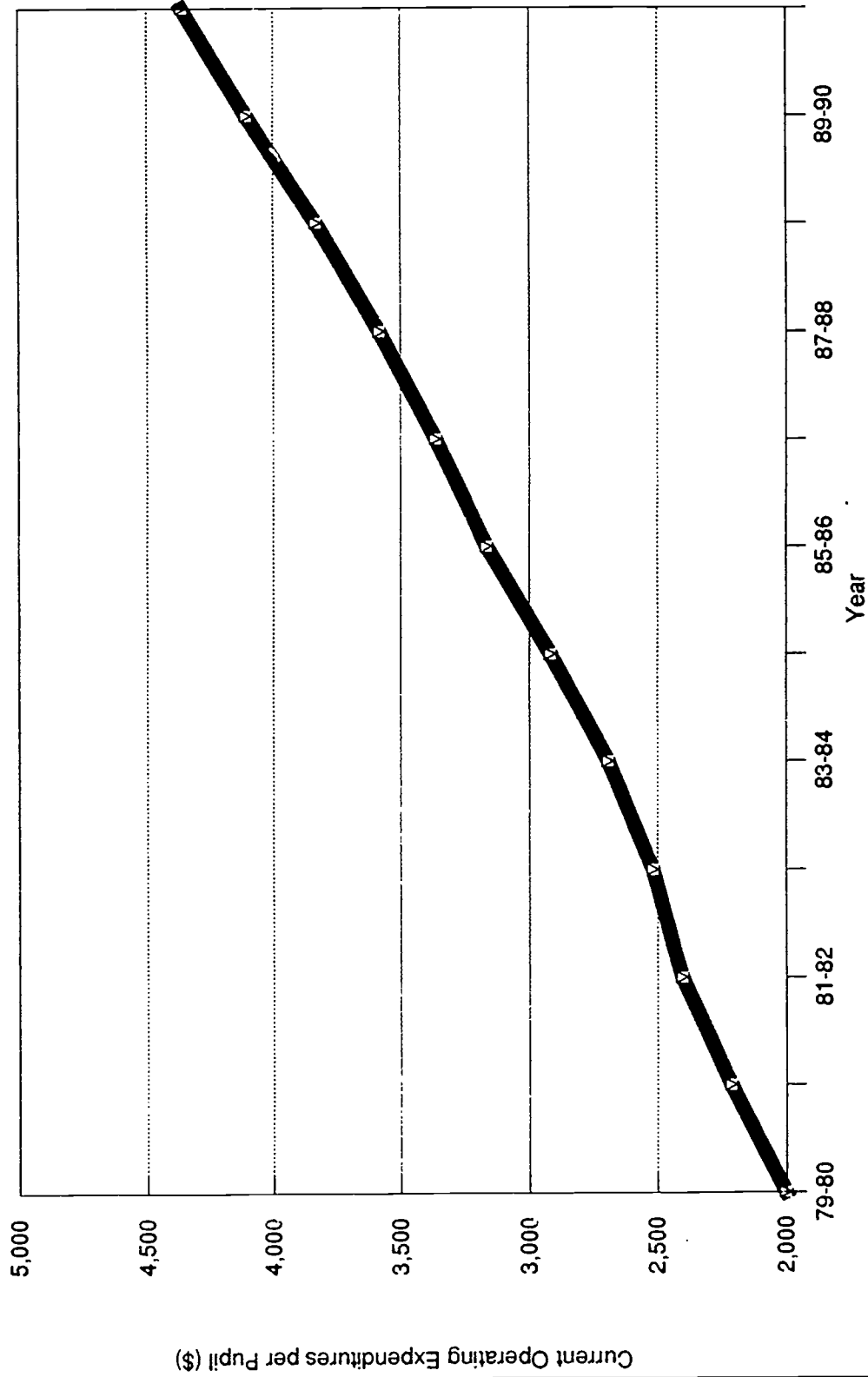
CURRENT OPERATING EXPENDITURES PER PUPIL IN MICHIGAN PUBLIC SCHOOLS

Current operating expenditures are the basic operating expenses of a school district, including expenditures for instructional programs and various support services.

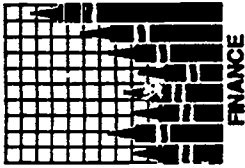
The average current operating expenditures per pupil in Michigan public schools increased from \$2,003 to \$4,362 or by 117.8% between 1979-80 and 1990-91.

Year	Dollars	Percent Change
1979-80	2,003	
1980-81	2,216	10.6
1981-82	2,406	8.6
1982-83	2,519	4.7
1983-84	2,695	7.0
1984-85	2,919	8.3
1985-86	3,168	8.5
1986-87	3,366	6.3
1987-88	3,585	6.5
1988-89	3,834	6.9
1989-90	4,107	7.1
1990-91	4,362	6.2

CURRENT OPERATING EXPENDITURES PER PUPIL IN MICHIGAN PUBLIC SCHOOLS



Source: Department Services
Michigan Department of Education



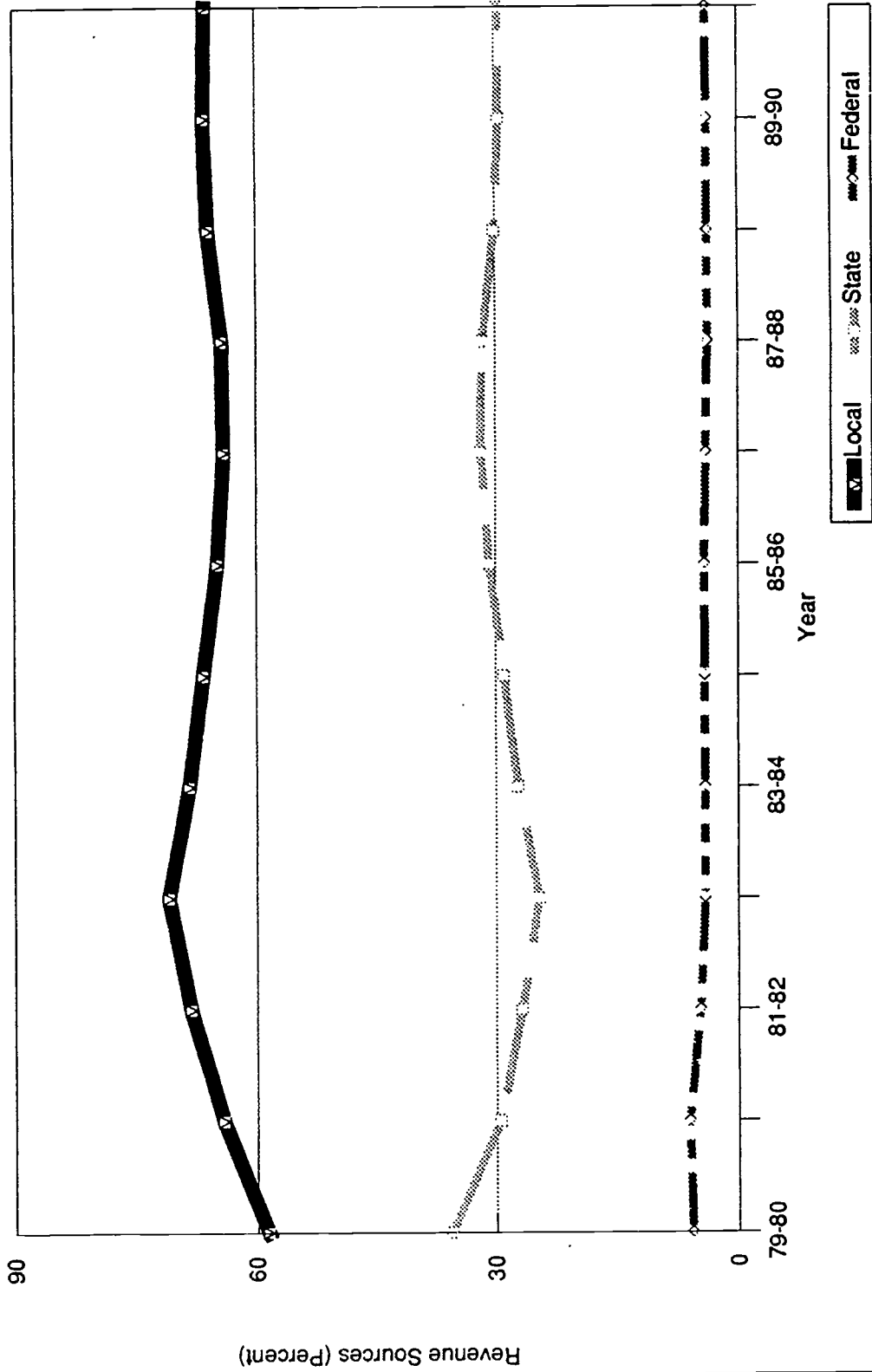
GENERAL FUND REVENUE SOURCES FOR LOCAL PUBLIC SCHOOL DISTRICTS IN MICHIGAN

The general fund revenue sources for local public school districts in Michigan include local, state and federal revenue sources. Between 1979-80 and 1990-91 the statewide portion of local revenues ranged from a low of 58.6% in 1979-80 to a peak of 71.0% in 1982-83. The share of state revenues during

this period varied from a peak of 35.5% in 1979-80 to a low of 24.7% in 1982-83. The percentage of federal revenues during the period ranged from a peak of 6.2% in 1980-81 to a low of 3.9% in 1987-88, 1988-89 and 1989-90.

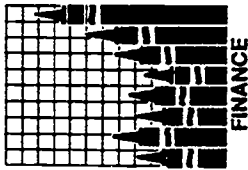
Year	Local Revenue Sources (Percent)	State Revenue Sources (Percent)	Federal Revenue Sources (Percent)
1979-80	58.6	35.5	5.8
1980-81	64.2	29.5	6.2
1981-82	68.3	26.8	4.8
1982-83	71.0	24.7	4.2
1983-84	68.5	27.3	4.2
1984-85	66.7	29.0	4.2
1985-86	64.9	30.8	4.3
1986-87	64.1	31.8	4.1
1987-88	64.4	31.6	3.9
1988-89	66.0	30.1	3.9
1989-90	66.5	29.5	3.9
1990-91	66.3	29.6	4.0

GENERAL FUND REVENUE SOURCES FOR LOCAL PUBLIC SCHOOL DISTRICTS IN MICHIGAN



Source: Department Services
Michigan Department of Education





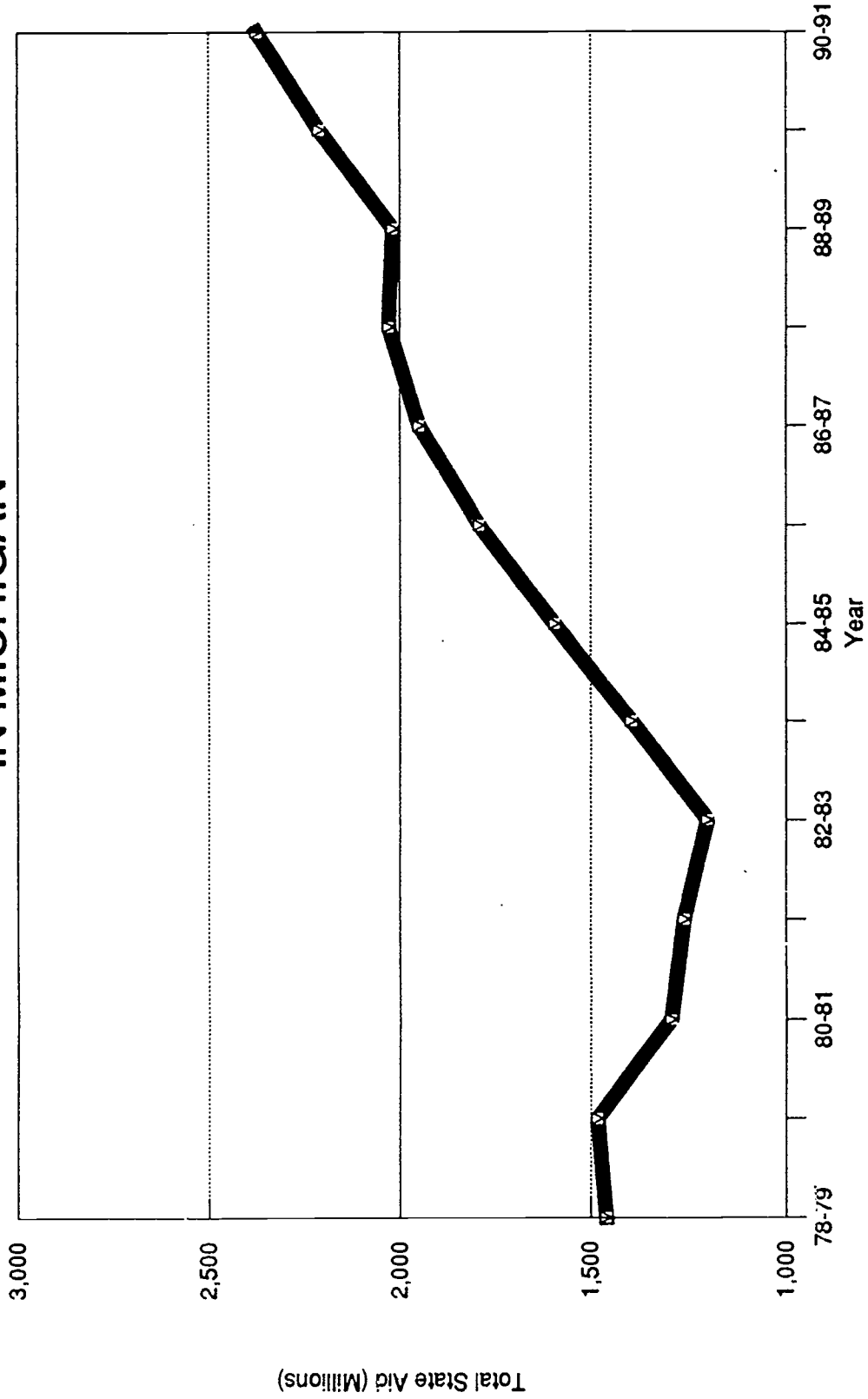
TOTAL STATE AID TO LOCAL AND INTERMEDIATE PUBLIC SCHOOL DISTRICTS IN MICHIGAN

Total state aid includes the general membership aid to local public school districts and categorical aid* to local and intermediate public school districts in Michigan. Between 1978-79 and 1990-91, total state aid payments ranged from a low of \$1,203 million in 1982-83 to a peak of \$2,376 million in 1990-91.

*Categorical aid from the state government to local and intermediate public school districts in Michigan is provided by the State School Aid Fund to assist eligible school districts in the operation of specific programs such as vocational education, special education, transportation, compensatory education and bilingual education.

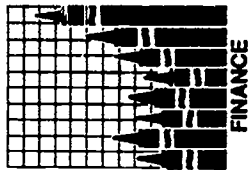
Year	Total (Millions)	Change from Previous Year	
		Amount	Percent
1978-79	1,462		
1979-80	1,484	22	1.5
1980-81	1,295	-189	-12.7
1981-82	1,261	-34	-2.6
1982-83	1,203	-58	-4.6
1983-84	1,397	194	16.1
1984-85	1,595	198	14.2
1985-86	1,793	198	12.4
1986-87	1,952	159	8.9
1987-88	2,030	78	4.0
1988-89	2,021	-9	-.4
1989-90	2,213	192	9.5
1990-91	2,376	163	7.4

TOTAL STATE AID TO LOCAL AND INTERMEDIATE PUBLIC SCHOOL DISTRICTS IN MICHIGAN



Source: Department Services
Michigan Department of Education





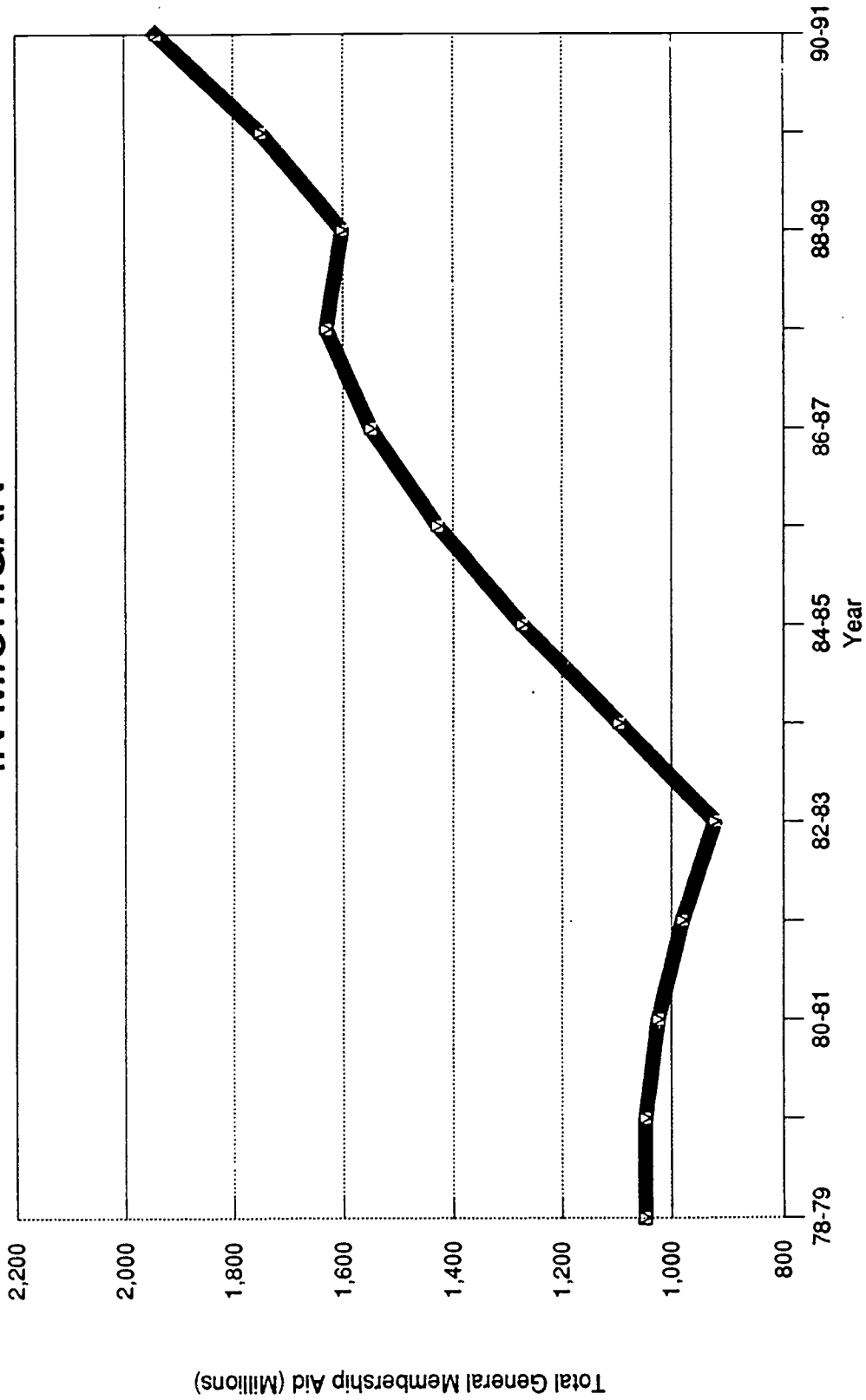
TOTAL GENERAL MEMBERSHIP AID FROM STATE TO LOCAL PUBLIC SCHOOL DISTRICTS IN MICHIGAN

General membership aid from the state government to local public school districts in Michigan for general operation purposes is provided by the State School Aid Fund. Between

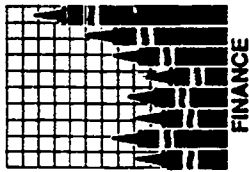
1978-79 and 1990-91, total general membership aid payments ranged from a low of \$923 million in 1982-83 to a peak of \$1,942 million in 1990-91.

Year	Total (Million)	Change from Previous Year Amount	Change from Previous Year Percent
1978-79	1,049		
1979-80	1,048	-1	-.1
1980-81	1,024	-24	-2.3
1981-82	981	-43	-4.2
1982-83	923	-58	-5.9
1983-84	1,096	173	18.7
1984-85	1,274	178	16.2
1985-86	1,430	156	12.2
1986-87	1,551	121	8.5
1987-88	1,631	80	5.2
1988-89	1,602	-29	-1.8
1989-90	1,750	148	9.2
1990-91	1,942	192	11.0

TOTAL GENERAL MEMBERSHIP AID FROM STATE TO LOCAL PUBLIC SCHOOL DISTRICTS IN MICHIGAN



Source: Department Services
Michigan Department of Education



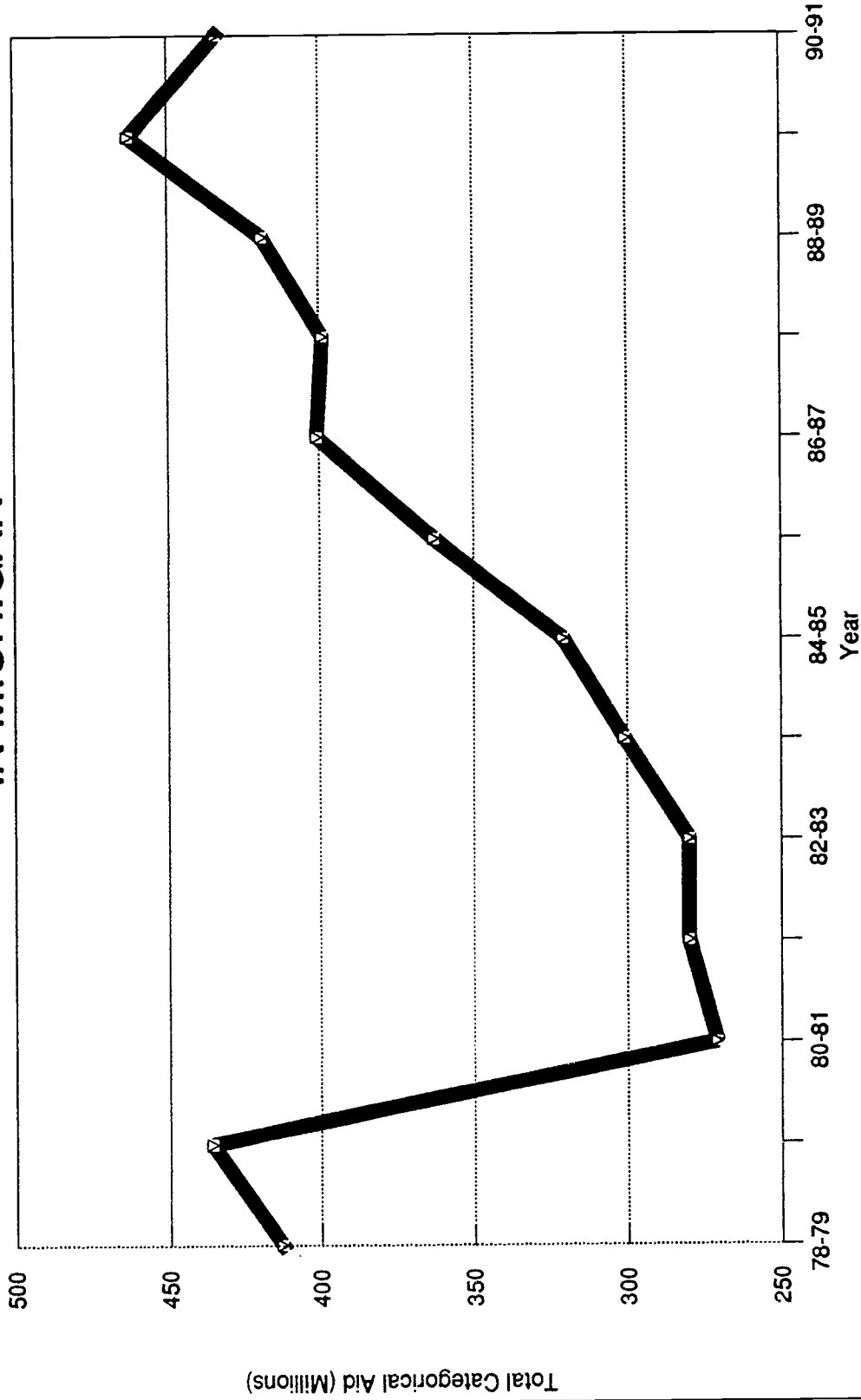
TOTAL CATEGORICAL AID FROM STATE TO LOCAL AND INTERMEDIATE PUBLIC SCHOOL DISTRICTS IN MICHIGAN

Categorical aid from the state government to local and intermediate public school districts in Michigan is provided by the State School Aid Fund to assist eligible school districts in the operation of specific programs such as vocational education, special education, transportation, compensatory

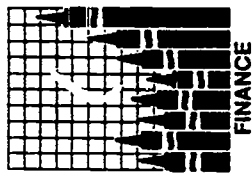
education and bilingual education. Total categorical aid payments ranged from a low of \$271 million in 1980-81 to a peak of \$463 million in 1989-90 between 1978-79 and 1990-91.

Year	Total (Millions)	Change from Previous Year Amount	Change from Previous Year Percent
1978-79	413		
1979-80	436	23	5.6
1980-81	271	-165	-37.8
1981-82	280	9	3.3
1982-83	280	0	0
1983-84	301	21	7.5
1984-85	321	20	6.6
1985-86	363	42	13.1
1986-87	401	38	10.5
1987-88	399	-2	-.5
1988-89	419	20	5.0
1989-90	463	44	10.5
1990-91	434	-29	-6.3
			413

TOTAL CATEGORICAL AID FROM STATE TO LOCAL AND INTERMEDIATE PUBLIC SCHOOL DISTRICTS IN MICHIGAN



Source: Department Services
Michigan Department of Education



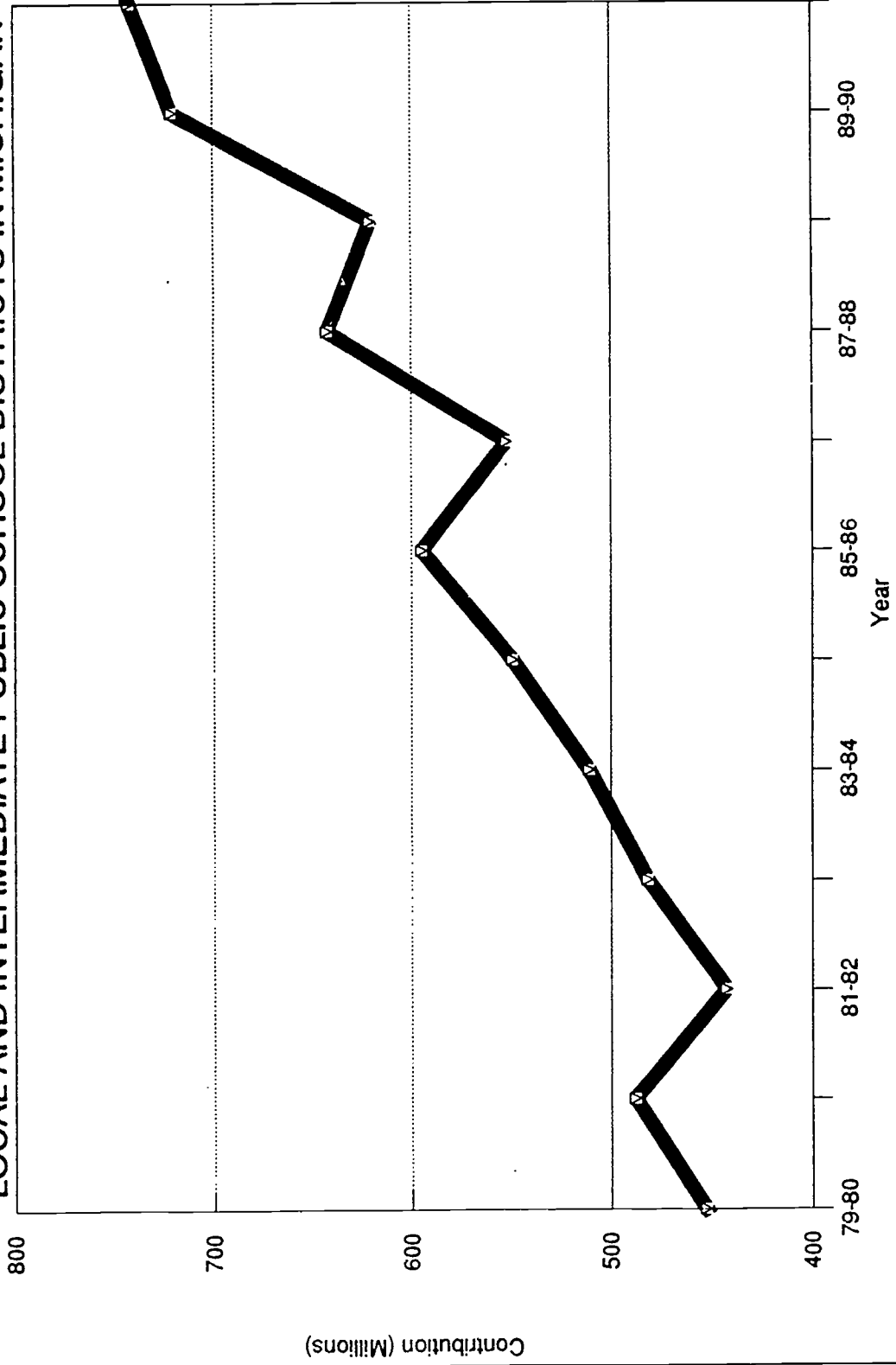
STATE CONTRIBUTIONS TO THE MICHIGAN PUBLIC SCHOOL EMPLOYEES' RETIREMENT SYSTEM AND SOCIAL SECURITY ON BEHALF OF LOCAL AND INTERMEDIATE PUBLIC SCHOOL DISTRICTS IN MICHIGAN

Contributions to the Michigan Public School Employees' Retirement System and Social Security on behalf of local and intermediate public school districts in Michigan are provided by the State School Aid Fund. Between 1979-80 and 1990-91,

contributions to the retirement system and Social Security ranged from a low of \$443 million in 1981-82 to a peak of \$742 million in 1990-91.

