DOCUMENT RESUME

ED 221 951 EA 015 078

AUTHOR Bruno, Rosalind R.

TITLE Private School Enrollment, Tuition, and Enrollment

Trends: October 1979. Current Population Reports,

Special Studies, Series P-23, No. 121.

INSTITUTION Bureau of the Census (DQC), Suitland, Md.

PUB DATE Sep 82

NOTE 57p.; Not available in paper copy due to small print

of original document.

AVAILABLE FROM Superintendent of Documents, U.S. Government Printing

Office, Washington, DC 20402 (\$4.75).

EDRS PRICE MF01 Plus Postage. PC Not Available from EDRS. DESCRIPTORS Early Childhood Education; Elementary Secondary

Education; *Enrollment; *Enrollment Trends; Family Characteristics; National Surveys; *Private Schools; *School Statistics; *Student Characteristics; Tables

(Data); *Tuition

IDENTIFIERS Current Population Survey

ABSTRACT

This document presents an analysis of data from the October 1979 Current Population Survey (CPS) on private school enrollment and the levels of tuition paid by families of private school students at the preschool, elementary, and secondary levels. The data are presented in 24 charts and tables and the major trends and patterns are discussed in accompanying text. The information presented is analyzed according to school characteristics (type of agency sponsoring the school, level of school, and location of school) and student characteristics (race, family income, tuition paid, location of residence, family education level, and number of family members enrolled). Some enrollment data from the CPS for the years 1948-78 are included to show trends in private school enrollment over three decades. (Author/PGD)



CURRENT POPULATION REPORTS

Special Studies

Series P-23, No. 121

U.S. DEPARTMENT OF EDUCATION NATIONAL INSTITUTE OF EDUCATION EDUCATIONAL RESOURCES INFORMATION

(ENJER (ERIC)

They do queent this been reproduced as record from the person or organization ongo strong it.

Misor changes have been made to improve in product in quality.

 Points of year or opinions stated in this docudent decoration case only represent official NIE gostine or policy.

Private School Enrollment, Tuition, and Enrollment Trends: October 1979



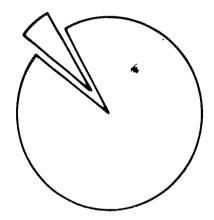
U.S. Department of Commerce BUREAU OF THE CENSUS



Special Studies

Series P-23, No. 121 September 1982

Private School Enrollment, Tuition, and Enrollment Trends: October 1979





U.S, Department of Commerce
Malcolm Baldrige, Secretary
Guy W. Fiske, Deputy Secretary
Robert G. Dederick, Under Secretary for
Economic Affairs

BUREAU OF THE CENSUS Bruce Chapman, Director





BUREAU OF THE CENSUS

Bruce Chapman, Director

C. L. Kincannon, Deputy Director

James R. Wetzel, Acting Associate Director
for Demographic Fields

POPULATION DIVISION Roger A. Herriot, Chief

ACKNOWLEDGMENTS

This report was prepared by Rosalind R. Bruno, Statistician, under the direction of Paul M. Siegel, Chief, Education and Social Stratification Branch, Population Division. Denise I. Sanford, Statistician, contributed to the preparation and analysis of the data. Table preparation and statistical testing was performed by Andrea E. Adams, assisted by Brenda R. Jeffries and Myrtle M. Rice. Suzanne M. Bianchi, Center for Demographic Studies, originated the project and provided valuable advice. Survey design and programming support were provided by Gregory D. Wayland and Phyllis C. Swanson of Demographic Surveys Division. Sampling review was conducted by Ronald J. Statt and Robert Tegels of Statistical Methods Division. Publication review was provided by Marion E. Porter, Population Division. The publication was edited by Gail R. Farren, Publications Services Division. Overall direction was provided by Arthur J. Norton, Assistant Division Chief (Demographic and Social Statistics Programs), Population Division.

SUGGESTED CITATION

U.S. Bureau of the Census, Current Population Reports, Series P-23, No. 121, *Private School Enrollment, Tuition, and Enrollment Trends: October 1979*, U.S. Government Printing Office, Washington, D.C. 1982.

For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. Postage stamps not acceptable; currency submitted at sender's risk. Remittances from foreign countries must be by international money order or by a draft on a U.S. bank. Current Population Reports are sold in two subscription packages: Series P-20, P-23, P-27, and P-60 are available for \$90 per year (\$22.50 additional for foreign mailing); Series P-25, P-26, and P-28 are available for \$22 per year (\$5.50 additional for foreign mailing). The single-copy price of this report is \$4,75.



Contents

	•	raye
Thirt Chara Tuiti	ty-year trend in enrollment	1 1 5 7 9 11
	TEXT TABLES	
A. B.	School enrollment, by type of school, level of school, region, and race: October 1979	5 6
C.	Private elementary and high school enrollment for dependent family members, by family income and race: October 1979	8
D. E.	members, by family income and race: October 1979	9
C .	enrolled in all schools and in private schools and by family income: October 1979	12
F.	Families with children enrolled in private elementary and high school and mean tuition, by number of children enrolled and family income: October 1979	13
	CHARTS	
1.	Private elementary and high school enrollment as related to total enrollment and percent of students enrolled in private school: 1949 to 1978	2 4
2.	DETAILED TABLES	
	bishool oppoliment, by race and Spanish Origin;	
1.	Private and public elementary and high school enrollment, by race and Spanish origin: October 1948 to 1979	15
2.	Private elementary and high school enrollment, by metropolitan/nonmetropolitan residence, race, and Spanish origin: October 1967 to 1979	17
3.	Private and public elementary and high school enrollment, by church status of school, region, and metropolitan/nonmetropolitan residence: October 1979	
4.	by church status of school, family income, education of family nouseholder, race, and	. 21
5.	Tuition and fees paid for private elementary and high school students, by region and	
6.	Tuition and fees paid for dependent family members enrolled in private elementary and	
7.		
8.	The state of the s	



DETAILED TABLES—Continued

9.	Private and public nursery school and kindergarten enrollment, by metropolitan/	
10.	nonmetropolitan residence and race: October 1979	29
11.	region, and metropolitan/nonmetropolitan residence: October 1979 Private and public nursery school and kindergarten enrollment, by church status of school	29
12.	family income, education of family householder, race, and Spanish origin: October 1979 Tuition and fees paid for private nursery school and kindergarten students, by region and	30
13.	metropolitan/nonmetropolitan residence: October 1979. Tuition and fees paid for private nursery school and kindergarten students, by family income, race, and Spanish origin: October 1979.	32
14.	Families with children enrolled in elementary and high school, by number enrolled in all schools and private schools, level of school, and family income: October 1979	33
15.	enrolled in all schools and private schools, family income, race, and Spanish origin:	34
16.	October 1979	37 42
	APPENDIXES	
∳ . В.	Definitions and explanations	43 46
Tabl		
B-3. B-4. B-5.	Standard errors for estimated numbers of persons: total or White. Standard errors for estimated numbers of persons: Black and other races. Standard errors for estimated numbers of persons: Spanish origin. Standard errors of estimated percentages: total or White. Standard errors of estimated percentages: Black and other races. Standard errors of estimated percentages: Spanish origin.	48 48 49 51 51
B-7.	"b" parameters and "f" factors used to approximate standard errors.	52 52

Symbols Used in Tables

- -- Represents zero or rounds to zero.
- B Base less than 75,000.
- NA Not available.
- X Not applicable.



Private School Enrollment, Tuition, and Enrollment Trends: October 1979

INTRODUCTION

This report presents an analysis of data from the October 1979 Current Population Survey (CPS) on private school enrollment and the level of tuition paid by families of private school students. It contains information about private school students, such as family income, type of residence, region of residence, race, and the amount of tuition paid by families. In addition, some data from the CPS are included for 1948 through 1978 to show trends in private school enrollment over three decades.

In October 1979, the total number of students enrolled in private nursery, kindergarten, elementary, and high school was 5,896,000. Of the total number of students enrolled in private school, 1,233,000 were nursery school students; 432,000 were kindergarten students; 3,109,000 were elementary school students; and 1,122,000 were high school students (tables 1 and 9).

The October 1979 CPS asked, for the first time, whether the school attended by a student enrolled in private school was church related or non-church related. Data for 1979 revealed that of all students enrolled in private elementary and high schools. 83 percent attended church-related schools, whereas only 14 percent attended non-church-related schools (the remaining 2 percent did not respond).

In this report data on tuition paid by private school students are based on the 89 percent of students for whom tuition level was reported in response to the following question:

"What is the amount of tuition and fees for this school year at the school ... is attending? (Include only fees required for school entry and exclude room and board, books, uniforms, school supplies, and lunches.)"

THIRTY-YEAR TREND IN ENROLLMENT

Data on school enrollment have been collected by the Census Bureau in the CPS since the mid 1940's, and figures on private school enrollment have been available from the CPS since 1948. Survey estimates from the CPS provide the only constant source of private school enrollment trend data.

In that the data are from a household survey rather than from a school census or administrative records, the figures are survey estimates of enrollment and not actual counts of persons attending (for further discussion, see Source and Reliability of the Estimates).

Change in enrollment in private schools has had two basic demographic components-changes in the size of the population of school age and changes in the proportions of students attending private schools. The entrance of the baby boom cohorts into elementary school ages in the early 1950's and into high school ages in the early 1960's caused simultaneous increases in both public and private school enrollments, at the appropriate levels and dates (chart 1). These numerical increases in private elementary and high school enrollments would have occurred even if private schools had merely maintained a constant share of total enrollment. But rates of enrollment in private school also grew, and both private elementary and high schools increased their share of total enrollment between 1950 and 1964 (chart 1). Because both the school-age population and the private school share of enrollments were growing between 1950 and 1984, privata school enrollment doubled in that 14-year period while total enrollment increased by almost 60 percent. In the next 15 years, the number and proportion of students enrolled in private elementary and high schools declined to about two-thirds of the maximum reached in the mid 1960's (table 1)

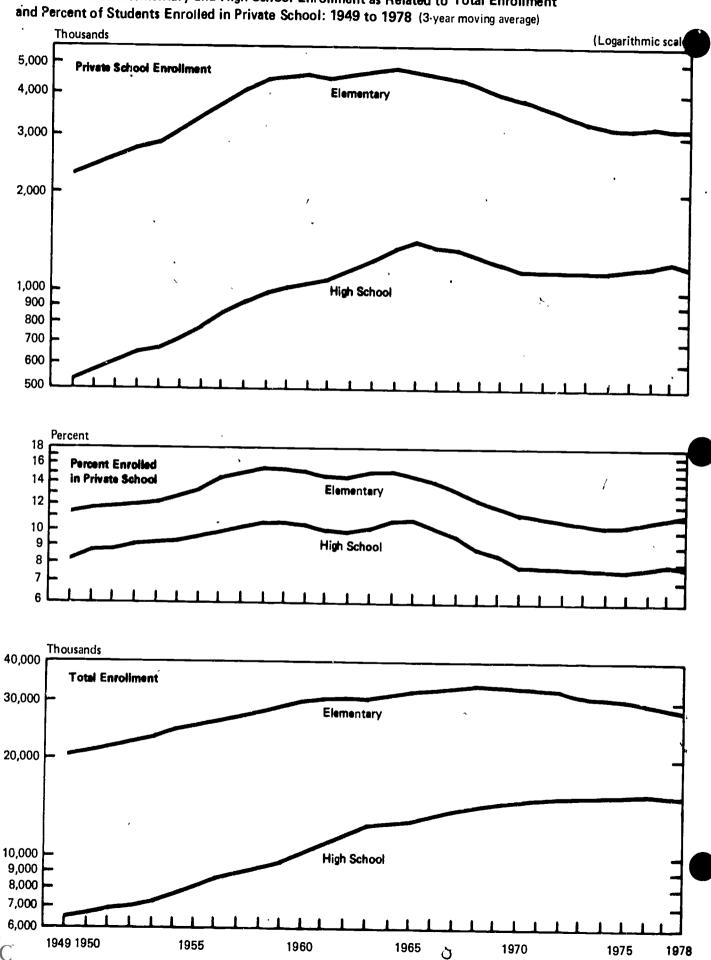
While the growth and subsequent decline in private school enrollment due to changes in the size of the school-age population necessarily occurred at different times for elementary and high schools, the growth and decline in private enrollments due to changes in the proportion of students attending private schools occurred nearly simultaneously at the elementary and high school levels (chart 1). This suggests secular changes in the tastes and preferences of parents for types of schooling for their children.

The total elementary school population grew by 48 percent from 1950 to 1964 and continued growing until 1970, when it was 60 percent larger than it had been in 1950. Private elementary school enrollment reached its apparent peak in 1964 and 1965 (the differences from enrollment estimates in the immediately preceding and succeeding years are not statistically significant). From 1964 to 1970, private elementary enrollment dropped by 19 percent, as the private share of elementary enrollment went from 15 percent to 12 percent. For the remainder of the decade the private share of

of Population.

¹The church/nonchurch distinction was also obtained in the 1980 Tensus of Population and perochial/other private in the 1970 Census of Population.

CHART 1. Private Elementary and High School Enrollment as Related to Total Enrollment



elementary enrollment remained at 10 or 11 percent. In the entire period from 1964 to 1979, there was a 36 percent drop in the number of persons enrolled in private elementary school. The decline ended around 1974, with little variation after that time.

Total high school enrollment almost doubled between 1950 and 1964 and continued growing until 1976 or 1977 when it was 2 1/3 times as large as it had been in 1950. In addition to the changing size of the high school age group, this growth in enrollment reflects an increase in high school retention rates (students remaining in school). Private high school enrollment reached its apparent peak in the mid 1960's, well ahead of the peak in total high school enrollment. From 1965 to 1969 private high school enrollment dropped by one-fifth, as the private share of high school enrollment fell from 11 to 8 percent. It has not changed significantly since 1969.

It is not obvious from these data why there was such a large decline in the proportion of students attending private elementary and high schools in the 1960's. It is likely that there are many reasons, including the large numbers of families moving from cities to suburbs and away from the central city private schools. It is known from the National Catholic Educational Association (NCEA) that there was a large decline in Catholic school enrollment in the 1960's and 1970's. From 1964 to 1979, enrollment in all private schools (kindergarten through high school) dropped by 31 percent while Catholic school enrollment declined 44 percent in the same period. Consequently, NCEA estimates of Catholic enrollment fell from 84 percent to 67 percent of CPS estimates of private enrollment in the 15-year period. The very large decline in Catholic school enrollment was only partially offset by enrollment increases among other schools. The 2.5-million-student decrease in Catholic school enrollment, as reported by the NCEA, 2 exceeded the private enrollment drop of 2.0 million students reported in the CPS. Thus, it is probable that there were increases in enrollment in private schools under sponsorship of other groups.

The combination of several changes occuring simultaneously in the Catholic church and society at large have been discussed as contributing to the decline in Catholic school enrollments. Increased opportunities in public schools as public expenditures on education were increased may have lured some persons away from parochial schools. The dwindling availability of teachers from religious orders increased expenses because lay teachers were hired and may have decreased the religious atmosphere of the schools. Reluctance to build additional Catholic schools in new neighborhoods when others were idle in older areas was also considered a factor as many families moved to the suburbs.3

Table 8 shows a comparison of decennial census and CPS private school enrollment data by region for 1960, 1970, and 1979.4 As suggested earrier, although the proportion of elementary and high school children who attended private school declined only slightly in the 1970's, the moderate declines on the national level obscured more interesting and varied regional and local trends (chart 2). In the Northeast, with the highest private enrollment rate in 1960, the decline in the succeeding 19-year period was substantial; the proportion of elementary and high school students who attended private school dropped from 22 to 13 percent. In the North Central States the decline was also significant: a drop from 18 to 12 percent. In the South, there was an increase in the rate of private school enrollment in the period, from 6 to 8 percent. For the West, the rate in 1979 was slightly lower than the 1960 rate (it dropped from 9 to 8 percent). There was a decline from 1960 to 1970 and an increase in the 1970's. Despite the changes in all regions, in 1979, the private school enrollment rates in the South and West remained below that in the North as they were 19 years earlier.

Although private school enrollment increased as a proportion of all enrollment in the South and the West in the 1970's it was more than offset by declines in the Northeast and North Central regions. In addition, it is important to note that the increases occurred where private school enrollment rates were very low to begin with (in the South and West they were about 6 percent in 1970, about one-third the level of the Northeast). Private school enrollment rates in the areas in which enrollment rates have grown had not reached the national average by 1979.

Changes in the Northern regions can be attributed to the drop in Catholic enrollment discussed earlier. The rapid decline in Catholic school enrollment had profound effects on the North because Catholic enrollment was concentrated there. Until recently, 5 out of 6 private school students were in Catholic schools. According to the NCEA, three-fourths of Catholic school enrollment was in the Northeast and North Central States in 1969, whereas only half (52 percent) of all enrollment (public and private combined) was in the Northern States.

White students have been consistently more likely to be enrolled in private schools than have 8lack students (table 1). White private school enrollment declined by 37 percent from 1964 to 1979, a decrease of 2.2 million participants in private schools. Blacks, on the other hand, increased by one-third in private school enrollment but added only about 87,000 students. Because of the changes for both racial groups, Black rose from 3.7 to 7.5 percent of all private students; they accounted for 16.1 percent of public school students in 1979.

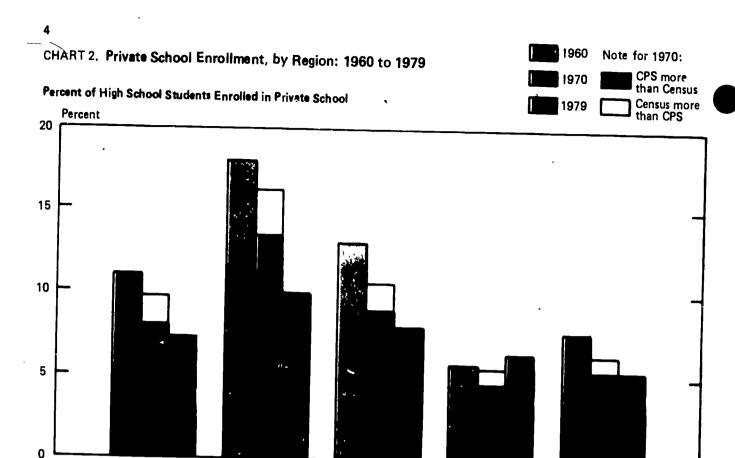
Principal, Vol. 56, No. 6, July/August 1977.

y

² National Catholic Educational Association, A Statistical Report on Catholic Elamentery and Secondary Schools for the Years 1967-68 to 1969-70, and A Statistical Raport on U.S. Catholic Schools 1979-80. Weshington, D.C. Copyright. All rights reserved.

Richard L. Neult, Donald A. Erickson, and Bruce S. Cooper, "Hard Times for Nonpublic Schools," The National Elementary

⁴ Date from both the CPS and census are shown for 1970. Although the two sources are nearly identical in elementary enrollment data for 1970, for high school the proportion in private school appears to be higher in the census figures. The data are from two different sources and also for two different academic years. Despite the slight differences, they do not affect the measurement of trends from 1960 to 1970 and 1970 to 1979.



North Central

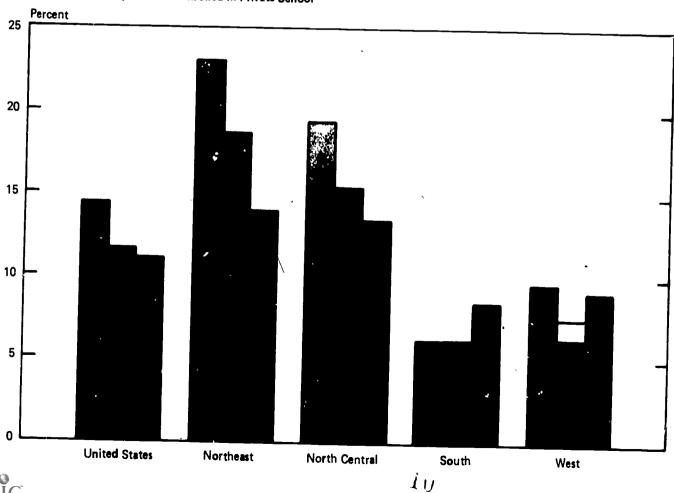
South

West

Percent of Elementary Students Enrolled in Private School

Northeast

United States





The increase in the proportion of private school enrollment that is Black had three primary sources: (1) a 2-percentage-point increase in the private elementary school enrollment rate for Blacks (6 percent in 1979), but no change in high school (3 percent in 1979); (2) a 5-percentage-point drop in the rate for Whites in elementary school and high school combined, which was reduced to 11 percent by 1979 (12 percent for elementary and 8 percent for high school); and (3) an increase in the number of eligible Black students at the same time there was a decrease in the number of Whites because the birth rate for Blacks was higher than for Whites. Thus the propensity to attend changed for both groups, and the composition of the pool of potential students changed.

CHARACTERISTICS OF STUDENTS ENROLLED IN PRIVATE ELEMENTARY AND HIGH SCHOOLS

In 1979, about 10 percent of the total elementary and high school enrollment was in private schools. Traditionally a higher proportion of elementary students than high school students have been enrolled in private school. About 11 percent of all elementary school children were enrolled in

private schools, compared with about 7 percent of all high school students; the figures had not changed by much more than one percentage point during the 1970's. In 1979, the total number of students enrolled in private elementary schools was 3,109,000, and in private high schools it was 1,122,000

Table A shows that in 1979 students enrolled in private elementary and high schools were much more likely to attend church-related schools than non-church-related schools. An average of 5 out of 6 private elementary and high school students attended church-related schools.