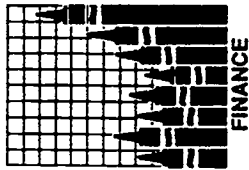
Year	Total (Millions)	Change from Previous Year	
		Amount	Percent
1979-80	453		
1980-81	488	35	7.7
1981-82	443	-45	-9.2
1982-83	482	39	8.8
1983-84	511	29	6.0
1984-85	549	38	7.4
1985-86	595	46	8.4
1986-87	552	-43	-7.2
1987-88	643	91	16.5
1988-89	621	-22	-3.4
1989-90	721	100	16.1
1990-91	742	21	2.9

STATE CONTRIBUTIONS TO THE MICHIGAN PUBLIC SCHOOL EMPLOYEES' RETIREMENT SYSTEM AND SOCIAL SECURITY ON BEHALF OF LOCAL AND INTERMEDIATE PUBLIC SCHOOL DISTRICTS IN MICHIGAN



Source: Department Services
Michigan Department of Education





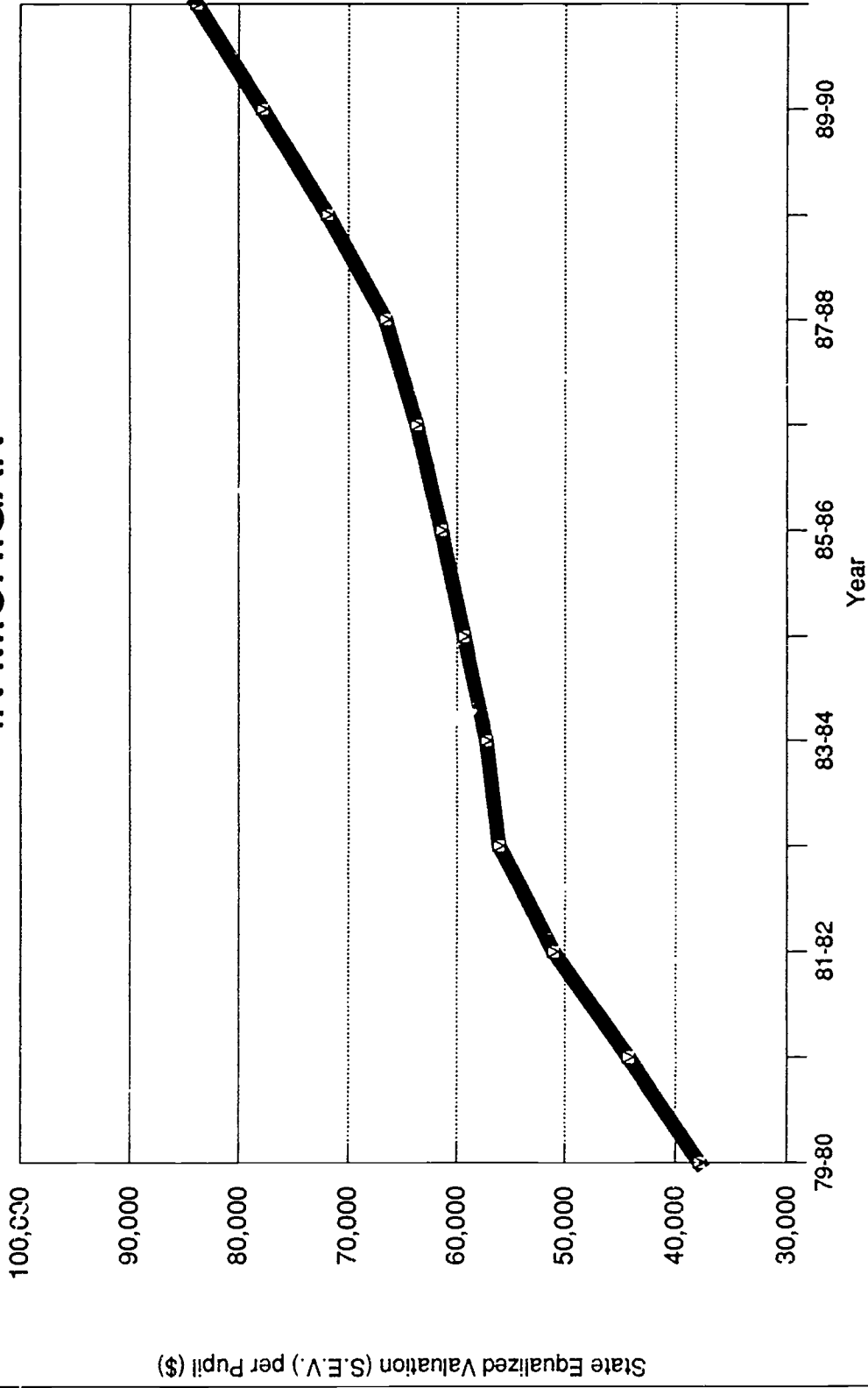
STATE EQUALIZED VALUATION PER PUPIL IN LOCAL PUBLIC K-12 SCHOOL DISTRICTS IN MICHIGAN

The State Equalized Valuation (S.E.V.) per pupil was obtained by dividing the total taxable value of real estate and personal property as finally equalized by the State Tax Commission for all public K-12 school districts in Michigan by the total number of pupils legally enrolled in all K-12 districts on the fourth

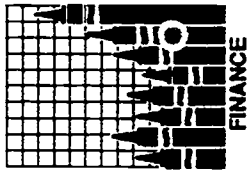
Friday following Labor Day of the school year. The average S.E.V. per pupil for all public K-12 school districts in Michigan increased from \$37,843 to \$83,861 or by 121.6% between 1979-80 and 1990-91.

Year	SEV per Pupil (\$)	Change from Previous Year	
		Amount	Percent
1979-80	37,843		
1980-81	44,257	6,414	16.9
1981-82	51,065	6,808	15.4
1982-83	56,102	5,037	9.9
1983-84	57,236	1,134	2.0
1984-85	59,402	2,166	3.8
1985-86	61,491	2,089	3.5
1986-87	63,795	2,304	3.7
1987-88	66,607	2,812	4.4
1988-89	71,939	5,332	8.0
1989-90	77,877	5,938	8.3
1990-91	83,861	5,984	7.7

STATE EQUALIZED VALUATION PER PUPIL IN LOCAL PUBLIC K-12 SCHOOL DISTRICTS IN MICHIGAN



Source: Department Services
Michigan Department of Education



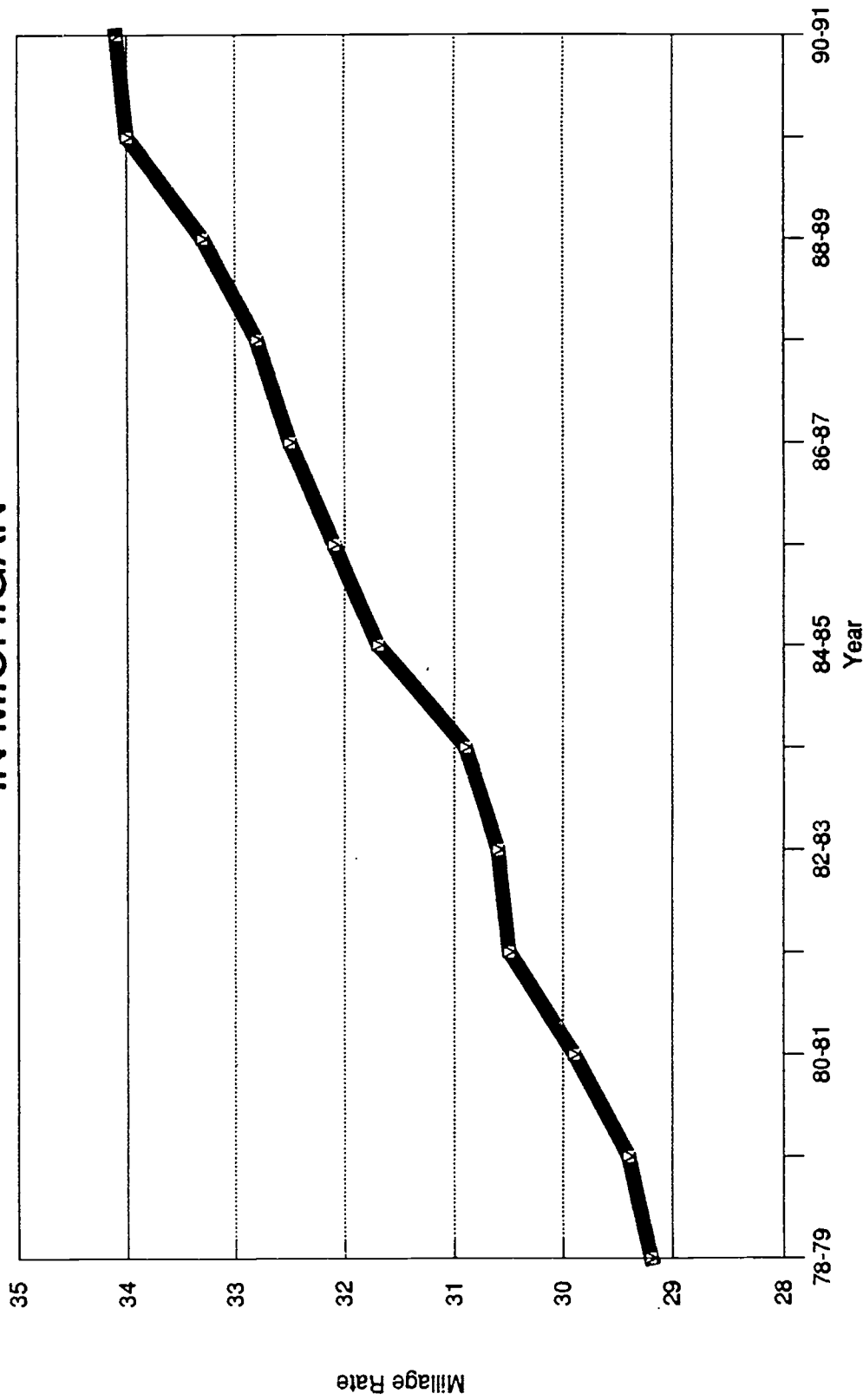
AVERAGE OPERATING MILLAGE RATE FOR LOCAL PUBLIC SCHOOL DISTRICTS IN MICHIGAN

Operating millage consists of allocated millage and extra-voted millage for the general operations of the school district. A mill is a tax equal to \$1.00 per thousand dollars of property value.

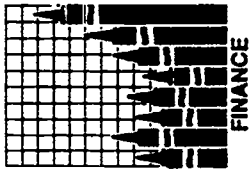
The average operating millage rate for Michigan's local public school districts continuously increased from 29.2 in 1978-79 to 34.1 in 1990-91.

Year	Average Operating Millage Rate
1978-79	29.2
1979-80	29.4
1980-81	29.9
1981-82	30.5
1982-83	30.6
1983-84	30.9
1984-85	31.7
1985-86	32.1
1986-87	32.5
1987-88	32.8
1988-89	33.3
1989-90	34.0
1990-91	34.1

AVERAGE OPERATING MILLAGE RATE FOR LOCAL PUBLIC SCHOOL DISTRICTS IN MICHIGAN



Source: Department Services
Michigan Department of Education



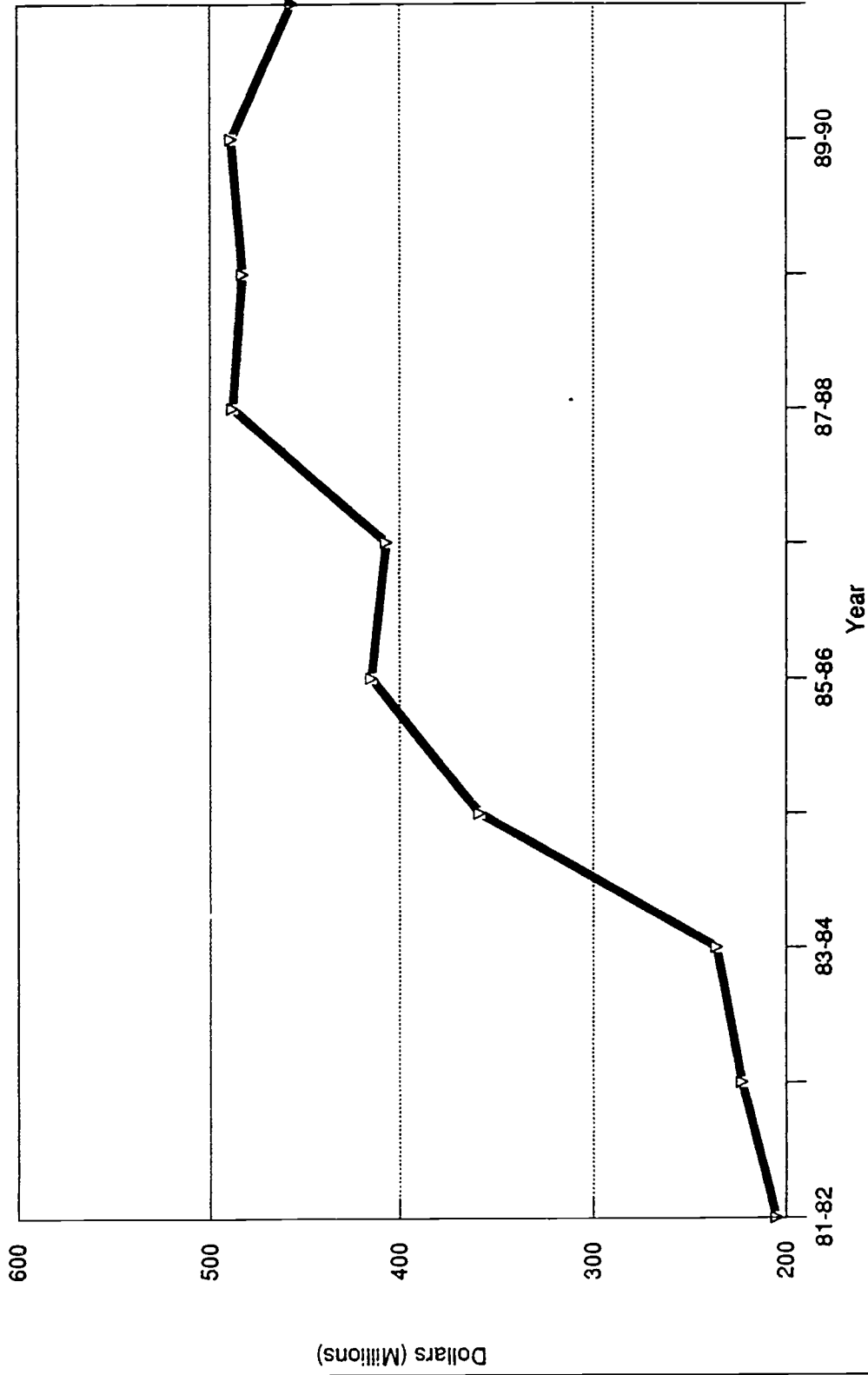
MICHIGAN LOTTERY CONTRIBUTION TO EDUCATION

Public Act 40 of 1981 earmarked net revenues from the Michigan Lottery to the State School Aid Fund. Direct financial assistance to Michigan's public school districts from the state is provided by the State School Aid Fund. The state lottery

profits ranged from a low of \$205 million in the 1981-82 fiscal year to a peak of \$489 million in the 1989-90 fiscal year between 1981-82 and 1990-91.

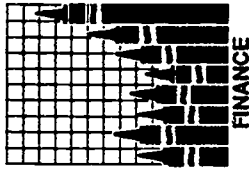
Fiscal Year	Net Revenue (Millions)	Change from Previous Year	
		Amount	Percent
1981-82	205		
1982-83	223	18	8.8
1983-84	236	13	5.8
1984-85	359	123	52.1
1985-86	415	56	15.6
1986-87	407	-8	-1.9
1987-88	488	81	19.9
1988-89	483	-5	-1.0
1989-90	489	6	1.2
1990-91	457	-32	-6.5

MICHIGAN LOTTERY CONTRIBUTION TO EDUCATION



Source: Department Services
Michigan Department of Education





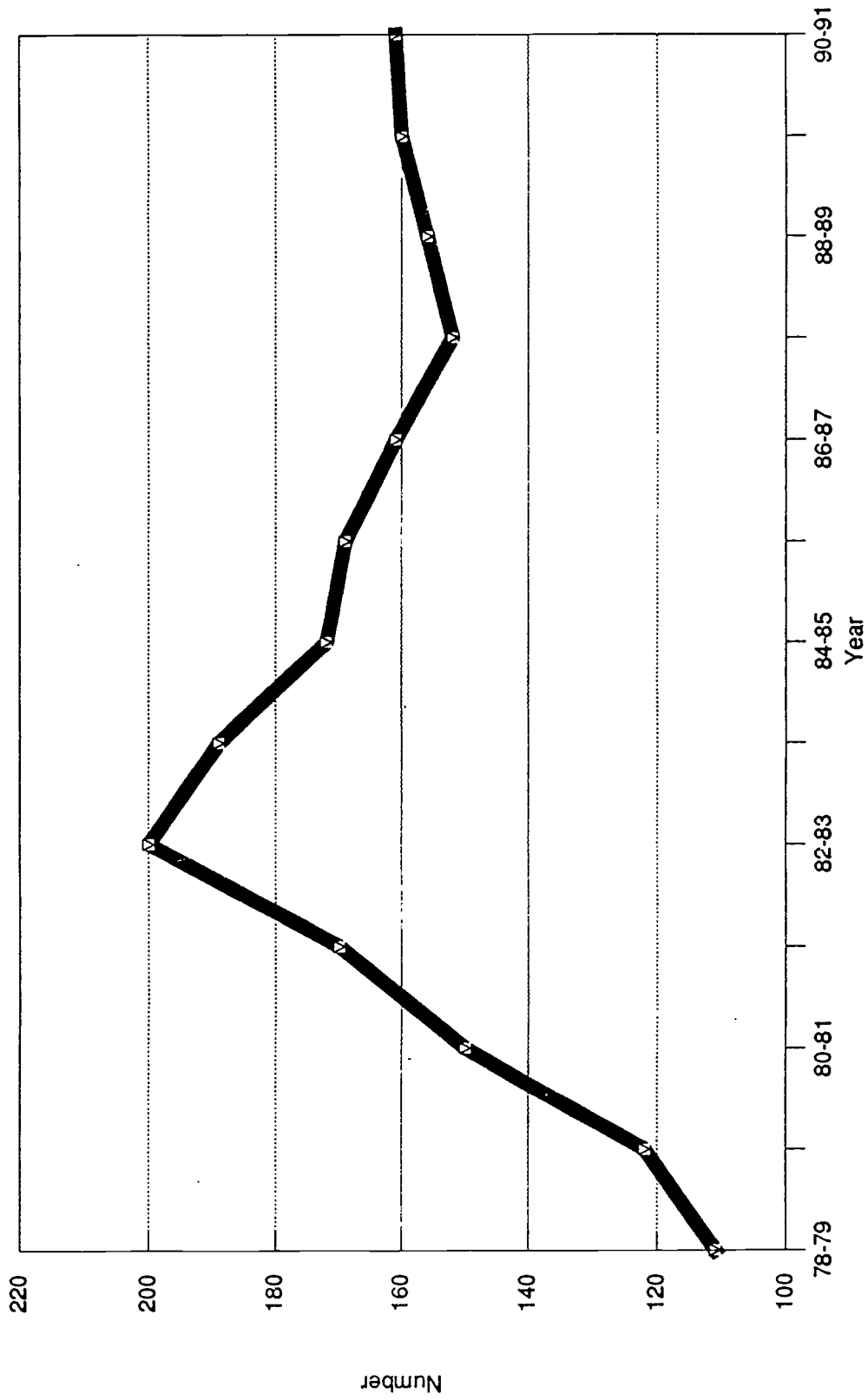
NUMBER OF OUT-OF-FORMULA SCHOOL DISTRICTS IN MICHIGAN

The total number of out-of-formula school districts in Michigan was 163 in the 1990-91 school year. An out-of-formula school district is a school district in which more money is raised for the schools by local property taxes than the state aid formula would provide. Therefore, it receives only categorical aid from

the state government. Between 1978-79 and 1990-91, the number of out-of-formula districts ranged from a low of 111 or 19.3% of the total number of districts in 1978-79 to a peak of 200 or 34.9% in 1982-83.

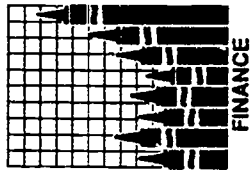
Year	Number	Change from Previous Year	
		Number	Percent
1978-79	111		
1979-80	122	11	9.9
1980-81	150	28	23.0
1981-82	170	20	13.3
1982-83	200	30	17.6
1983-84	189	-11	-5.5
1984-85	172	-17	-9.0
1985-86	169	-3	-1.7
1986-87	161	-8	-4.7
1987-88	152	-9	-5.6
1988-89	156	4	2.6
1989-90	160	4	2.6
1990-91	163	3	1.9

NUMBER OF OUT-OF-FORMULA SCHOOL DISTRICTS IN MICHIGAN



Source: Department Services
Michigan Department of Education





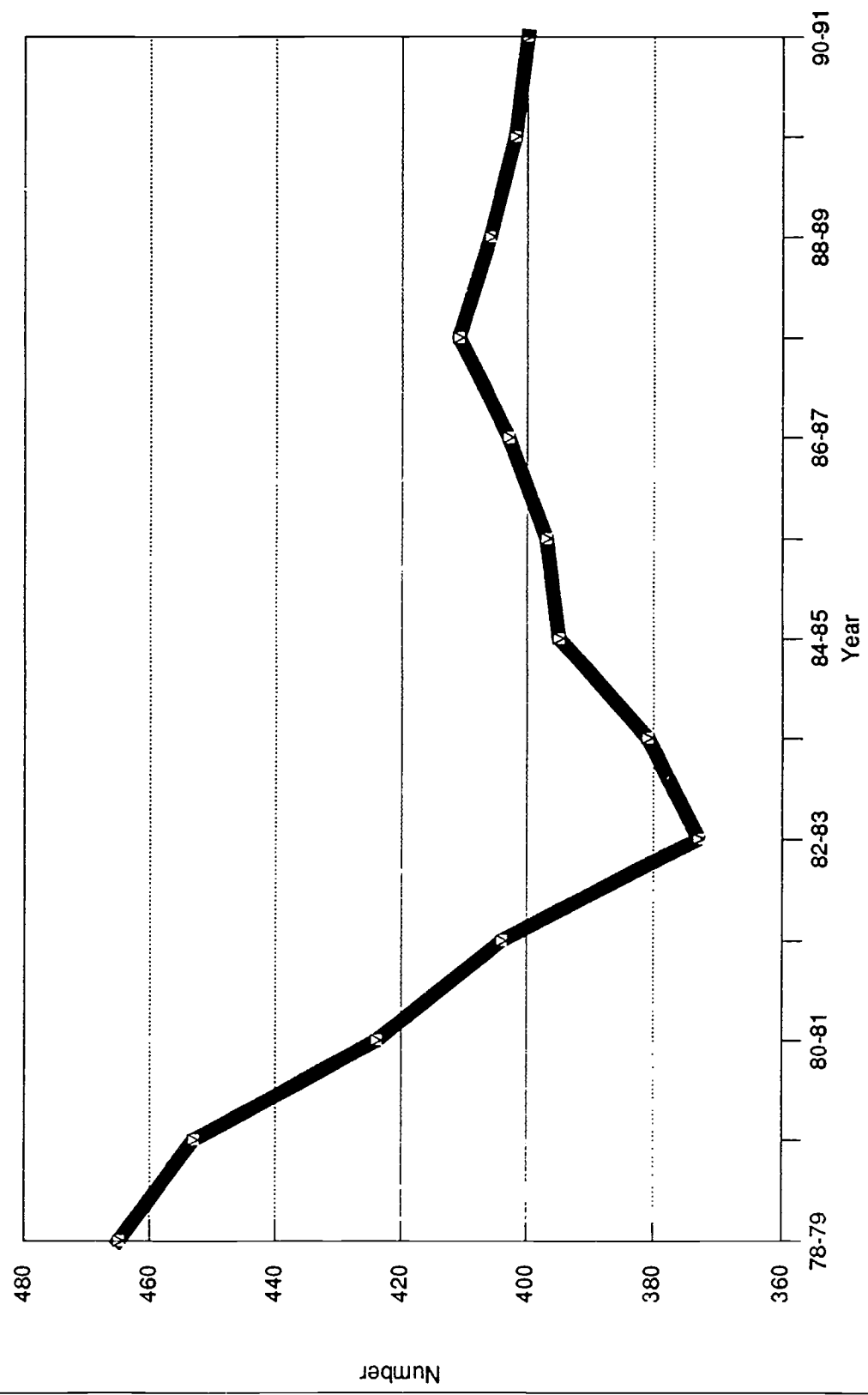
NUMBER OF IN-FORMULA SCHOOL DISTRICTS IN MICHIGAN

The total number of in-formula school districts in Michigan was 396 in the 1990-91 school year. An in-formula school district is a school district eligible for state aid based on pupil enrollment because the amount of money raised by local property taxes for the schools is less than the amount

guaranteed by the state government. The number of in-formula districts ranged from a peak of 465 or 80.7% of the total number of districts in 1978-79 to a low of 373 or 65.1% in 1982-83 between 1978-79 and 1990-91.