Metropolitan/nonmetropolitan residence. Data for 1979 also show distinct differences in the proportion of students enrolled in private schools by type of residence. Students residing in metropolitan areas were much more likely to be enrolled in private schools than students residing in nonmetropolitan areas (table 3). Twelve percent of the elementary and high school students residing in metropolitan areas attended private schools, including 16 percent of those in central cities, and 10 percent of those outside central cities. Only 5 percent of students residing in nonmetropolitan areas attended private schools. Students were more likely to attend church-related schools than non-church-related

Table A. School Enrollment, by Type of School, Level of School, Region, and Race: October 1979

(Numbers in thousands)

			Pe	ercent enr	olled in		
	ŀ				Private	school	
Level, region, and race	Total enrolled	All schools	Public school	Total	Church- related	Not church- related	Not reported
ALL LEVELS							
Nursery school Kindergarten Elementary High school	1,869 3,025 27,865 15,116	100.0 100.0 100.0 100.0	34.0 85.7 88.8 92.6	66.0 14.3 11.2 7.4	24.6 9.3 9.6 5.7	38.8 4.6 1.4 1.4	2.5 0.4 0.2 0.3
ELEMENTARY AND HIGH SCHOOL							
Region							
United States Northeast North Central South	42,981 9,734 11,198 14,482 7,567	100.0 100.0 100.0 100.0 100.0	90.2 87.5 88.5 92.2 92.1	9.8 12.5 11.5 7.8 7.9	8.2 11.1 10.4 5.7 6.2	1.4 1.2 0.8 1.9	0.2 0.3 0.3 0.1 0.3
Race 1			 				
All races White Black Spanish origin	42,353 35,015 6,454 2,920	100.0 100.0 100.0 100.0	90.1 89.2 95.2 91.6	9.9 10.8 4.8 8.4	8.3 9.1 4.2 7.5	1.4 1.5 0.5 0.7	0.2 0.2 0.2 0.2

¹Figures are for dependent family members only.



schools regardless of type of residence. At least 80 percent of private school students residing in each type of area attended church-related schools.

Since 1972 (the first year data for metropolitan areas, as defined in the 1970 census, were available), no major trends have emerged showing change in the proportion of elementary or high school students attending private schools by type of residence, except perhaps for elementary schools in central cities where there was some evidence of an increase in private enrollment as a proportion of total elementary enrollment, from 16 to 18 percent. There was some evidence that the actual number of private students in central cities declined, however, presumably because of the decrease in central city enrollment caused by a population exodus to the suburbs and beyond. Black and White students diverged considerably in private school enrollment rates by type of residence. In 1979, 20 percent of White students in central cities attended private school compared with 7 percent of Black students; outside central cities the figures were 11 and 3 percent and in nonmetropolitan areas, 6 and less than 1 percent. Not only were Blacks more likely than Whites to live in central

cities, but a considerably higher proportion of Black than of White private school students lived in central cities. Eighty-three percent of Black private elementary and high school students resided in central cities compared with 38 percent of White students. Of all elementary and high school students, the proportion in-central cities was 55 percent for Blacks and 20 percent for Whites.

Region of residence. In 1979, the proportion of students enrolled in private elementary and high schools was smaller in the Western and Southern States than in the Northeastern and North Central States. In the Northern States, about 12 percent of the students enrolled in school attended private schools compared with 8 percent in Western and Southern States (table 3). Table B shows CPS estimates of private school enrollment for 1970 and 1979 by region, the substantial shift that took place in regional rates, and the greater interregional differences in 1970 than 1979. In all regions, the majority of private school enrollment was in church-related schools: about 90 percent in the Northern regions and around 75 percent in the South and West.

Table B. Private School Enrollment, by Level of School and Region: 1960 to 1979

(Numbers in thousands)

		Eleme	ntary			High :	school	
Region	October Populatio	Current on Survey	Decennia	1 census	October Populatio		Decennia	census
	1979	1970	1970	1960	1979	1970	1970	1960
United States								
Total enrolled. Private school Percent private Northeast	27,865	33,905	33,210	28,988	15,116	14,392	14,481	9,696
	3,109	3,946	3,835	4,167	1,122	1,155	1,417	1,081
	11.2	11.6	11.5	14.4	7.4	8.0	9.8	11.1
Total enrolled Private school Percent private North Central	6,204	7,562	7,616	6,561	3,531	3,314	3,410	2,339
	867	1,417	1,421	1,518	354	443	551	422
	14.0	18.7	18.7	23.1	10.0	13.4	16.2	18.0
Total enrolled Private school Percent private	7,200	9,735	9,434	8,261	3,998	4,265	4,190	2,786
	973	1,492	1,368	1,604	315	383	460	361
	13.5	15.3	14.5	19.4	7.9	9.0	11.0	13.0
Total enrolled Private school Percent private	9,590	10,803	10,498	9,609	4,892	4,280	4,306	2,943
	815	667	622	598	311	196	242	172
	8.5	6.2	5.9	6.2	6.4	4.6	5.6	5.8
	1	ŀ					ļ	
Total enrolled Private school Percent private	4,871	5,805	5,663	4,556	2,696	2,532	2,574	1,628
	454	371	425	447	143	133	164	126
	9.3	6.4	7.5	9.8	5.3	5.3	6.4	7.7



Race and Spanish origin. Data for 1979 also show distinct differences in private elementary and high school enrollment rates for White students and Black students. At both the elementary and high school levels, the proportion of all Black students enrolled in private schools was much lower than the proportion of all White students. The percent of all White elementary students attending private schools was twice that for Black students (12 versus 6 percent), table 1. At the high school level, 8 percent of all White students attended private schools, compared with 3 percent of all Black students. Students of Spanish origin were more likely than Black students but less likely than White students to be in private schools.

Family income. Families of all income groups send children to private schools. However, data in table C shows that the probability of students being enrolled in private schools is directly related to family income. In 1979, only 4 percent of elementary and high school students who were dependent family members in families with incomes of less than \$10,000 attended private schools, compared with 28 percent of those students in families with income of \$50,000 or more. For children in public schools, the median family income was \$16,500 compared with a \$22,600 median family income reported for children in private schools.

At almost all income levels, children enrolled in elementary schools were more likely to attend private school than children in high school. For children in families in the highest income category, \$50,000 or more, 31 percent of elementary students and 22 percent of high school students were enrolled in private schools, for those in families with incomes of less than \$10,000, about 4 percent of elementary students and 3 percent of high school students attended private school. In addition, private school students from higher income families were much more likely to be attending non-churchrelated schools. Of all private school students reporting, 86 percent attended church-related schools and 14 percent nonchurch-related, but of private school students in families with incomes of \$50,000 and over, about 57 percent attended church-related schools and 43 percent attended nonchurchrelated schools.

Black and Whites differ in private school enrollment rates by income. Among students in families with less than \$20,000 income, White students were more likely to attend private school than Black students (8 percent vs. 3 percent). Among students in families with higher incomes, attendance rates for the two race groups were not different, about 14 percent for each. Because Black income levels have been generally below White income levels, the median family income of Black private school students was substantially below that for White students, \$17,200 and \$23,000 respectively. In both cases, the median family income of private school students was well above the median for all children of the same race.

Although some of the disparity in private school enrollment of White and Black students was due to income differences, income did not account for the total difference. If private school enrollment rates for Black children in each income group remained as observed in table 4, but the family income distribution for Blacks was the same as that

for Whites, the proportion of Black elementary and high school children in private school would have been 8.8 percent compared with the actual estimate of 4.8 percent for Blacks and 10.8 percent for Whites (table C). Although the difference for Blacks is substantial and in part supports the hypothesis that Black-White differences are due largely to income differences, the income adjusted proportion (8.7 percent) remained below the figure for White students (10.8 percent).

TUITION PAID BY PRIVATE ELEMENTARY AND HIGH SCHOOL STUDENTS

In 1979, there were almost three times as many students enrolled in private elementary schools as in private high schools. (There are twice as many grades in elementary as in high school.) Private elementary school students on average paid tuition about half that of private high school students. The mean tuition for elementary school students was \$557 and for high school students it was \$1,177 (table 5). A much larger proportion of private elementary school students than private high school students paid relatively low tuition; of the total private elementary school population reporting tuition levels, over half paid less than \$500 for yearly tuition, whereas less than 10 percent of private high school students paid less than \$500. The tuition differences between elementary and high school students exist regardless of race, family income, or residence of the students.

Metropolitan/nonmetropolitan residence. Elementary school students residing in metropolitan areas were much more likely than those in nonmetropolitan areas to attend private school; moreover, private elementary school students residing in metropolitan areas paid higher tuition than those in nonmetropolitan areas (table 7). For example, the mean yearly tuition paid for private elementary school students in central cities of metropolitan areas was \$589 compared with \$458 for those in nonmetropolitan areas. At the high school level, the mean tuitions did not vary by residence; for all private high school students it was \$1,177. These relationships appeared for students in all private schools and in church-related schools. For non-church-related elementary and high schools combined, tuition in metropolitan areas (\$1,792) was significantly above tuition in nonmetropolitan areas (\$1,255). The sample was not of sufficient size to compare figures for students in non-church-related elementary and high schools separately.

Region of residence. The amount of private school tuition paid also varied by region. Private school attendance was greater in the Northeast and North Central regions than in the South and West, and tuition costs tended to be lower in the Northern regions, particularly for elementary school. Some evidence exists that the mean tuition of \$408 for elementary students in the North Central States was lower than tuitions in the other regions, that is compared with \$495 in the Northeast, and mean tuitions in the South and West, which were significantly higher than for the Northern regions, at \$736 in the South and \$695 in the West but not

Table C. Private Elementary and High School Enrollment for Dependent Family Members, by Family Income and Race: October 1979

(Numbers in thousands)

		rolled in			t distri		, Per	cent pri	vate		t distri	
Family income	All races a	White b	Black c	All races d	White	Black f	All races	White h	Black 1	All races J	White k	Black 1
All incomes	42,353	35,015	6,454	(x)	(x)	(x)	9.92	10.83	4.85	²3,831	23,453	²289
All incomes reported	39,129	32,299	6,025	100.00	100.00	100.00	9.79	10.69	4.80	100.00	100.00	100.00
Less than \$5,000. \$5,000 to \$9,999. \$10,000 to \$14,999. \$15,000 to \$19,999. \$20,000 to \$24,999. \$25,000 to \$49,999. \$50,000 and over.	3,501 5,884 7,417 6,404 6,458 7,973 1,493	1,899 3,904 6,101 5,684 5,833 7,453 1,425	1,528 1,833 1,154 604 515 357	8.95 15.04 18.96 16.37 16.50 20.38 3.82	5.88 12.09 18.89 17.60 18.06 23.08 4.41	25.36 30.42 19.15 10.02 8.55 5.93 0.58	3.28 4.22 7.10 10.09 11.17 14.59 27.52	4.13 4.70 7.86 10.55 11.11 14.38 27.45	2.10 3.06 3.54 5.79 11.69 16.70	3.00 6.48 13.73 16.87 18.83 30.37 10.73	2.26 5.30 13.91 17.36 18.78 31.06 11.33	11.07 19.38 14.19 12.11 20.76 20.76 1.73
Income not reported	3,224	2,716	429	(x)	(x)	(x).	11.44	12.46	5.62	(x)	(x)	(x)

X Not applicable.

²Number of persons with income reported and enrolled in private school.

Note: ∑e x 1 = expected percent private for Blacks = 8.8.

different from each other. In all regions, elementary school tuition was below high school tuition by \$450 or more. Church-related schools, because they are partially supported by church contributions, had relatively low tuition. In each region, tuition in church-related schools was markedly lower than in non-church-related schools. The difference was as much as \$1,800 in the Northeast and as little as \$500 in the South (table 7). But even among church-related schools, average tuition was substantially higher in the South and West (\$740 and \$619) than in the North (\$485). One reason might be the larger proportion of private school enrollment in the North that is in Roman Catholic schools. Expenses in Catholic elementary schools in particular have been traditionally low compared with those of other private schools, since local parishes and dioceses absorbed some cost.

A comparison of the data on enrollment in private schools from the CPS with administrative data on enrollment in Catholic schools collected from Catholic dioceses by the NCEA⁵ in 1979 suggests that about two-thirds of all private school enrollment (in kindergarten through grade 12) was in Catholic schools, and 57 percent of all private school enrollment and 71 percent of enrollment in Catholic schools was in the North. In the North, 8 out of 10 private school students were in Catholic schools.⁶ In the West, the corresponding calculations suggest the figure was 6 out of 10, but in the South, only about 4 out of 10 were in Catholic schools.

In church-related elementary schools, tuition levels were significantly lower in the Northern regions than in the West

and South; tuition averaged \$336 in the North, \$499 in the West, and \$615 in the South. At the high school level, there was some variation across regions in mean tuition for students in church-related high schools. In most cases, for elementary and high school, tuition was significantly higher in nonchurch-related than church-related schools. On average for both elementary and high school students, tuition in nonchurch-related schools was two or more times tuition paid for students in church-related schools. For elementary and high school combined, tuition was \$1,678 for children attending non-church-related school and \$560 for all children attending church-related schools. The sample size of CPS is not adequate for making comparisons for a small number of persons; therefore differences between regions are difficult to distinguish for persons enrolled in non-church-related private elementary and high schools separately.

Family income. The mean tuition paid per student by families of private school students in 1979 was much greater for families with high income than it was for those with low income. The mean tuition paid for elementary and high school students in families with incomes of less than \$5,000 was \$388, compared with \$1,472 for those in families with incomes of \$50,000 and over (table 6). Among private elementary and high school students, those from high-income families were more likely than those from lower-income families to attend non-church-related schools which had substantially higher tuitions than church-related schools (table 8).

Race. The mean annual tuition paid for each student by Black families who sent their children to private elementary and high schools in 1979 was somewhat less than that paid by White families; it was \$601 for children in Black families

Although this figure is based on a population estimate of less than 75,000 cases and is, in itself, unreliable and does not meet accepted statistical standards, in this case retention of the figure is necessary in order to calculate the expected percent private for the Black population.

National Catholic Educational Association, op. cit.

^{*}Calculated using NCEA administrative figures for Catholic school enrollment for States and CPS private school enrollment aripmits by region

and \$733 for children in White families (table 6). The difference in the mean yearly ruition at the national level cannot be easily explained from these data except for the fact that there were differences in private attendance rates and tuitions by income. High-income families were more likely to send children to private schools than low-income families, and high-income families tended to pay higher tuitions than low-income families. White students on average had higher family incomes than Black students, and average tuition was higher for White than for Black students. Tuition paid for White and Black children was not significantly different within income groups (table D).

PRIVATE NURSERY SCHOOL AND KINDERGARTEN ENROLLMENT

Private nursery school and kindergarten enrollment has been different from private elementary and high school enrollment primarily because the opportunity to attend public school at the preprimary levels has not been universal and school attendance has not been compulsory below the elementary grades. Preprimary school also differs from elementary and high school in that elementary and high school attendance inseparably combines education and child care in nearly universal, compulsory, full-day programs and preprimary school does not. The parents of preschool children can choose to send their children to nursery school, and to some kindergartens for either one or both of these reasons (education and/or child care), and in many instances must obtain the conbination of these services which they desire from private institutions.

About 35 percent of 3- and 4-year-olds were enrolled in school, the vast majority in nursery school, and about 93 percent of 5-year-olds were enrolled, mostly in kindergarten in 1979.7 Nursery school enrollment was largely in the private sector with 2 out of 3 nursery school students attending private school. About 14 percent of kindergarten students attended private school. Where most public school systems include kindergarten, private school attendance in kindergarten was not appreciably higher than private school enrollment in elementary school. In the South, where availability of public kindergarten has been lower than average, private enrollment was twice as frequent in kindergarten as in elementary school.

Nursery school enrollment has remained limited compared with kindergarten enrollment. Most public elementary schools provided kindergarten in 1979, but very few public schools had nursery school or prekindergarten curricula, although some school systems provided the service.9 At other levels below college, almost all children of eligible age were attending school, but among nursery school age chidren, the majority of children do not attend school. Nursery school draws chiefly from 3-and 4-year-old children; in 1979 about 25 percent of 3-year-olds and 45 percent of 4-yearolds were enrolled. 10

⁸National Center for Education Statistics, The Condition of Education, 1980 Edition.

National Center for Education Statistics, Statistics of Public Elementary and Secondary School Systems. Fall 1979.

 The proportion of 3- and 4-year-olds enrolled in school is used as a proxy measure for nursery school enrollment rates in interpreting potential enrollment since this is the primary group of enrollees. In 1979, 35 percent of all 3- and 4-year-olds were enrolled; ten years earlier 16 percent were enrolled. Of 3- and 4-year-olds enrolled in school, 82 percent were in nursery school in 1979, conversely, of all nursery school students reported in the Current Population Survey, 94 percent were 3 and 4 years old (children below 3 years old have not been in the universe for enrollment questions in this survey). The data tabulated for this report do not include children attending public or private facilities providing strictly day care.

Table D. Private Elementary and High School Enrollment and Mean Tuition for Dependent Family Members, by Family Income and Race: October 1979

(Numbers in thousands)				White						Black		
				Pr	iva.a					Pri	/ato	
						Grouped	income ¹				Grouped	income ¹
Family income	Enrolled in all schools	Number	Percent of total	Moan tuition	Standard error of the mean	Mean tuition	Standard error of the mean	Enrolled in all schools	Number	Percent of total	Mean tuition	Standar error o the mea
All incomes	35,015 1,899	3,791 78	10.8	‡ 733 388	120 47	†733 } 462	\$20 44	6,454 (1,528 (1,833	313 32 56	4.8 2.1 3.1	\$601 } 391	\$5 5
\$5,000 to \$9,999 \$10,000 to \$14,999	3,904 6,101	183 480	4.7 7.9	493 565	59 43 56	} 59 3	36	1,154	41 35	3.5 5.8	559	8
115,000 to 119,999 220,000 to 124,999 125,000 to 149,999	5,684 5,833 7,453	599 648 1,072 391	10.5 11.1 14.4 27.4	617 579 741 1,480	32 33 97	828	28	515 357 35	60 60 5	11.7 16.8 14.3	730	5
\$50,000 and over Income not reported	1,425 2,716	338	12.4	770	61	270	61	429	24	5.6	(B)	(1

B Base less than 75,000.

Mean tuition has been computed for larger income categories so that figures can be shown for Black students based on a minimum number of at least 75,000 persons.



² Bureau of the Census, Current Population Reports, Series P-20, No. 360, "School Enrollment-Social and Economic Characteristics of Students October 1979.

About 34 percent of all nursery school students attended public schools in 1979. Of the remaining 66 percent of nursery school students who were in private schools, those schools that are not church related enrolled 3 out of 5 students. Among students attending private schools, nursery school education was the only area of precollege education in which a church of religious body was not the primary sponsor.

Race. Among 3- and 4-years olds, Black children were more likely to attend school than White children (41 percent vs. 34 percent). The distribution of White and Black children between public and private nursery schools was quite different. Twenty eight percent of White children and 66 percent of Black children in nursery school attended public schools. This is not unexpected since public nursery schools and Head Start programs have been geared toward economically disadvantaged and minority children. Blacks tended to have lower incomes than Whites and data show a dramatic difference in the proportions of nursery school students who attended public nursery school according to income level (table 11). The vast majority of Black and White children enrolled in kindergarten attended public schools.

The numbers of 3- and 4-year-olds enrolled by race, region, and metropolitan status are as follows:

(October 1979. Numbers in thousands)

Subject	Enrolled	Percent
3- and 4-year-olds	2,138	35.1
3-year-olds	745	24.6
4-year-olds	1,393	45.4
White	1.694	33.9
Black	385	40.8
Northeast	447	37.9
North Central	542	33.6
South	716	33.6
West	432	37.0
Metropolitan	1,590	39.8
Central city	633	36.9
Outside central city	957	41.9
Nonmetropolitan	548	26.2

Residence. Three- and four-year-olds in metropolitan areas were more likely to be attending school than their counterparts in norimetropolitan areas (40 percent versus 26 percent). In all areas, the majority of nursery school enrollment was in private schools.

Region of residence seemed to make no difference in nursery school enrollment. The proportion attending school among 3- and 4-year-olds was not significantly different among regions. Furthermore, of children attending nursery school, the proportions enrolled in private nursery schools were not significantly different from region to region (table 10).

Private kindergarten enrollment (about 14 percent of total kindergarten enrollment) was slightly above private elementary enrollment. Two possible reasons are not all States provide complete kindergarten programs and some private

kindergartens were run jointly with nursery schools. This is most notable in the South where 8 percent of elementary school enrollment was private compared with 19 percent of kindergarten enrollment (table 10). Kindergarten students in central cities of metropolitan areas were more likely than those in the suburbs or in nonmetropolitan areas to attend private schools: 22 percent in central cities and an average of 12 percent outside. This is similar to the pattern of private elementary school enrollment and probably occurs for the same reasons: private schools are more accessible in densely populated areas; Catholic schools particularly have been more likely to be located in urban areas.

Income. Nursery school attendance is highly related to income. Not only are children nore likely to attend nursery school if the family income is high but they are more likely to attend if the mother is employed which, in turn, often results in higher family income. Only about 20 percent of 3- and 4-year-olds in families with incomes of less than \$10,000 were enrolled in nursery school in 1979 compared with 52 percent of children in families with incomes of \$25,000 or more. Some children at all income levels attended public nursery school, including the majority of lower income students. The proportion of all children in each income group who attended public nursery school remained relatively constant across income groups (at around 8 percent except at the lowest income levels), while the proportion attending private nursery school varied from 7 percent for children in families with incomes of less than \$10,000 to 43 percent of those in families with incomes of \$25,000 or more.