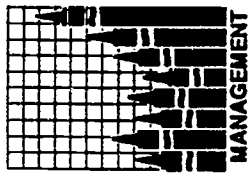
Year	Number	Change from Previous Year	
		Number	Percent
1978-79	465		
1979-80	453	-12	-2.6
1980-81	424	-29	-6.4
1981-82	404	-20	-4.7
1982-83	373	-31	-7.7
1983-84	381	8	2.1
1984-85	395	14	3.7
1985-86	397	2	.5
1986-87	403	6	1.5
1987-88	411	8	2.0
1988-89	406	-5	-1.2
1989-90	402	-4	-1.0
1990-91	396	-6	-1.5

NUMBER OF IN-FORMULA SCHOOL DISTRICTS IN MICHIGAN



Source: Department Services
Michigan Department of Education





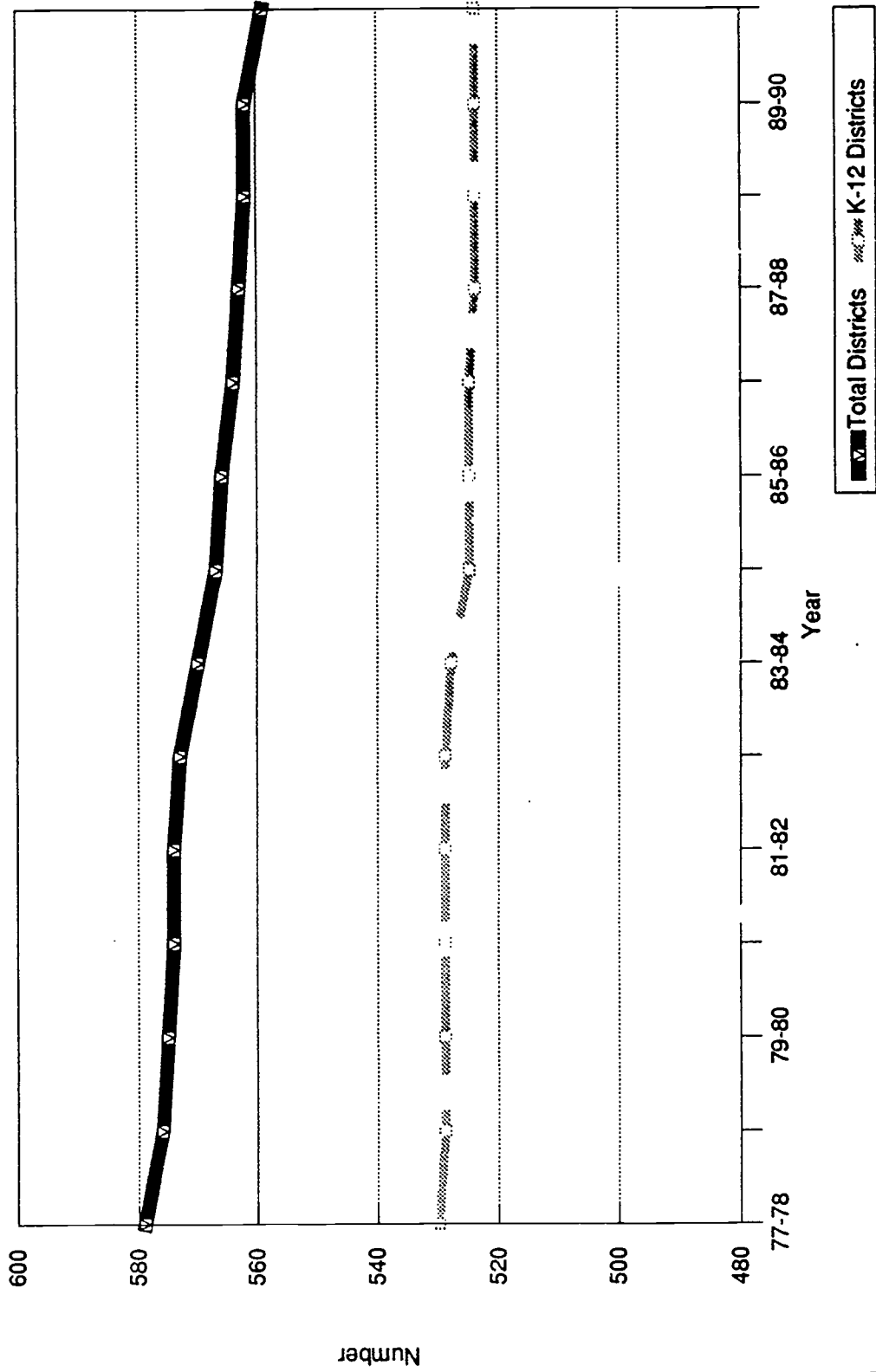
NUMBER OF PUBLIC SCHOOL DISTRICTS IN MICHIGAN

The total number of local public school districts in Michigan was 559 in the 1990-91 school year. The number of school districts included 524 districts operating K-12 educational

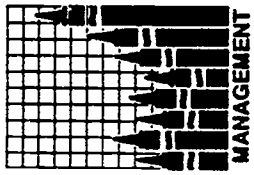
programs. Michigan citizens consolidated 20 school districts, including six K-12 districts between 1977-78 and 1990-91.

Year	Total Districts	Change from Previous Year Number	Change from Previous Year Percent	K-12 Districts	Change from Previous Year Number	Change from Previous Year Percent
1977-78	579			530		
1978-79	576	-3	-5	529	-1	-2
1979-80	575	-1	-2	529	0	.0
1980-81	574	-1	-2	529	0	.0
1981-82	574	0	.0	529	0	.0
1982-83	573	-1	-2	529	0	.0
1983-84	570	-3	-5	528	-1	-2
1984-85	567	-3	-5	525	-3	-6
1985-86	566	-1	-2	525	0	.0
1986-87	564	-2	-4	525	0	.0
1987-88	563	-1	-2	524	-1	-2
1988-89	562	-1	-2	524	0	.0
1989-90	562	0	.0	524	0	.0
1990-91	559	-3	-5	524	0	.0

NUMBER OF PUBLIC SCHOOL DISTRICTS IN MICHIGAN



Source: Department Services
Michigan Department of Education



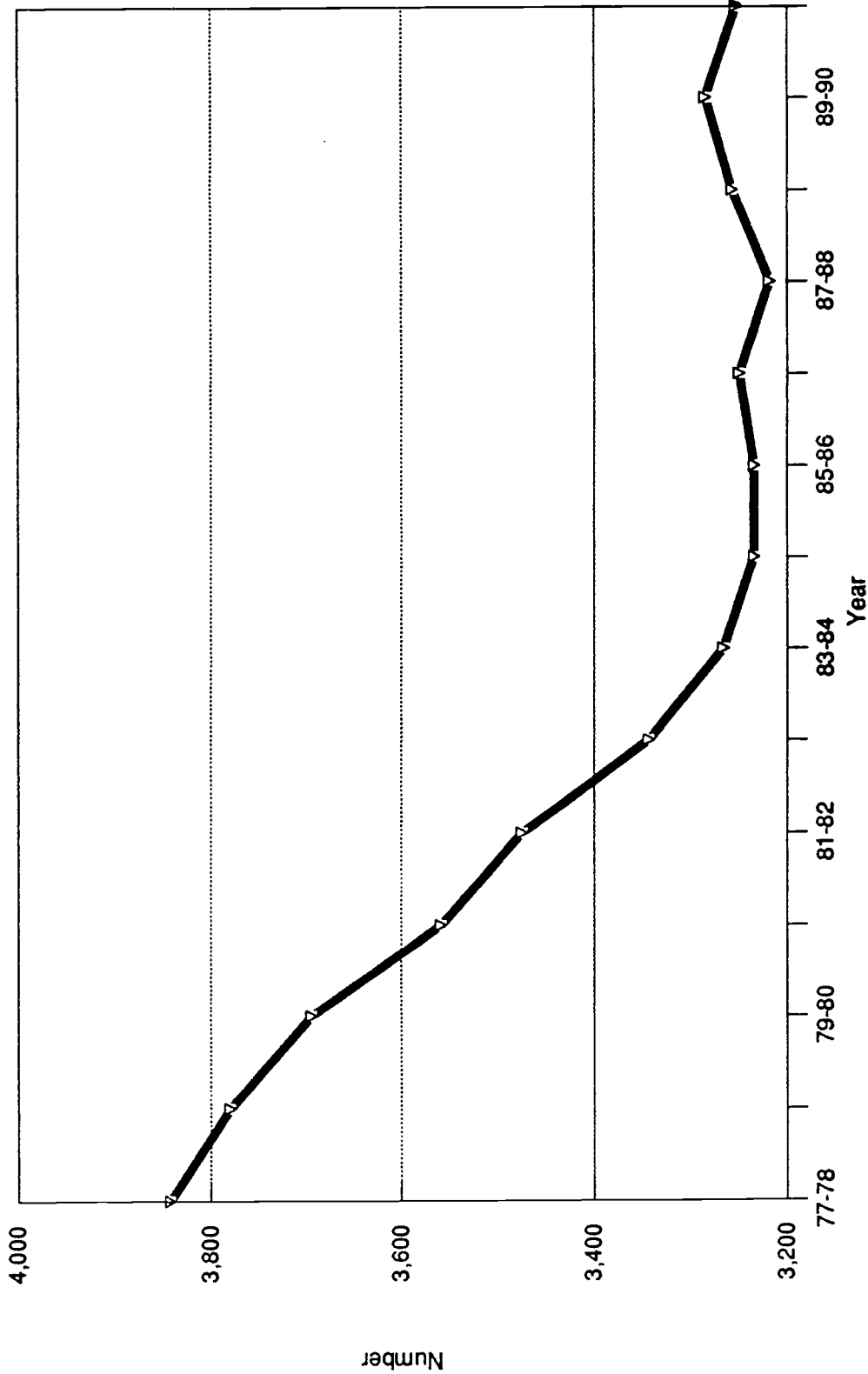
TOTAL NUMBER OF PUBLIC SCHOOLS IN MICHIGAN

The total number of public schools in Michigan, including elementary and secondary schools, was 3,253 in the 1990-91 school year. The number of public schools ranged from a

peak of 3,843 in 1977-78 to a low of 3,218 in 1987-88 between 1977-78 and 1990-91.

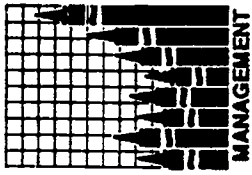
Year	Number	Percent Change
1977-78	3,843	
1978-79	3,780	-1.6
1979-80	3,694	-2.3
1980-81	3,559	-3.7
1981-82	3,475	-2.4
1982-83	3,343	-3.8
1983-84	3,266	-2.3
1984-85	3,234	-1.0
1985-86	3,234	0.0
1986-87	3,250	.5
1987-88	3,218	-1.0
1988-89	3,257	1.2
1989-90	3,285	.9
1990-91	3,253	-1.0

TOTAL NUMBER OF PUBLIC SCHOOLS IN MICHIGAN



Source: Information, Research and Evaluation Services
Michigan Department of Education



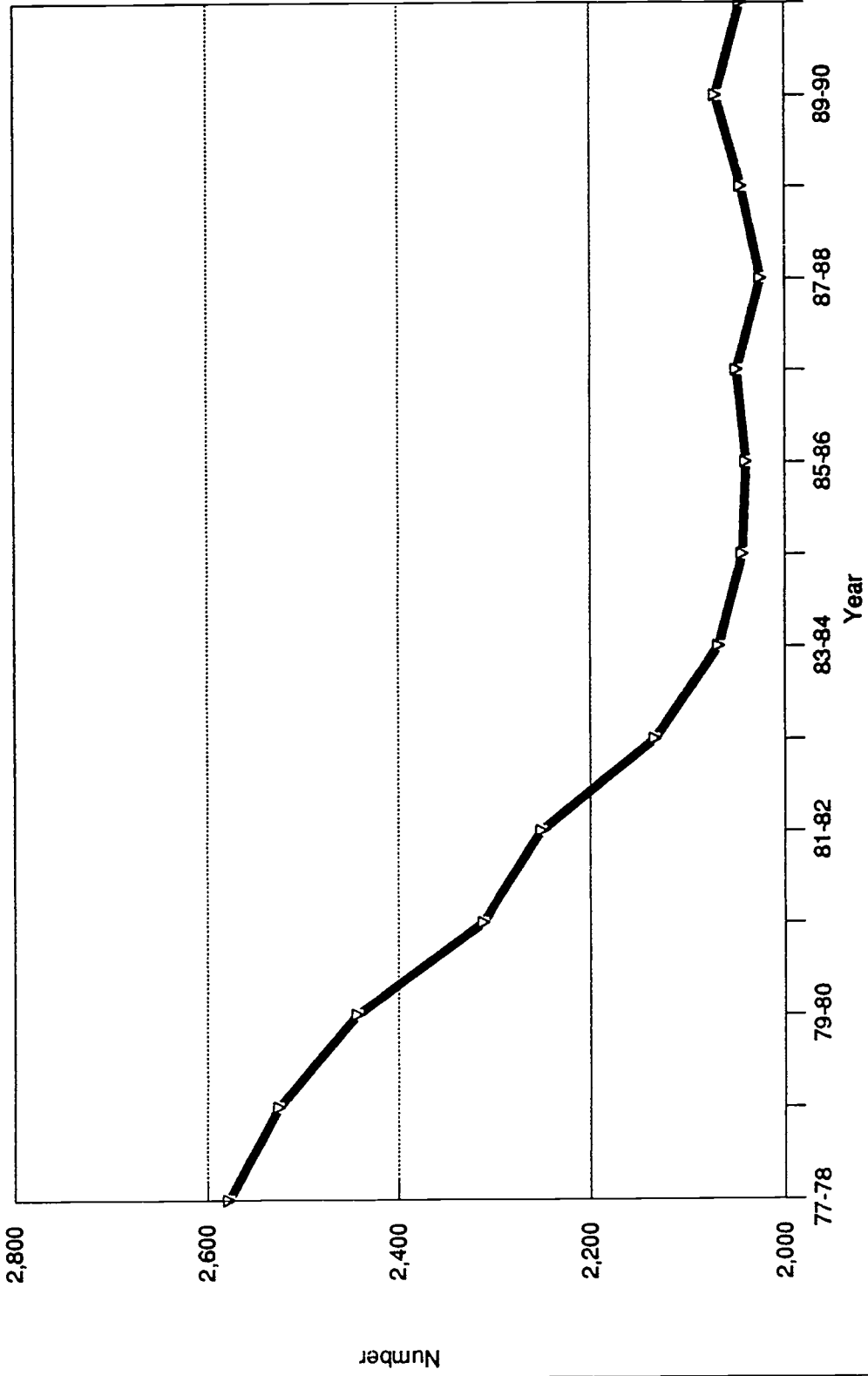


NUMBER OF PUBLIC ELEMENTARY SCHOOLS IN MICHIGAN

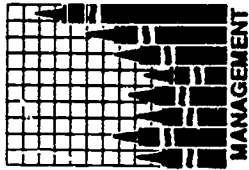
The total number of public elementary schools in Michigan was 2,045 in the 1990-91 school year. The number of public elementary schools ranged from a peak of 2,578 in 1977-78 to a low of 2,025 in 1987-88 between 1977-78 and 1990-91.

Year	Number	Percent Change
1977-78	2,578	
1978-79	2,526	-2.0
1979-80	2,443	-3.3
1980-81	2,311	-5.4
1981-82	2,250	-2.6
1982-83	2,134	-5.2
1983-84	2,068	-3.1
1984-85	2,044	-1.2
1985-86	2,040	-.2
1986-87	2,050	.5
1987-88	2,025	-1.2
1988-89	2,045	1.0
1989-90	2,071	1.3
1990-91	2,045	-1.3

NUMBER OF PUBLIC ELEMENTARY SCHOOLS IN MICHIGAN



Source: Information, Research and Evaluation Services
Michigan Department of Education



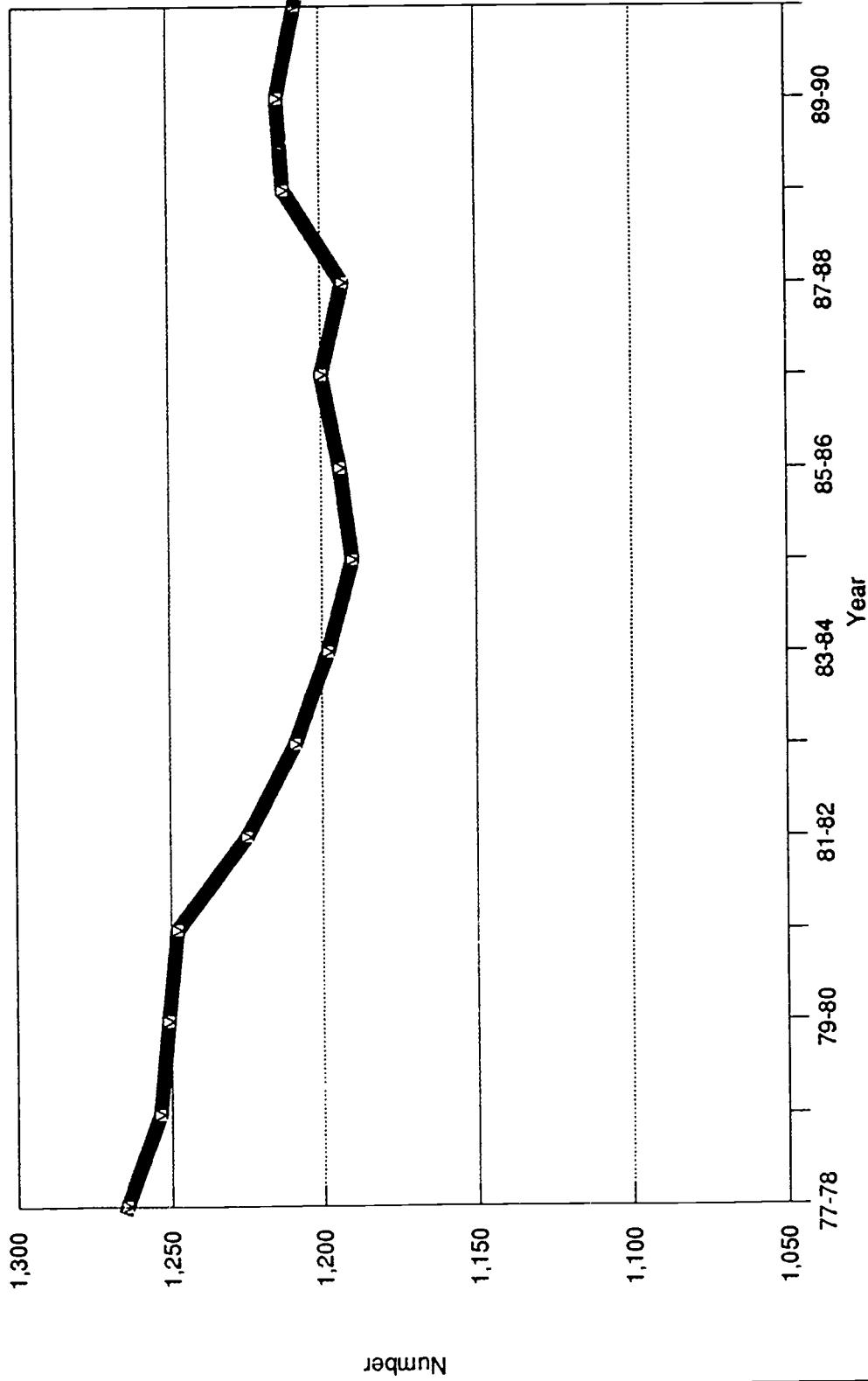
NUMBER OF PUBLIC SECONDARY SCHOOLS IN MICHIGAN

The total number of public secondary schools in Michigan, including middle, junior high, senior high and K-12 schools, was 1,208 in the 1990-91 school year. The number of public

secondary schools ranged from a peak of 1,265 in 1977-78 to a low of 1,190 in 1984-85 between 1977-78 and 1990-91.

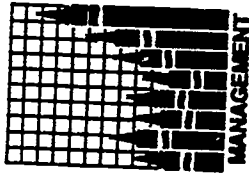
Year	Number	Percent Change
1977-78	1,265	
1978-79	1,254	-.9
1979-80	1,251	-.2
1980-81	1,248	-.2
1981-82	1,225	-1.8
1982-83	1,209	-1.3
1983-84	1,198	-.9
1984-85	1,190	-.7
1985-86	1,194	.3
1986-87	1,200	.5
1987-88	1,193	-.6
1988-89	1,212	1.6
1989-90	1,214	.2
1990-91	1,208	-.5

NUMBER OF PUBLIC SECONDARY SCHOOLS IN MICHIGAN



Source: Information, Research and Evaluation Services
Michigan Department of Education





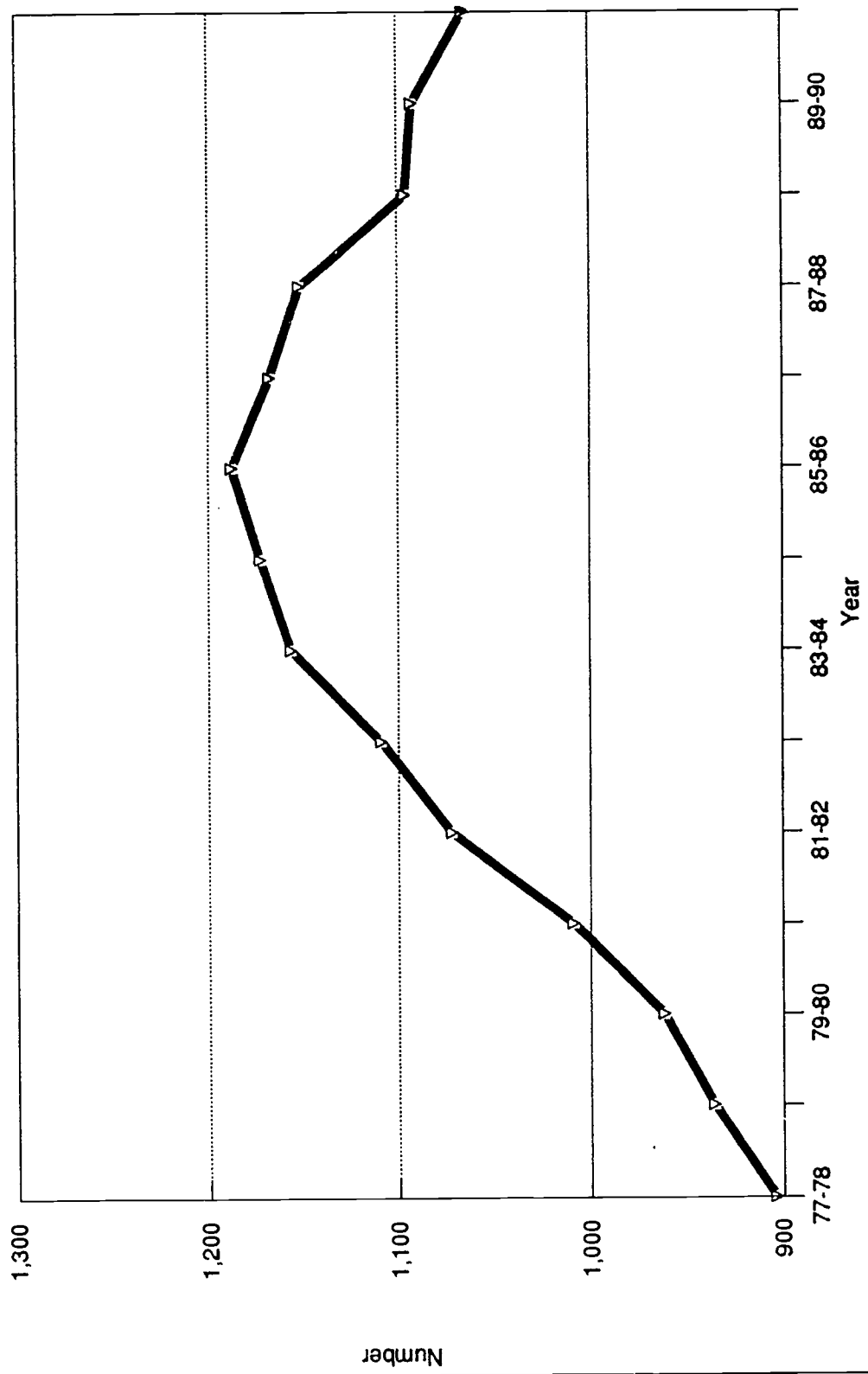
TOTAL NUMBER OF NONPUBLIC SCHOOLS IN MICHIGAN

The total number of nonpublic schools in Michigan, including elementary and secondary schools, was 1,065 in the 1990-91 school year. The number of nonpublic schools ranged from a

low of 904 in 1977-78 to a peak of 1,188 in 1985-86 between 1977-78 and 1990-91.

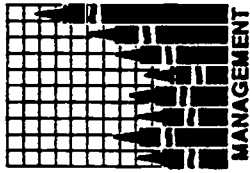
Year	Number	Percent Change
1977-78	904	
1978-79	936	3.5
1979-80	962	2.8
1980-81	1,009	4.9
1981-82	1,072	6.2
1982-83	1,109	3.5
1983-84	1,157	4.3
1984-85	1,173	1.4
1985-86	1,188	1.3
1986-87	1,168	-1.7
1987-88	1,152	-1.4
1988-89	1,096	-4.9
1989-90	1,092	-.4
1990-91	1,065	-2.5

TOTAL NUMBER OF NONPUBLIC SCHOOLS IN MICHIGAN



Source: Information, Research and Evaluation Services
Michigan Department of Education





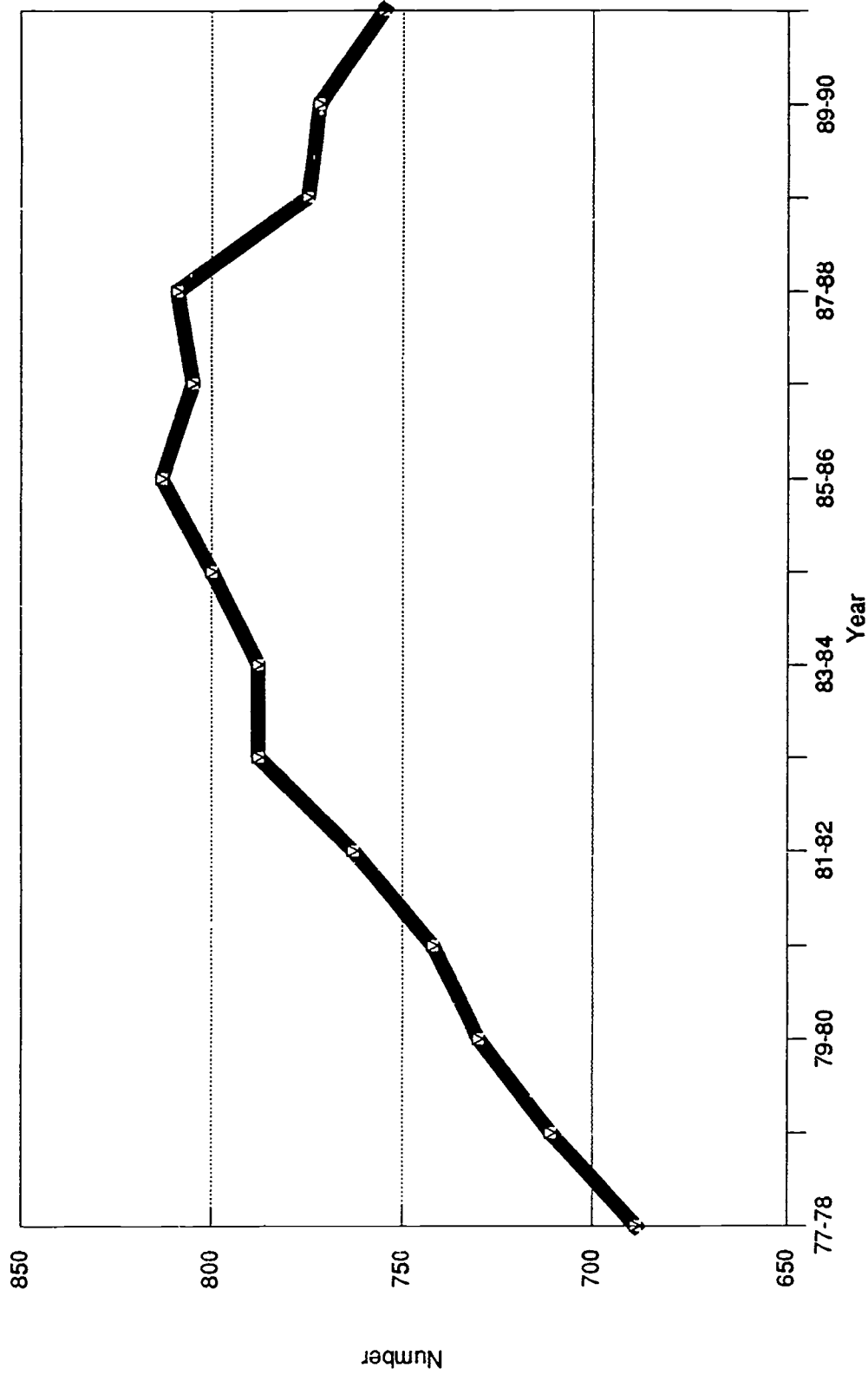
NUMBER OF NONPUBLIC ELEMENTARY SCHOOLS IN MICHIGAN

The total number of nonpublic elementary schools in Michigan was 755 in the 1990-91 school year. The number of nonpublic elementary schools ranged from a low of 689 in 1977-78 to a peak of 813 in 1985-86 between 1977-78 and 1990-91.

Year	Number	Percent Change
1977-78	689	
1978-79	711	3.2
1979-80	730	2.7
1980-81	742	1.6
1981-82	763	2.8
1982-83	788	3.3
1983-84	788	0.0
1984-85	800	1.5
1985-86	813	1.6
1986-87	805	-1.0
1987-88	809	.5
1988-89	775	-4.2
1989-90	772	-.4
1990-91	755	-2.2

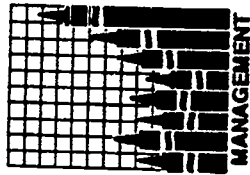
460

NUMBER OF NONPUBLIC ELEMENTARY SCHOOLS IN MICHIGAN



Source: Information, Research and Evaluation Services
Michigan Department of Education





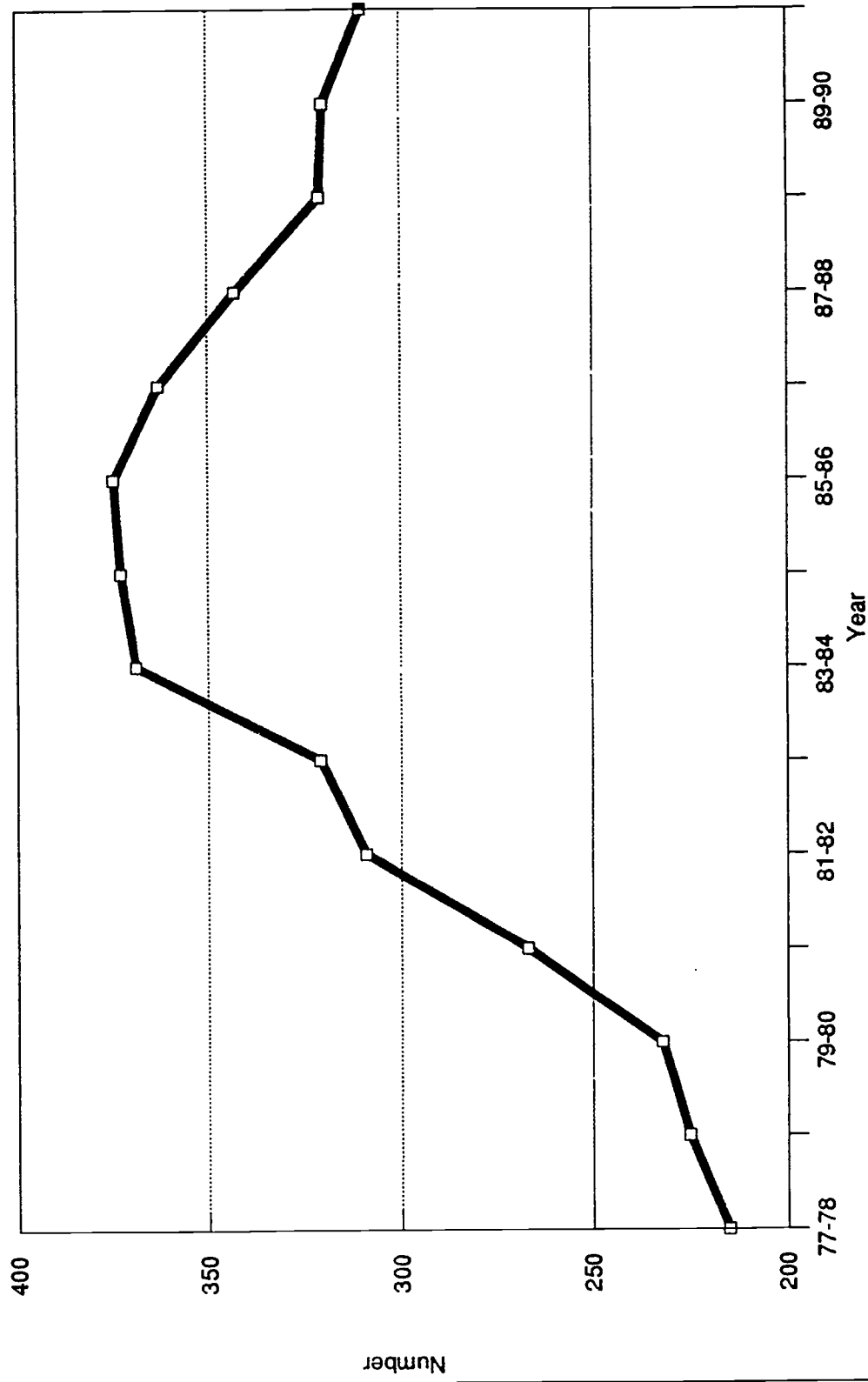
NUMBER OF NONPUBLIC SECONDARY SCHOOLS IN MICHIGAN

The total number of nonpublic secondary schools in Michigan, including middle, junior high, senior high and K-12 schools, was 310 in the 1990-91 school year. Most of the nonpublic secondary schools are K-12 schools. The number of

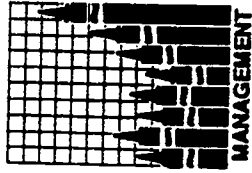
nonpublic secondary schools ranged from a low of 215 in 1977-78 to a peak of 375 in 1985-86 between 1977-78 and 1990-91.

Year	Number	Percent Change
1977-78	215	
1978-79	225	4.7
1979-80	232	3.1
1980-81	267	15.1
1981-82	309	15.7
1982-83	321	3.9
1983-84	369	15.0
1984-85	373	1.1
1985-86	375	.5
1986-87	363	-3.2
1987-88	343	-5.5
1988-89	321	-6.4
1989-90	320	-.3
1990-91	310	-3.1

NUMBER OF NONPUBLIC SECONDARY SCHOOLS IN MICHIGAN



Source: Information, Research and Evaluation Services
Michigan Department of Education



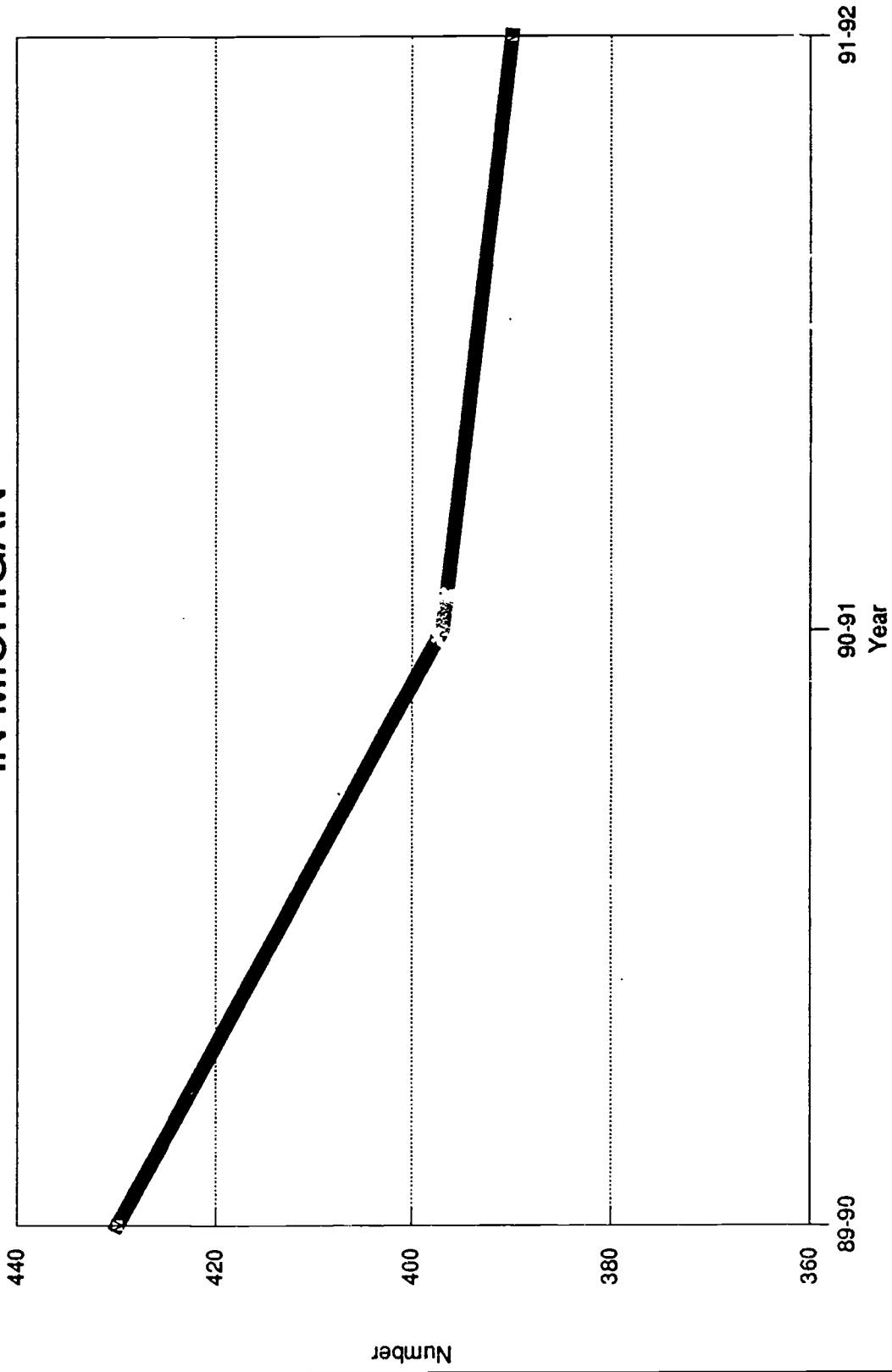
NUMBER OF HOME SCHOOLS IN MICHIGAN

The total number of home education programs in Michigan that met the state's legal reporting requirements (home schools) was 390 in January of the 1991-92 school year.

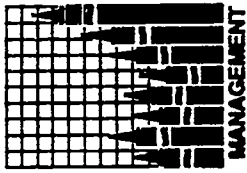
The number of home education programs meeting the reporting requirements decreased by 7 or 1.8% from the preceding year.

Year	Total	Change from Previous Year	
		Number	Percent
1989-90	430		
1990-91	397	-33	-7.7
1991-92	390	-7	-1.8

NUMBER OF HOME SCHOOLS IN MICHIGAN



Source: Office of Information, Research and Evaluation Services
Michigan Department of Education



REPORT CARD RATINGS OF THE PUBLIC SCHOOLS BY MICHIGAN CITIZENS

In the 1991-92 school year 54% of Michigan citizens graded their local public schools with an A or B report card rating: 11% graded the public schools with an A; and 43% with a B. Between 1981-82 and 1991-92 the percentage of citizens who

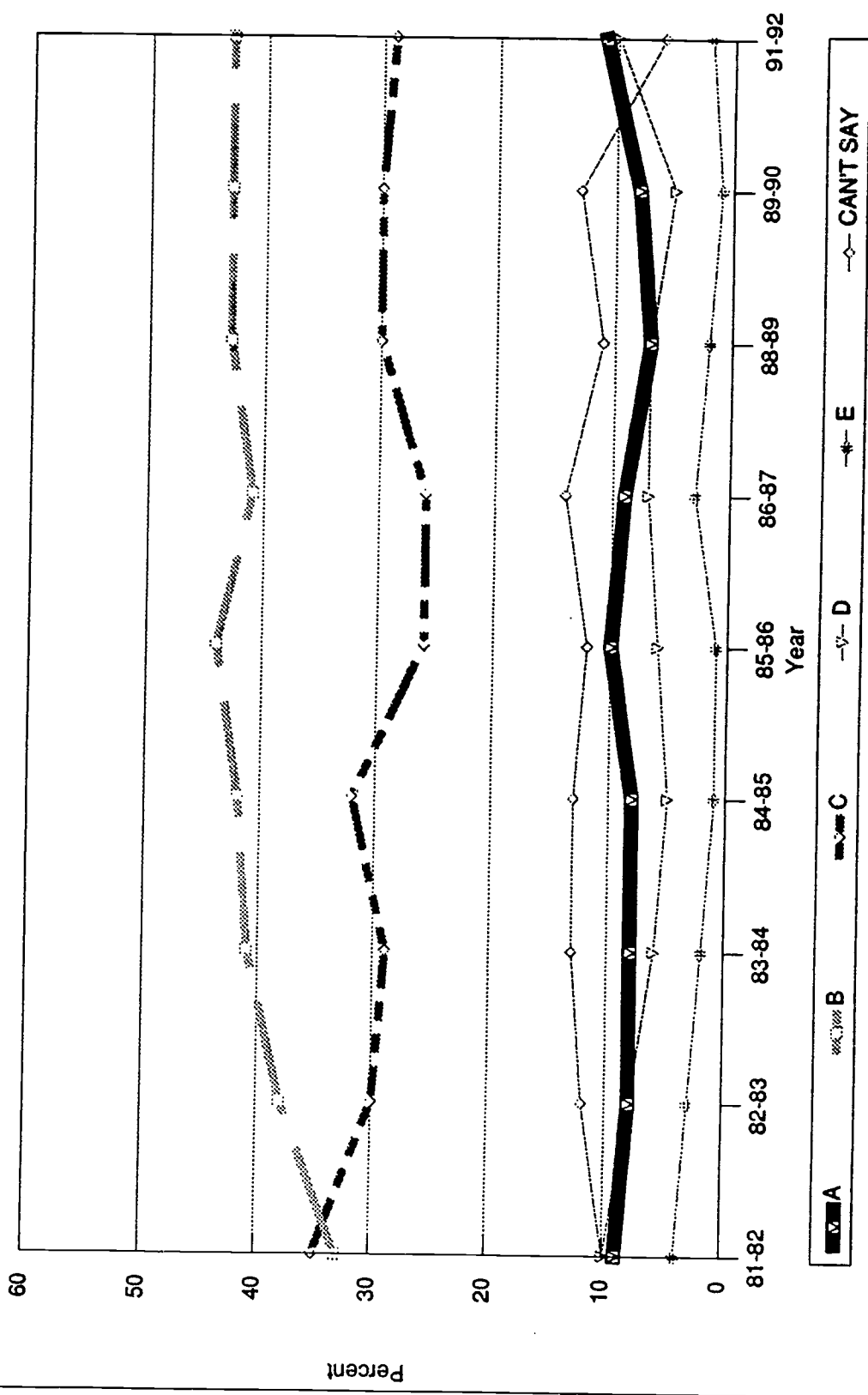
graded the public schools with an A or B rating ranged from a low of 42% in 1981-82 to a peak of 54% in 1985-86 and 1991-92. Opinions of Michigan citizens were obtained in scientifically-valid public opinion surveys.

Ratings (%)

Year	A	B	C	D	E	CAN'T SAY
1981-82	9	33	35	10	4	10
1982-83	8	38	30	8	3	12
1983-84	8	41	29	6	2	13
1984-85	8	42	32	5	1	13
1985-86	10	44	26	6	1	12
1986-87	9	41	26	7	3	14
1988-89*	7	43	30	7	2	11
1989-90	8	43	30	5	1	13
1991-92*	11	43	29	10	2	6

* There were no public opinion surveys in 1987-88 and 1990-91.

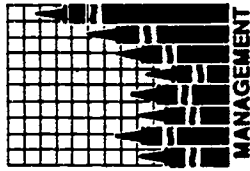
REPORT CARD RATINGS OF THE PUBLIC SCHOOLS BY MICHIGAN CITIZENS



Source: Office of Information, Research and Evaluation Services
Michigan Department of Education
NOTE: There were no public opinion surveys in 1987-88 and 1990-91

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RATINGS OF THE QUALITY OF EDUCATION BY MICHIGAN CITIZENS

In the 1991-92 school year, 25% of Michigan citizens believed that the public schools in their community have been getting better during the past few years in the quality of education they provide. Between 1981-82 and 1991-92 the percentage of

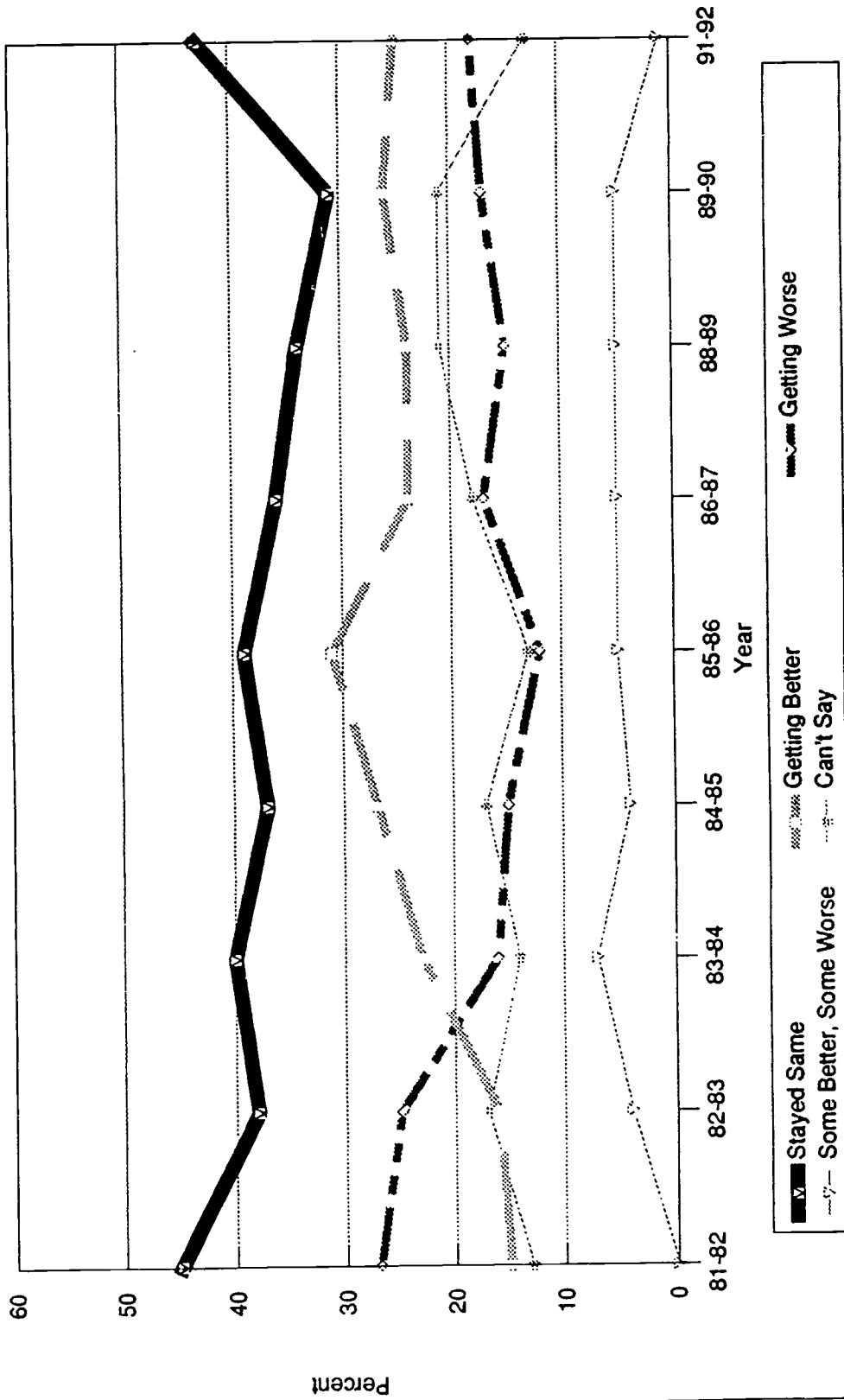
citizens who indicated this judgement of the public schools ranged from a low of 15% in 1981-82 to a peak of 31% in 1985-86. Opinions of Michigan citizens were obtained in scientifically-valid public opinion surveys.

Quality of Education (%)

Year	Stayed About The Same	Getting Better	Getting Worse	Some Better Other Worse	Can't Say
1981-82	45	15	27	0	13
1982-83	38	16	25	4	17
1983-84	40	23	16	7	14
1984-85	37	27	15	4	17
1985-86	39	31	12	5	13
1986-87	36	24	17	5	18
1988-89*	34	24	15	5	21
1989-90	31	26	17	5	21
1991-92*	43	25	18	1	13

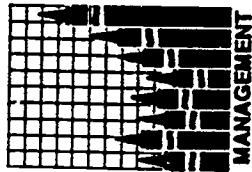
* There were no public opinion surveys in 1987-88 and 1990-91.

RATINGS OF THE QUALITY OF EDUCATION BY MICHIGAN CITIZENS



Source: Office of Information, Research and Evaluation Services
Michigan Department of Education
NOTE: There were no public opinion surveys in 1987-88 and 1990-91





RATINGS OF THE SCHOOL DISTRICT'S MONEY MANAGEMENT BY MICHIGAN CITIZENS

In the 1991-92 school year, 41% of Michigan citizens rated their school district's money management as excellent or good. The percentage of citizens who expressed that their school district's money management is excellent or good

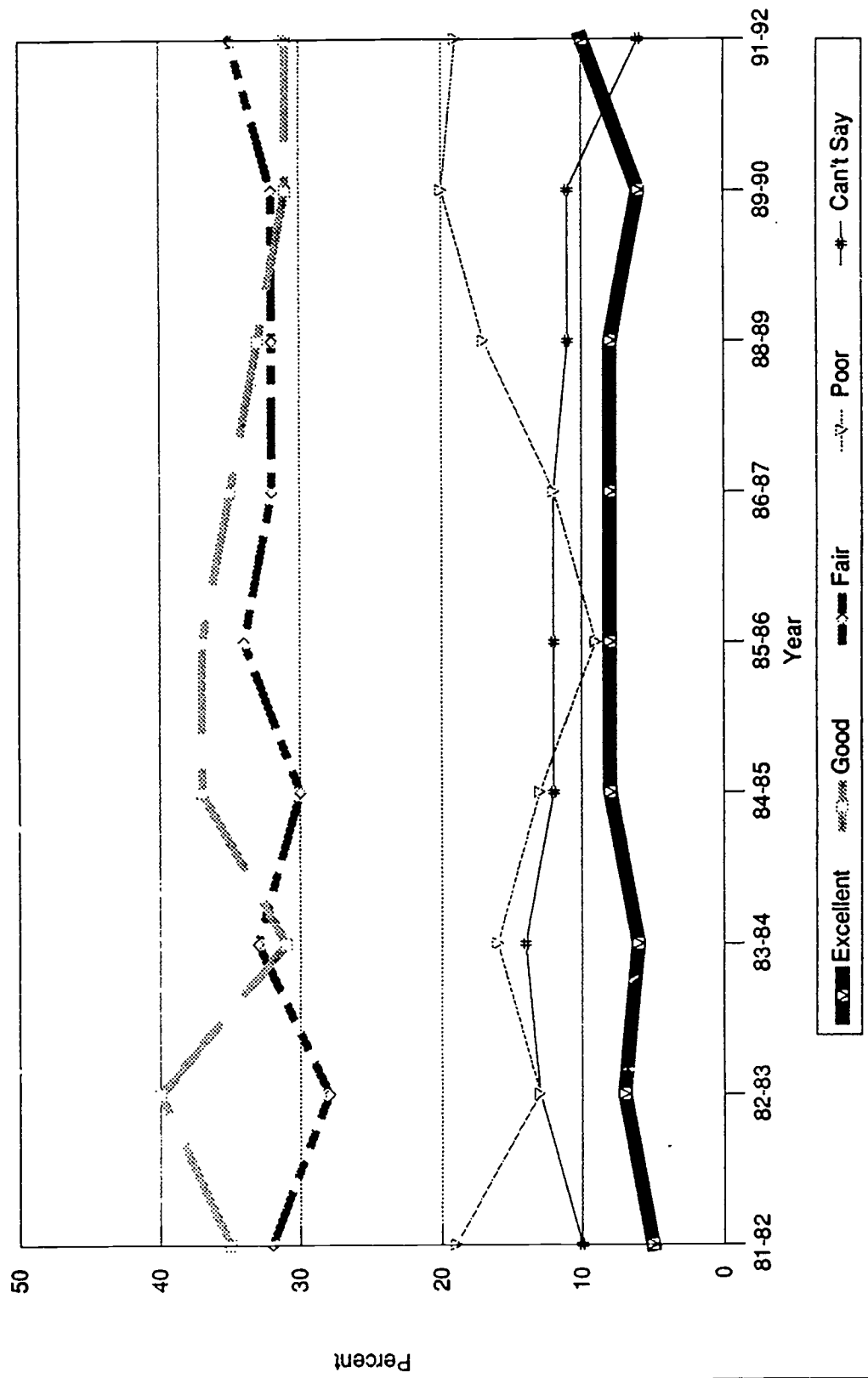
ranged from a peak of 47% in 1982-83 to a low of 37% in 1983-84 and 1989-90. Opinions of Michigan citizens were obtained in scientifically-valid public opinion surveys.

MONEY MANAGEMENT (%)

Year	Excellent	Good	Fair	Poor	Can't Say
1981-82	5	35	32	19	10
1982-83	7	40	28	13	13
1983-84	6	31	33	16	14
1984-85	8	37	30	13	12
1985-86	8	37	34	9	12
1986-87	8	35	32	12	12
1988-89*	8	33	32	17	11
1989-90	6	31	32	20	11
1991-92*	10	31	35	19	6

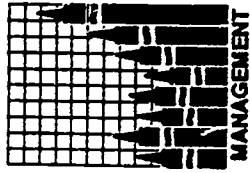
* There were no public opinion surveys in 1987-88 and 1990-91.