The proportions of children 3 and 4 years old enrolled in nursery school by type of school and family income are as follows:

(October 1979. Numbers in thousands)

Family income	Total children 3 and 4	Percent enrolled in nursery school						
	years old	Total	Public	Private				
Total	6,095	28.7	9:4	19.2				
Less than \$10,000	1,686	20.2	13.5	6.6				
\$10,000 to \$14,999	1,318	19.8	7.1	12.7				
\$15,000 to \$19,999	1,029	28.3	8.1	20.3				
\$20,000 to \$24,999	832	34.0	.6.6	27.4				
\$25,000 and over	900	51.9	8.4	43.4				
Income not reported	330	31.8	į2.1	19.7				

For kindergarten, with virtually all children of eligible age enrolled, the tendency to attend a private school appeared to increase with income as it did at other levels of enrollment.

Tuition. The mean tuition paid by families of nursery school students and kindergarten students in 1979 was about the same, \$633 and \$626, respectively. However, pronounced differences in the annual mean tuitions for White and Black students existed. Black preprimary (nursery school and kindergarten) students paid more to attend private schools than their White counterparts. The mean yearly tuition for Black preprimary students enrolled in private schools was



\$938 compared with \$595 for White students. As discussed earlier, only 33 percent of Black nursery school students were in private schools compared with 72 percent for White. For kindergarten, the figures were 11 percent and 15 percent respectively. The difference in reported tuition can be explained partially by the fact that Black preprimary students (both nursery school and kindergarten) in private schools were at least twice as likely as White preprimary students to attend full day; 78 percent of Black children attended full day compared with 30 percent for White. Since fullday nursery school also meets the need for day care, payment for full-day nursery school is also payment for day care. Additionally, tuition in full-day nursery school and kindergarten may not be paid on the basis of an academic year, but it may be for a full calendar year rather than an academic year. Hence, in the tuition reported for nursery school and kindergarten attendance in these data, it is impossible to distinguish between payments made for school attendance and payments made for day care.

The proportions of children 3 to 5 years old in nursery school and kindergarten attending full day are as follows:

(October 1979. Numbers in thousands)

	Nurser	y school	Kinder	garten
Subject	Total	Percent all day	Total	Percent all day
All races	1,862 633 1,228	33.5 35.7 32.4	2,802 2,381 421	29.6 27.8 40.1
White Public Private	1,530 425 1,105	27.4 25.6 28.1	2,256 1,898 358	24.7 22.9 34.6
Black Public Private	278 185 93	65.5 58.9 79.6	472 418 54	51.3 48.1 (B)
Northeast North Central South	372 517 568 408	24.4 52.1	730 1,041	15.8 10.8 56.0 17.0
Metropolitan Central city Outaide central city. Nonmetropolitan	855	42.0 30.6	753 1,085	26. 34. 20. 36.

Table 13 shows that family income has no apparent relationship to the mean yearly tuition paid by families of private nursery school or kindergarten students, in contrast to the direct relationship between tuition and family income levels for private elementary and high school students. A pattern of increasing mean yearly tuitions paid by families of elementary and high school students with increasing family income was evident in the previous discussion and table 6, but no such pattern appeared for preprimary students.

Tuition for nursery schools varied somewhat by region. Tuition was lower in the Northern states than in the remainder of the country and lower in nonmetropolitan areas than in metropolitan areas. The differences in mean tuition

may be in part due to differences in the proportion of children attending full day but other factors not available in these data are obviously involved.

FAMILIES WITH CHILDREN IN PRIVATE ELEMENTARY AND HIGH SCHOOL

Enrollment. Families who send children to private school in some cases must deal with tuition for more than one child. A frequent question concerns whether families with fewer children are more likely to send children to private school simply because they can better afford it. A related question concerns whether people have fewer children so that more resources can be invested in their development or quality¹¹ (e.g., education). These survey data show that about 12 percent of all families with children enrolled in elementary and/or high school sent at least one child to private school; the proportion did not vary substantially by number of children enrolled in school (table E). Of the 2,665,000 private school families in 1979, about 60 percent had only one child enrolled in private school, 27 percent had two children enrolled, and the remainder had three or more children enrolled.

When families enrolled children in private school, they were most likely to enroll all of their children, but the likelihood of sending all children to private school decreased as the number of children increased. In fact, the majority of families with all children enrolled had only one child enrolled. Of two-child families with at least one child in private school, seven of ten sent both to private school. Of families with three or more children and at least one attending private school, about half of the families were sending all of the children to private school.

Although private school enrollment varies directly with income, income is not the sole determinant of private school attendance. At all income levels and with any number of children enrolled in school, the majority of families sent their children to public schools in 1979. Even for the richest with the least number of children enrolled, private school enrollment did not exceed public school enrollment. Of families whose income was \$50,000 or more and with only one child enrolled, fully 71 percent sent that child to public school.

One-fourth of families with incomes of \$50,000 and over sent all of their children to private schools including (and not different from) about 30 percent of one-child families and 20 percent of multiple-child families. For families whose income was \$25,000 to \$49,999, about one-eight sent all of their children to private school. For families with incomes of less than \$10,000, the figure was about 4 percent (table E). The proportion of each group sending any children to private school was 30 percent for highest income and 5 to 15 percent for lower incomes.



¹¹ Gary S. Becker and H. Gregg Lewis, "On the Interaction Between the Quantity and Quality of Children," Journal of Political Economy, Vol. 81, No. 2, Pt. 2, 1973. Gary S. Becker and Nigel Tomes, "Child Endowments and the Quantity and Quality of Children," Journal of Political Economy, Vol. 84, No. 4, Pt. 2, 1976.

Among Black families and White families with only one child enrolled in school, the proportion enrolling the child in private school was not very different, 11.5 percent for Whites and 10.0 percent for Blacks. With more children in school, the percentages diverged considerably so that Black families with more than one child enrolled were far less likely than Whites to be sending children to private school. Among Black families with four or more children enrolled, only 2 percent enrolled a child in private school, but among Whites, 16 percent enrolled at least one child. The data are insufficient to test the effect of both race and income by number of children per family on sending children to private school, but income probably is an important factor in the difference between White families and Black families and private school attendance.

There are many caveats to the interpretation of these data for families. They are for one point in time and do not show family histories; there may be many differences between lower and higher-income families that are not indicated here. For instance, the families, on average, may be in different stages of the family life cycle. Since income and earnings generally increase from young to middle adulthood, families with more income may be older and have some children who have finished school. Lower-income

families may be younger and have children only in the lower grades, where private school attendance is more frequent and less expensive. About 56 percent of families of higher income (\$25,000 and over) had a child in high school, among lower-income families (less than \$10,000), 42 percent had a child in high school. In addition, differences in child spacing and number of children may cause cross-sectional data for these families to look different from longitudinal or family history measures.

Tuition paid by families. Average tuition paid by families is dependent not only on the individual schools but the number of children attending and the combination of elementary and high school attendance, since tuitions at those two levels tend to be quite different.

As with tuition per child, tuition paid per family was higher for high-income families than low-income families. Families whose income was below \$10,000 paid a mean private school tuition of about \$666. In families with highest income (\$50,000 or more) mean tuition was \$2,519 (table F). Two reasons for this are evident: first, high-income families were more likely than low-income families to have more than one child attending private school, and second, high-income families paid a larger tuition per child and sent them

Table E Families With Children Enrolled in Elementary and High School, by Number of Children Enrolled in All Schools and in Private Schools and by Family Income: October 1979

Children enrolled	All	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$49,999	\$50,000 and over	Income not reported
All familes with children enrolled in school (thous.)	22,891	1,645	2.887	4,016	3,581	3,633	4,536	795	, 700
Percent with	,		2,000	.,	5,501	3,033	4,550	793	1,798
No children in private school	88.4	95.2 1.1	94.5	91.3	88.3	86.8	84.3	69.8	87.2
All children in private school	2.4 9.3	3.7	1.5 4.0	1.5 7.2	2.3 9.4	2.4 10.8	3.4 12.3	6.2 24.0	2.8 10.0
Families with one child	j						i		
enrolled (thous.)	10,731	769	1,347	1,875	1,696	1,716	2,069	328	931
Percent ith		i		- 1		Į			
Child not in private school	88.7	94.1	94.6	90.4	88.6	85.9	86	71.1	88.8
Child in private school	11.3	5.9	5.4	9.6	11.4	14.1	13.7	28.9	11.2
Families with two children									
enrolled (thous.)	7,699	477	851	1,312	1,232	1,287	1,707	299	533
Percent with	ì				1		·		
No children in private school	88.7	96.4	94.1	91.3	88.9	89.4	84.7	74.6	84.9
One child in private school	3.2	1.5	2.1	2.5	2.9	3.0	4.3	6.3	4.7
Both children in private school	8.1	2.0	3.8	6.2	8.2	7.7	11.0	19.1	10.5
Families with three children	- 1					ł	1		
enrolled (thous.)	3,026	234	403	558	439	443	578	129	241
Percent with	i	- 1	ŀ					***	241
No children in private school	86.7	94.7	93.7	92.5	87.2	84.1	91.0	1	
Some children in private school	6.4	2.8	3.8	2.9	6.7	7.2	81.9	56.4	85.3
All children in private school	6.9	2,5	2.5	4.6	6.1	8.6	9.6	22.0 21.6	7.4 7.3
Families with four or more children					l				,,,
enrolled (thous.)	1,436	165	285	270	215	186	ا د 18	39	
Percent with-			[[***	***/	100	103	39	93
No children in private school	87.8	97.4	96.6	94.5	ar s				
Some children in private school	7.0	2.6	3.2	4.2	85.2	84.3	66.0	67.0	89.7
All children in private school	5.2	2.0	0.2	1.3	8.0 6.9	9.0 6.6	17.5 16.5	28.4	8.1 2.2

^{*} Represents zero or rounds to zero.



to more expensive schools. Children of high-income families were substantially more likely than others to attend non-church-related schools (table 4), which tend to charge higher tuitions than church-related schools. Data presented in table 16 show annual tuition paid per family by number of children enrolled and family income.

Table F shows that even with one child enrolled, tuition paid by high-income families was greater than that paid by low-income families. In addition, tuition paid by a family increased with the number of children enrolled. While for one child, families paid a mean of \$820, for more than one child, the mean was well over \$1,000 a year. Although there is some evidence that the increment decreased with the number of children enrolled (this has been reported by church-related schools), 12 the reduced tuition for additional children was not relevant for the majority of families since 60 percent of families had only one child enrolled in private school. Conversely, however, private school children who had

no siblings also enrolled in private school constituted 38 percent of all private students.

Although tuition appears to have increased with income in that high-income families paid more than low-income families. it was not proportional to income, and total tuition comprised a lower proportion of total family income at higher income levels than lower income levels. Therefore, any change in tax policy relating to tuition would have greater affect on individual low-income families with children in private schools than on high-income families with children in private school. But because the likelihood of attending private school increased with income and mean tuition paid increased with income, then higher income families contributed a disproportionate amount in private school tuition and therefore they may be more affected in the aggregate by tuition or tax policy change than others. About 69 percent of the aggregate tuition paid to private elementary and high schools was paid by families with incomes of \$20,000 and over. About 59 percent of families with children enrolled in private school but only 42 percent of all families with children enrolled were in that income category. (About 54 percent of aggregate tuition was paid by families with income of \$25,000 or more; they were 25 percent of all families with children in school.)

Table F. Families With Children Enrolled in Private Elementary and High School and Mean Tuition, by Number of Children Enrolled and Family Income: October 1979

Children enrolled, tuition, and standard error	All incomes	Less than \$5,000	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$49,999	\$50,000 and over	Income not reported
All families with children enrolled in school (thous.)	22,891	1,645	2,887	4,016	3,581	3,633	4,536	795	1,798
Families with Children Enrolled in Private School			ļ		:	_		24.0	230
All families (thous.)	2,665 1,609 729 242 85	79 60 14 6	159 102 43 14	351 225 90 30 6	417 246 120 34 17	478 308 111 42 16	710 401 211 67 32	240 132 68 30 11	135 73 19 2
Percent All families	100.0 60.4 27.4 9.1 3.2	100.0 75.5 17.1 7.4	100.0 64.0 27.0 8.6 0.4	100.0 64.2 25.7 8.6 1.6	100.0 59.0 28.7 8.2 4.1	100.0 64.6 23.1 8.8 3.4	100.0 56.4 29.7 9.4 4.5	100.0 54.8 28.2 12.4 4.6	100.0 58.8 31.9 8.4 0.9
Mean Tuition All families	\$1,126 820 1,451 1,715 2,303	\$533 (B) (B) (B) (B)	\$732 636 (B) (B) (B)	\$829 619 1,258 (B)	\$939 791 1,093 (B)	\$862 708 1,143 (B) (B)	\$1,210 934 1,512 (B) (B)	\$2,519 1,472 (B) (B) (B)	\$1,166 723 (B) (B) (B)
Standard Error of the Mean All families 1 child enrolled 2 children enrolled 3 children enrolled 4 or more children enrolled	\$52 40 120 247 499	(x) (x)	‡111 127 (A) (X)	68 306 (X)	96 400 (x)	64- 160 (X)	\$81 85 166 (x) (x)	\$324 224 (x) (x) (x)	\$174 102 (x) (x) (x)

⁻ Represents zero or rounds to zero.

X Not applicable.



¹² National Catholic Educational Association, A Statistical Report on Catholic Elementary and Secondary Schools for the Years 1967-68 to 1969-70, Washington, D.C. 1970. Copyright, All rights reserved.

B Base less than 75,000.

Table 1. Private and Public Elementary and High School Enrollment, by Race and Spanish Origin: October 1948 to 1979

(Numbers in thousands. Civilian noninetitutional population)

	Elene	ntary and	high ech	001		Element	ery			High sc	n001	
•			Priv	/ate			Pri	vate			Priv	/ate
ace and year	Total enrolled	Public	Number	Percent	Total enrolled	Public	Mumber	Percent	Total enrolled	Publ*c	Number	Percer
LL RACES												,
979	42,981	38,750	4,231	9,8	27,865	24.756	3,109	11.2	15,116	13,994 14,231	1,122	7. 8.
978	43,965	39,483	4,482	10.2	28,490	25,252	3,238	11.4	15,475	14,505	1,248	7
977	44,987	40,488	4,499	10.0	29,234	25.983	3,251	11.1	15,753 15,742	14,541	1,201	7
976	45,516	41,239	4,276	9.4	29,774	20,698	3,075	10.3	15,685	14.508	1,178	7
975	46,131	41,674	4,457	9.7	30,446	27,166	3,279	10.8	15,447	14,275	1,172	7
974	46,573	42,231	4,341	9.3	31,126	27.956	3,169	10.2	15,347	14,162	1,184	7
73	46,816	42,363	4,452	9.5	31,469	28,201	3,268	10.4	15,169	14,015	1,155	7
72	47,411	42,708	4,704	9.9	32,242	28,693	3,549	11.0		14,057	1,126	,
7/2	48,690	43,886	4,804	9.9	33,507	29,829	3,678	11.0	15,183 14,715	13,545	1,170	l s
70	48,665	43,546	5,119	10.5	33,950	30,001	3,949	11.6	14,713	15,545	-,-,-	· ·
				10.4	22.700	29,825	3,964	11.7	14,553	13,400	1,153	7
969	48,341	43,225	5,117	10.6	33,788	29,527	4,234		14,145	12,793	1,352	9
968	47,906	42,320	5,586	11.7	33,761	28,377	4,562	13.6	13,790	12,498	1,292	9
967	47,230	41,375	5,854	12.4	33,440	27,934	4,590		13,364	11,985	1,377	
966	45,889	39,919	5,967	13.0	32,525	27,321	4,761	14.8	12,975	11,517	1,457	11
965	45,057	38,838	6,218	13.8	32,082		4,846		12,813	11,403	1,410	1 1
964	44,200	37,945	6,256	14.2	31,387	26,542		1	12,438	11,186		10
963	43,683	37,688	5,993	13.7	31,245	26,502	4,513		11,516	10,431	1,085	1 .
962	42,177	36,579	5,598	13.3	30,661	26,148		1	10,959	9,817		10
961	41,677	36,038	5,638	13.5	30,718	26,221	4,497		10,249	9,215		1
960	40,598	35,029	5,568	13.7	30,349	25,814	4,535	14.7	1	1	1	i
××××××××××××××××××××××××××××××××××××××	i .		l .	1 _		9, ,,,	4 702	160	9,616	8,571	1,045	1
959	38,998	33,251	5,747	14.7	29,382	24,680			1	8,485	1	l i
958	37,666	32,285	5,383	14.3	28,184	23,800			1	8 059		i
957	36,204	31,135		14.0	27,248	23,076			1	7,668		
957	34,712	30,142	4,570			22,474				7,181		-
955	33,419	29, 259		12.4	25,458	22,078				7,053		
954	32,160	28,469			24,427	21,416				6,600		
934	30,420	26,845			23,154	20,245				6,530		1
953.,	29,970	26.590			22,774					6,168		
952	28,622	25,464			21,842					1		
951 ¹	27,897	24,859			21,207							
1950*	26,946				20,486	18,090				1		
9492	26,083	23,608				17,779	9 1,994	10.1	6,310	5,82	' "°	ŀ
1948 ² ,	1 20,000	"",""	1	1	ļ			1			ŀ	1
CHITE		l	1				1					
	1	31,723	3,818	10.7	22,959	20,174	4 2,78	5 12.1				
1979	35,542				1			3 12.6				
1978	36,421								2 13,152		0 1,172	
1977	37,414								13,214	12,09		
1976	37,990									12,11		
1975	38,636		4,169									
1974	39,124	35,029						·		11,96	7 1,124	۱ ۱
1973	39,622					1			1		6 1,08:	
1972	40,144										7 1.06	۱]
1971	41,185	36,65				1	- 1		1		9 1,124	4 I
1970	41,361	36,52	2 4,839	11.7	7 28,638	24,92	" " "	·	1			1
	1	1 26 20		3 11.6	28,572	24,80	3 3,76	8 13.				
1969								4 14.				
1968	40,914					1						* I
1967	, 40,417							- 1	1 11,643		2 1,32	
1966	, 39,330								8 11,356	9,96		
1965.,	38,72								4 11,257	7 9.89		
1964	. ,0,0/0									4 9,78		
1963	, 37,70			1					6 10,270			
1962	, 36,34									7 8.63		
1961	. 30,03	30,64	9 5,38						1		241 99	9
1960	35,15	7 29,82	0 5,33	8 15.	2 26,03	´ ``',"	~ ~,,,	l	i i		1	. I
	1			5 16.	3 25,39	20.8	54 4,54	17.				
1959	. 33,98			` I								
1958	32,86											
1957	. 31,00		6 4,88					· 1	6 7.67			
1956	. 30,41					1			6 7,03			
1955	. 29,22								6 6.97	2 6.3		
1954	28,28										43 65	۱ ۵
1953,	. 26,76	23,29	90 3.47	13.	۲۱ ۲۰۰٬۲۰	- ,-	1		1	1	-	- 1
		1	1	1			-	1			1	1
BIACK				, ,	8 4,29	6 4.0	53 2	43 5.	7 2,24			74
1979	6,54								2,27		11 (55
1978	6,63								0 2,32		69	59
1977		4 6,4		30 4.					0 2.25		87	71
1976	6,68	8 6,44		66 3.					7 2,19			59
1975,		8 6,4	34 2	24 3.					9 2,12			54
1972					8 4.58							56
1974				52 3.	,9 4,4							54
1973				45 3.	7 4,5						1	55
1972					.2 4,8							41
1971					.6 4,8	58 I 4.6	68 7	200 4	.1 1,83	/- I * 1 /		- •

See footnotes at end of table.



Table 1 Private and Public Elementary and High School Enrollment, by Race and Spanish Origin: October 1948 to 1979—Continued

(Numbers in thousands. Civilian noninstitutional population)

	E1 ou	ntary and	high sc	hcol		Elamen	tary			High so	chool	
Race and year	Total		Pr	vate	Total		Pri	vate			Pri	vate
	enrolled	Public	Number	Percent	enrolled	Public	Number	Percent	Total enrolled	Public	Number	Percent
BLACKContinued												
1969	6,593	6,384	208	3, 2	4,785	4 4 2 2	l					
1968	6.434	6.275	208	3.2	4,716	4,633	151	3,2	1,808	1,751	57	3.2
1967	6.269	6.049	219	3,5	4.618	4,569	146	3.1	1,718	1,656	62	3.6
1966	6.561	6,367	194	3.0	4.840	4,444	173	3.7	1,651	1,605	46	2.8
1707	6,330	6,107	222	3.5		4,694	146	3.0	1.721	1,673	48	2.8
1964	6,122	5.893	230	3.8	4,711	4,551	160	3.4	1,619	1,556	62	3.8
19637	5,980	5,725	254		4,566	4,388	179	3.9	1,556	1,505	51	3.3
1962	5,635	5,440	195	4,2	4,536	4,321	215	4.7	1,444	1,404	39	2.7
1961	5.646	5,389	255	3.5	4,389	4,226	163	3.7	1,246	1,214	32	2.6
19603	5,440			4.5	4,424	4,207	216	4.9	1,222	1,182	39	3,2
	3,440	5,210	229	4.2	4,313	4,118	195	4.5	1,127	1,092	34	3.0
19593	5.017									-,,,		3.0
19583		4,825	192	3.8	3,987	3,826	161	4.0	1.030	999	31	
1957	4,802	4,602	199	4.1	3,804	3,621	182	4.8	998	981	17	3.0
1956	4,599	4,422	177	8	3,638	3,483	155	4.3	961	939		1,7
1015)	4,302	4,130	172	4.0	3,429	3,287	142	4.1	873		22	2.3
19553	4,199	4,009	190	4.5	3, 273	3,131	142	4.3		843	30	3.4
19543	3,879	3,739	140	3.6	3,118	3.004	114	3.7	926	878	48	5.2
1953 3	3,659	3,553	103	2.8	2,892	2, 798	93	3.2	761	735	26	3.4
SPANISH ORIGIN ⁴	j		[-,0,7	2.770	"	3.2	767	757	10	1.3
1070		ŀ	- 1		ļ]		ł	- 1		j	
1979	2,854	2,620	234	8.2	1,934	1,745	100	ا م		1		
1978	2,761	2,529	231	8.4	1.893	1,704	189	9.8	920	875	45	4.9
1977	2,802	2,490	312	11.1	1.874		188	9.9	868	825	43	5.0
1976	2,866	2,635	230	8.0		1,654	220	11.7	928	836	92	9,9
1975	3,010	2.744	265		1,934	1,768	165	8.5	932	867	65	7.0
19/4	2,956	2,638	319	8.8	2,062	1,858	204	9.9	948	886	61	6.4
1973	2,642	2,419		10.8	2,040	1,780	260	12.7	916	858	59	6.4
1972	2,712	2,419	223	8.4	1,884	1,712	172	9.1	758	707	51	6,7
	4,712	2,489	223	8.2	1,879	1,705	173	9,2	834	784	50	6.0



For persons 5 to 29 years old.
For persons 5 to 24 years old.
For persons of Black and other races.
Persons of Spanish origin may be of any race.

Table 2. Private Elementary and High School Enrollment, by Metropolitan/Nonmetropolitan Residence, Race, and Spanish Origin: October 1967 to 1979

Numbers in thousande, Civilian no				Xet	ropolit	an .		_				Nonme	tropolit	en
		l' areas		In C	entral C	ity	0	Outside	cantra	city			Priv	a te
evel of school, race, and year	Total.		vete	Total,	Pr	vate	1	otel,	Pri	vate		tal.		
AVEL OF SCHOOL!	public and			public and	V b	Percent		snd rivate	Number	Percent		and	Number	Percent
	private	Number	Percent	private	Number		+-				┼			
ELFMENTARY AND HIGH SCHOOL				'						Ì				
All Races						.	.	17,329	1,731	10.0	, 1	4,547	725	5.0
1979	28,435	3,505	12.3	11,106	1,774		1.	17,497	1,851	10.6	1	4,939	712	4.8
1978	29,026	3,771	13.0	11,529	1,906			18,187	1,798	9.9		5,109	796	5.3 5.2
1977	29,877	3,704		11,690 12,470		1	1 .	18,110	1,647	9.1		4,937	773	4.9
1976	30,580	3,503		13,018	1,962	l		18,325	1,776	9.		4,.38	721	4.5
1975	31,343	3,738		13,143				18,436	1,776	9.		4,990	672	4.7
1974	31,581	3,670		13,562				18,199	1,795	9.		5,056	706 718	4.6
1973	31,761	3,746		13,527	1,99	14.	7	18 401	1,992		* I .	5.483	972	5.3
1972	31,928	3,987		12,398				18,108	1,999		· .	8, 184	993	5.5
1971	30,506			12,588				17,905	2,072			8,172	978	5.5
1970	30,493			1				17,787	2,000		- 1 -	7,829	1,012	5.7
1969	30,514			12,577	1	1		17,727	2,273		* I .	17,601	1,194	6.8
1968	30,304			12,477			0	17,212	2,420	14.	ין י	17,541	1,./-	1
1967	29,689	4,660	'\ '''	,	"					ł				l .
White	ì					9 20.	ا	15,575	1,640	10.		12,812	712	
1979	22,730							15,954	1,77	9] 11.		12,958	702	
1978	23,463					. 1		16,651	1,70	10.		13,036	776	1
1977	24,379					1		16,556	1,57	0 9.		13,123	758	1
1976	24,867							16,798	1,71	4 10		12,939	695	1
1975	25.697							16,969			• • •	13,152		1
1974	(42,7%							16,994			1	13,297	700	
1973	26,320	6 3,44						17,160		9 11		13,610		
1972	, 40,33							16,768	1,93		· · · · · ·	15,981		
1971	25,20						[i]	16,699			1	15,872		
1970	25,49	0 3,86					.71	16,598		0 11		15,590		
1969	25,56					** L	.3	16.574				15,377		1
1968	. 25,53						.5	16,090	2,39	6 14	.9	15,271	1,163	' ''`
1967	. 25,14	1 4,43	17.	۰۱ "	. .,,	``							1	1
Black		1	1	1							1.5	1,513		4 0.
1979	5,02	8 3:	6.			* I .	5.8	1,419	' I .		.4	1,750)	1 0.
1978	4.88	2 20	55 5.		~ .	1	5.6	1,22		64 !	5.2	1,808		9 0.
1977	4,90	7 2	71 5.				8.	1,23		54 4	4	1,666		
1976	5,02	23 2	36 4.				. 5	1,20		38	3.2	1,681		
1975	5,02		11 4.		• • • • • • • • • • • • • • • • • • • •		3.5	1,14		43 3	3.7	1,69	' 1	8 0. 5 0.
1974	5,01		77 3.		- 1		5.5	98		29	2.9	1,58	"I.	- 1
1973	. 4,93		47 5.				5.1	1,06	6 l	36	3.4	1,68	~ I .	
1972	. 1 7,7		34 4				3.8	1,09			5.0	2,01	· .	9 0.
1971			00 4				4.8	1,02			4.7	2,08	' I .	i i.
1970		- · · ·	22 4		~ •		4.6	1,01			2.5	2,04	* I	4 6.
1969			• • • • • • • • • • • • • • • • • • • •		- ·		5.5	98	1		1.8	2,05	'l l .	25 i.
1968	4,,				, ,	79	5.6	93	6	14	1.5	2,11	' '	· · · · · · · · · · · · · · · · · · ·
1967	4,1	49 1	93 4	.7 3,2	"				1	-	- 1			l l
Spanish Origin ¹					_			*	99	75	8.3	49	19	10 2
1979	2,3			.5 1,4 .7 1,3	94	152	0.2	1,0	37	75	7.2 8.4	43	1	4 0 28 6
1978	•• •• •			.i i.i			4.8	1,0		85 55	5.7			14 2
1977	** 493			2 1.3			11.7		64		10.4		32	5 0
1976					90		11.0		35					16 2
1076	"			.1 1,	442		11.3			69	8.8			18 3
1974	•••				317	[10.3		83	57	7.4			35 6
1973					376	130	9.4	۱ ′	74	"	/···			-
			1								.			
ELFHENTARY				1	1	ļ				ļ	- 1			
All Races	١.,	,,,,	544 1	3,8 7,	287 1	281	17.6	11,1			11.4	9,4 9,7		564 6 538 5
1979	18,					378	18.4				11.8	9,7		606
10*8						,340	17.5				11.2	9.8		589
1977	17"				246 1	,269	15.4	11,6		217	10.9	9,8		569
1936				3.2 8.	646 1	,416	16.4	11,9		296	10.8	10,0		497
1035	**,			2.7 8.	924 1	,370	15.4			303	11.0	10,1	/~ - [545
1974	.,. **,			2.8 9	277 1	,393	15.0			330	12.3	10,6		586
1973	***				328 1	,455	15.6			509	12.3	12,6		772
1977	.,. 44,				538 1	,384	16.2			521	12.9	12.7		780
1071	} 20,			4.9 8	799 1	,563	17.8			606	12.6	12.		798
1070	1 44,				967 1	,618	18.0			,548	13.9	12,4		804
				_		707. [19.1	12.	403 1	, 725			1	
1968			,429			,704 ,682	19.1			890	15.6	12.	504	990

See footnotes at end of table.



Table 2. Private Elementary and High School Enrollment, by Metropolitan/Nonmetropolitan Residence, Race, and Spanish Origin: October 1967 to 1979—Continued

(Numbere in thousande, Civilian					tropoli					Non	metropol	
I awal of askal		All ares		In	central	city	Outsid	e centre	1 city	1012	1	
Level of school, race, and year	Total, public		vate	Total,	Pr	ivate	Total, public	Pr	lvate	Total,	Pr	lvate
	and private	Number	Percent	And private	Number	Percent	and	Number	Percent	public And private	Number	Percent
RLEMENTARYContinued								 		 	-	Porconc
White						i	1			ļ		
1979	14,646 15,041 15,728 16,150 16,812 17,238 17,579 17,907	2,229 2,443 2,358 2,252 2,514 2,505 2,485 2,758	15.2 16.2 15.0 13.9 15.0 14.5 14.1	4,662 4,852 5,079 5,513 5,892 6,073 6,327 6,436	1,035 1,161 1,122 1,095 1,263 1,250 1,203 1,292	22.2 23.9 22.1 19.9 21.4 20.6 19.0 20.1	10,189 10,649 10,637 10,920 11,165 11,252	1,194 1,282 1,236 1,157 1,251 1,255 1,282	12.0 12.6 11.6 10.9 11.5 11.2	8,484 8,534 8,626 8,600 8,814 8,953	555 531 592 578 546 484 540	6.7 '6.3 6.9 6.7 6.3 5.5
1971 1970 1969 1968	17,170 17,636 17,705 17,860 17,600	2,713 2,950 2,996 3,258 3,400	15.8 16.7 16.9 18.2 19.3	5,749 6,059 6,213 6,261 6,277	1,248 1,394 1,477 1,553 1,523	21.7 23.0 23.8 24.8 24.3	11,471 11,421 11,577 11,492 11,599	1,466 1,465 1,556 1,519 1,705	12.8 12.8 13.4 13.2 14.7	9,279 11,016 11,002 10,865 10,774	557 753 764 772 797	6.0 6.8 6.9 7.1 7.4
Black				\ \!\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	.,525	24.3	11.323	1,877	16.6	10,815	970	9.0
1979	3,300 3,222 3,169 3,318 3,352 3,418 3,410 3,377 3,421 3,327 3,289 3,181 3,037	239 201 214 169 154 125 192 180 152 186 137 144 154	7.2 6.2 6.8 5.1 4.6 3.7 5.6 5.3 4.4 5.6 4.2 4.5	2,392 2,405 2,408 2,482 2,567 2,676 2,768 2,670 2,663 2,588 2,592 2,509 2,381	200 171 172 126 127 97 167 150 106 146 116 133	8.4 7.1 7.1 5.1 5.1 6.0 5.6 4.5 5.3 6.1	908 817 761 836 785 742 642 707 758 739 697 672 656	39 30 42 43 27 28 25 30 46 40 21 11	4.3 3.7 5.5 5.1 3.8 3.9 4.2 6.1 5.4 3.0 1.6	996 1,135 1,219 1,113 1,156 1,167 1,064 1,197 457 .,741 1,496 1,535 1,581	4 1 7 6 12 7 4 13 14 14 14 12	0.4 0.1 0.6 0.5 1.0 0.6 0.4 1.1 1.0 0.9 0.9
979	1,604 1,589 1,558 1,586 1,670 1,599 1,494 1,487	181 184 196 153 203 252 161 138	11.3 11.6 12.6 9.6 12.2 15.8 10.8 9.3	1,017 898 906 932 1,018 988 939 954	121 125 132 109 124 140 106 93	11.9 13.9 14.6 11.7 12.2 14.2 11.3 9.7	587 691 652 654 652 611 555 533	60 59 64 44 79 112 55 45	10.2 8.5 9.8 6.7 12.1 18.3 9.9 8.4	330 304 318 347 392 442 390 392	7 4 24 11 2 8 11 34	2.1 1.3 7.5 3.2 0.5 1.8 2.8 8.7
11 Races	1					ĺ			ŀ	ĺ		
779	10,304 9,610 9,245 9,237 8,965	961 1,070 1,058 1,017 1,026 997 1,023 1,023 927 956 974 1,144 1,088	9.6 10.4 10.0 9.6 9.5 9.8 9.9 9.6 10.3 10.5 12.8	3,819 4,048 4,018 4,224 4,221 4,285 4,199 3,789 3,760 3,760 3,663	493 542 566 587 546 524 558 540 449 490 522 536 558	12.9 13.4 14.1 13.9 12.5 12.4 13.0 12.9 11.6 12.9 13.9 16.4 15.2	6,207 6,267 6,564 6,416 6,406 6,318 6,155 6,105 5,750 5,456 5,477 5,324 5,089	468 528 492 430 480 473 465 478 466 452 548 530	7,5 8,4 7,5 6,7 7,5 7,6 8,3 8,5 8,3 10,3	5,090 5,160 5,170 5,103 4,907 4,908 4,907 4,865 5,573 5,470 5,317 5,180 5,037	161 174 190 184 152 175 161 132 200 213 180 208 204	3.2 3.4 3.7 3.6 3.1 3.6 3.3 2.7 3.6 3.9 3.4
79	8,084	876	,,,	2 (02	,							
78	8,422 8,651 8,717 8,885 8,735 8,747 8,628 8,033 7,854 7,862 7,677	876 985 988 941 961 934 964 951 870 917 913 ,072	10.8 11.7 11.4 10.8 10.7 11.0 11.0 11.0 11.7 11.6 14.0 13.7	2,493 2,657 2,649 2,798 3,007 2,931 3,005 2,939 2,686 2,732 2,756 2,702 2,774	424 488 524 528 498 480 505 478 404 460 472 535 517	17.0 18.4 19.8 18.9 16.6 16.4 16.3 15.0 16.8 17.1 19.8 18.6	5,591 5,765 6,002 5,919 5,878 5,804 5,742 5,689 5,347 5,122 5,106 4,975 4,767	452 497 464 413 463 454 459 473 466 457 441 537 519	8.1 8.6 7.7 7.0 7.9 7.8 8.0 8.3 8.7 8.9 8.6 10.8	4,498 4,474 4,502 4,497 4,339 4,338 4,344 4,331 4,965 4,870 4,725 4,603 4,456	157 171 184 180 149 173 160 131 192 207 172 200 192	3.5 3.8 4.1 4.0 3.4 4.0 3.7 3.0 3.9 4.3 3.6 4.3

See footnotes at end of table.



Table 2. Private Elementary and High School Enrollment, by Metropolitan/Nonmetropolitan Residence, Race, and Spanish Origin: October 1967 to 1979—Continued

Numbers in thousands. Civilian no	ninscreac.			Met	ropolita	n			1	Nonmo	tropoli	:4B
		ll areas			entral c		Outside	central	city		Pri	vate
Level of school, race, and year	Total.		vate	Total,	pri	rate	Total.	Pri	vate '	Total, public		
	public and private	Number	Percent	public and private	Number	Percent	and private	Number	Percent	and private	Number	Percent
HIGH SCHOOLContinued												
Black						١.,	511	10	2.0	517	-	-
1979	1,728 1,660 1,738 1,705 1,674 1,595 1,523 1,540 1,449 1,289 1,256 1,192	55 54 48 36 50	3.4 3.3 3.6 3.5 3.3 2.8 4.0 5.0	885	41 35 56 46 37 51 48 39 28 46	2.8 4.9 6.0	399 465 397 417 407 342 359 338 284 321	23 22 11 11 15 4 6 9 8	5.8 4,7 2.8 2.6 3.7 1.2 1.7 2.7 2.8 1.2		1 1 6 5 7 2	1.1 0.9 1.3 0.4
Spanish Origin ¹ 1979	74 75 71	2 4 2 8 7 6 5 5 2 5 6 4	5.8 9 11.1	39 44 43 47 47 45 3	6 2: 5 6! 7 5: 2 4! 4 2: 8 3	6.8 3 15. 1 11. 5 8. 3 5. 7.	340 35 31 31 28 1 25 9	10 7 10 11 13 18 18 1	4.6 1 5.5 1 3.5 8 6.4	12: 12: 18: 19: 20: 1 15:	6 0 4 2 2	3 1. 3 3. 3 1. 3 1. 5 3. 7 4.

Note: Data for 1967 to 1971 are for metropolitan areas identified in the 1960 Cenaus; data for 1972 to 1979 are for metropolitan areas identified in the 1970 Cenaus. The large increase in population in metropolitan areas from 1971 to 1972 is due to the change in definition and not an actual population shift

¹Persons of Spanish origin may be of any race



Table 3. Private and Public Elementary and High School Enrollment, by Church Status of School, Region, and Metropolitan/Nonmetropolitan Residence: October 1979

	1				Private					Percent		
Level of school, region, and metropolitan/nonmetropolitan residence											Private	
	Total enrolled	Public	Total	Church related	Not church related	Not reported	Total enrolled	Fublic	Total	Church related	Not church related	Not reported
ELEMENTARY AND HIGH SCHOOL						<u> </u>		 				
Region		}	İ									
United States	42,981 9,734 11,198 14,482 7,567	38,750 8,514 9,911 13,356 6,970	4,231 1,220 1,287 1,126 597	3,531 1,077 1,161 826 467	598 113 95 280 109	103 30 31 20 22	100.0 100.0 100.0 100.0 100.0	90.2 87.5 88.5 92.2 92.1	9.8 12.5 11.5 7.8 7.9	8.2 11.1 10.4 5.7 6.2	1.4 1.2 0.8 1.9 1.4	0.2 0.3 0.3 0.1 0.3
Metropolitan	28,435 11,106 17,329 14,546	24,929 9,332 15,598 13,821	3,506 1,774 1,732 725	2,955 1,495 1,459 576	467 235 232 131	84 44 41	100.0 100.0 100.0	87.7 84.0 90.0 95.0	12.3 16.0 10.0 5.0	10,4 13.5 8.4 4.0	1.6 2.1 1.3	0.3 0.4 0.2
ELEMENTARY						- ,	100.0	77.0	3.0	4.0	0.9	0.1
Rogion												
United States	27,865 6,204 7,200 9,590 4,871	24,756 5,337 6,228 8,775 4,417	3,109 867 973 815 454	2,667 791 889 625 362	388 63 65 179 81	54 12 19 12 12	100.0 100.0 100.0 100.0	88.8 86.0 86.5 91.5 90.7	11.2 14.0 13.5 8.5 9.3	9.6 12.8 12.3 6.5 7.4	1.4 1.0 0.9 1.9	0.2 0.2 0.3 0.1 0.2
Residence			j	j	l						**/	0.2
Metropolitan In central city Outside central city Nonmetropolitan	18,409 7,286 11,122 9,456	15,864 6,005 9,859 8,892	2,545 1,281 1,263 565	2,188 1,106 1,082 479	312 152 159 76	45 23 22 10	100.0 100.0 100.0 100.0	86.2 82.4 88.6 94.0	13.8 17.6 11.4 6.0	11.9 15.2 9.7 5.1	1.7 2.1 1.4 0.8	0.2 0.3 0.2 0.1
HIGH SCHOOL	l	l		ĺ		- 1		1	ļ			• •
Region		ľ			!						1	
United States	15,116 3,531 3,998 4,892 2,696	13,994 3,177 3,683 4,581 2,553	1,122 354 315 311 143	864 286 272 201 105	210 50 31 102 28	49 18 12 9	100.0 100.0 100.0 100.0	92.6 90.0 92.1 93.6 94.7	7.4 10.0 7.9 6.4 5.3	5.7 8.1 6.8 4.1	1.4 1.4 0.8 2.1	0.3 0.5 0.3 0.2
Residence		1		-	}				"	7.7	1.0	0.4
Metropolitan	10,026 3,819 6,207 5,090	9,065 3,326 5,739 4,929	961 493 468 161	766 390 377 98	155 83 72 55	40 21 19 9	100.0 100.0 100.0 100.0	90.4 87.1 92.5 96.8	9.6 12.9 7.5 3.2	7.6 10.2 6.1 1.9	1,5 2,2 1,2 1,1	0.4 0.5 0.3 0.2



Table 4. Private and Public Elementary and High School Enrollment for Dependent Family Members, by Church Status of School, Family Income, Education of Family Householder, Race, and Span'sh Origin: October 1979