RATINGS OF THE SCHOOL DISTRICT'S MONEY MANAGEMENT BY MICHIGAN CITIZENS



Source: Office of Information, Research and Evaluation Services
Michigan Department of Education
NOTE: There were no public opinion surveys in 1987-88 and 1990-91





RATINGS OF CLASSROOM TEACHERS BY MICHIGAN CITIZENS

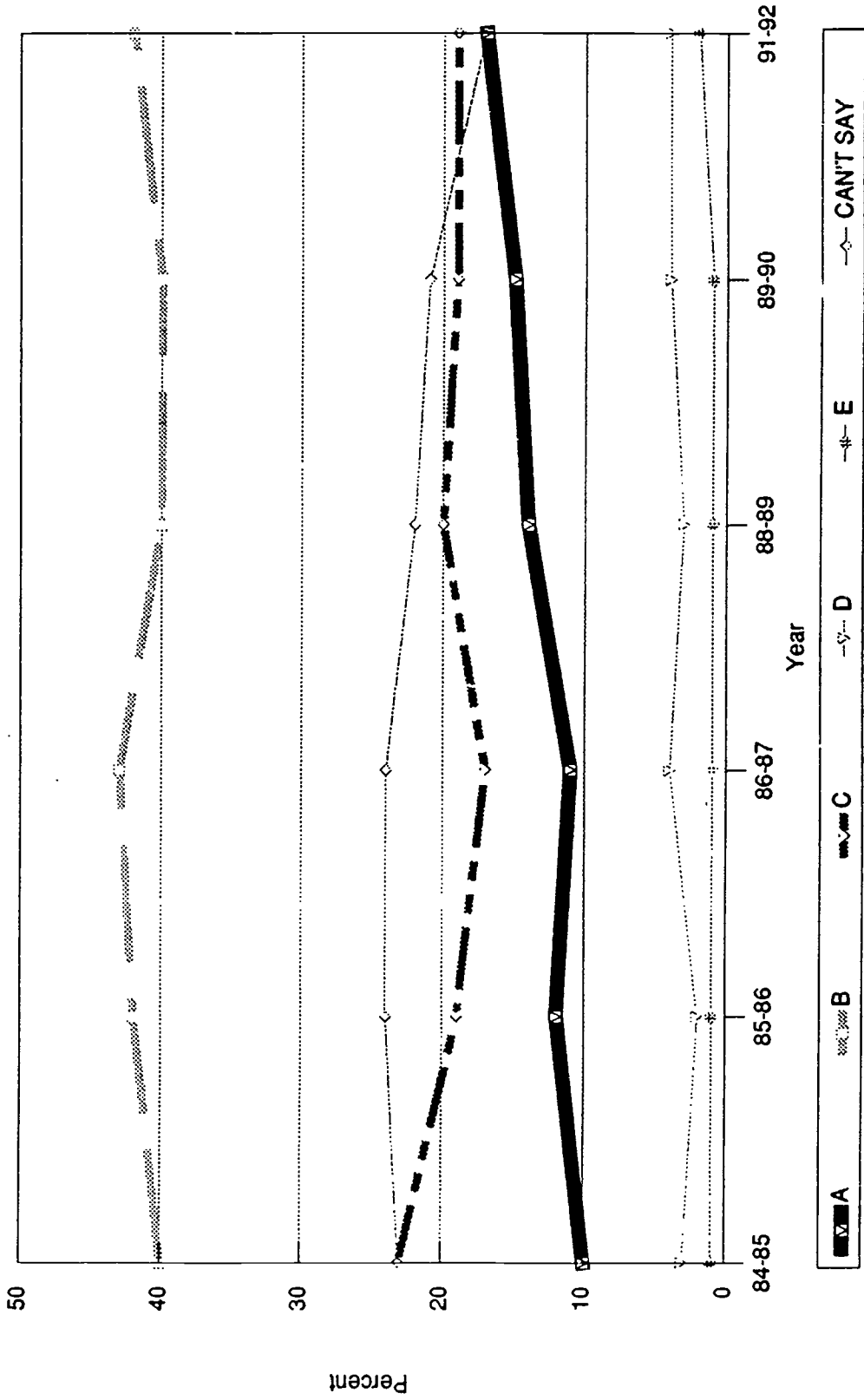
In the 1991-92 school year, 59% of Michigan citizens graded classroom teachers in their local public schools with an A or B rating: 17% graded teachers with an A; and 42% with a B. Between 1984-85 and 1991-92 the percentage of Michigan

citizens who graded teachers in their local public schools with an A or B rating ranged from a low of 50% in 1984-85 to a peak of 59% in 1991-92. Opinions of Michigan citizens were obtained in scientifically-valid public opinion surveys.

Year	Ratings (%)					CAN'T SAY
	A	B	C	D	E	
1984-85	10	40	23	3	1	23
1985-86	12	42	19	2	1	24
1986-87*	11	43	17	4	1	24
1988-89	14	40	20	3	1	22
1989-90*	15	40	19	4	1	21
1991-92	17	42	19	4	2	17

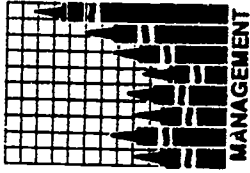
* There were no public opinion surveys in 1987-88 and 1990-91.

RATINGS OF CLASSROOM TEACHERS BY MICHIGAN CITIZENS



Source: Office of Information, Research and Evaluation Services
Michigan Department of Education
NOTE: There were no public opinion surveys in 1987-88 and 1990-91

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RATINGS OF BUILDING PRINCIPALS BY MICHIGAN CITIZENS

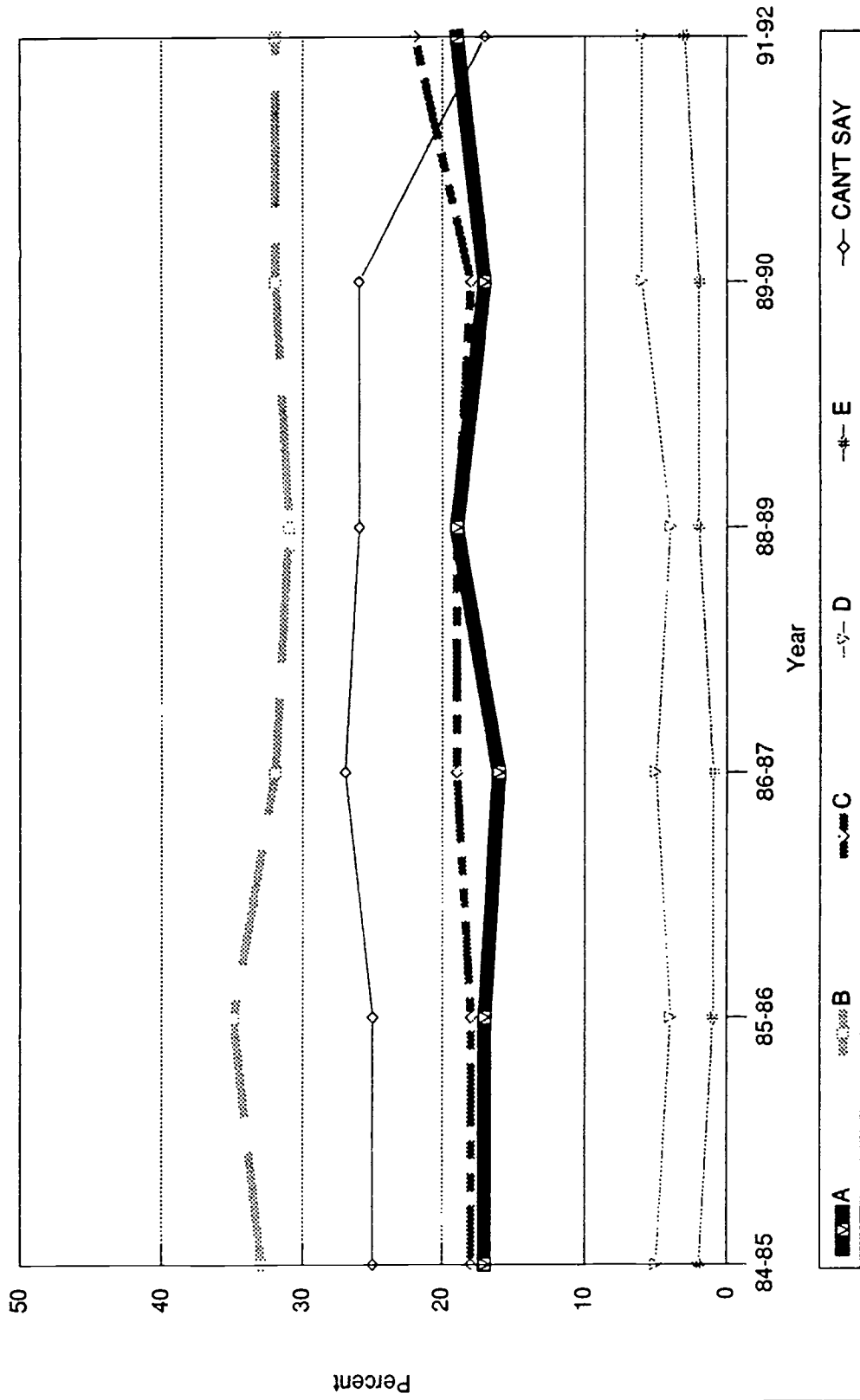
In the 1991-92 school year, 51% of Michigan citizens graded principals in their local public schools with an A or B rating: 19% graded principals with an A; and 32% with a B. Between 1984-85 and 1991-92 the percentage of Michigan

citizens who graded principals in their local public schools with an A or B rating ranged from a peak of 52% in 1985-86 to a low of 48% in 1986-87. Opinions of Michigan citizens were obtained in scientifically-valid public opinion surveys.

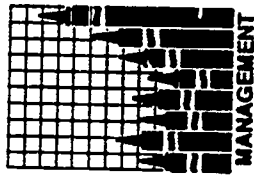
Year	Ratings (%)					CAN'T SAY
	A	B	C	D	E	
1984-85	17	33	18	5	2	25
1985-86	17	35	18	4	1	25
1986-87*	16	32	19	5	1	27
1988-89	19	31	19	4	2	26
1989-90*	17	32	18	6	2	26
1991-92	19	32	22	6	3	17

* There were no public opinion surveys in 1987-88 and 1990-91.

RATINGS OF BUILDING PRINCIPALS BY MICHIGAN CITIZENS



Source: Office of Information, Research and Evaluation Services
Michigan Department of Education
NOTE: There were no public opinion surveys in 1987-88 and 1990-91



RATINGS OF THE SUPERINTENDENT/OTHER TOP ADMINISTRATORS BY MICHIGAN CITIZENS

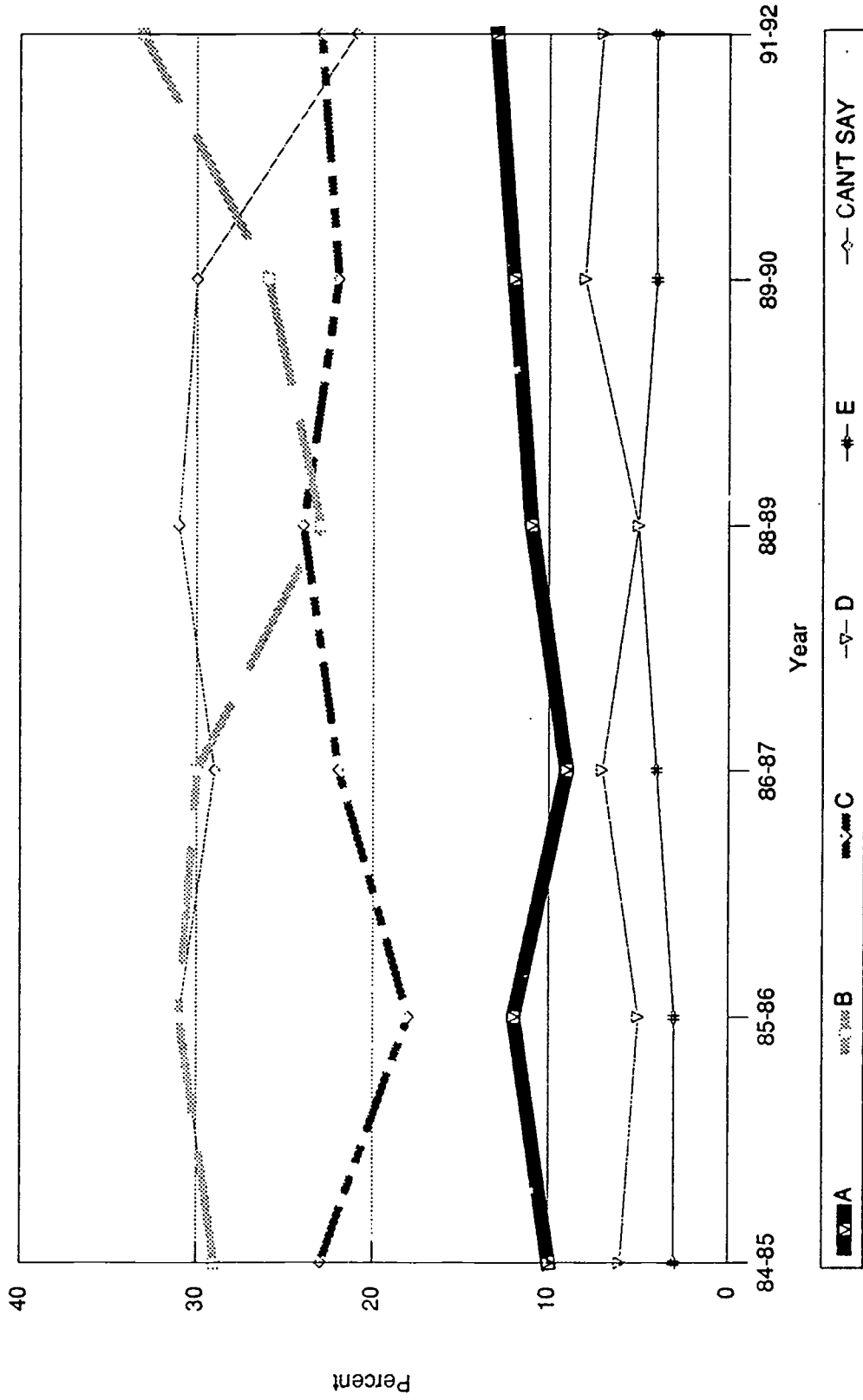
In the 1991-92 school year, 46% of Michigan citizens graded the superintendent and other top administrators in their local public school district with an A or B rating: 13% graded them with an A; and 33% with a B. Between 1984-85 and 1991-92 the percentage of Michigan citizens who graded the

superintendent and other top administrators in their local public school district with an A or B rating ranged from a low of 34% in 1988-89 to a peak of 46% in 1991-92. Opinions of Michigan citizens were obtained in scientifically-valid public opinion surveys.

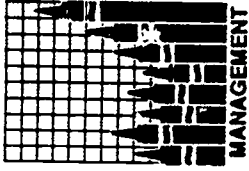
Year	Ratings (%)					CAN'T SAY
	A	B	C	D	E	
1984-85	10	29	23	6	3	29
1985-86	12	31	18	5	3	31
1986-87*	9	30	22	7	4	29
1988-89	11	23	24	5	5	31
1989-90*	12	26	22	8	4	30
1991-92	13	33	23	7	4	21

* There were no public opinion surveys in 1987-88 and 1990-91.

RATINGS OF THE SUPERINTENDENT/OTHER TOP ADMINISTRATORS BY MICHIGAN CITIZENS



Source: Office of Information, Research and Evaluation Services
Michigan Department of Education
NOTE: There were no public opinion surveys in 1987-88 and 1990-91



RATINGS OF THE BOARD OF EDUCATION BY MICHIGAN CITIZENS

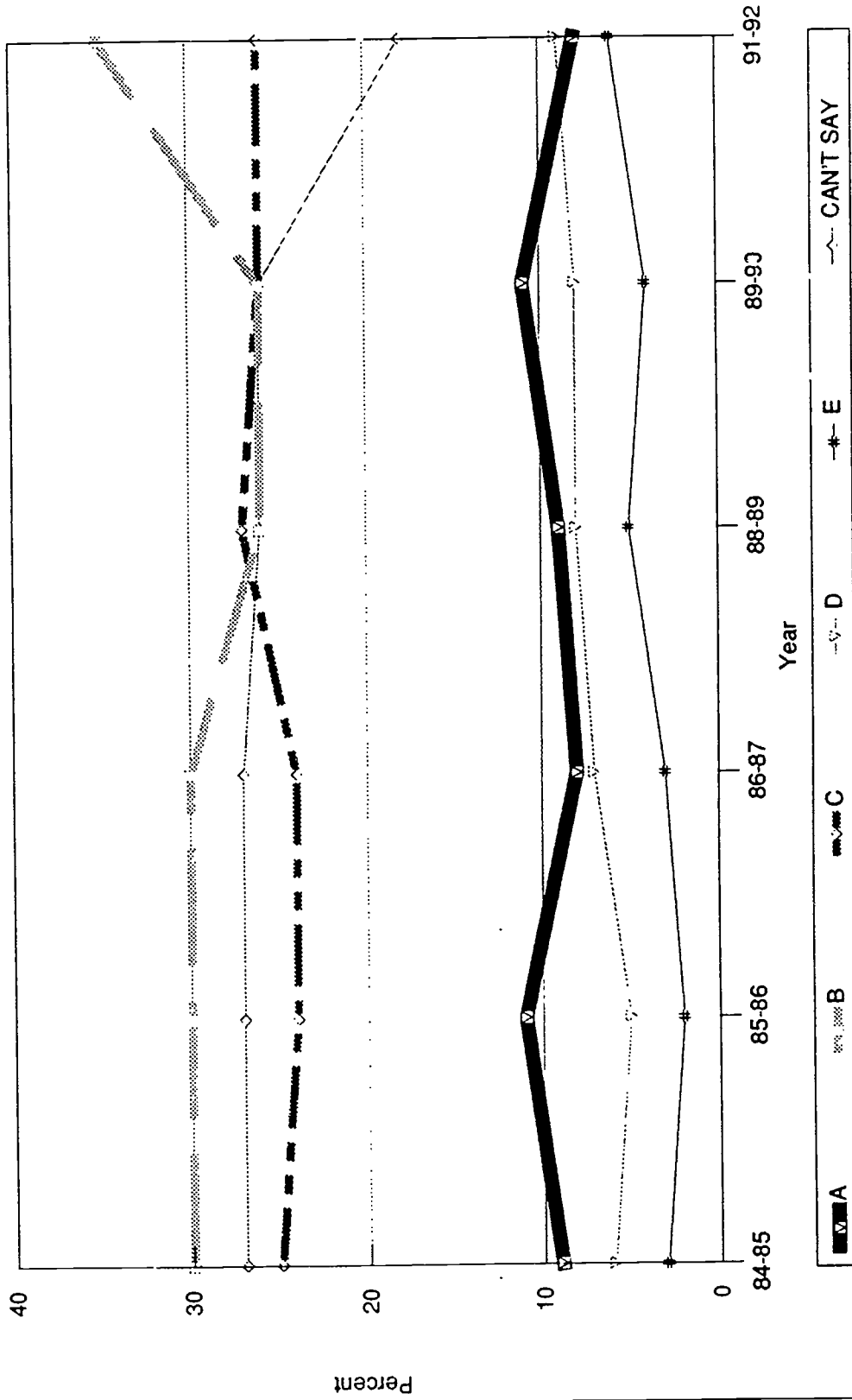
In the 1991-92 school year, 43% of Michigan citizens graded their local school board with an A or B rating; 8% graded the school board with an A; and 35% with a B. Between 1984-85 and 1991-92 the percentage of Michigan citizens who

graded their local school board with an A or B rating ranged from a low of 35% in 1988-89 to a peak of 43% in 1991-92. Opinions of Michigan citizens were obtained in scientifically-valid public opinion surveys.

Year	Ratings (%)					CAN'T SAY
	A	B	C	D	E	
1984-85	9	30	25	6	3	27
1985-86	11	30	24	5	2	27
1986-87*	8	30	24	7	3	27
1988-89	9	26	27	8	5	26
1989-90*	11	26	26	8	4	26
1991-92	8	35	26	9	6	18

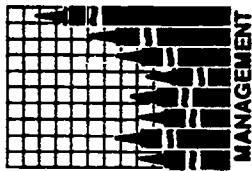
* There were no public opinion surveys in 1987-88 and 1990-91.

RATINGS OF THE BOARD OF EDUCATION BY MICHIGAN CITIZENS



Source: Office of Information, Research and Evaluation Services
Michigan Department of Education
NOTE: There were no public opinion surveys in 1987-88 and 1990-91



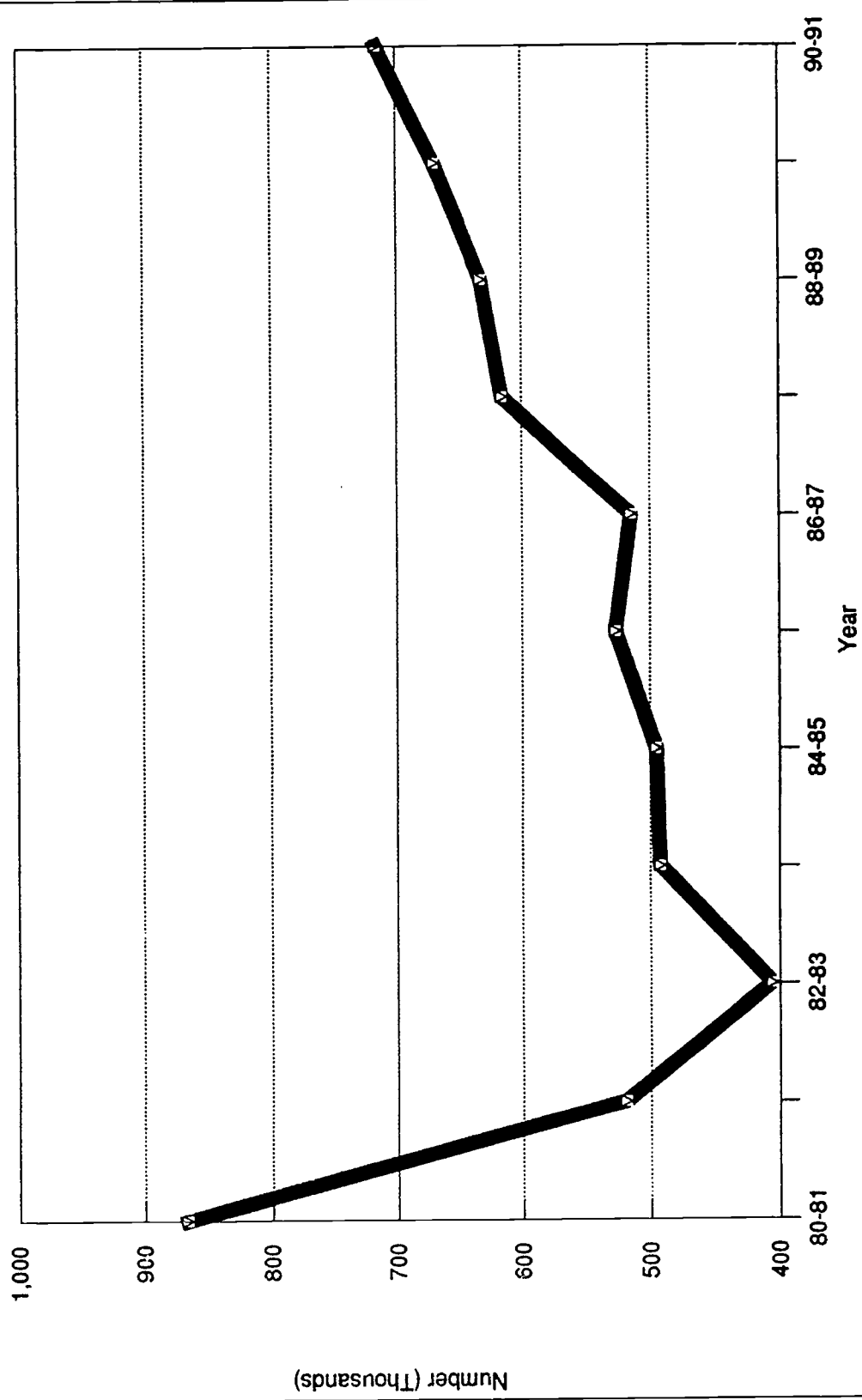


NUMBER OF PAID SCHOOL BREAKFASTS SERVED IN MICHIGAN

The approximate number of paid school breakfasts served in Michigan was 716,000 in the 1990-91 fiscal year. The number of paid breakfasts ranged from a peak of about 867,000 in 1980-81 to a low of about 406,000 in 1982-83 between 1980-81 and 1990-91.

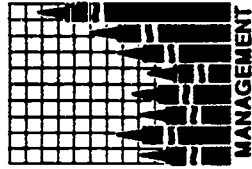
Fiscal Year	Number (Thousands)	Change from Previous Year	
		Number	Percent
1980-81	867		
1981-82	519	-348	-40.1
1982-83	406	-113	-21.8
1983-84	493	87	21.4
1984-85	496	3	.6
1985-86	527	31	6.3
1986-87	515	-12	-2.3
1987-88	616	101	19.6
1988-89	633	17	2.8
1989-90	670	37	5.8
1990-91	716	46	6.9

NUMBER OF PAID SCHOOL BREAKFASTS SERVED IN MICHIGAN



Source: School Management Services
Michigan Department of Education



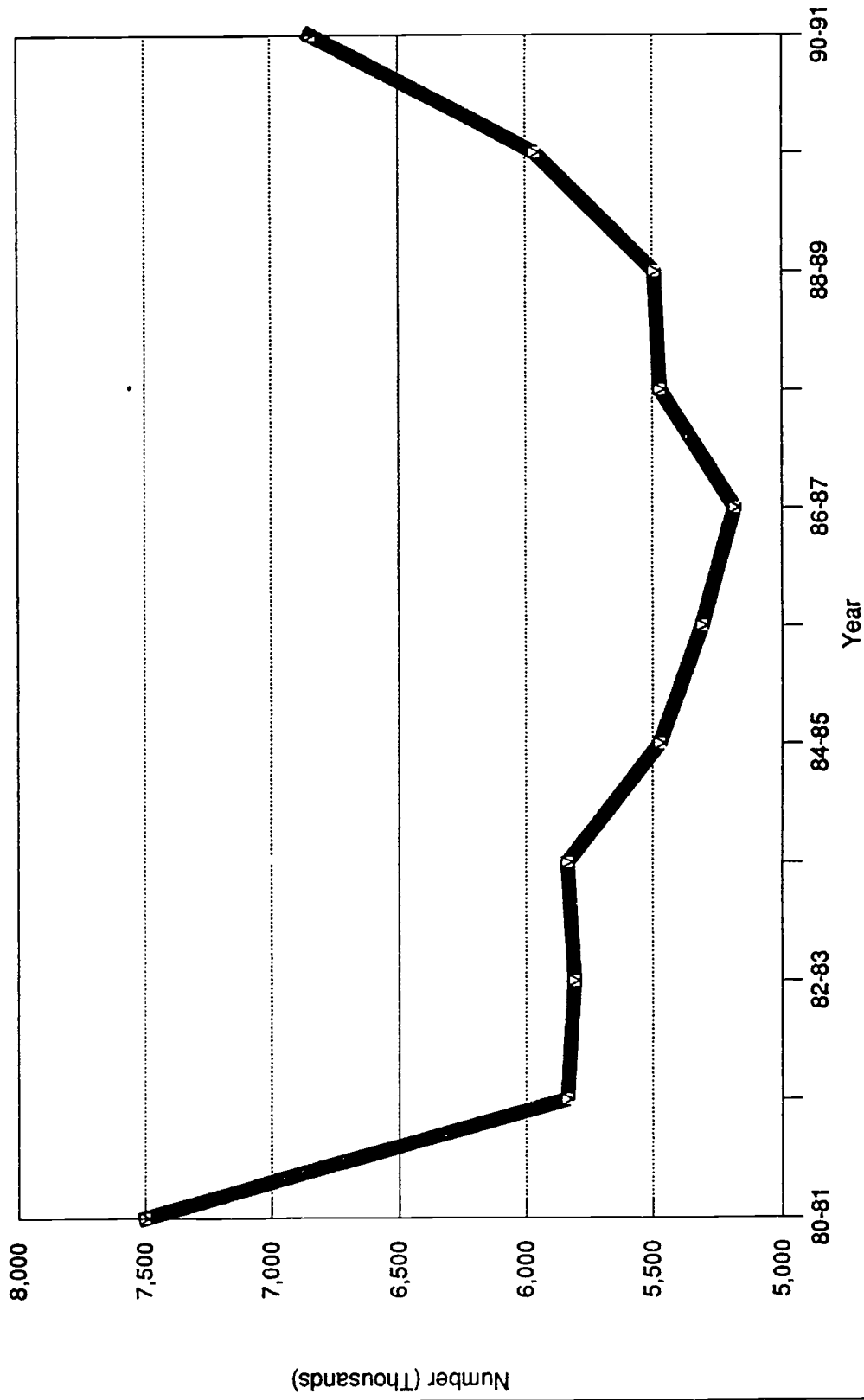


NUMBER OF FREE SCHOOL BREAKFASTS SERVED IN MICHIGAN

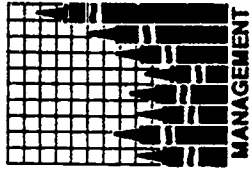
The approximate number of free school breakfasts served in Michigan was 6,844,000 in the 1990-91 fiscal year. The number of free breakfasts ranged from a peak of about 7,504,000 in 1980-81 to a low of about 5,182,000 in 1986-87 between 1980-81 and 1990-91.