(Numbers in thousands, Civilian noni				Pr	lvate		l		Per	rcent		
Level of echool, family income,		ł								Pri	Lvate	
education of family householder, race, and Spanish origin	Total enrolled	Public	Total	Church related	Not church related	Not reported	Total enrolled	Public	Total	Church related	Not church relaced	Not reported
ELEMENTARY AND HIGH SCHOOL												
ALL RACES		l					1					
Family Income											, ,	0.2
All incomes Less than \$5,000 \$5,000 to \$9,999 \$10,000 to \$14,999 \$20,000 to \$24,999 \$25,000 to \$49,999 \$15,000 and over Income not reported	42,353 3,501 5,884 7,417 6,404 6,458 7,973 1,493 3,224	38,153 3,386 5,636 6,890 5,758 5,736 6,809 1,082 2,855	4,200 115 248 526 646 721 1,163 411 369	3,518 97 200 479 585 662 994 229 271	584 5 38 41 52 49 157 173 69	98 13 10 6 9 10 12 9 28	100.0 100.0 100.0 100.0 100.0 100.0 100.0	88.8 85.4 72.5	9.9 3.3 4.2 7.1 10.1 11.2 14.6 27.5	12.5 15.3	1.4 0.1 0.6 0.6 0.8 0.8 2.0 11.6 2.1	0.4 0.2 0.1 0.1 0.2 0.2 0.6 0.9
Education of Householder	ŀ								١.,	8.3	1.4	0.2
All education levels	3,759	38,153 5,647 5,983 14,199 5,429 3,154 3,042 699		3,518 194 346 1,266 641 522 505 45	12 32 136 91 113 199	18 28 11 11 13	100.0 100.0 100.0 100.0	96.2 93.8 90.8 88.0 83.0	3.8 6.2 9.2 12.0 17.0	3.3 5.4 8.1 10.4 13.7 13.4	0.2 0.5 0.9 1.5 3.0 5.3	0.3 0.3 0.2 0.2 0.3 0.3
WHITE				ļ		İ	Ì	ļ				
Family Income				1		1			10.	9.1	1.5	0.2
All incomes. Less than \$5,000. \$5,000 to \$9,999. \$10,000 to \$14,999. \$15,000 to \$19,999. \$20,000 to \$24,999. \$25,000 to \$49,999. Income not reported.	6,101 5,684 5,833 7,453	5,185 6,382 1,034	78 183 480 599 648 1,072	543 543 544 598	21 3 40 3 41 3 41 6 16		100. 100. 100. 100. 100. 100. 100. 100.	95.9 0 95.3 0 92.3 0 89.4 0 88.0 0 72.	4. 3. 4. 1. 7. 4. 10. 9. 11. 6. 14. 6. 27.	3.6 7 3.8 9 7.1 6 9.6 1 10.3 4 12.3 4 15.3	0.2 0.7 0.7 0.8 0.7 1.9	0.4 0.2 0.1 0.2 0.2 0.2 0.6
Education of Householder	1	}	1				1				.)	0.2
All education levels Elementary: 0 to 8 years High school: 1 to 3 years years College: 1 to 3 years 4 years 5 or more years	4,275 4,448 13,390 5,270 3,487	4,075 4,103 12,103 4,619 2,89 2,86	200 345 3 1,286 9 656 3 596 7 665	18 30 30 1,13 56 44 47 46	1 5 6 12 7 8 3	9 1 7 1 5 2 2 0 1		0 95. 0 92. 0 90. 0 87. 0 83.	3 4. 2 7. 4 9. 6 12. 0 17. 2 18.	7 4. 8 6. 6 8. 4 10. 0 13. 8 13.	2 0.6 9 0.6 5 0.6 7 1.6 6 3.5	0.3 0.3 0.2 0.1 0.3
Education not reported	. 60	' '"	' "				ł	ŀ				
BIACK]									1
Family Income All incomes Less than \$5,000 \$5,000 to \$9,999 \$10,000 to \$14,999 \$20,000 to \$24,999 \$25,000 to \$49,999 \$25,000 and over Income not reported	1,52 1,83 1,15 60 51	8 1,49 3 1,77 4 1,11 4 56 5 45 7 29 5 3	6 3 7 5 3 4 9 3 5 6 17 6	2 6 1 5 0 0 5	58 577 55 641 532 533 541 5719	13 - 9 - 3 5 5 9 5 2	11 100 5 100 2 100 - 100 1 100 1 100 - 100 3 100	.0 97 .0 96 .0 96 .0 94 .0 88 .0 83 B) ((.9 2 .9 3 .5 3 .2 5 .3 11 .3 16 B) (.7 14. B) (E	8 5 5 0. 1 1. 2	0.3 0.1 - - 0 0.3 5 (B)
Fducation of Householder All aducation levels Elementary: 0 to 8 years High school: 1 to 3 years 4 years 5 or more years Education not reported	1,75 2,01 77	1,45 1,75 1,3 1,8 1,9 76 1,9 1	52 52 89 103 60	18 44 24 1 76 29	68 111 34 15 67 27 12	33 3 5 7 7 7 1		98 97 90 90 90 90 90 90 90 90 84	.8 1 .6 2 .8 6 .3 9 .8 15	2 0 1.4 1 5.2 5 7 8 5.2 14 5.7 9	.7 0. .6 0	3 0.

See for note at end of table.



Table 4 Private and Public Elementary and High School Enrollment for Dependent Family Members, by Church Status of School, Family Income, Education of Family Householder, Race, and Spanish Origin:
October 1979—Continued

			Pr	ivete		<u> </u>		F	ercent		
			Γ				ļ ———			rivat-	
Total enrolled	Public	Total	Church related	Not church related	Not reported	Total enrolled	Public	Total	Church related	Not church related	Not reported
					_						
	1										
2,920 486 682 704 348 226 277 8 188	2,674 473 648 648 299 193 231 6	246 13 34 56 50 33 46 2 12	218 13 26 55 46 29 36 2	21 - 7 2 2 5 7 -	7 1 2 2 3 3 - 7	100.0 100.0 100.0 100.0 100.0 100.0 (B)	91.6 97.3 95.0 92.0 85.8 85.4 53.3 (B)	8.4 2.7 5.0 8.0 14.3 14.6 16.7 (B) 6.3	7.5 2.7 3.8 7.7 13.1 12.6 13.1 (B) 6.3	0.7 1.0 0.2 0.5 2.0 2.4 (B)	0.2
2.920	2.674	266	210	2,							
1,242 444 713 235 111 60 114	1,184 407 616 199 104 49	59 36 96 36 8	52 35 87 30 5	5 - 8 6 3	2 2 1 - 2 2 - 2	100.0 100.0 100.0 100.0 100.0 (B)	91.6 95.3 91.8 86.5 84.7 93.1 (B)	8.4 4.7 8.2 13.5 15.3 6.9 (B)	7.5 4.2 7.8 12.2 12.9 4.4 (B)	0.7 0.4 - 1 1 2.4 2.5 (B)	0.2 0.2 0.4 0.1
											-
						İ				l	
							İ		İ	İ	
27,825 2,509 4,090 5,220 4,263 4,192 4,770 871 1,910	24,720 2,417 3,897 4,795 3,761 3,633 3,954 599 1,664	3,105 92 194 425 502 559 817 272 246	2,665 80 167 389 464 518 700 155 191	388 3 25 31 35 34 111 112 36	53 8 2 5 3 7 5 5	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	88.8 96.3 95.3 91.9 98.2 86.7 82.9 68.8 87.1	11.2 3.7 4.7 8.1 11.8 13.3 17.1 31.2 12.9	9.6 3.2 4.1 7.5 10.1 12.4 14.7 17.8 10.0	1.4 0.1 0.6 0.6 0.8 0.8 2.3 12.9 1.9	0.2 0.3 0.1 0.1 0.2 0.1 0.5
ŀ		.			1						
27,825 3,721 4,152 10,089 4,225 2,474 2,490 674	24,720 3,563 3,864 9,030 3,672 2,014 1,948 629	3,105 158 289 1,060 552 461 542 45	2,665 145 260 960 477 394 385 45	388 5 18 90 65 61 149	53 8 11 10 11 5	190.0 100.0 100.0 100.0 100.0 100.0 100.0	88.8 95.8 93.1 89.5 86.9 81.4 78.2 93.4	11.2 4.3 7.0 10.5 13.1 18.6 21.8 6.6	9.6 3.9 6.3 9.5 11.3 15.9 15.5	1.4 9.1 0.4 0.9 1.5 2.5 6.0	0.2 0.2 0.3 0.1 0.3 0.2
	Ì							- 1			
	-								Ì		
22,927 1,365 2,772 4,344 3,797 3,786 4,429 829 1,605	20,146 1,304 2,625 3,957 3,333 3,286 3,686 574 1,382	2,781 61 147 387 464 500 743 255 223	2,385 54 124 353 431 465 639 145 173	354 2 23 30 30 29 99 107 35	42 5 5 3 7 5 3 16	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	87.9 95.6 94.7 91.1 87.8 86.8 83.2 69.2 86.1	12.1 4.4 5.3 8.9 12.2 13.2 16.8 30.8 13.9	10.4 4.0 4.5 8.1 11.4 12.3 14.4 17.5 10.8	1.5 0.1 0.8 0.7 0.8 0.8 0.8 2.2 12.9 2.2	0.2 0.3 - 0.1 0.1 0.2 0.1 0.4
22,927 2,766 2,860 8,571 3,576 2,267 2,327	2,624 2,605 7,626 3,092 1,848 1,831	142 255 945 483 419 496	2,385 133 232 853 420 353 354	354 5 15 81 56 61 135	42 5 7 10 8 5 7	100.0 100.0 100.0 100.0 100.0 100.0		12.1 5.1 8.9 11.0 13.5 18.5 21.3	10.4 4.8 8.1 10.0 11.7 15.6 15.2	1.5 0.2 0.5 0.9 1.6 2.7 5.8	0.2 0.2 0.2 0.1 0.2 0.2
	2,920 486 682 2,920 1,242 444 713 235 2111 600 114 27,825 2,509 4,090 5,220 4,263 4,192 4,263 4,192 4,263 4,192 4,263 4,192 4,263 4,192 4,263 4,192 4,263 4,192 4,263 4,192 4,263 4,192 4,263 4,192 4,263 4,192 4,263 4,192 4,	2,920 2,674 473 682 704 648 299 226 193 231 8 6 188 176 244 447 713 616 235 191 111 60 49 114 114 60 49 114 114 60 49 114 114 60 49 114 114 60 49 114 114 60 49 114 114 60 49 114 114 60 49 114 114 60 49 114 114 60 49 114 114 60 49 114 114 60 49 114 114 60 49 114 114 60 49 114 114 60 49 114 114 60 49 114 114 60 49 114 114 60 49 114 114 60 60 49 114 114 60 60 49 114 114 60 60 49 114 114 114 60 60 49 114 114 114 114 114 114 114 114 114	2,920 2,674 246 485 682 648 34 704 648 56 348 299 50 226 193 33 277 231 46 6 2 188 176 12 2,920 2,674 246 407 36 96 2 188 176 12 2,920 2,674 246 407 36 96 2 188 176 12 2,920 2,674 246 1,184 59 444 407 36 96 31 11 104 8 60 49 10 114 114 27,825 24,720 3,105 25 2,509 2,417 4,090 3,897 5,220 4,795 425 4,263 3,761 502 4,192 3,633 557 4,770 3,94 7,770 3,95 7,770 3,970 3,770 3,	Total enrolled Public Total Church related 2,920 2,674 246 218 486 473 13 13 682 648 34 26 704 648 56 55 348 299 50 46 226 193 33 29 277 231 46 36 8 6 2 2 188 176 12 12 2,920 2,674 246 218 1,242 1,184 59 52 444 407 36 35 713 616 96 87 235 199 36 30 111 104 8 5 60 49 10 9 114 114 27,825 24,720 3,105 2,665 2,509 2,417 92 4,060 3,897 194 5,220 4,795 425 389 4,700 3,897 194 5,220 4,795 425 389 4,700 3,954 817 700 871 599 272 155 1,910 1,664 246 191 27,825 24,720 3,105 2,665 2,509 3,415 59 518 4,770 3,954 817 700 871 599 272 155 1,910 1,664 246 191 27,825 24,720 3,105 2,665 1,365 1,363 3559 518 4,770 3,954 817 700 871 599 272 155 1,910 1,664 246 191 22,927 20,146 2,781 2,385 4,152 3,864 289 260 10,089 9,030 1,060 960 4,225 3,672 2,474 2,440 1,948 542 385 674 629 45 45 22,927 20,146 2,781 2,385 1,365 1,304 25 2,772 2,625 147 124 4,349 3,937 3,864 39 8,265 1,304 223 173 22,927 20,146 2,781 2,385 1,365 1,304 25 2,772 2,625 147 124 3,347 3,333 3,866 743 639 8,265 1,304 223 173 22,927 20,146 2,781 2,385 1,365 1,304 223 173 22,927 20,146 2,781 2,385 1,571 3,626 3,586 743 639 8,269 1,462 2,561 255 232 8,571 7,626 945 853 3,576 1,828 419 353 1,5267 1,831 496 354	Total enrolled Public Total related related 2,920	Total enrolled Public Total Church related reported 2,920 2,674 246 218 21 7 466 473 13 13 13 662 648 34 26 7 1 348 299 50 46 2 2 226 193 33 29 5 2 277 231 46 36 7 3 8 6 2 2 2 1 188 176 12 12 1 188 176 12 12 1 2,920 2,674 246 218 21 7 1,242 1,184 59 52 5 2 444 407 36 35 - 2 713 616 96 87 8 1 111 104 8 5 5 3 3 - 2 713 616 96 87 8 1 111 104 8 5 5 3 3 - 2 111 104 8 5 5 3 3 - 2 111 104 8 5 5 3 3 - 2 111 104 8 5 5 3 3 - 2 111 104 8 5 5 3 3 - 2 111 104 8 5 5 3 3 - 2 111 104 8 5 5 3 3 - 2 111 104 8 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	Total enrolled Public Total related related reported related reported rotal rotal related related reported related reported rotal rotal related related reported related reported related reported related related reported related related reported related related reported related related related reported related	Total enrolled Public Total related related reported enrolled Fublic Fortal related related reported enrolled Fublic Fublic Fortal related related reported enrolled Fublic Fubli	Total enrolled Public Total related related reported enrolled Fublic Total related related reported enrolled Fublic Total related related reported enrolled Fublic Total Fublic Total Fublic Total Fublic Total Fublic Total Fublic Fubli	Total related Public Total Church Church Rot Reported Public Related Policies Related Policies Related Policies Related Policies Related Relat	Total Public Total Church church church should provided p

See footnotes at end of table.



Table 4. Private and Public Elementary and High School Enrollment for Dependent Family Members, by Church Status of School, Family Income, Education of Family Householder, Race, and Spanish Origin:

October 1979—Continued

umbers in thousands. Noninetitut		Ī			ivate					Percent			
ivel of achool, family income, ducation of family householder, race, and Spanish origin				Church	Not church	Not	Tot	al		Chur		Not church	Not
	Total enrolled	Public	Total	related	related	reported	enroll	ed Publi	c Total	relat	d r	elated	raported
EMENTARY Continued			Ì	}		Ì						ŀ	
ACK			İ	1	1	1		l	-	1			
mily Income					1 ,,	,	100	1.0 94.	3 5.	, 4	.9	0.5	0.2
All incomes	4,288 1,095	4,046 1,068	243	211	23	3	100			· .	.2	0.1	0.3 0.2
than \$5,000	1,212	1,172 736	40 32	36	2	h	100	0.0 95	8 4.	2 4	.2	0.8	_
10,000 to \$14,999 15,000 to \$19,999	768 385	358	27	24	3			0.0 92 0.0 85		4 13	1.3	1.1	-
NA AAA += \$24.999	322 228	276 183	46	43 38	. 8	-	10	0.0 80		- 1	8)	3.4 (B)	(8)
25,000 to \$49,999 50,000 and over	22	17	5		5 2			(B) (1 0.0 92	· 1	' I '	6.6	0.7	1.:
ncome not reported	256	236	"	•			l				- 1		,
ducation of Householder			\	١		.] ,	. 10	0.0 94	.3 5.		4.9	0.5	0.
All oducation level	4,288 877	4,046 863) -	:	10	0.0	.6 1.	· · · ·	2.0	0.2	0.
Clementary: 0 to 8 years	1,199	1,170	29					0.0 92	.7 7	.3	6.9	0.4	0.
4 years	1,365	1,266	61	5	3				.3 10	.5 1	7.5	-	"
to 3 years	1117	96	3 27	,	ś ·	9		00.0 80	.7 19 B) (.3 B)	9.2 (B)	10.1 (B)	(8
or more years	69	68	3 3	١	1	-	-	""			l		
epanish origin ¹			1										
Family Income		1		3 18	, ,	7	3 1			.9	9.0	0.8	0.
All incomes	2,046		9 1	ő 1	ō	-	- 1			.8	2.8 4.8	1.3	
Ar AAA 40 999	.		* I :			1	- 1	.00.0			10.2	0.1	
\$10,000 to \$14,999	219	18	4 3	5 3	13	2 2			1.9 18	3.1	16.6	1.5	1.
Ann nnn += \$24.999	•		~ !	8 3	29	5	3 1	100.0 7 (B)		l.1 (B)	16.2 (B)	3.0 (B)	
\$25,000 to \$49,999 \$50,000 and over	•	1	2	8	8	-1	- 1			6.7	6.7	-	1
Income not reported	• • • • • • • • • • • • • • • • • • •	' ''	"		-	1				ı			1
Education of Householder	1			03 1	83	17				9.9	9.0 5.3	0.8	
All education levels	2,04	0 8	io :	50	46	5			9.9 1	5.8 0.1	9.5		- -
Wish school: 1 to 3 years	2.	* .		75	69	6	-			4.9 9.1	13.8	3.	4
College: 1 to 3 years	17	1 1		33	27 3	6	-	100.0	5.0	5.1 (B)	4.2 (B)	0.°	
4 years 5 or more years	•• 1	ś	34	10	9	:1	2	(B) 100.0 1	(B) 0.0	\begin{align*} -	-	1	-
Education not reported	8	32	82	-	-	-1	- 1					İ	
HIGH SCHOOL	1	1		1				ľ	1			}	1
ALL RACES					- }	- 1		İ	.				
Family Income			1			-	- 1			, ,	5.9	1.	.4
All incomes	14,5	28 13,4				196	45	100.0	92.5	7.5	1.7	0.	.2
]	^~ [969 740	23 54	33	13	8	100.0	97.0	3.0	1.9		.7 .5
\$5,000 to \$9,999 \$10,000 to \$14,999	2,1	97 2,0	095	102 144	90 121	11	6	100.0	93.3	6.7	5.7 6.4	· I -	.8
\$15,000 to \$19,999 \$20,000 to \$24,999	- ! -	66 2,	103	163	144	15 45	3 7	100.0	92.8	7.2	9.2	1	.4
10 TOO 10 149,999	3,2	02 2,		347 139	294 74	61	5	100.0	77.7	9.3	11.8	- 1	.7
\$50,000 and over	••••			123	81	33	9	100 .c	90.7	<i>""</i>	• • • • • • • • • • • • • • • • • • • •		
Education of Householder		İ	1									, ا	4
All education levele	14,			095	854	196	45 8	100.0	92.5 97.0	3.0	5. 2.	3 0	0.3
clamentary: () to 8 years			120	65 108	86	15	7	100.0	95.2 93.3	6.7	3. 5.	5 0	0.8
High school: 1 to 3 years	5,	540 5	169	371 191	307 164	46 27	18	100.0	90.2	9.8	8.	4	3.8
college: 1 to 3 years		325 1	756	184	127	51	6	100.0	86.1	13.9	9.	.5	3.9
5 or more years			,094 69	176	121	50	- 11	(R)	(g)	(B)	(B	3)	(B) l

See funthates at end of table



Table 4. Private and Public Elementary and High School Enrollment for Dependent Family Members, by Church Status of School, Family Income, Education of Family Householder, Race, and Spanish Origin:

October 1979—Continued

(Numbers in thousands Noninstitu	itional pop	ulation	For me	aning of	symbols,	see text)	,					
found of out to a			<u> </u>	P:	rivate				P	rcent		
Level of school, family income, - e ucation of family householder, race, and Spanish origin	Total			Church	No:	.,				Pı	rivate Not	
	enrolled	Publ 1c	Total	related	related	Not reported	Total enrolled	Public	Total	Church related	church related	Not reported
HIGH SCHOOLContinued												
WHITE												
Family Income												
All incomes. Lees than \$5,000. \$5,000 to \$9,999. \$10,000 to \$14,999. \$15,000 to \$19,999. \$25,000 to \$24,499. \$25,000 to \$49,999. \$50,000 and over. Income not reported.	12,088 334 1,132 1,757 1,887 2,047 3,025 596 1,111	11,078 516 1,095 1,665 1,751 1,898 2,696 460 996	1,010 18 37 92 135 148 329 136 115	785 13 23 80 112 133 279 71 73	183 1 5 11 17 13 43 61 33	42 3 8 2 6 2 7 7	100.0 100.0 100.0 100.0 100.0 100.0 100.0 100.0	91.6 96.7 96.8 94.7 92.8 92.8 89.1 77.2 89.6	8.4 3.3 3.2 5.3 7.2 7.2 10.9 22.8 10.4	6.5 2.5 2.1 4.6 5.9 6.5 9.2 11.9 6.6	1.5 0.2 0.5 0.6 0.9 0.6 1.4 10.2 3.0	0.4 0.6 0.7 0.1 0.3 0.1 0.2 0.8
All education levels	12,088 1,511 1,587 4,819 1,700 1,220 1,205 45	11,078 1,452 1,497 4,476 1,527 1,045 1,036	1,010 60 90 343 173 175 169	785 48 73 283 147 120 114	183 4 11 43 26 49 49	42 8 6 17 - 6 5	100.0 100.0 100.0 100.0 100.0 100.0	91.6 96.0 94.3 92.9 89.8 85.7 86.0	8.4 4.0 5.7 7.1 10.2 14.3 14.0 (B)	6.5 3.2 4.6 5.9 8.6 9.9 9.5 (B)	1.5 0.3 0.7 0.9 1.5 4.0 4.1 (B)	0.4 0.5 0.4 0.4
BLACK			j									
Family Income			1		İ	1	ľ			1	İ	
All incomes. Lags than \$5,000. \$5,000 to \$9,999. \$10,000 to \$14,999. \$15,000 to \$14,999. \$20,000 to \$24,999. \$25,000 to \$49,999. Locome not reported. Education of Householder	2,166 433 621 386 219 192 129 13 174	2,096 428 605 377 211 179 114 13 169	70 5 16 9 8 14 14	57 3 9 8 11 13	10 -7 	3	100.0 100.0 100.0 100.0 100.0 100.0 (B)	96.8 98.9 97.4 97.8 96.5 88.8 91.5 (B) 97.2	3.2 1.1 2.6 2.2 3.5 11.2 8.5 (b) 2.8	2.6 0.8 1.5 2.2 3.5 10.7 7.2 (g) 2.8	0.5 1.1 1.0 1.3 (B)	0.1 0.3
All education levels Elementary: 0 to 8 years High school: 1 to 3 years 4 years 5 or more years Education not reporced SPANISH ORIGIN ¹	2,166 593 597 648 207 72 35	2,096 589 583 623 193 64 31	70 5 14 25 15 8 4	57 1 10 21 15 7 4	10 3 3 2 2 -	3 1 1 1	100.0 100.0 100.0 100.0 (B) (B)	96.8 99.2 97.6 96.2 93.0 (B) (B)	3.2 0.8 2.4 3.8 7.0 (B) (B)	2.6 0.2 1.6 3.3 7.0 (B)	0.5 0.6 0.6 0.3 (B) (B)	0.1 - 0.2 0.2 - (B) (B)
All incomes All incomes Less than \$5,000. \$5,000 to \$9,999. \$10,000 to \$14,999. \$20,000 to \$24,999. \$25,000 to \$24,999. \$25,000 to \$49,999. \$50,000 and over Income not reported (ducation of Householder	873 137 168 199 129 74 96 5	831 134 165 195 114 69 88 5	43 3 3 4 15 6 8	34 3 1 3 13 3 7	2	1 2	100.0 100.0 100.0 100.0 100.0 (B) 100.0 (R)	95.1 97.6 98.4 97.9 88.5 (B) 91.5 (B)	4.9 2.4 1.6 2.1 11.5 (B) 8.5 (B) (B)	4.0 2.4 0.8 1.6 9.8 (B) 7.2 (B)	0.5 0.4 (B) 1.3 (B) (B)	0.4 0.8 - 1.8 (B) (B) (B)
All education levels	873 383 134 210 65 35 15	831 374 129 188 61 31 15	43 9 5 21 3 4	34 6 5 18 3 2	2	1	100.0 100.0 100.0 100.0 (B) (B) (B)	95.1 97.7 96.1 89.8 (B) (B) (B)	4.9 2.3 3.9 10.2 (B) (B) (B) (B)	4.0 1.7 3.9 8.5 (B) (B) (B)	0.5 	0.4 0.6 0.7 (B) (B) (B)

¹Persons of Spanish origin may be of any race.