<i>Fiscal Year</i>	<i>Number (Thousands)</i>	<i>Change from Previous Year Number</i>	<i>Percent</i>
1980-81	7,504		
1981-82	5,839	-1,665	-22.2
1982-83	5,810	-29	-.5
1983-84	5,839	29	.5
1984-85	5,472	-367	-6.3
1985-86	5,309	-163	-3.0
1986-87	5,182	-127	-2.4
1987-88	5,472	290	5.6
1988-89	5,495	23	.4
1989-90	5,966	471	8.6
1990-91	6,844	878	14.7

NUMBER OF FREE SCHOOL BREAKFASTS SERVED IN MICHIGAN



Source: School Management Services
Michigan Department of Education



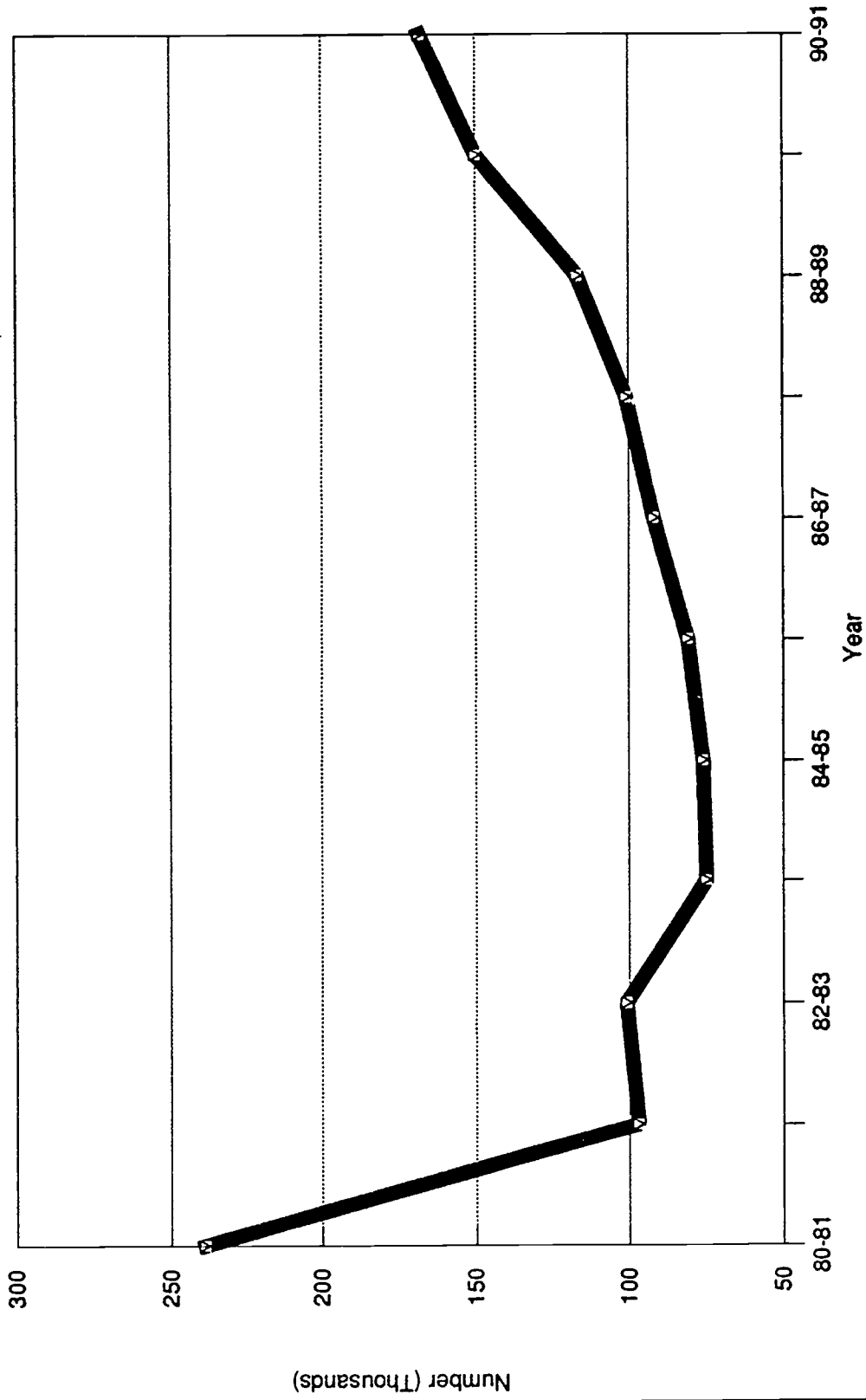
NUMBER OF REDUCED PRICE SCHOOL BREAKFASTS SERVED IN MICHIGAN

The approximate number of reduced price school breakfasts served in Michigan was 168,000 in the 1990-91 fiscal year. The number of reduced price breakfasts ranged from a peak of

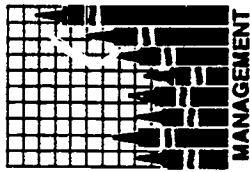
about 239,000 in 1980-81 to a low of about 75,000 in 1983-84 between 1980-81 and 1990-91.

Fiscal Year	Number (Thousands)	Change from Previous Year	
		Number	Percent
1980-81	239		
1981-82	97	-142	-59.4
1982-83	101	4	4.1
1983-84	75	-26	-25.7
1984-85	76	1	1.3
1985-86	81	5	6.6
1986-87	92	11	13.6
1987-88	101	9	9.8
1988-89	117	16	15.8
1989-90	150	33	28.2
1990-91	168	18	12.0

NUMBER OF REDUCED PRICE SCHOOL BREAKFASTS SERVED IN MICHIGAN



Source: School Management Services
Michigan Department of Education

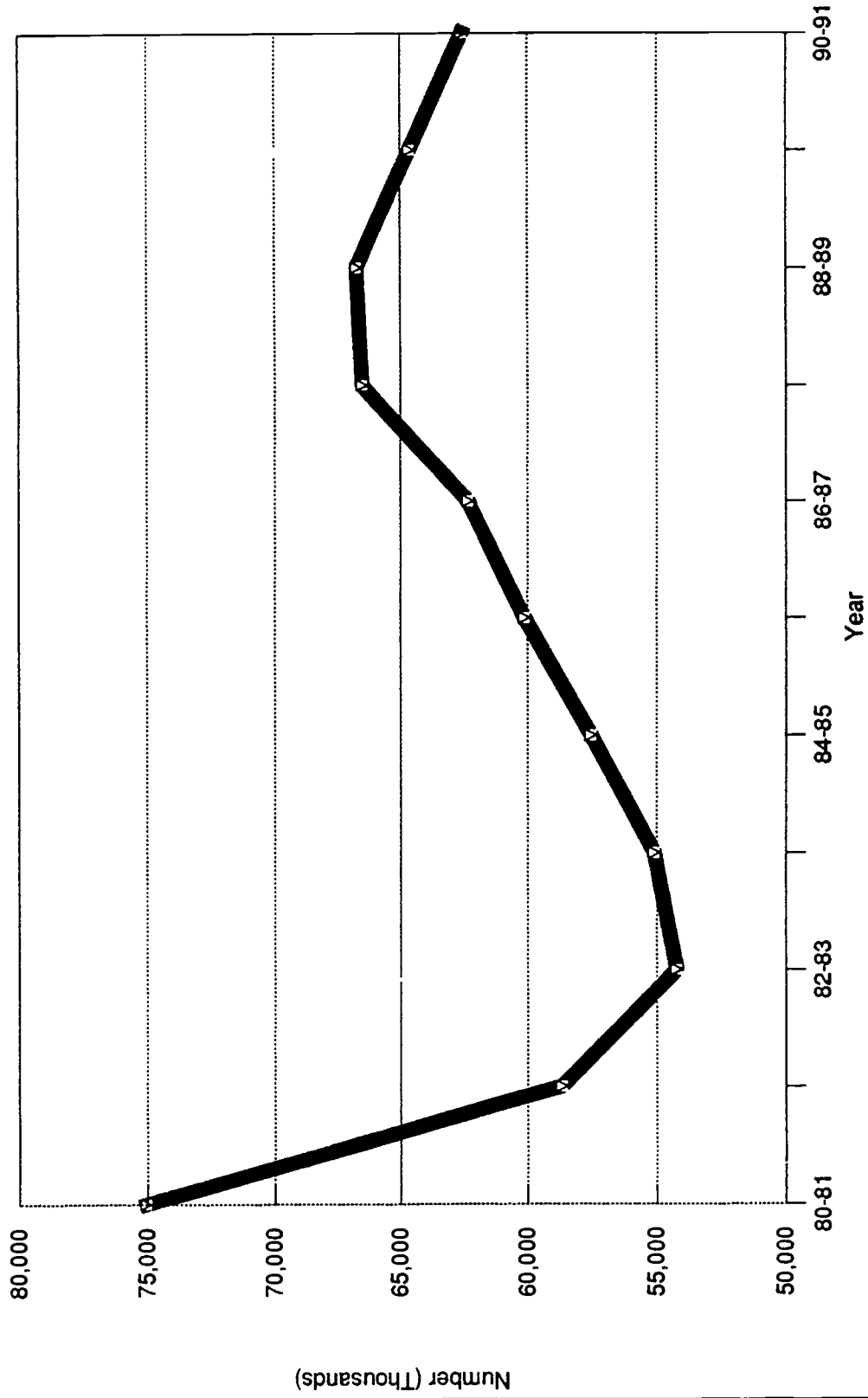


NUMBER OF PAID SCHOOL LUNCHESES SERVED IN MICHIGAN

The approximate number of paid school lunches served in Michigan was 62,602,000 in the 1990-91 fiscal year. The number of paid lunches ranged from a peak of about 75,079,000 in 1980-81 to a low of about 54,251,000 in 1982-83 between 1980-81 and 1990-91.

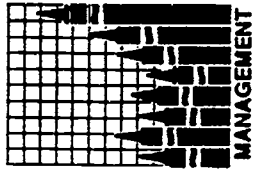
Fiscal Year	Number (Thousands)	Change from Previous Year Number	Percent
1980-81	75,079		
1981-82	58,689	-16,390	-21.8
1982-83	54,251	-4,438	-7.6
1983-84	55,116	865	1.6
1984-85	57,560	2,444	4.4
1985-86	60,143	2,583	4.5
1986-87	62,356	2,213	3.7
1987-88	66,538	4,182	6.7
1988-89	66,752	214	.3
1989-90	64,660	-2,092	-3.1
1990-91	62,602	-2,058	-3.2

NUMBER OF PAID SCHOOL LUNCHESES SERVED IN MICHIGAN



Source: School Management Services
Michigan Department of Education





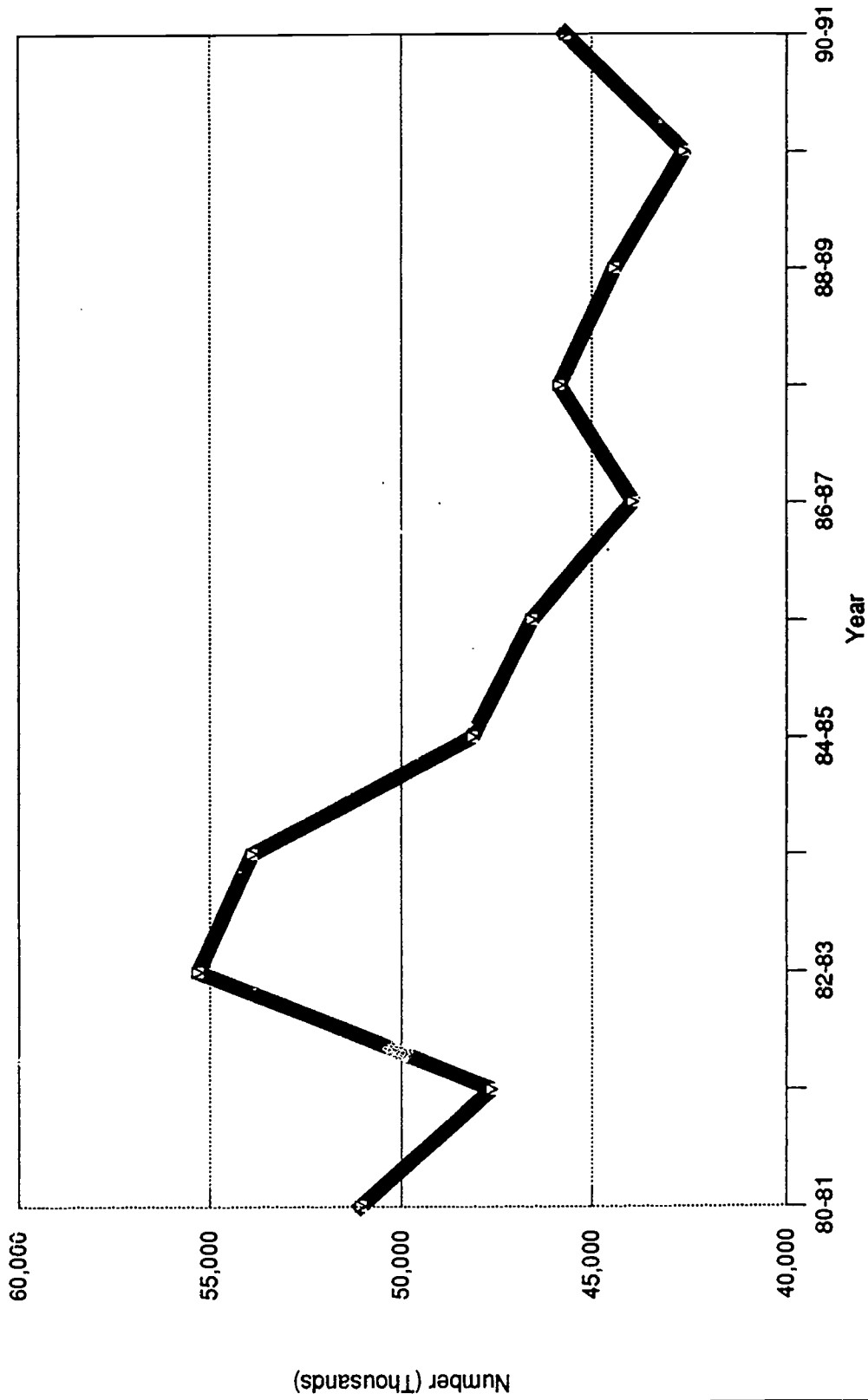
NUMBER OF FREE SCHOOL LUNCHES SERVED IN MICHIGAN

The approximate number of free school lunches served in Michigan was 45,688,000 in the 1990-91 fiscal year. The number of free lunches ranged from a peak of about

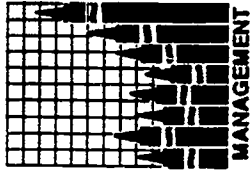
55,317,000 in 1982-83 to a low of about 42,650,000 in 1989-90 between 1980-81 and 1990-91.

Fiscal Year	Number (Thousands)	Change from Previous Year	
		Number	Percent
1980-81	51,060		
1981-82	47,629	-3,431	-6.7
1982-83	55,317	7,688	16.1
1983-84	53,905	-1,412	-2.6
1984-85	48,132	-5,773	-10.7
1985-86	46,564	-1,568	-3.3
1986-87	43,950	-2,614	-5.6
1987-88	45,841	1,891	4.3
1988-89	44,421	-1,420	-3.1
1989-90	42,650	-1,771	-4.0
1990-91	45,688	3,038	7.1

NUMBER OF FREE SCHOOL LUNCHES SERVED IN MICHIGAN



Source: School Management Services
Michigan Department of Education



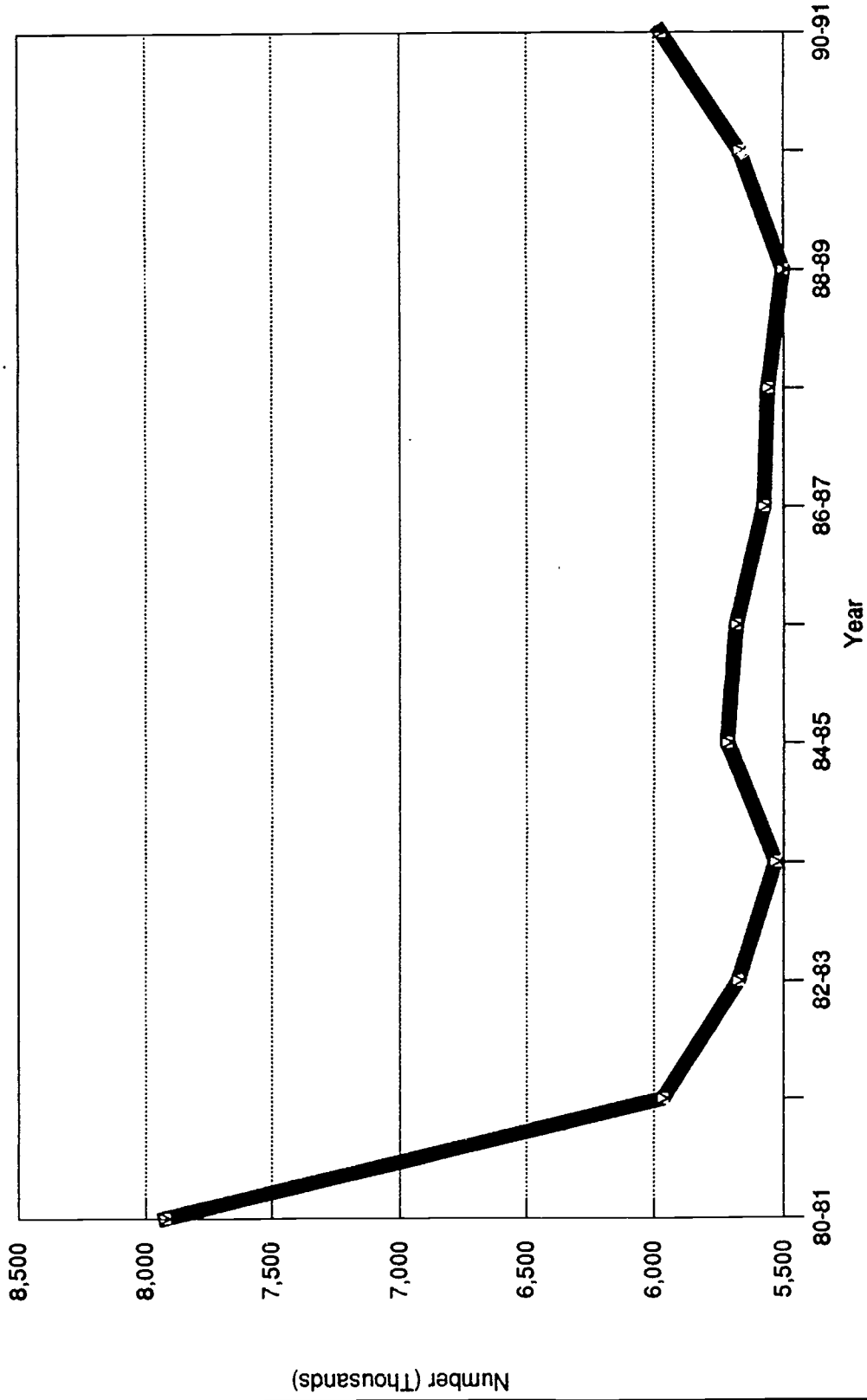
NUMBER OF REDUCED PRICE SCHOOL LUNCHES SERVED IN MICHIGAN

The approximate number of reduced price school lunches served in Michigan was 5,974,000 in the 1990-91 fiscal year. The number of reduced price lunches ranged from a peak of

about 7,924,000 in 1980-81 to a low of about 5,504,000 in 1988-89 between 1980-81 and 1990-91.

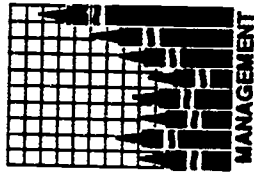
Fiscal Year	Number (Thousands)	Change from Previous Year	
		Number	Percent
1980-81	7,924		
1981-82	5,967	-1,957	-24.7
1982-83	5,674	-293	-4.9
1983-84	5,531	-143	-2.5
1984-85	5,717	186	3.4
1985-86	5,684	-33	-.6
1986-87	5,576	-108	-1.9
1987-88	5,562	-14	-.3
1988-89	5,504	-58	-1.0
1989-90	5,669	165	3.0
1990-91	5,974	305	5.4

NUMBER OF REDUCED PRICE SCHOOL LUNCHES SERVED IN MICHIGAN



Source: School Management Services
Michigan Department of Education





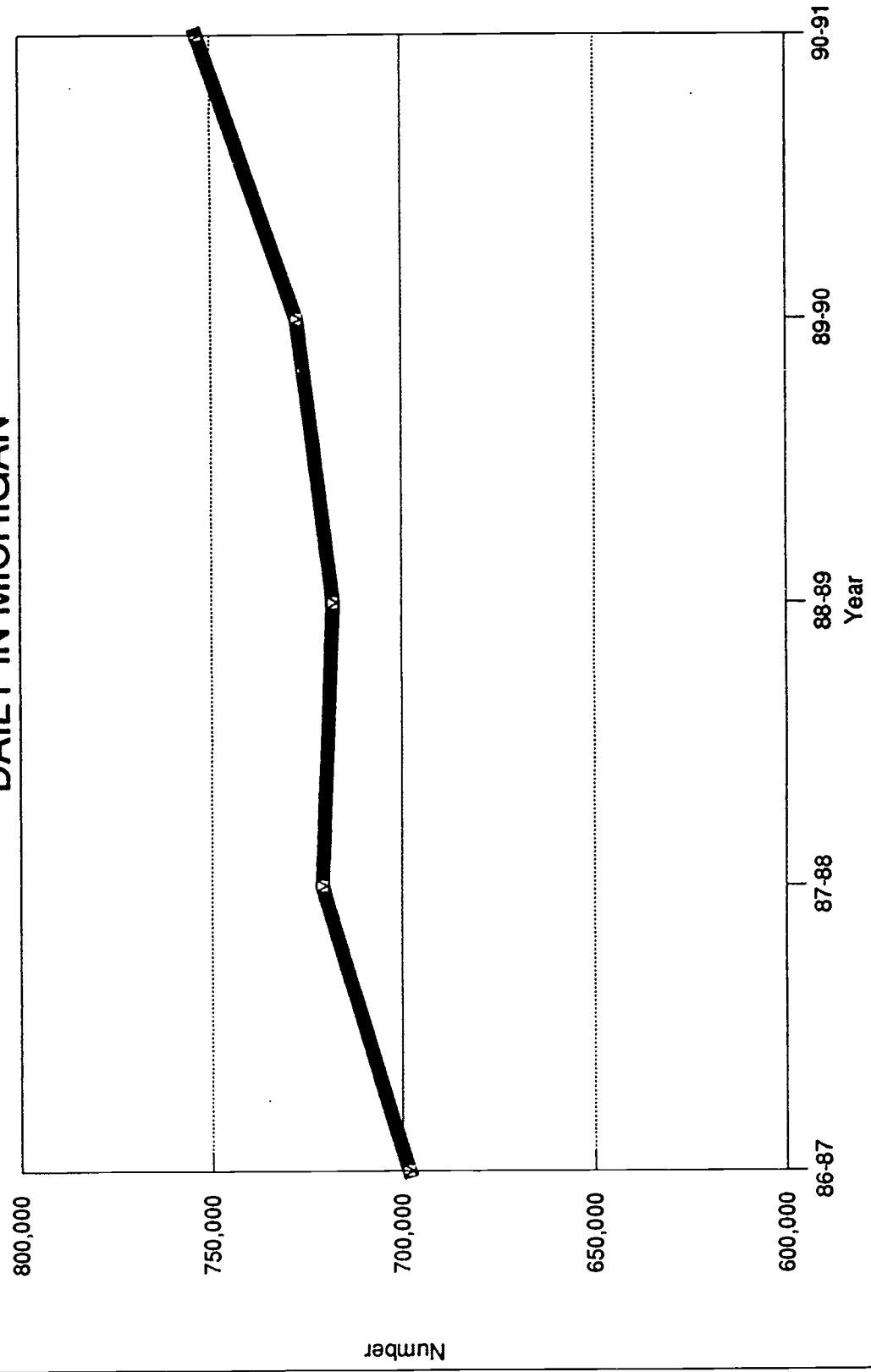
AVERAGE NUMBER OF SCHOLASTIC MILES LOGGED IN TRANSPORTING REGULAR EDUCATION STUDENTS DAILY IN MICHIGAN

The average number of scholastic miles logged in transporting regular education students daily in Michigan ranged from a low

of 698,420 miles in 1986-87 to a peak of 753,757 miles in 1990-91 between 1986-87 and 1990-91.