Table 5. Tuition and Fees Paid for Private Elementary and High School Students, by Region and Metropolitan/Nonmetropolitan Residence: October 1979

fumbers in thousands Civilian					A	nnual (ultion	and :	***					Median	Mean	Standard
evel of school, region, and metropolitan/ normatropolitan residence	Total enrolled, private	None	Less than \$100	\$100 199	\$200 to 299	\$300 to 399	\$400 to 499	\$500 to 749	\$750 to 999	1,000 to 1,499	\$1 500 to 1,999	\$2.000 or nore	Tuition not reported	tuition and fees	tuition and foos	error of the mean
LEMENTARY AND HIGH SCHOOL																
egi»n					'					51.5	106	242	503	1554		\$19
United States	4.231 1 220 1,287 1,126 597	125 34 73 13 4	214 67 123 8 20	32	337 128 111 57 41	298 93 100 70 34	248 88 54 57 49	678 145 170 259 10)	469 92 124 179 74	117 137 188 73	24 9 42 32	93 44 64 40	129 136 156 81	415 362 738 658	697 556 869 866	38 32 29 57
lestience									400	442	98	214	374	\$565		\$29
fetropolitan	1.731	84 36 48 40	101	205 215	152 154	252 143 109 45	206 116 90 42	554 255 299 123	220 180 64	273 169 73	43 55	101	177 197	542	745	
ellin ntary				ì												ļ
Region				1				١	100	222	1 ,2	12	370	2380		
United States	973 815	32 72 12	12	2 200	126 107 5	88 96 68	80 41 52	104	16 44 94	36 51 103	2	5 2	102 102	26 2 23 4 63	7 408 3 736	3
Residence					1		1			1		s 11	, 26	, 38	3 2577	. 82
Metropolitan	1 26	31	8 9	7 41 1 20 6 21 5 7	0 150 2 140	137	109	164	102	125 58	3	4 5	0 12	1 40 6 35	7 58° 2 56°	3
HIGH SCHOOL																İ
Region		1	1	-			İ	1			.] ,	. 11	9 13	13 295	5 21.17	
United States	35 31 31	4 5 1	5 2 2 2 2	7 1 1 3 2	5	3	5 1	5 B	7 7 5 8 2 8	6 8 0 8	1 7 5	4 1	0 4 7	33 91 33 89 32 1.0 24 1.0	7 1,20 65 1,01 30 1,19	4
Residence							. .	, 18	1 2	4 25		31 1	02 1	06 19		
Metropolitan	46	8	5	5	8 5 3	-1	* 1	7 8	2 11 9 11	8 14 6 11	3	22	51 51	50 9	68 1.13 47 1.22 39 1.16	6 1



Table 6. Tuition and Fees Paid for Dependent Family Members Enrolled in Private Elementary and High School, by Family Income, Race, and Spanish Origin: October 1979

	NONI NET TO						nue 1									
Level of school, raca, Spanish origin, and family income	Total enrolled private	None	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 to \$499	\$500 to \$749	\$750 to \$999	\$1,000 to	\$1,500 to \$1,999	\$2,000 or more	Tuition not reported	Nedian tuition and fees	Mean tuition	Standard mrror of
ELEMENTARY AND HIGH SCHOOL									 						110 1448	the mean
Raca			ĺ			ļ			l					l	ľ	
All races	4,200 3,791 313 246	123 116 5 4	21 8 213 4 15	491 449 24 25	336 299 25 34	296 253 36 45	248 207 34 26	675 501 61 40	464 422 40 23	511 472 26 16	102 96 3 5	242 232 6 3	494 431 48 12	\$552 559 518 390	₹721 733 601 523	\$19 20 50 73
All income. Less than \$5,000. \$5,000 to \$9,999. \$10,000 to \$14,999. \$15,000 to \$19,999. \$25,000 to \$24,999. \$25,000 and over. Income not reported.	4,200 115 248 526 646 721 1,163 411 369	123 4 13 21 24 23 29 3 8	218 1 13 53 24 29 77 12	491 23 30 54 107 105 134 15 23	336 16 19 49 65 67 77 22 21	296 7 36 37 40 52 85 17	248 3 16 45 42 50 62 18 12	675 27 49 92 112 110 192 45	464 5 20 65 81 92 130 30 41	511 3 11 37 49 85 191 83 52	102 - 4 5 15 13 44 16	242 2 18 17 11 63 116	494 24 36 51 69 85 79 34	\$552 311 388 453 468 485 602 1,157	\$721 38\$ 480 559 619 577 734 1,472	\$19 42 46 39 53 29 31
FLFMENTARY								٦,		"	١ ،	15	115	675	761	58
Kace			- 1		ļ		İ				!					
All races	3,105 2,781 243 203	120 116 1 4	212 207 4 15	483 445 20 25	328 292 25 34	284 241 36 45	221 182 33 26	477 418 48 30	198 173 23 /	221 206 7 7	72 69 2 5	123 114 6 2	367 319 37 5	\$380 371 448 350	\$557 560 543 444	\$1 8 19 58 71
All incomes. Less tham \$5,000. \$5,000 to \$9,999. \$10,000 to \$14,999. \$15,000 to \$19,999. \$20,000 to \$24,999. \$25,000 to \$24,999. \$150,000 and over. Income not reported.	3,105 92 194 425 502 559 817 272 246	120 4 11 21 24 21 29 3 8	212 1 13 50 24 29 74 12 8	483 23 27 53 106 105 134 15 21	328 16 18 47 65 65 73 22 21	284 7 35 37 39 49 82 16 18	221 3 15 41 38 48 52 17	477 16 35 65 91 76 134 29	198 4 9 30 36 42 45 13 18	221 3 5 17 13 37 79 51 16	72 2 5 6 9 30 15 5	123 11 11 5 32 56	367 14 25 47 50 72 54 24	\$380 270 343 349 320 347 388 944 449	\$557 355 386 467 475 459 572 1,133 612	\$18 45 33 40 50 29 32 88 70
Race			- 1											- 1		
All races, white Black Spanish origin! Pamily Income	1,095 1,010 70 43	3	6	7 4 3 -	8 7 -	12 12	26 25 1	199 183 14 9	267 249 16 16	290 266 20 9	29 27 1	119 117 1	127 113 12 7	\$958 962 (B)	\$1,184 1,210 804 965	\$45 48 77 222
All incomes	1 605															
Less than \$5,000. \$5,000 to \$29,999. \$10,000 to \$14,999. \$15,000 to \$13,999. \$20,000 to \$24,999. \$250,000 to \$49,999. \$250,000 and over. Income not reported.	1,095 23 54 102 144 163 347 139 123	2 - 2	3	3 1 1 2	2 - 2 4	12 - - 2 3 4 1 3	26 3 4 4 2 10 2 1	199 10 13 27 21 34 59 16 18	267 1 11 34 45 50 85 17 23	290 	29	119 - 2 7 6 6 6 32 60 7	127 11 11 19 13 25 10	\$958 (B) (B) 838 937 912 991 1,443 975	\$1,184 599 852 913 1,140 962 1,119 2,121 1,038	\$45 62 158 93 143 64 62 190

Yote Mean fultions and their standard errors are shown for a few groups of less than 75,000 persons. It is usual practice not to show summary measures based on a population of less than 75,000. The unreliability of the astimated means based on a small number of sample cases is supported by the relatively medians are not shown since standard errors are not available. Corresponding



Table 7. Private Elementary and High School Enrollment, Church Status of School, and Mean Tuition and Fees, by Region and Metropolitan/Nonmetropolitan Status: October 1979

Number of persons in thousands. Civ		per of per				tuition ar		Standard	error of	the mean
Level of school, region, and	Total,		Private				-			
metropolitan/ronmetropolitan residence	public and private	Total ¹	Church related	Not church related	Total private ¹	Church related	Not church related	Total private ¹	Church related	Not church related
ELEMENTARY AND HIGH SCHOOL		ļ								
Region	1						!			•00
United States	42,981	4,231	3,531	598	\$722	\$560	11,678	?19 38	11.5 27	380 199
United States.	9.734	1,220	1,077	113	697	527 446	2.287 2.018	32	18	294
North Central	11,198	1,287	1,161	95 280	556 869	749	1,233	29	30	63
South	14,482	1,126 597	826 467	109	866	619	1,901	57	31	204
West	7,567	,,,,								
Res idence								129	120	!13:
Metropolitan	28,435	3,506	2,954	467	3741	2576	1.627	36	27	16
In central city	11,106	1,774	1,495	235	738 745	602 549	1,959	40	30	210
Outside central city	17,329	1,732	1.459 576		618	467	1,255	59	50	18
Nonmetropolitan	14,546	725	770		"	ł			}	
ELEMPHTARY					1	Į.				
Region			!		1	1		,,,	212	!8
United States	27,865	3,109	2,667				N.	V 36	23	N .
Northeast	6,204	867	791					32	16	
North Central	7,200	973	889 625	1	1) 30	27	
South	9,590 4,871	815 454	362	1			1,558	45	27	13
West	4,8/1	1	"		1	İ			l	
Residence			1				,,,,	329	119	
Metropolitan	18,408	2,544	2,188						29	
In central city	7,286	1,281	1,106				1		25	
Outside central city	11,122	1,263 565	1.082			1			32	20
Nonmetropolitan	9,454	,00	1 7"				1			
HIGH SCHOOL	1			l .				}		1
Region	İ	1	1	1		1		J ,	,,,	
United States	15,116	1,122					. N	l/ 87		5 N
Northers t	3,531	354						72		. 15 3
North Central	3,998	315								
West:	4,892 2,696	143		- 1			5 (B	174	' '	5
Residence				1	l l					
	10.00	961	76	, 15	5 11,17	9 196				
Metropolitan	10,026	493		' 1 .		4 94				
Inaide central city		468) j	2 1,22				· I .	- I
Nonmetropolitan		161	9	8 5	5 1,16	1.05	6 (B	<u>' </u>	<u>' </u>	<u>``</u>

Note Some data were combined for calculation of mean tuition in order to comply with the current practice of showing summary statistica only for a population of at least 75,000, which is represented by approximately 50 sample cases. Calculations based on a smaller sample have proved to be unreliable.

Includes some private school students for whom church or not church control was not reported,



Table 8. Private Elementary and High School Enrollment, Church Status of School, and Mean Tuition and Fees for Dependent Family Members, by Race and Family Income: October 1979

	Nu	mber of pe	rsous enro	olled	Mean	tuition ar	nd fees	Standard error of the mean			
Level of school, race, and family income	Total public		Private								
	and private	Total ¹	Church related	Not church related	Total private	Church related	Not church related	fotal private ¹	Church related	Not church related	
ELEMENTARY AND HIGH SCHOOL											
Race											
All racea	42,353 35,015 6,454	4,200 3,791 313	3,518 3,170 268	584 537 33	:721 733 601	\$558 561 533	1,701 1,752 (B)	119 20 50	‡13 14 34	\$⊎1 86 (B)	
Family Incomes		•								12.	
All incomes. Leas than \$5,000. \$5,000 to \$9,999. \$10,000 to \$14,999. \$15,000 to \$19,999. \$20,000 to \$24,999. \$25,000 to \$49,999. \$550,000 and over. Income not reported.	42,353 3,501 5,884 7,417 6,404 6,458 7,973 1,493 3,224	4,200 115 248 526 646 721 1,163 411 369	3,518 97 200 479 585 662 994 229 271	584 5 38 41 52 49 157 173 69	\$721 388 480 559 619 577 734 1,472 761	\$558 360 406 471 500 551 600 868 624	1,701 1,218 1,525 1,589 2,230 (B)	{ 42 46 39 53 29 31 94 58	\$13 37 32 26 26 30 25 90	*81 182 } 271 119 139 (B)	
Race	1			İ							
All Racea White Black	27,825 22,927 4,288	3,105 2,781 243	2,665 2,385 211	388 354 23	\$557 560 543	:420 419 435	?1,494 1,516 (B)	: 18 19 58	?12 13 29	\$83 88 (B)	
Family Income											
All incomes	7,825 2,509 4,090 5,220 4,263 4,192 4,770 871 1,910	3,105 92 194 425 502 559 817 272 246	2,665 80 167 389 464 518 700 155	388 3 25 31 35 34 111 112 36	2557 355 386 467 475 459 572 1,133 612	2420 329 326 388 385 422 432 616 496	1,494 1,289 1,449 1,814 (B)	\$18 45 33 40 50 29 32 88 70	312 40 27 26 24 28 24 75 55	186 186 114 128 (B)	
HIGH SCHOOL			į	ŀ				~	"	(8)	
Race							ŀ	- 1			
All races	14,528 12,088 2,166	1,095 1,010 70	854 785 57	196 183 10	1,184 1,210 804	3974 978 875	2,104 2,194 (B)	345 48 77	\$30 33 68	2169 173 (B)	
Family Income											
All incomes. Lega than \$5,000. \$5,000 to \$9,999. 110,000 to \$14,999. 120,000 to \$24,999. 120,000 to \$49,999. 150,000 and over. Income not reported.	14,528 992 1,794 2,197 2,142 2,266 3,202 622 1,314	1,095 23 54 102 144 163 347 139 123	854 17 33 90 121 144 294 74 81	196 2 13 11 17 15 45 61	\$1,184 776 { 913 1,140 962 1,119 2,121 1,038	1974 (B) (B) 803 943 983 992 1,376 908	12,104 (B) (B) (B) (B) (B) (B) (B) (B)	345 126 93 143 64 62 190 90	130 (B) (B) 60 56 68 47 197	†169 (B) (B) (B) (B) (B) (B) (B)	

Note Some data were combined for calculation of mean tuitions in order to comply with the current practice of showing summary statistics only for a population of at least 75.000, which is represented by approximately 50 sample eases. Calculations based on a smaller sample have proved to be unreliable.



 3_{ij}

Includes some private school students for whom church or not church control were not reported.

Table 9. Private and Public Nursery School and Kindergarten Enrollment, by Metropolitan/Nonmetropolitan Residence and Race: October 1979

Level of school and metropolitan	All races					Whi	te		Black				
		Public	Private				Private		m-4-1		Private		
nonmetropolitan residence	Total enrolled		Number	Percent	Total enrolled	Public	Number	Percent	Total enrolled	Public	Number	Percent	
NURSERY SCHOOL All residences	857	636 469 206 264 167	1,233 930 337 593 303	66.0 66.5 62.1 69.2 64.5	1,537 1,119 350 769 418	428 293 - 92 202 134	1,110 826 258 567 284	72.2 73.8 73.7 73.7 67.9	278 244 173 71 34	185 164 108 56 20	95 80 65 15	33 - 5 32 - 8 37 - 6 (B)	
All residences	1,964 806 1,157	2,593 1,628 633 995 965	432 335 173 162 97	14.3 17.1 21.5 14.0 9.1	2,437 1,530 519 1,010 907	2,069 1,255 395 860 814		15.1 18.0 23.9 15.0 10.4		443 314 212 101 130	45 6	10.1 14.1 17. 5.	

Table 10. Private and Public Nursery School and Kindergarten Enrollment, by Church Status of School, Region, and Metropolitan/Nonmetropolitan Residence: October 1979

Yumbers in thousands Civi				lation	rivate	Percent						
evel of school, region,			$\overline{}$							P	rivate	
and metropolitan nonmetropolitan residence	Total enrolled	Public	Total	Church related	Not church related	Not reported	Total enrolled	Public	Total	Church re-lated	Not church related	Not reported
VERSERY SCHOOL						'						
iegion									<u> </u>			2.
United States Outheast Outh Central Outh	1,869 372 519 570 408	636 117 183 180 156	1,233 255 336 390 252	460 83 118 173 85	726 150 207 205 163	47 22 10 11 4	100 0 100 0 100 0 100 0 100 0	34.0 31.4 35.3 31.5 38.3	66 0 68,6 64,7 68,5 61 7	24 6 22.3 22 8 30 4 20 8	38,8 40 3 39 9 36.0 39×9	2. 1.: 2.: 0.:
desidence detropolităn in central city. Outside central city	1.399 542 857	469 206 264	930 337 593	360 149 212 100	530 179 351 196	39 9 30		30.8	66 5 62.1 69.2 64,5	25.8 27.4 24.7 21.2		2. 1, 3.
Nonmetropolitan KINDERGARTEN	470	167	303	100	1,0	,						
Region United States Northeast North central South	3,025 547 816 1,105 557		215	282 61 54 132 36	26 13 80	8 1 1	100.0 100.0 100 0	82.6 91.7 80.6	17.4 8.3 19.5	9,3 11.1 6.6 12.0 6.4	4.8 1.6 7,3	0. 1. 0. 0.
Residence Metropolitan. In central city Outside central city	1,964 806 1,157 1,062	633 995	173 162	224 124 100 58	43	6 3	100.0	78.5 86.0	21.5	8.6	5.3 5.1	0



Table 11 Private and Public Nursery School and Kindergarten Enrollment, by Church Status of School, Family Income, Education of Family Householder, Race, and Spanish Origin:
October 1979

.			Nurs	ery school	1		Kindergarten						
Family income, education of family householder, race,				F	rivate					ī	Private		
and Spanish origin	Total enrolled	Public	Total	Church related	Not church related	Not reported	Total enrolled	Public	Total	Church related	Not church related	Not reported	
ALL RACES													
Family Income													
All incomes. Less than \$5,000. \$5,000 to \$9,999. \$10,000 to \$14,999. \$15,000 to \$19,999. \$20,000 to \$24,999. \$25,000 to \$49,999. \$50,000 and over. Income not reported.	1,869 170 196 281 322 300 406 82 112	636 125 122 101 96 64 72 10	1,233 45 74 179 226 236 334 72 67	460 24 23 57 72 107 131 27 19	726 17 45 120 145 124 189 45	47 4 6 3 9 6 14 - 6	3,025 344 449 593 505 451 413 74	2,593 329 417 535 434 346 317 48 167	432 14 33 57 71 105 96 26 30	282 5 25 43 50 68 64 14	138 6 7 15 21 35 32 11	111 3 1 - 2 2 2 4	
Education of Householder													
All education levels Elementary: 0 to 8 years High school: 1 to 3 years 4 years 5 years or more Education not reported	1,869 136 148 570 337 282 331 66	636 92 94 214 112 44 52 28	1,233 44 54 356 225 238 278 38	460 16 25 120 72 100 113 14	726 22 26 223 148 125 158 23	47 6 3 13 5 13 7	3,025 300 456 1,080 537 304 228 120	2,593 289 434 959 427 235 141 109	432 12 21 122 110 70 87 11	282 6 17 80 80 43 48	138 4 2 38 30 25 36 3	11 2 3 3 - 2 2	
WHITE													
Family Income				:									
All incomes. Less than \$5,000. \$5,000 to \$9,999. \$10,000 to \$14,999. \$15,000 to \$19,999. \$20,000 to \$24,999. \$25,000 to \$49,999. \$25,000 to \$49,999. Income not reported.	1,537 95 120 234 283 268 371 75 89	428 61 65 74 78 51 59 8	1,110 34 55 160 206 217 312 67 58	402 17 18 49 65 92 121 25	668 16 34 109 132 119 178 42 38	40 2 3 3 9 5 12	2,437 169 319 508 430 414 366 68 162	2,069 158 290 460 3/3 319 287 43 139	368 11 30 48 57 95 78 25	243 3 24 34 41 62 55 12	117 6 5 15 16 31 23 11	8 2 1 - 2 2 2	
Education of Householder												_	
All education levels Elementary: 0 to 8 years High school: 1 to 3 years College: 1 to 3 years 4 years 5 years or more Education not reported	1,537 88 80 465 276 266 307 55	428 53 46 151 73 40 45	1,110 35 33 314 203 226 262 36	402 11 15 103 59 93 106 14	668 20 18 198 138 121 150 22	40 3 - 13 5 13 6	2,437 219 320 890 428 276 207 96	2,069 211 305 789 338 214 127 85	368 8 15 102 91 62 80 11	243 6 13 68 65 39 43 8	1'7 - 2 30 25 22 34 3	8 2 3 - 2 2	
BLACK				ľ		j		i	ĺ	j			
All incomes	278 65 68 39 34 22 24 4	185 56 49 26 16 12 12 12	93 9 19 14 18 10 12 3	40 8 5 6 9 3	47 - 11 8 13 1 9 3 3	6 2 3 3 2	497 155 117 72 60 30 32 3 28	443 152 114 63 47 22 20 3 21	54 3 3 9 12 8 12 6	33 1 1 9 8- 5 4	18 2 - 4 3 7	3 1	
Education of Householder			İ							j			
All education levela Flementary: 0 to 8 years Righ school: 1 to 3 years Gollege: 1 to 3 years 4 years 5 years or more Fducation not reported	278 45 61 97 55 8 8	185 37 41 62 36 2 2	93 7 20 36 18 6 5	40 3 9 15 9 4	47 1 8 21 9 2 5	633	497 70 119 167 92 19 10 21	443 66 113 147 74 13 8 21	54 4 6 19 18 6	33 12 13 3	18 4 7 5 3	3	