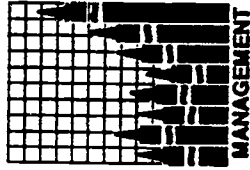
Year	Number	Change from Previous Year	
		Number	Percent
1986-87	698,420		
1987-88	721,038	22,618	3.2
1988-89	718,118	-2920	-.4
1989-90	727,559	9441	1.3
1990-91	753,757	26,198	3.6

AVERAGE NUMBER OF SCHOLASTIC MILES LOGGED IN TRANSPORTING REGULAR EDUCATION STUDENTS DAILY IN MICHIGAN



Source: School Management Services
Michigan Department of Education



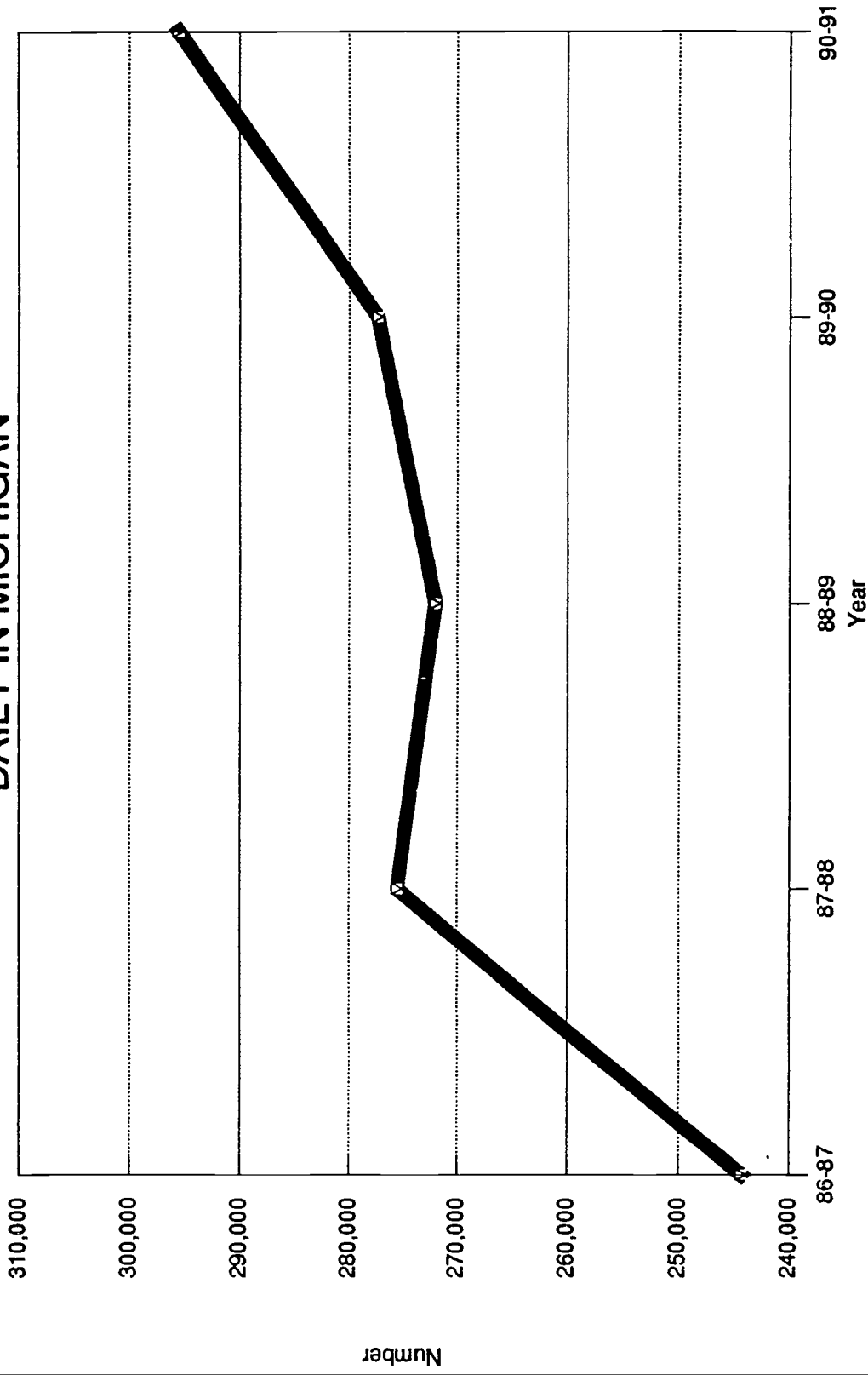


AVERAGE NUMBER OF SCHOLASTIC MILES LOGGED IN TRANSPORTING SPECIAL EDUCATION STUDENTS DAILY IN MICHIGAN

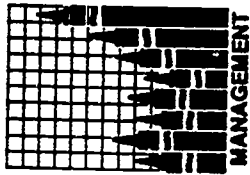
The average number of scholastic miles logged in transporting special education students daily in Michigan ranged from a low of 244,320 miles in 1986-87 to a peak of 295,516 miles in 1990-91.

Year	Number	Change from Previous Year	
		Number	Percent
1986-87	244,320		
1987-88	275,535	31,215	12.8
1988-89	272,062	-3,473	-1.3
1989-90	277,374	5,312	2.0
1990-91	295,516	18,142	6.5

AVERAGE NUMBER OF SCHOLASTIC MILES LOGGED IN TRANSPORTING SPECIAL EDUCATION STUDENTS DAILY IN MICHIGAN



Source: School Management Services
Michigan Department of Education



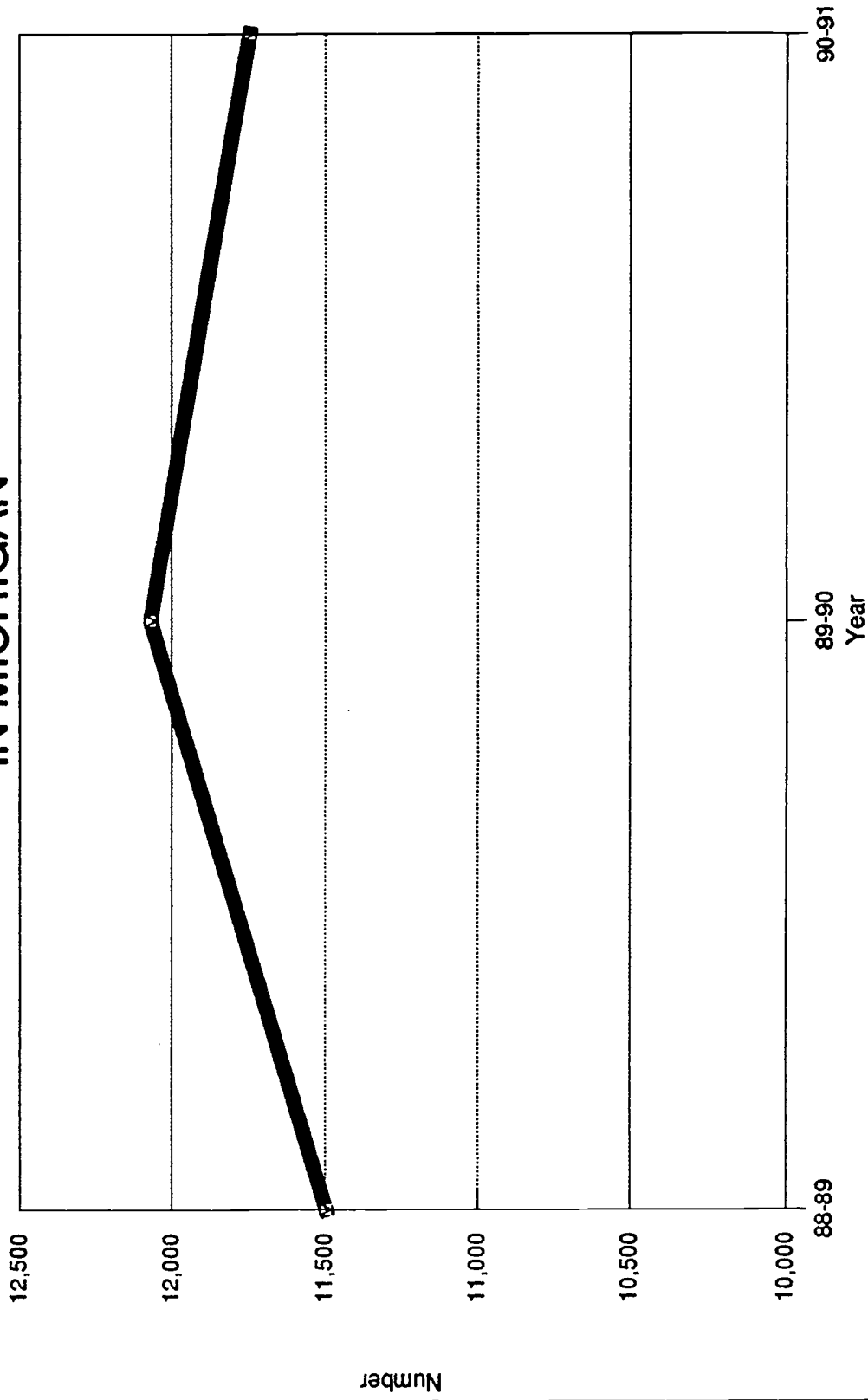
NUMBER OF REGULAR EDUCATION BUSES USED BY PUBLIC SCHOOL DISTRICTS IN MICHIGAN

The total number of regular education buses used by public school districts in Michigan ranged from a low of 11,499 in

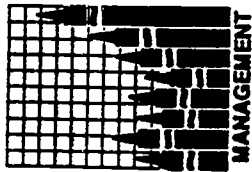
1988-89 to a peak of 12,071 in 1989-90 between 1988-89 and 1990-91.

Year	Number	Change from Previous Year	
		Number	Percent
1988-89	11,499		
1989-90	12,071	572	5.0
1990-91	11,747	-324	-2.7

NUMBER OF REGULAR EDUCATION BUSES USED BY PUBLIC SCHOOL DISTRICTS IN MICHIGAN



Source: School Management Services
Michigan Department of Education



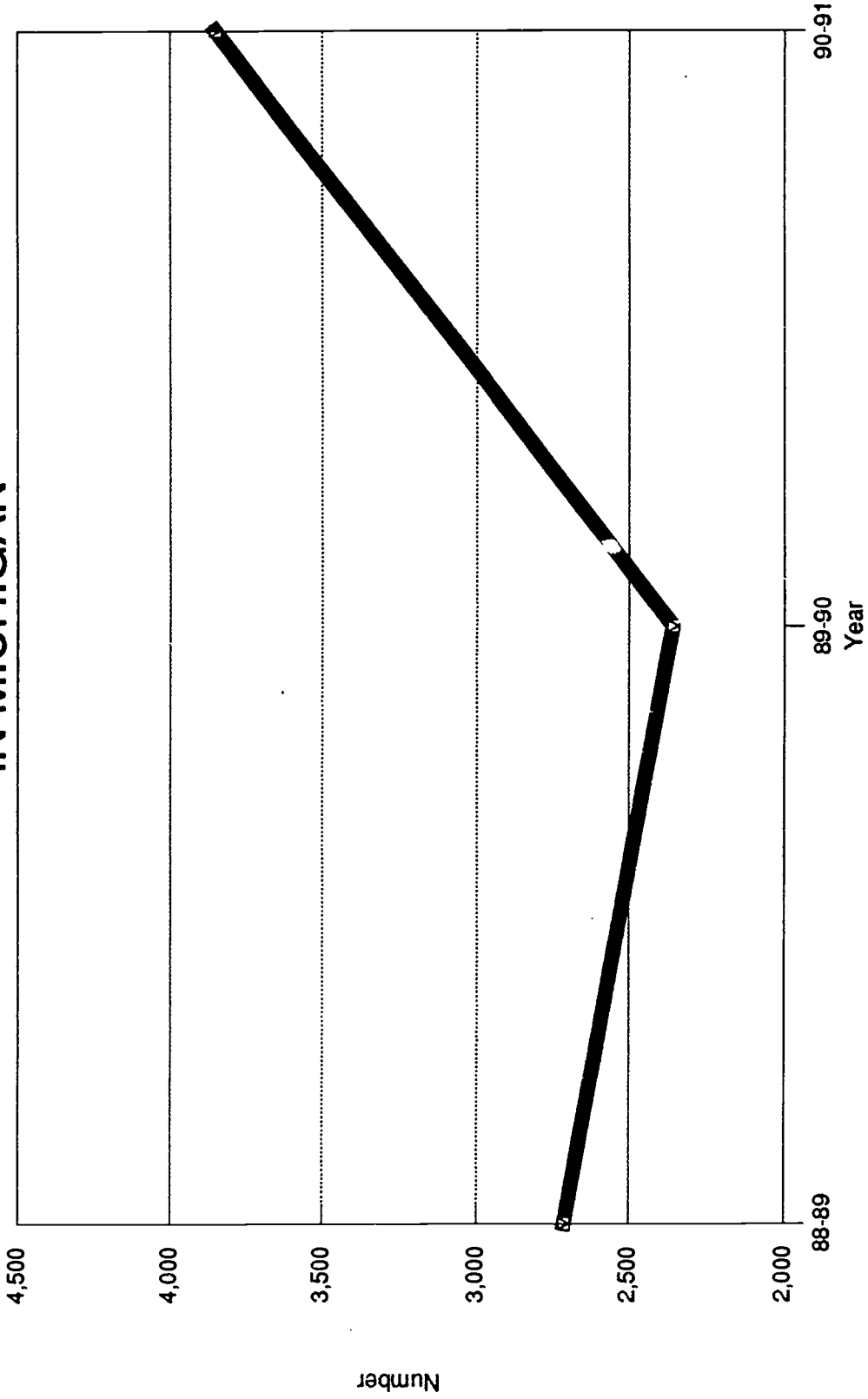
NUMBER OF SPECIAL EDUCATION BUSES USED BY PUBLIC SCHOOL DISTRICTS IN MICHIGAN

The total number of special education buses used by public school districts in Michigan ranged from a low of 2,357 in

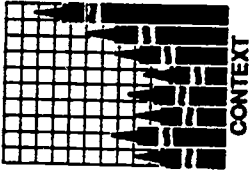
1989-90 to a peak of 3,852 in 1990-91 between 1988-89 and 1990-91.

Year	Number	Change from Previous Year	
		Number	Percent
1988-89	2,712		
1989-90	2,357	-355	-13.1
1990-91	3,852	1,495	63.4

NUMBER OF SPECIAL EDUCATION BUSES USED BY PUBLIC SCHOOL DISTRICTS IN MICHIGAN



Source: School Management Services
Michigan Department of Education



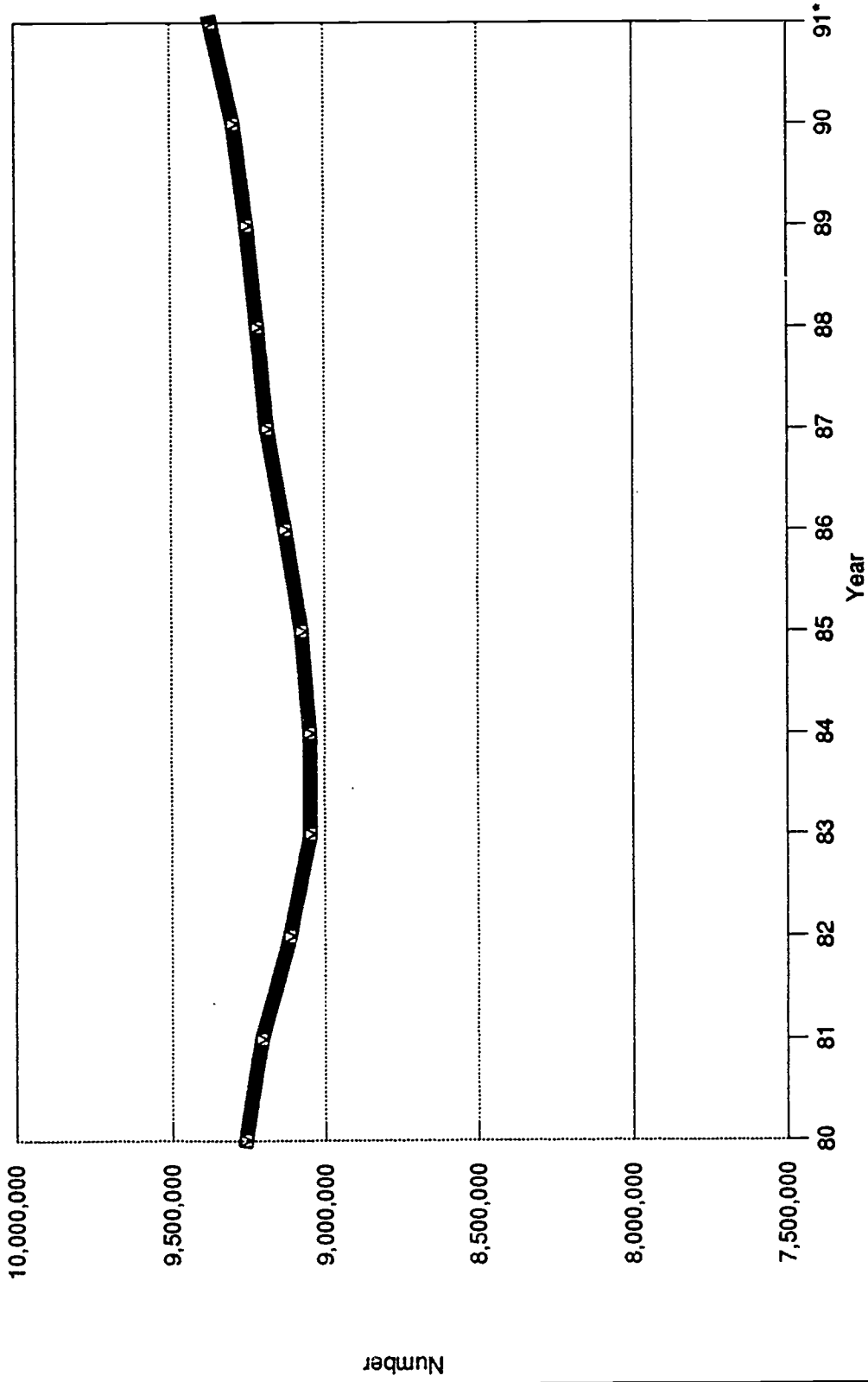
POPULATION IN MICHIGAN

The Michigan population in 1991 was 9,368,000. The population in Michigan ranged from a low of 9,048,000 in 1983 to a peak of 9,368,000 in 1991 between 1980 and 1991.

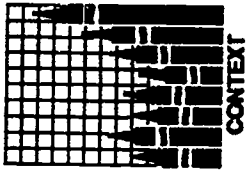
<i>Calendar Year</i>	<i>Number</i>
1980	9,262,044
1981	9,209,000
1982	9,115,000
1983	9,048,000
1984	9,050,000
1985	9,077,000
1986	9,129,000
1987	9,189,000
1988	9,219,000
1989	9,253,000
1990	9,295,297
1991*	9,368,000

*Provisional

POPULATION IN MICHIGAN



Source: Demographic Research and Statistics Unit
Michigan Department of Management and Budget
* Provisional



GENERAL FERTILITY RATES IN MICHIGAN

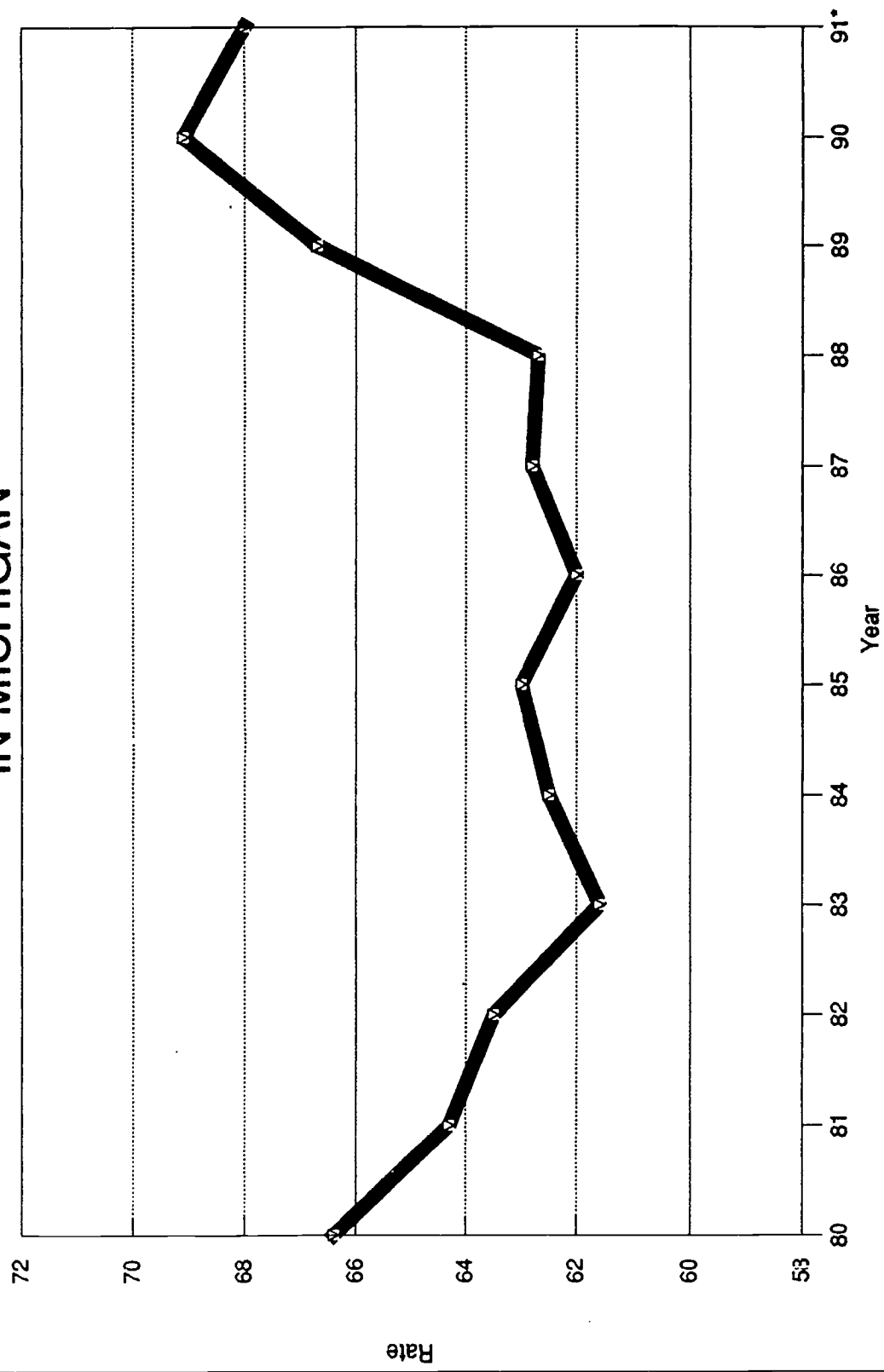
General fertility rate is the number of live births per 1,000 women in the 15-44 age group. Michigan's general fertility rate was 68.1 in 1991. The general fertility rate in Michigan

ranged from a low of 61.6 in 1983 to a peak of 69.1 in 1990 between 1980 and 1991.

Calendar Year	General Fertility Rate
1980	66.4
1981	64.3
1982	63.5
1983	61.6
1984	62.5
1985	63.0
1986	62.0
1987	62.7
1988	62.7
1989	66.7
1990	69.1
1991*	68.1

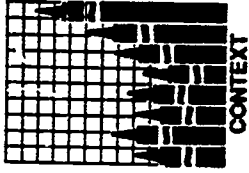
* Provisional

GENERAL FERTILITY RATES IN MICHIGAN



Source: Demographic Research and Statistics Unit
Michigan Department of Management and Budget
• Provisional





NUMBER OF LIVE BIRTHS IN MICHIGAN

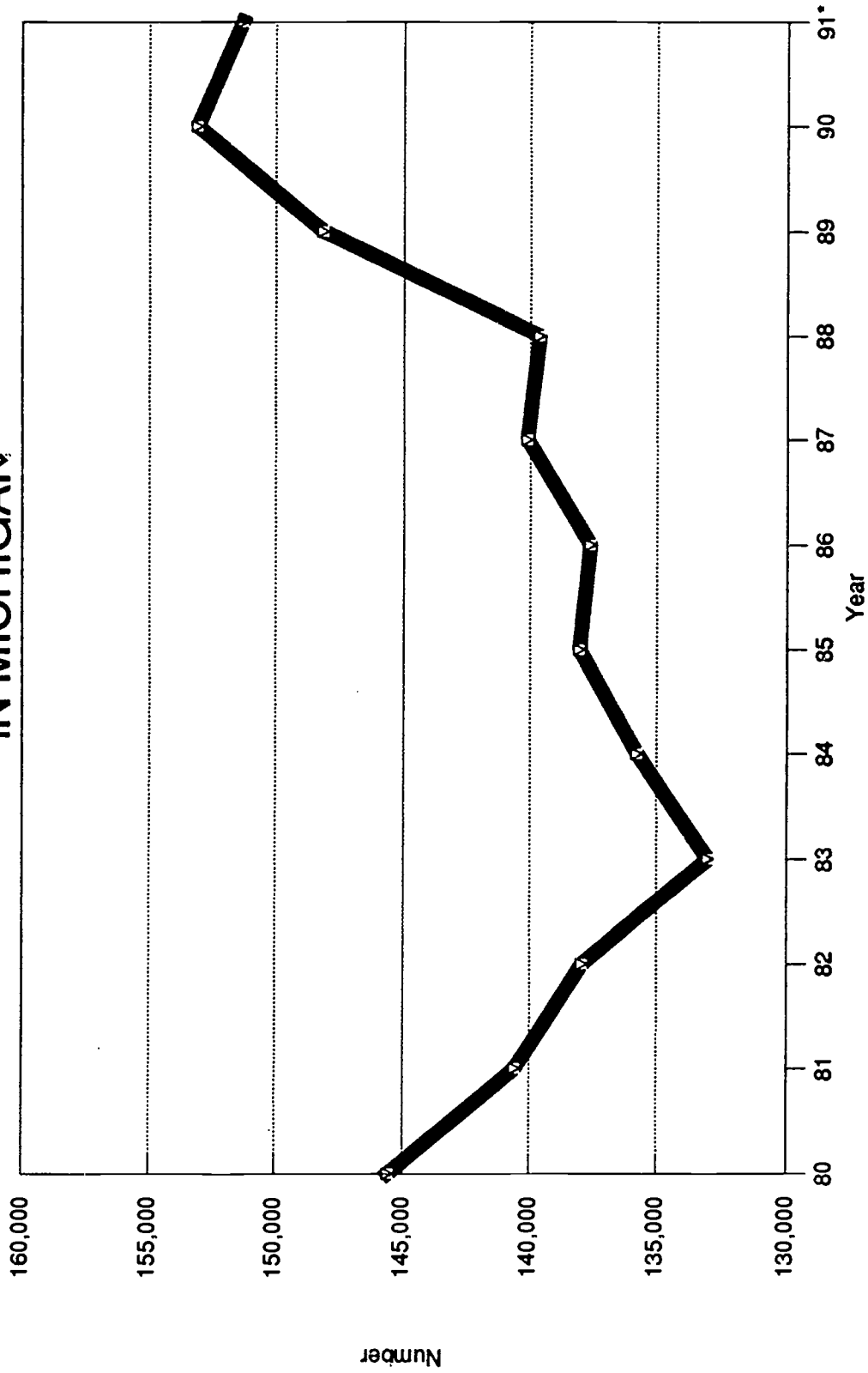
The total number of live births in Michigan in 1991 was 151,300. The number of live births ranged from a low of

133,026 in 1983 to a peak of 153,080 in 1990 between 1980 and 1991.