Table 11. Private and Public Nursery School and Kindergarten Enrollment, by Church Status of School, Family Income, Education of Family Householder, Race, and Spanish Origin:
October 1979—Continued

			Nurse	ery school	·	Kindergarten						
Pamily income, education of family householder, race,		•		P	rivate					P	rivate	
and Spanish origin	Total enrolled	Public	Total	Church related	Not church related	Not reported	Total enrolled	Public	Total	Church related	Not Church related	Not reported
SPAHISH ORIGIN ¹			i									
Family Income									,			
All incomes	101 22 21 21 17 4 6	58 17 18 10 4 - 3	42 5 3 11 14 4 3	13 - 2 3 5 2 2	26 3 2 9 7 2 2 2	3 1 - 2 - -	236 40 63 52 27 24 17	215 37 62 49 23 21 12	20 3 2 3 4 3 4	15 2 2 3 2 3 4 -	1	2 2 - - - - - -
Education of Householder			'							1		
All education levels Elementary: 0 to 8 years High school: 1 to 3 years College: 1 to 3 years 4 years 5 years or more Education not reported	101 41 16 31 6 2 3	58 29 13 11 1 1 2	42 12 3 19 6 2 2	13 2 1 5 6 -	26 7 2 14 - 2 2	3 3 - - - -	236 84 48 51 29 8 6		20 4 3 6 5 1 1	15 2 3 5 4 -	1 1 1	2 2 -
PERCENT			ļ				ļ					!
Race	E	1					ł		l			
All races	100.0 100.0 100.0 100.0	34.0 27.8 66.4 57.9	72.2	24.6 26.1 14.4 13.2	38.8 43.5 16.8 25.7	2.5 2.6 2.3 3.2	100.0 100.0	84.9 89.2		9.3 10.0 6.6 6.4	4.8 3.7	0.4 0.3 0.6 0.7
Family Income	1											
All incomes	100.0 100.0 100.0	29.9 21.3 17.8 12.3	26.3 37.6 64.0 70.1 78.7 82.2 87.7	14.3 11.7 20.2 22.4 35.6 32.2 32.5	45.0 41.2 46.5 55.2	3.0 0.9 2.7 1.9 3.5	100.0 100.0 100.0 100.0 100.0	95.9 92.7 90.3 86.0 76.7 76.7	4.1 7.3 9.7 14.0 23.3 23.3 (B)	5.6 7.2 9.9 15.2 15.6	1.9 1.5 2.5 4.2 7.7 7.7 (B)	0.4 0.8 0.2 0.4 (B)
Education of Householder			1		1			1.				0.4
All education levels Elementary: 0 to 8 years High school: 1 to 3 years 4 years	100.0 100.0 100.0	67.8 63.3 37.5	32.2 36.7 62.5	11.7 16.8 21.1	16.0 17.6 39.2	2.3 2.3	100.0	96.1 95.3 88.8	3.9 4.7 11.3	2.0 3.7 7.4	1.3 0.4 3.5	0.: 0.:
College: 1 to 3 years 4 years 5 years or more Education not reported	100.0	15.5	84.5 84.1	35.5 34.2	44.4	2.1	100.0	62.0	22.9	14.2	8.3 16.0	0.

¹Persons of Spanish origin may be of any race.



Table 12. Tuition and Fees Paid for Private Nursery School and Kindergarten Students, by Region and Metropolitan/Nonmetropolitan Residence: October 1979

(Mumbers in thousands. Civilian noninetitutional population. For meaning of symbols, are text)

				_			Annue	tuitie	on and					Med 1-		
Level of school, region, and metropolitan/nonmetropolitan residence	Total en- rolled, private	None	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 to \$499	\$500 to \$749	to	\$1,000 to \$1,499	\$1,500 to \$1,999	\$2,000 or more	Tuition not reported	tui- tion and fees	Mean tui- tion and fees	Stand- ard error of the mean
NURSERY SCHOOL					'											<u> </u>
Region																
United States	1,233 255 336 390 252	35 5 10 9 11	40 4 15 10 11	124 19 55 30 21	243 59 90 57 36	150 44 36 51 20	72 17 15 23 17	98 16 18 39 24	64 16 10 22 17	155 16 29 70 40	105 17 32 41 15	31 8 3 6 15	116 35 21 34 25	\$378 352 285 497 488	\$633 581 531 716 695	\$25 56 46 42 56
Residence														ĺ		
Metropolitan	930 337 593 303	28 20 8 6	24 8 16 16	65 18 47 59	175 43 132 67	105 25 80 45	58 28 30 14	81 29 52 17	53 19 34 11	125 65 60 29	97 35 62 7	26 6 20 5	92 40 52 24	\$438 549 384 286	\$693 742 666 454	\$42 69 52 57
KINDERGARTEN													İ			
Region																
United States	432 95 67 215 55	14 1 5 7	21 4 7 8 2	3> 17 11 6	51 7 7 35 2	51 8 3 36 4	43 8 7 18 9	71 14 12 33 13	17 3 2 11 2	44 7 5 32	31 8 - 13 9	12 3 4 - 5	41 15 5 16 6	\$453 431 338 440 598	1626 638 508 591 907	\$42 104 117 47 154
Residence																
Metropolitan	335 173 162 97	6 2 4 8	19 10 9 3	27 # 19 9	28 13 15 23	32 18 14 19	33 23 10 11	61 34 27 10	14 7 7 3	38 17 21 6	29 13 16 1	11 8 3	38 21 17 4	\$514 527 518 321	\$702 729 673 386	\$74 107 101 67

Note Rean tuitions and their standard errors are shown for a few groups of less than 75,000 persons. It is usual practice not to show summary measures based on a population of less than 75,000. The unreliability of the estimated standard errors for these estimates. However, the estimated standard errors produced by a small number of cases are also unreliable. Corresponding medians are not shown since standard errors are not available.



Table 13. Tuition and Fees Paid for Private Nursery School and Kindergarten Students, by Family Income, Race, and Spanish Origin: October 1979

(Numbers in thousands. Civilian no						aA_	nual tu	ition a	nd fee					Hed!-		Stand-
Level of school, race, Spenish origin, and family income	Total en- rolled, private	None	Less than \$100	\$100 to \$199	\$200 to \$299	\$300 to \$399	\$400 to \$499	\$500 to \$749	\$750 to \$999	to	\$1,500 to \$1,999	\$2,000 or more	Tuition not reported	tui- tion and fees	Mean tui- tion and fees	ard error of the mean
NURSERY SCHOOL	_															
All races	1,233 1,110 93 42	35 26 7 5	40 38 1 3	124 120 4 1	243 239 1 9	150 141 6 4	72 6 8 2 1	98 \$8 9 3	64 57 5	32	95 8	6	116 102 11 3	35 8 1,073	\$633 599 992 603	\$25 25 124 177
All incomes	236 334 72	35 7 10 9 3 2 2 2	40 3 9 12 4	124 \$ 22 35 22 32 3 3	243 8 41 55 52 60 9	150 4 5 9 24 47 47 6	6 25 24 2	8 15 7	14 6	6 10 32 24 27	5 3 16 28 19 23	1 11 11 11 11 11 11 11 11 11 11 11 11 1	8 12 8 13 14	(B) (B) 365 306 363 402 (B)	629 588 621 852	
Race All races White	54	14	18	3/4	48	44	3	66	5 1	3 3	5 21 9	0 7	9 3		581 3 840	16
All incomes All incomes. Less than \$5,000. \$5,000 to \$9,999. \$10,000 to \$14,999. \$20,000 to \$24,999. \$25,000 to \$49,999. \$50,000 and over. Income not reported.	33 57 71 101 91	3 6 6	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	3 6 5	10 10 10 11 11	1 1	0 1	- 3 9 1 1 9 2 7	1 4	3 3 5	2 4 5 7		2 2 2 4	3 (E 3 (E 5 (E 4 45 11 51 2 (I	94 10 47 10 42 10 61 16 65 14 71 10 66	2 40 2 8 4 5 3 10 7 9 7 9

Note Nean tuitions and their standard errors are shown for a few groups of less than 75,000 persons. It is usual practice not to show summary measures based on a population of less than 75,000. The unreliability of the estimated means based on a small number of sample cases is supported by the relatively based on a population of less than 75,000. The unreliability of the estimated means based on a small number of cases are also unreliable. Corresponding large standard errors for these estimates. However, the estimated standard errors produced by a small number of cases are also unreliable. Corresponding medians are not shown since standard errors are not available



Table 14. Families With Children Enrolled in Elementary and High School, by Number Enrolled in Ali Schools and Private Schools, Level of School, and Family Income: October 1979

(Numbers in thousands. Civilian nominatitutional population, For meaning of symbols, see text)

CIVII	Ann nonine	T TUCTORA	population	. For meani	ng of symbol	la, see to	xt)					
Family income, number of			children in p	private high	school	l child	in private	high school		ldren in high school	3 or more priváte	children in high school
children enrolled, and level of school	All families		l child in private elementary		in private	None in private elemen- tary	private	2 or more children in private elementary	private elemen-	l or more children in private elementary	private elemen-	l or more children in private slementary
ALL INCOMES												
All families with children enrolled,	22,891	20,226	1,116	462	172	493	176	66	89	66	12	11
Families with one child enrolled	10,731 6,587 4,144	9,515 5,734 3,781	853 853	-	-	363 7 363	-	-				:
Families with two children enrolled Both in elementary One in elementary Both in high achool	7,699 3,919 2,500 1,279	6, 8 27 3,441 2,219 1,167	170 75 95	403 403 -	-	79 35 44	151 - 151	-	68 - - 68		-	•
Families with three children enrolled All in elementary Two in elementary One in elementary All in high school	3,026 1,050 960 829 187	2,623 908 836 702 177	71 9 16 47	38 8 30 -	126 126 - - -	46 - 31 12 2	26 - 4 22	42 42	14 - 12 2	34 - 34	6	-
Families with four or more children annolled. Four or more in elementary, Three in elementary, Two in elementary, One in elementary, All in high school,	1,436 450 425 401 145	1,261 397 370 348 130 / 15	23 7 4 6 6	21 2 5 14 -	46 30 16	5 2 3		24 8 11 5	7 2 5	32 7 13 12	7 2 5	11 - 7 4
LESS THAN \$5,000			i						-		-	-
All families with children enrolled	1,645	1,566	46	11	5	14	2	1	_	_	_	
Families with one child enrolled	769 551 217	724 518 205	33 33 -	-		12		=			-	:
Families with two children eurollad Both in elementary One in elementary Both in high school	477 277 134 67	460 264 130 67	7 3 4	10 10 -			-	-			=	:
Yamilian with three children enrolled	234 119 57 45 13	222 113 55 42 13	4 1 1 1 1 -	-	5 5 -		2	1				:
Families with four or more children enrolled. Four or more in elementary Three in elementary Two in elementary All in high school	165 60 54 34 12 4	161 60 53 32 12 4	1 - 1	2	-	2 - 2 - 2	:			:	-	:
\$5,000 TO \$9,999							ŀ		1	1	-	•
All families with children enrolled	2,887	2.728	71	34	10	31	5	2	5		2	1
Families with one child enrolled	1,347 881 467	1,274 829 445	52 52 -	-	-	22				:		:
Families with two children enrolled Both in elementary Note in elementary Note in high school	*51 477 251 122	800 448 234 118	14 2 12	27 27 -	-	4	5	-	1 -			:
Families with three children enrolled ill in elementary we in elementary in in high school	403 157 141 69 35	377 145 134 63 35	3 2 - 2	6 3 3	•	2 2	-	2 - 2	2 - 2 - 2	-		•
Families with four or more children enrolled, our or more in elementary here in elementary our or in elementary on in elementary on in elementary on in high school	285 107 85 71 22	276 107 78 71 20	2 2 -	-	2	2 - 2	-		2 - 2		2	1



30

Table 14. Families With Children Enrolled in Elementary and High School, by Number Enrolled in All Schools and Private Schools, Level of School, and Family Income: October 1979—Continued

(Mumbers in thousands, Civilia	n noningt		hildren in p			1 child	in privat	e high s	chool	2 chi private	ldren in high school	3 or more private 1	children in igh school
family income, number of children enrolled, and level of achool	All families	None in private elemen- tary	l child in private elementary	2 children	3 or more	private elemen-	l child	in chi	more ldren ivate ntary	private elemen-	l or more children in private elamentary	None in private elemen- tary	l or more children in private elementar
10,000 TO !14,499													
All families with children enrolled	4,016	3,665	168	64	26	57		20	,	6	. 3	-	
families with one child enrolled n elementary n high school	1,875 1,281 594	1,146	135			49	·		=				
Families with two children enrolled oth in elementery oth in high school	422	38	1	6 و			3	17	:				
Yamilies with three hidden enrolled All in elementary One in elementary All in high school	17/ 13	6 20 4 16 2 12	3	8 2 1 5	- 2	-	1	2 2 .		3	2	1	
Families with four or more children enrolled. Four or more in elementary	7	4 6	5 4 4 7 9 9 12 3	3 2 - 1 1	2 2	5 2 3 -	-			2 2 -	-1	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	- \
*15,000 To \$19,999								,		17	9	7	-
All families with children enrolled	3,58	31),1	64 1	63	87	28	83	24		"]			
hamilies with one child enrolled	. 1.0	81 9		29 29			64						
ramilies with two children enrolled Both in elementary Both in high school	: :	62 S	96 82 114	25 6 19	74 74 -		11 5 5	19		-	7 7		
hamilies with three children enrolled All in elementary Two in elementary all in high achool		146	383 125 118 119 22	9 1 1 7 -	5 2 3 -	18	8 - 6 2	5 -		5	2	3	
Families with four or more children carolled Four or more in elementary. Three in elementary One in elementary		215 67 64 66 13 4	183 56 57 52 13	-	8	9 7 3				11 4 4 3 3 -		4	
\$20,590 To \$24,333								1			15	13	2
All families with children enrolled ramilies with one child			,155	231	76	36	78	20		*		-	-
anrilled In elementary In high wchool	::: i;	716 1 075 641	888 587	188			54	-				1	
ramilies with two		,287 1 663 431 193	,1° 581 394 176	28 13 15	70		10	16			13		
hamilies with three children enrolled All in elementary One in elementary All in high School		443 134 139 139 31	373 105 120 119 29	9 2 4 4 4 -	4	28 28	14 7 5 2	4 - 4		4		7	
panilies with four or more children enroll Four or more in elementar; Three in elementary Two in elementary All in high school	•d	186 53 53 60 21	157 43 43 53 17	5 2 4	2 2 2	8 4 4 - -		-		2 2	2	3	2 2 -



Table 14 Families With Children Enrolled in Elementary and High School, by Number Enrolled in All Schools and Private Schools, Level of School, and Family Income: October 1979—Continued

(Yumbers in thousands. Civilian moninstitutional population, For meaning of symbols, see text)

Family income, number of		Yo o	hildren in p	rivate high	echool	l child	in private	high school		ldren in high school	3 or more private	children in high school
children enrolled, and level of school	All families	None in private elemen- tery	l child in private elementary	in private	3 or more children in private elementary	private elemen-	private		None in private elemen-	T	None in private elemen-	l or more children in private elementary
\$25,000 TO \$49,999												
All families with children enrolled	4,536	3,825	274	117	44	126	58	23	35	ŧ7	۲.	10
families with one child enrolled	2,069 1,096 972	1,785 900 885	196 196 -			87 H7	-		-	-		•
Families with two children enrolled Both in elementary One in elementary Moth in high school	1,707 765 594 347	1.446 634 510 302	45 25 21	107 107	- - -	29 11 19	53. 53.	-	28 - - 28	-	- - -	- - - -
Yamilies with three children enrolled All in elementary Two in elementary One in elementary	578 149 204 201 33	473 115 164 163 31	22 5 13	8 - 8 -	25 25 -	y: - - - -	e .	18 18 - -	4 - - 4	‡a } ‡a -	2 2	- - - -
Families with four or more children enrolled. Four or more in elementary Three in elementary Two in elementary One in elementary All in high school	183 41 50 62 50	121 18 37 43 22	10 : 5 : 2 : 2 : 2 :	2 - 1 1 1	19 14 5 - -	2 - - 2 -	- - - - -	5 2 1 -	4	7 2 2 1	3	10 - - 7 3
250,000 AND OVER				ĺ		ĺ	-			j		
All families with children enrolled	7)5	556	77	16	17	55	21	٨	10	17	2	-
Families with one child enrolled	328 143 185	233 91 142	53 53	-	-	42		- - -	-	-	-	-
Families with two children enrolled	299 120 115 64	223 78 93 52	14 11 3	31 11 -	- - - -	5 2 4	17 17	~ - -	4 1 3	-	-	-
Families with three children corolled	129 95 51 37 6	73 20 31 18 4	16 . 1 1	2 3 -	ቘ ነ ፮ ቁ - - -	7 - 5	2	6 6	2	,	2	-
Families with four or more children enrolled. Four or more in elementary Two in elementary Two in elementary All in high school	34 14 18 2 5	20 10 21 5			1	-			-	2		
INCOME NOT REPORTED]		•			İ			İ		į	
All femilies with children enrolled	1,798	1,567	H7	38	*	49	26	3		,	2	
Families with one child enrolled	931 478 453	826 410 416	68 68 -	-	-	17 37	- - :	-	- -	-	-	-
Families with two confidence moralled confidence moralled control of the demonstrative control of the moral o	>32 216 195 122	457 189 155 109	14] 11	24 24 -	-	11	25	-	, ,	-	-	-
Families with Phree children enrolled	741 +3 61 6+ 13	205 81 51 56 16	4	2 1 7	** ** - -	1 - 1 1	And I I have	3	3	5	2	• •
canilles with four or were children enrolled. Our or more in elementary. Dree in elementary. er in elementary. li in ligh school.	13 14 47 34	44 19 25 27 9 4	-	5	-	2 2 2	-	~	-	4		- - - - -



Table 15. Families With Children Enrolled in Elementary and High School, by Number of Children Enrolled in All Schools and Private Schools, Family Income, Race, and Spanish Origin: October 1979

(Numbers in thousands. Civilian nominstitutional population. For meaning of symbols, sae taxt)

fumber of children enrolled in elamentary	<u> </u>		umber of child				Five or
and/or high school, family income, race, and Spanish origin	All families	None	0n•	Two	Three	Four	nore
1L MCES							
11 Incomes				1		ì	
All families with children enrolled	22,891	20,226	1,609	729	242	52	32
amilies with	10,731	9,515	1,216	-	-	-	
One child enrolled Two children enrolled	7,699	6,827	249	623	208	\ <u>-</u>	
Three children enrolled	3,025 1,019	2,623 907	117 25	22	23	42	
Four children enrolled	417	354	3	6	11	10	3:
Ass Than \$5,000						,	
All families with children enrolled	1,645	1,566	60	14	6	- 1	
Zemilies with One child enrolled	769	724	45	-	-	-	
Two children enrolled	477 234	460 222	7	10	<u>-</u>		
Thrae children enrolled	104	102	3	-1	-	-	
Five or more children enrolled	61	59	-	2	-	-	
\$5,000 to \$9,999							
All families with children enrolled	2,887	2,728	102	43	14	1	
Vamilies with	1,347	1,274	73		- [
Two children enrolled	851 403	800 377	18	33	10	-1	
Three children enrolled	196	189	4	-	3	1	
Five or more children enrolled	. 89	87	-	2	-	-	
\$10,000 to \$14,999							
All families with children enrolled	4,016	3,665	225	90	٥٥	6	
Families with One child enrolled	1,874	1,695	180	.:	-	-	
Two children enrolled	1,312	1,198	33	81 7	26	-	
Three children enrolled	558 197	185	غ	2	3 2	4 2	
Five or more children enrolled	74	~					
\$15,000 to \$19,999	3,581	3,164	246	120	34	15	
All families with children encolled	2,200	.,				1	
Families with One child enrolled	1,696	1,503	193	101		_ []	
Two children enrolled	1,232	1,096	36 18	12	27	-	
Three children enrolled	163	143		5	2	13	
Five or more children enrolled	51	39	-	3	6	2	
\$20,000 to \$24,999		- 1				,,	
All families with children enrolled	3,633	3,155	309	111	42	11	
Families with-	1,716	1,475	242	99	-	-	
Two oblides appoiled	1,287	1,151 373	38 24	"	38	-	
Three children enrolled Four children enrolled Five or more children enrolled	126	109	4 2	4	2 2	7 4	
\$25,000 to \$49,999			1				
All families with children enrolled	4,536	3,825	401	211	67	18	
Factites with	2 044	1,785	283	_	ا۔	_ [
One child enrolled	2,068 1,707	1,783	74	187	- 1	-	
Three children enrolled.	578	473	31	18	55 10	16	
Four children enrolled	142 41	99 22	11 2	-	2	2	
\$50,000 and over							
All families with children enrolled	7 95	356	132	68	30	2	
Families with-	328	233	95	.	-	-	
One child enrolled	299	223	19	57	- 1	-	
Three children enrolled	129	73 20	18	11	28	2	l
Four children enrolled	23 16	40 6		-		-	1