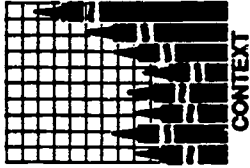
<i>Calendar Year</i>	<i>Number</i>
1980	145,563
1981	140,579
1982	137,950
1983	133,026
1984	135,782
1985	138,052
1986	137,626
1987	140,130
1988	139,635
1989	148,164
1990	153,080
1991*	151,300

**Estimated*

NUMBER OF LIVE BIRTHS IN MICHIGAN



Source: Demographic Research and Statistics Unit
Michigan Department of Management and Budget
* Estimated

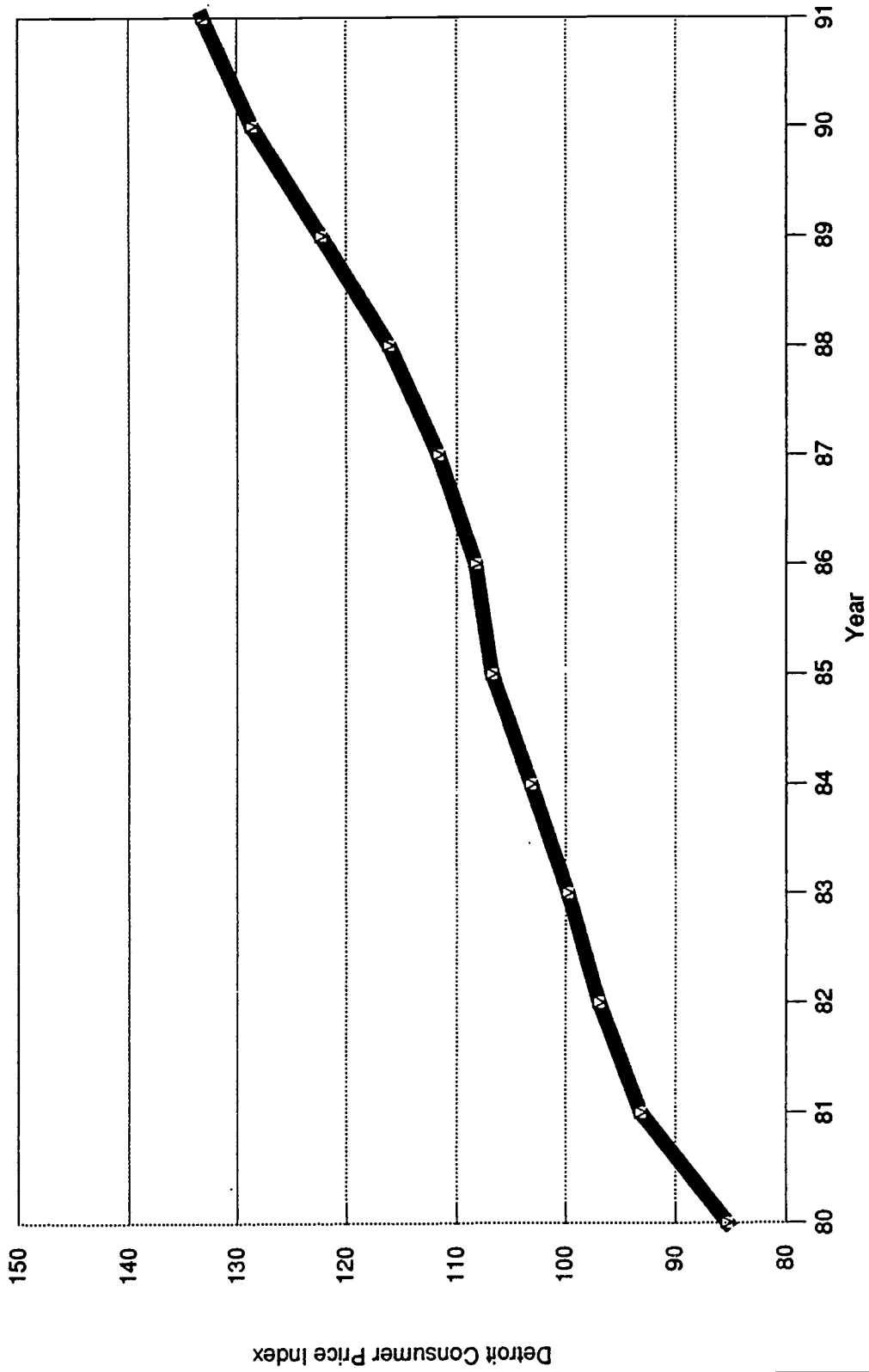


MICHIGAN CONSUMER PRICE INDEX

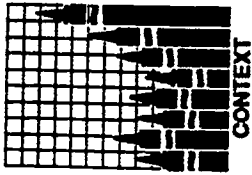
Michigan (Detroit) Consumer Price Index increased from 85.3 in 1980 to 133.2 in 1991. In 1991 the Consumer Price Index increased by 3.5% from the previous year.

Calendar Year	Michigan Consumer Price Index	Percent Change from Previous Year
1980	85.3	
1981	93.2	9.3
1982	97.0	4.1
1983	99.8	2.9
1984	103.2	3.4
1985	106.8	3.5
1986	108.3	1.4
1987	111.7	3.1
1988	116.1	3.9
1989	122.3	5.3
1990	128.7	5.2
1991	133.2	3.5

MICHIGAN CONSUMER PRICE INDEX



Source: Public Sector Consultants, Inc.
Lansing, Michigan

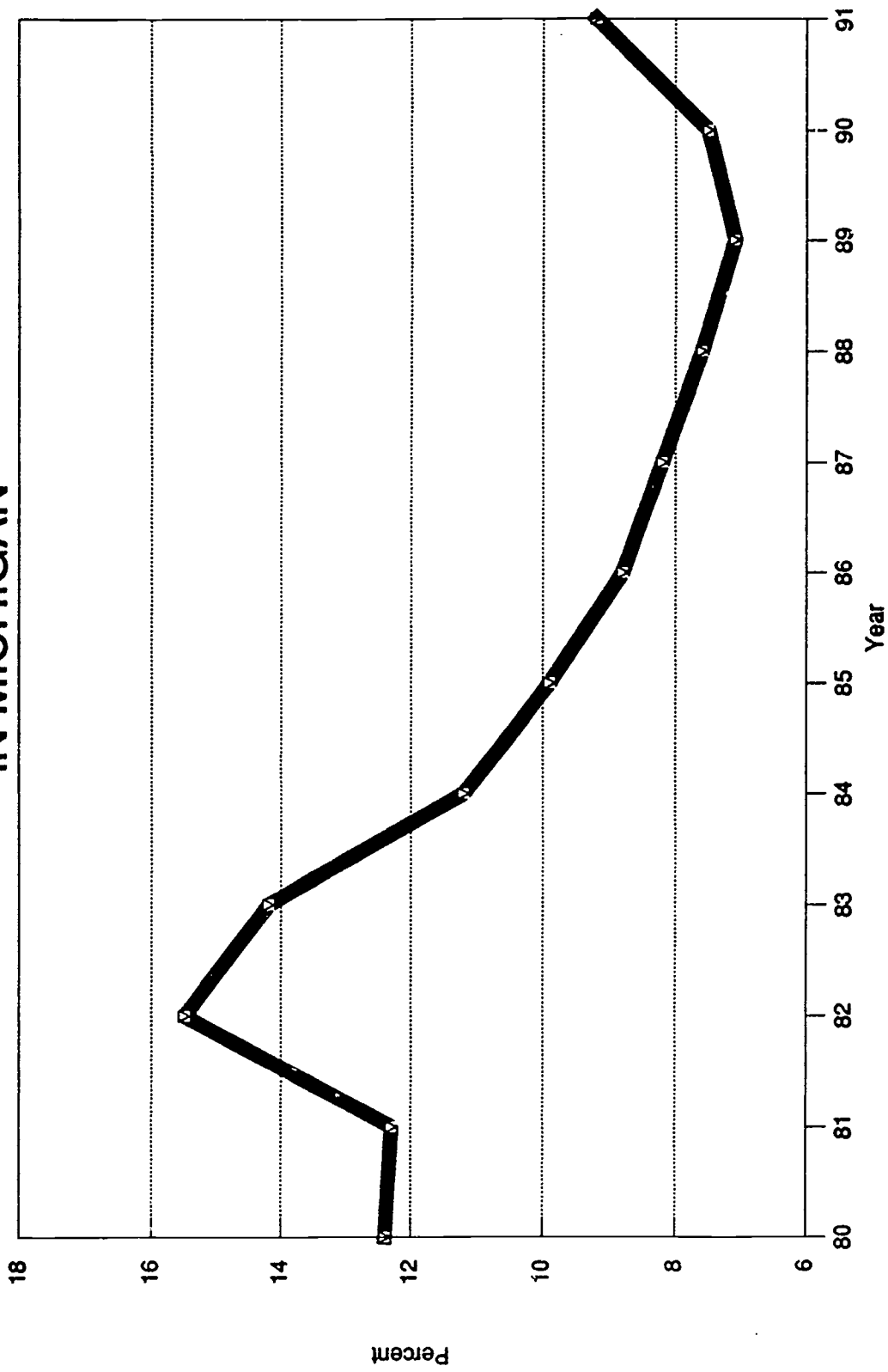


UNEMPLOYMENT RATES IN MICHIGAN

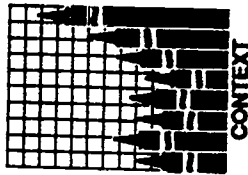
Michigan's unemployment rate was 9.2% in 1991. The unemployment rate in Michigan ranged from a peak of 15.5% in 1982 to a low of 7.1% in 1989 between 1980 and 1991.

<i>Calendar Year</i>	<i>Unemployment Rate (Percent)</i>
1980	12.4
1981	12.3
1982	15.5
1983	14.2
1984	11.2
1985	9.9
1986	8.8
1987	8.2
1988	7.6
1989	7.1
1990	7.5
1991	9.2

UNEMPLOYMENT RATES IN MICHIGAN



Source: Michigan Employment Security Commission



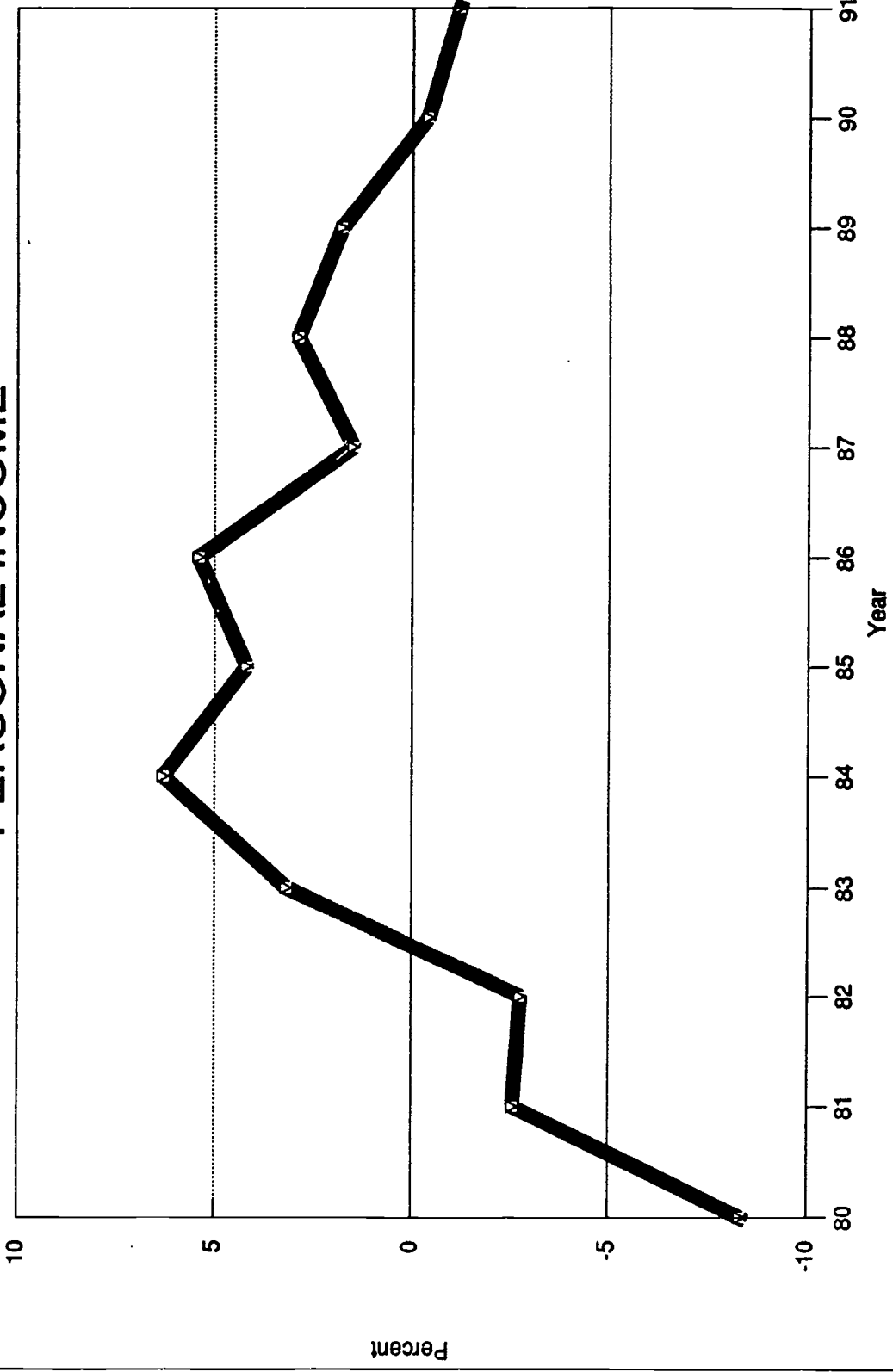
PERCENT CHANGE IN REAL MICHIGAN PERSONAL INCOME

During the period between 1980 and 1991, the percent change in real Michigan personal income from the previous year ranged from a decrease of 8.3% in 1980 to an increase of

6.3% in 1984. In 1991 real Michigan personal income decreased by 1.2% from the previous year.

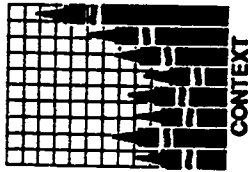
<i>Calendar Year</i>	<i>Percent Change from Previous Year</i>
1980	-8.3
1981	-2.6
1982	-2.8
1983	3.2
1984	6.3
1985	4.2
1986	5.4
1987	1.5
1988	2.9
1989	1.8
1990	-.4
1991	-1.2

PERCENT CHANGE IN REAL MICHIGAN PERSONAL INCOME



Source: Public Sector Consultants, Inc.
Lansing, Michigan





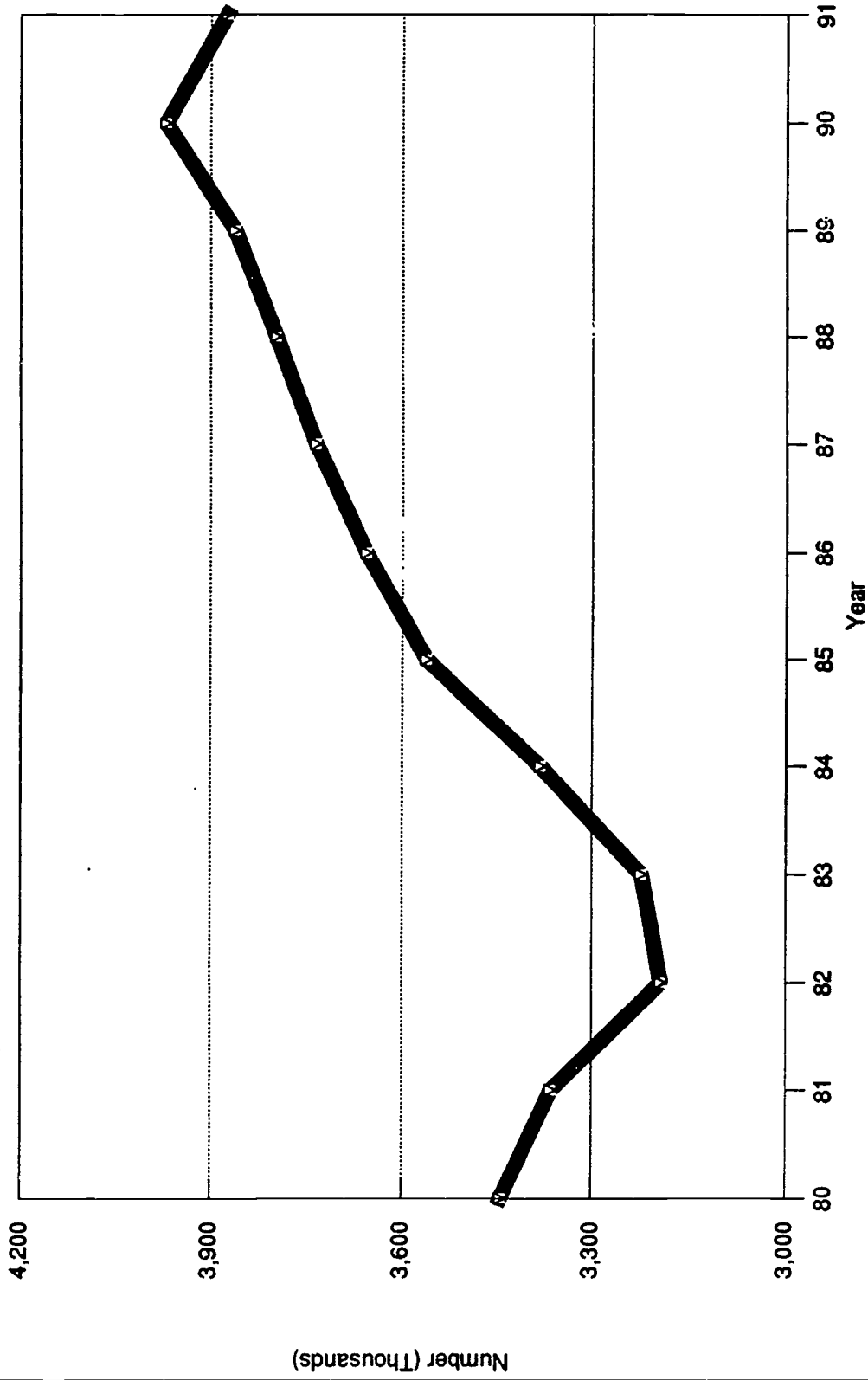
MICHIGAN WAGE AND SALARY EMPLOYMENT

In 1991 the approximate number of Michigan citizens employed in nonagricultural sectors was 3,875,000. The number of employed citizens in Michigan ranged from a low of

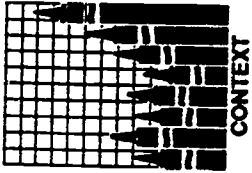
about 3,193,000 in 1982 to a peak of about 3,970,000 in 1990 between 1980 and 1991.

Calendar Year	Number (Thousands)	Change from Previous Year	
		Number	Percent
1980	3,443		
1981	3,364	-79	-2.3
1982	3,193	-171	-5.1
1983	3,223	30	.9
1984	3,381	158	4.9
1985	3,562	181	5.4
1986	3,657	95	2.7
1987	3,736	79	2.2
1988	3,798	62	1.7
1989	3,862	64	1.7
1990	3,970	108	2.8
1991	3,875	-95	-2.4

MICHIGAN WAGE AND SALARY EMPLOYMENT



Source: Public Sector Consultants, Inc.
Lansing, Michigan



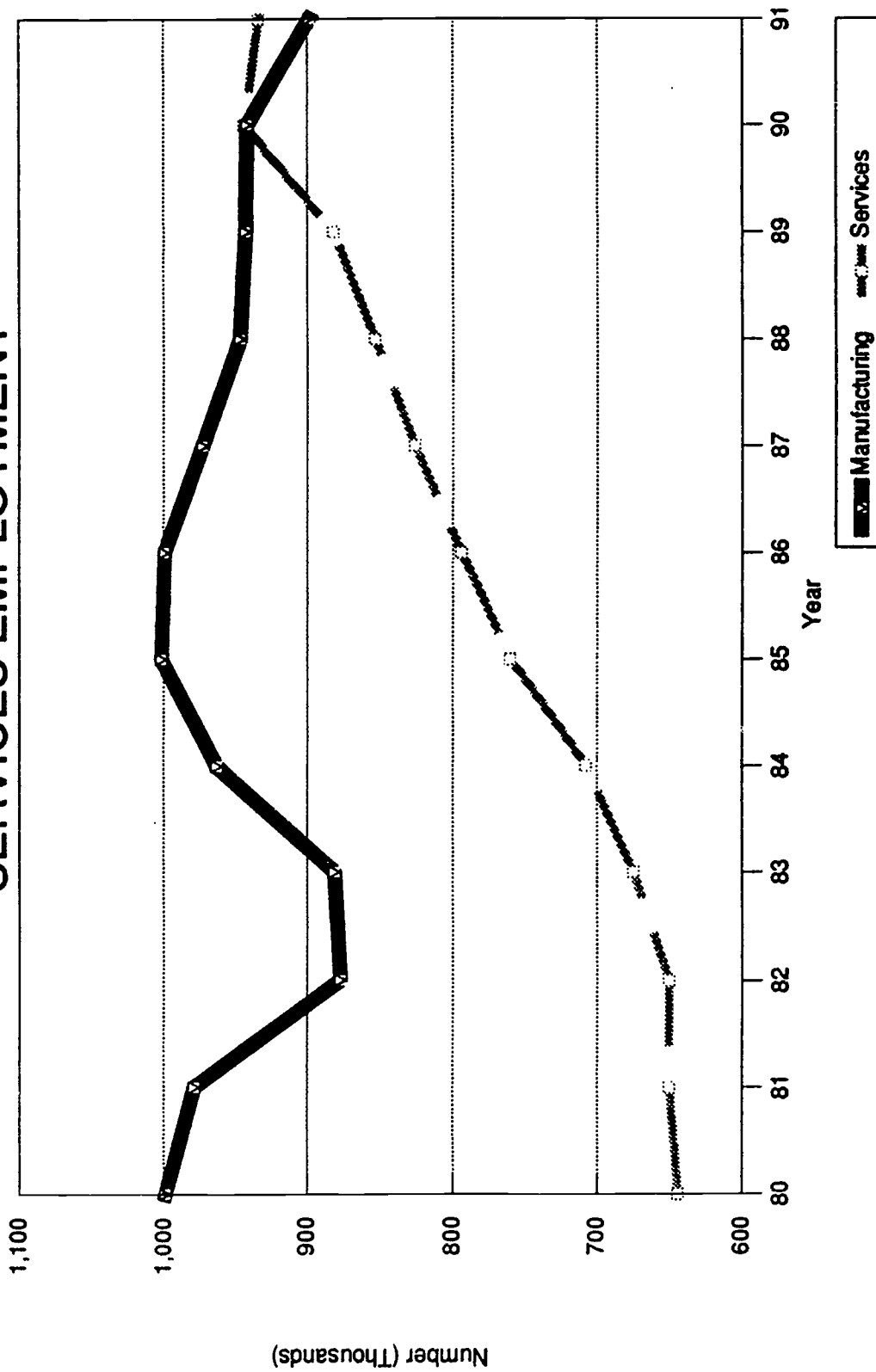
MICHIGAN MANUFACTURING AND SERVICES EMPLOYMENT

The approximate number of Michigan citizens employed in the manufacturing sector declined from 999,000 in 1980 to 899,000 in 1991. The approximate number of citizens in

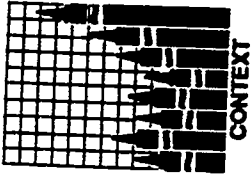
Michigan employed in the services sector increased from 644,000 in 1980 to 934,000 in 1991.

Calendar Year	Manufacturing Employment (Thousands)	Services Employment (Thousands)
1980	999	644
1981	979	650
1982	877	650
1983	881	675
1984	963	708
1985	1,002	760
1986	1,000	794
1987	973	826
1988	947	853
1989	943	882
1990	942	944
1991	899	934

MICHIGAN MANUFACTURING AND SERVICES EMPLOYMENT



Source: Public Sector Consultants, Inc.
Lansing, Michigan



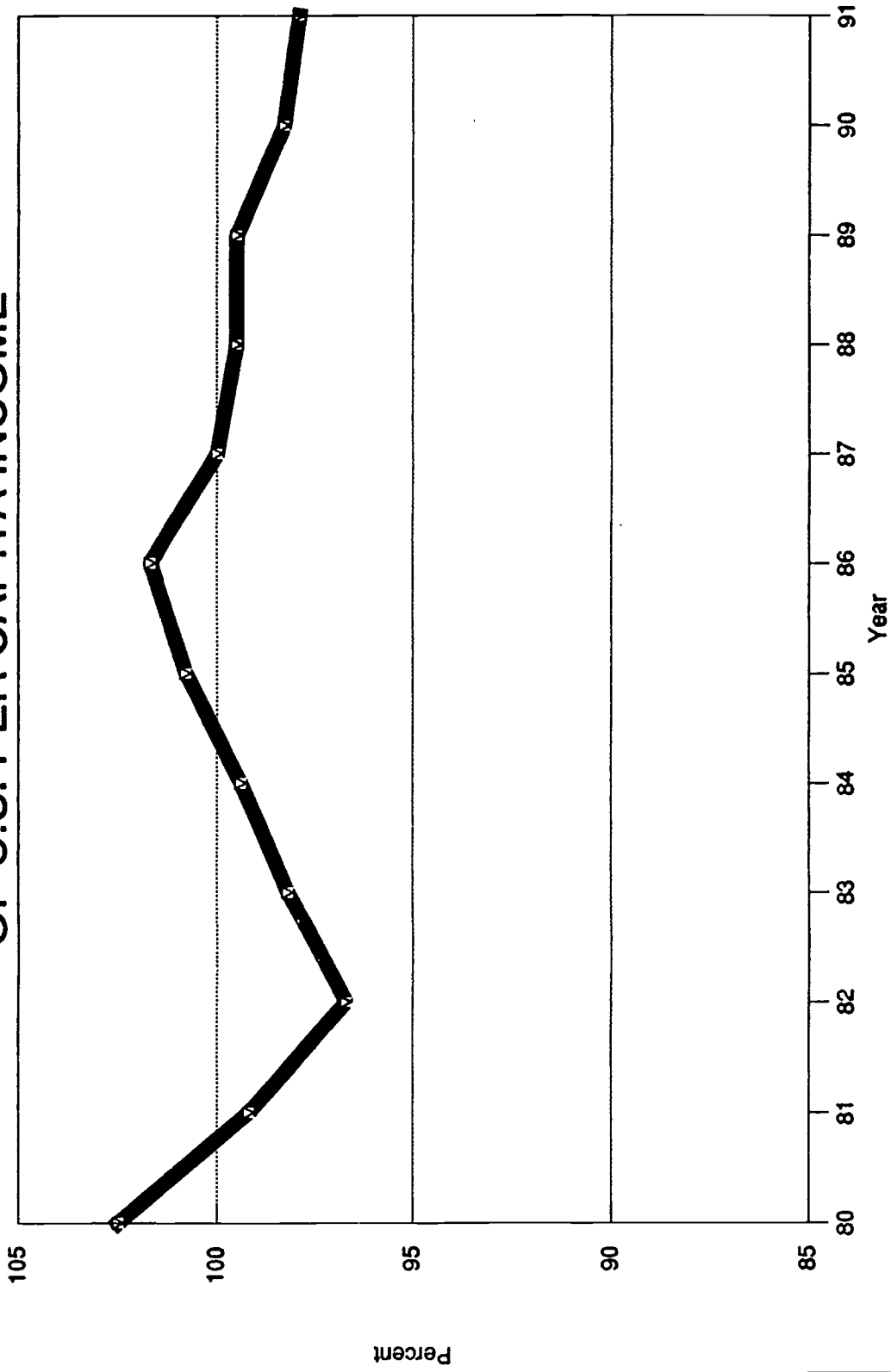
MICHIGAN PER CAPITA INCOME AS PERCENT OF U.S. PER CAPITA INCOME

In 1991 Michigan per capita income was 97.9% of the national average. During the period between 1980 and 1991, the percentage of Michigan per capita income of the U.S. per

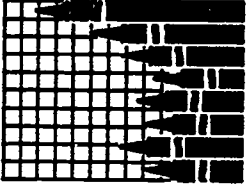
capita income ranged from a peak of 102.5% in 1980 to a low of 96.7% in 1982.

<i>Calendar Year</i>	<i>Percent</i>
1980	102.5
1981	99.2
1982	96.7
1983	98.2
1984	99.4
1985	100.8
1986	101.7
1987	100.0
1988	99.5
1989	99.5
1990	98.3
1991	97.9

MICHIGAN PER CAPITA INCOME AS PERCENT OF U.S. PER CAPITA INCOME

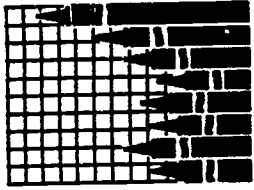


Source: Public Sector Consultants, Inc.
Lansing, Michigan



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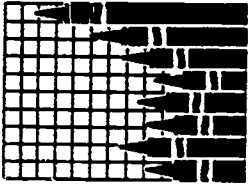
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