Table 15 Families With Children Enrolled in Elementary and High School, by Number of Children Enrolled in All Schools and Private Schools, Family Income, Race, and Spanish Origin: October 1979—Continued

Ommbers in thousands. Civilian noninstitutional population. For meaning of symbols, see text)

Number of children enrolled in elementary	L		Number of cl	hildren enrol	led in priva	te school	
and/or high school, family income, race, and Spanish origin	All families	Море	One	Two	Three	Four	Five or
ALL RACESContinued							
Income Not Reported	į.						
All families with children enrolled	1,798	1,567	135	73	19	_	2
Families with		,,,,,		~	"	- [4
One child enrolled	931 533	826 452	104		-	-1	-
Three children enrolled	241	205	6	56 12	18	-	-
Four children enrolled	68	60	- 1	5	2	-1	- 2
WHITE			ŀ				•
All Incomes			1				
All familles with children enrolled	19,480	17,080	1,424	671	221	52	32
Families with	• • • •		-,	*/-		"	32
One child encolled	9,238 6,709	8,175	1,064		-	-	-
Three children enrolled	2,503	5,904 2,139	227 110	578 67	187	- 1	-
Four children enrolled Five or more children enrolled	772 259	665 198	21	22	23	42	
Less Than \$5,000	•"	• • • • • • • • • • • • • • • • • • • •	3	4	11	10	32
All families with children enrolled	071						
Families with	971	910	49	9	2	-	-
One child enrolled	485	447	38	-1	-	-	-
Three children enrolled	284 119	270 113	7 3	7	- 2	- 1	-
Four children enrolled	55	54	i	-1	-1	-1	-
\$5,000 to \$9,999	27	26	-	2	-	-	-
All families with children enrolled							
Families with	2,086	1,961	84	34	7	-	-
One child enrolled	1,033	973	61	_	_	_	_
Two children enrolled Three children enrolled	649 256	608	15	27	- 1	-1	-
Four children enrolled	114	238 109	7 2	7	3	-	-
210,090 to 214,999	33	33	-	-	-	-	-
All families with children enrolled					1		
hamilies with-	3,343	3,025	195	88	28	6	-
One child enrolled	1,556	1,401	155	-	_	_	
Two children enrolled	1,128	1,020 426	29	80	-	-	-
hour children enrolled	149	137	ŝ	7 2	24		:
Five or more children enrolled	45	42	-	-	2	2	-
215,600 to 319,999		j					
All families with children carolled	3,207	2,823	223	111	34	15	2
One child enrolled	1,531	1,355	175		_	_	_
Two children enrolled	1,105	979 340	33 16	94		-	-
tour children enrolled	136	116		9 5	26	13	-
2/0 000 + , 22, 999	44	32	-	3	6	2	2
	ŀ	ļ					
All families with children enrolled	3,327	2,905	260	105	41	11	5
one child enrolled	1,576	1,374	202	_ [_ [_	-
fwo children enrolled	1,189	1,066	31	93	-	-	_
For children enrolled	411 106	344 89	2 2 4	9	37	7	-
Fite or more children enrolled	45	32	2	-	2	4	5
27,000 8 1 24,194							
All families with children enrolled	4,232	3,584	360	193	64	18	14
One child enrolled	1,922	1,676	246	_	_	_	
Two children enroiled	1,589	1,347	70	171	-	-	-
lour children enrolled.	545 136	446 94	31 11	15	52 10	16	-
live or sore children enrolled	41	21	2		2	2	14



Table 15. Families With Children Enrolled in Elementary and High School, by Number of Children Enrolled in All Schools and Private Schools, Family Income, Race, and Spanish Origin: October 1979—Continued

(Mumbers in thousands. Civilian nominatitutional population. For meaning of symbols, see text)

Number of children encolled in elementary			ber of child				Five or
and/or high school, family income, race, and \$ponish origin	femilies	None	One	Two	Three	Four	3070
WHITECoatinued							
\$50,000 aux over	İ	.					_
All families with children shrolled	769	540	126	5th	26	2	ð
Post line without	317	227	90	.	-	-	-
One child enrolled Two children enrolled	293 125	219 73	18	56 11	24	-	-
Three children enrolled	23	20	-	-	2	2	- 9
Five or more children enrolled	,10	1	-	- 1	- 1	-	•
Income Not Reported	′				19	_	2
All families with children enrolled	1.546	1,332	12.	66		1	•
Families with	.′ 818	722	96	51		-1	
Two children errolled	470 191	395 158	25 6	9	18	-	•
Three children enrolled	53	46	-1	5	2	- 1	
Fire or more children enrolled	14	12	-	- 1	-1	-	•
BIACK							
All Incomes							
All families with children enrolled	3,024	2,806	156	46	16	1	•
Families with One child enrolled	1,350	1,198	133		-1	=1	
Two children enrolled	857	807 423	10	35 10	16	-	
Three children enrolled	458 227	223	4	-	-	1	
Five or more children enrolled	152	150	-	2	-	- 1	
Less than \$5,000						1	
All femilies with children enrolled	647	629	10	5	- 1	-	
Families with One child enrolled	271	264	7	- 3	-	-1	
Two abildwan anyollad	183 113	180 106	ī	2	4	-	
Three children enrolled	47	46	2	-	<u>-</u>	. i	
Five or more children enrolled	33	33	-	[]	-		
\$5,000 to \$9,999	1				,	ı İ	
All families with children envolled	735	707	16	9	4	•	
Families with One child enrolled	289	277	12	-	- 1		
Two children enrolled	187 130	180	2	5 2	4	-	
Three children enrolled	75	72	2	- 2	- 1	1	
Five or more children enrolled	55	53	-	- 1	-1		
\$10,000 to \$14,999	ļ				2	_	
All families with children enrolled	597	570	23	2	- [_	
Femilies with One child enrolled	283	261	22	-	-	-	
Two children enrolled	164	161 78	1	2	2	-	
Three children enrolled	44	44	-	-	-	-	
Five or more children enrolled	27	27	-	-	-	_	
\$15,000 to \$19,999					ļ		
All femilies with children enrolled	329	299	20	9	-	_	
Families with One child enrolled	149	132	17	-	-	-	
Two abildren envolled	104	94	3	7 2	- 1	-	
Three children enrolled	27	27	-	- 1	-	-	
Five or more children enrolled	6	6	-	-	-	-	
\$20,000 to \$24,999				أ	<u>۾</u>		
All families with children enrolled	257	206	44	6	2	-	
Families with One child enrolled	117	82	35	-	•	-	
Two abildren enrolled	81 25	68 21	7	6	2		1
Three children enrolled	25 19	19	-	-	-	-	
Four children enrolled	15	15	-1	-	-	•	1



Table 15 Families With Children Enrolled in Elementary and High School, by Number of Children Enrolled in All Schools and Private Schools, Family Income, Race, and Spanish Origin: October 1979—Continued

(Numbers in thousands. Civilian nonfustitutional population. For meaning of symbols, see text)

Number of children enrolled in elementary and or high school, family income, race,			Aumber of ch	lldren enrol	led in privat	e school	
and Spanish origin	All families	None	One	Two	Three	Four	Five or
BLACKContinued							
\$25,900 to \$49,999		i					
All families with children enrolled	229	182	34	9	3	_	_
Families with							
One child enrolled	117	85 72	32	8	<u>-</u>	-	-
Three children enrolled	27	23		2	3	-	-
five or more children enrolle	-	-1		-	-	-1	
\$20,000 and over	ļ						
All femilies with children enrolled	12	9	2	-	2	-	
Families with One child entolled	4	2	,			ĺ	
Three children enrolled	2	2	2	-	-	-	-
Four children enrolled		[]		-	2	-	•
Five or more children enrolled	4	4		-	-		_
Income Not Repurted		1	ŀ	İ			
All femilies with children enrolled	218	204	7	,	_	_	
Families with One child enrolled,	,,,						
Two children enrolled	101	94 51	7	4	- 1	-1	-
Three children enrolled	38 12	15	-	3	-	-1	-
Five or more children enrolled	12	12	- [-		-
SPANISH ORIGIN ¹							
All Incomes	Ì						
All families with children enrolled	1,406	: ,245	99	49	8	4	_
Families with	1	1		"	ľ	7	_
One child enrolled	550 487	478	72 18	39	-	-	-
Three children enrolled	214	192	8	6	5	-	
Four children enrolled	110	103	1	4	7	4	
Le 4.5. 2 han - > , (40)						-	
All families at a children sprolled	211	203	6		2		_
Families with							
One child enrolled	67	63	1	- 1	-	-	-
Three children enrolled.	27	25		-	2	-	-
Five or more children enrolled	17 15	16	1 -	-	.	<u>:</u>	-
\$5,000 to \$9,494							
All families with children enrolled	316	298	,[7	2	_	_
Families with One child enrolled							
Two children enrolled	130	1.21 85	9	7	-	-	-
Three children enrolled	49	47	-		2	-	-
Pive or more children enrolled	íš	13		-		-	
\$10,000 to \$14,999	į		Ì		l		
All families with children enrolled	328	293	21	10	2	2	*
Splice with One child enrolled	,,,			j			
Two children enrolled	103	108	13 į	8	:1	:1	-
Three children enrolled	57 40	52	3	-	2	-	-
Five or more children enrolled	7	36	-	2	-	2 -	-
1,,000 to 114,499							
All families with children enrolled	186	148	27	,	3	3	_
One child enrolled	PO .						
Two children enrolled,	89 56	63 48	2?	-	_	1	-
Three children enrolled	25 11	19	2	2	2	-	-
Five or more children enrolled	`è	8	~	2	- i	1	**



Table 15. Families With Children Enrolled in Elementary and High School, by Number of Children Enrolled in All Schools and Private Schools, Family Income, Race, and Spanish Origin: October 1979—Continued

(Numbers in thousands. Civilian noninstitutional population. For meaning of sysbols, see text)

Numbers in thousands. Civilian noninstitutional populat		New	mber or chil	dren enrolle	ed in private	school	
umber of children enrolled in elementary and/or high school, family income, race, and Spanish origin	All families	None	One	Two	Three	Four	five of
SPANISH ORIGIN ¹ Continued							
320,000 to \$24,999			į	1		1	
Atl families with children eprolised	124	102	12	11		-	
Families with	45	38	7	-]	-	- 1	
n skill ammolled	65	51	5	9	- }	- 1	
rtin abilduan envolues anno la company de la	12	9	-1	2	- 1	- 1	
Three children enrolled.	1 1	1]	-	-	11	- 1	
Four children enrolled	2	2	-	-	1		
\$25,000 to \$49,999		į		İ		ا	
All families with children enrolled	143	171	20	10	-	2	
Papilies with	56	40	16	• •	-	- 1	
One child shrolled	53	45	-	8	-	- 1	
Two children enrolled	27	22	3	2	-1	2	
Two Children enrollsd	4	2	- }	- !	- 1	- 1	
Five or more children enrolled	3	3	-	-		-	
\$50,000 and over			i	ł	_	_ [
All families with children enrolled	6	4	2	-	-		
Families with	3	1	2	- }	-	11	
One child enrolled	2 1	2	- }	- 1	7 }		
Two children enrolled	- {	-	-1	-1	21	_	
Three children enrolled	~	-	* 1	- 1	- 1		
Four children earolled	-	-					
income Not Reported				4	Ì	_	
All families with children enrolled	93	87	2	"			
Pamilies with	40	38	2	-	-	-	!
One child errolled	31	27	- 1	4	-	_	1
m	17	17	- 1		- 1		ĺ
mb akildan 6470118daaaaaa aa 111134 4411 4411 4411 1	5	5	-	- 1	<u>-</u> 1	-	1
Four children enrolled	-	-	-				

ipersors of Spanish origin may be of any race



Table 16. Families With Children Enrolled in Private Elementary and High School, by Tuition and Fees Paid, Number of Children Enrolled, and Family Income: October 1979

(Musbars in thousands. Civillan noninstitutional population. For meaning of symbols, see text)

Cavara avaidati	All								and fees						
Number of children enrolled and family income	with chil- dren in private school	None	Leas than \$250	to	to	to	l to	to.	\$2,000 to \$2,999	\$3,000 to \$3,999	to	\$5,000 to \$9,999	\$10,000 or	and	Stand- ard error of the
ALL INCOMES					1			 	V-V	V3, 7,7,7	44,777	49,339	more	[000	****
All fazilies with children enrolled in private school	2,665 1,609 729 242 85	53 38 11 4	264 183 66 15	298 100	89	316 238 50 20 8	374 218 124 28 4	185 53 73 44 14	170 52 83 16 20	71 23 25 19 4	36 17 13 3 3	50 7 28 9 6	4	\$1,126 \$820 \$1,451 \$1,715 \$2,303	\$52 \$40 \$120 \$247 \$499
All families with children enrolled	- 1										•				
in private school	79 60 14 6 -	-	9 8 - -	25 17 5 2	16 13 1 2	4 3 - -	8 4 4	1 - 1	-			-	-	\$533 \$474 (B) (B)	\$85 \$80 (a) (a)
\$5,000 TO \$9,999	İ				i i	-		l		-	-	-		(x)	(x)
All families with children enrolled in private school	159 102 43 14	7 3 2 2	14 10 4	30 20 7 3	35 23 12	15	16 6 8 2	9 2 5 2	2	-	2 2 -	1	-	\$732 \$636 \$779 (B)	\$111 \$127 \$163 (B)
\$10,000 to \$14,999	1	1				ı	-	-	- 1	-	-]	1	-	(B)	(B)
Ail families with children enrolled in private school	351 225 90 30	9 9 - -	53 31 15 6	76 59 12 5	48 43 4 1	51 36 10 3	47 21 22 3	16 5 6 3	11 4 7	5 1 7 3	2 1 1 1 -	4		\$829 \$619 1,258	\$100 \$68 \$306
315,000 TO \$19,992				-		2	2	2	-	-	-	-	-1	(8)	\$396 (a)
All families with children enrolled in private school	417	10													
ne child enrolled	246 120 34 17	7 3	40 27 11 2	87 48 26 11	75 47 23 1	51 44 5	63 33 23 7	40 13 11 11	12 6 3 1	2 -	1	4 2 1		\$939 \$791 1,093	\$131 \$96 \$400 \$206
20,000 m \$24,999	ĺ			Ì		1	- 1	5	2	2	1	-	7	(B)	(B)
All families with children enrolled in private school	478 309 111 42 16	10 6 2 2	52 43 10	84 61 14 10	80 59 10 5	75 54 14 5	54 43 10	35 10 15	34 6 18 4	2 2 2	2 -	~		\$862 \$708 ,143 ,077	\$64 \$64 \$160
25,000 to \$49,999					"	2	1	-	6	-	-	-	- *	(a)	\$230 (B)
All families with children enroiled in private school	710 401 211 67 32	12 8 4	66 44 17 5	95 61 25 6 3	122 86 26 5	82 56 15 10	116 68 38 9 2	57 19 25 8 5	64 21 28 6 8	34 8 16 10	14 7 8 -	11 2 5 2 3	- - \$1 - \$1	,549	\$81 \$85 \$166 \$272
0,000 AND OVER	1								ŀ			1	- \$1	,937	\$523
All families with children enrolled in private school	240 132 68 30 11	1	10 8 2	20 16 4 1		21 19 2	3) 24 6 3	16 3 5 4 2	37 11 18 3 4	19 10 5 2 2	12 6 2 3	26 3 14 7 2	7 \$2 - \$1 2 \$2 4 \$5	472 956	\$324 \$224 \$550 ,239 (B)
All families with children envolled															
in private school	230 135 73 19 2	3	12 7 2	16	18 :	18 14 2 2	36 19 14 3	11 7 4	11 3 8 -	5	1 2	4	- \$1.	723	174 102 1361 (B) (B)

Note Mean difficult and their standard errors are shown for a few groups of less than 75,000 persons. It is usual practice not to show summary measures based on a population of less than 75,000. The unreliability of the estimated means based on a small number of sample cases is supported by the relatively large standard errors for these estimates. However, the estimated standard errors produced by a small number of cases are also unreliable.



4,

Appendix A. Definitions and Explanations

Population coverage. The figures shown are for the civilian noninstutional population.

Metropolitan nonmetropolitan residence. The population residing in standard metropolitan statistical areas (SMSA's) constitutes the metropolitan population. Except in New England, an SMSA is a county or group of contiguous counties which contains at least one city of 50,000 inhabitants or more, or "twin cities" with a combined population of at least 50,000. In addition to the county, or counties, containing such a city or cities, contiguous counties are included in an SMSA if, according to certain criteria, they are essentially metropolitan in character and are socially and economically integrated with the central city. In New England, SMSA's consist of towns and cities, rather than counties. The metropolitan population in this report is based on SMSA's as defined in the 1970 census and does not include any subsequent additions or changes.

Comparability of metropolitan and nonmetropolitan data from the 1979 CPS with data for previous years. Changes in Current Population Survey (CPS) design and procedures over the last several years have made the annual series of sample population data for metropolitan and nonmetropolitan areas inconsistent. Analytic comparisons of year-to-year changes in these figures should be avoided. Trends in metropolitan and nonmetropolitan population growth over the 1972-79 period should not be appreciably affected by the procedural changes.

The major revisions to the CPS sample design and estimation methods have involved the expansion of the number of sample units from 55,000 housing units to 65,500 housing units. This incorporation of approximately 10,000 supplemental housing units into the October CPS sample in 1977 was accompanied by new procedures for inflating the sample results to reflect national estimates. It was determined subsequent to the introduction of the additional sample that the new inflating (weighting) procedures used for processing both the October 1977 and October 1978 CPS supplement data had resulted in an apparent overestimate of the nonmetropolitan population and corresponding underestimate of the metropolitan population for those years. For October 1979/another revision of the weighting process was introduced to correct the problem discovered in the earlier procedures. The result of this change was a spurious large increase in the metropolitan population and decrease in the nonmetropolitan population relative to October 1978 levels.

The October 1979 CPS metropolitan-nonmetropolitan population estimates also reflect other operational changes including the introduction of a coverage improvement sample designed to provide greater accuracy in survey estimation. The net effect of all changes in procedure was to increase the metropolitan area estimates. Research and detailed analysis of the impact of each procedural change on the population estimates is underway and the results will be issued in a forthcoming technical report.

Central cities. Each SMSA must include at least one central city, and the complete title of an SMSA identifies the central city or cities. If only one central city is designated, then it must have 50,000 inhabitants or more. The area title may include, in addition to the largest city, up to two city names on the basis and in the order of the following criteria: (1) The additional city has at least 250,000 inhabitants or (2) the additional city has a population of one-third or more of that of the largest city and a minimum population of 25,000. An exception occurs where two cities have contiguous boundaries and constitute, for economic and social purposes, a single community of at least 50,000, the smaller of which must have a population of at least 15,000.

Geographic regions. The four major regions of the United States, for which data are presented in this report, represent groups of States, as follows:

Northeast: Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, and Vermont.

North Central: Illinois, Indiana, Iowa, Kansas, Michigan, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Dakota, and Wisconsin.

South: Alabama, Arkansas, Delaware, District of Columbia, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia.

West: Alaska, Arizona, California, Colorado, Hawaii Idaho, Montana, Nevada, New Mexico, Oregon, Utah, Washington, and Wyoming.

School enrollment. The school enrollment statistics from the current survey are based on replies to the enumerator's inquiry as to whether or not the person was enrolled in



43

school. Enumerators were instructed to count as enrolled anyone who had been enrolled at any time during the current term or school year in any type of graded public, parochial, or other private school in the regular school system. Such schools include nursery schools, kindergartens, elementary schools, high schools, colleges, universities, and professional schools. Attendance may be on either a full-time or part-time basis and during the day or night. Thus, regular schooling is that which may advance a person toward an elementary or high school diploma, or a college, university, or professional school degree.

Elementary school includes grades 1 to 8 in this report; high school or secondary school includes grades 9 to 12. Enrollment in nursery school and kindergarten are shown separately. No figures are presented for college enrollment.

Nursery School. A nursery school is defined as a group or class that is organized to provide educational experience for children during the year or years preceding kindergarten. It includes instruction as an important and integral phase of its program of child care. Private homes in which essentially custodial care is provided are not considered nursery schools.

"Head Start." Children enrolled in "Head Start" programs or similar programs sponsored by local agencies to provide preschool education to young children are counted under "Nursery" or "Kindergarten" as appropriate.

Public or private school. In this report, a public school is defined as any educational institution operated by publicly elected or appointed school officials and supported by public funds. Private schools include educational institutions established and operated by religious bodies, as well as those which are under other private control. In cases where enrollment was in a school which was both publicly and privately controlled or supported, enrollment was counted according to whether it was primarily public or private.

In this survey, respondents were asked if the private school was church related or not church related. Schools controlled and operated by religious bodies were considered church related. This included all parochial schools and other religious affiliations.

Private school tuition. Survey respondents attending private schools reported the amount of tuition and fees paid in the 1979-80 school year. Only fees required for school entry, such as registration fees and laboratory fees were included. The cost of room and board, books, uniforms, school supplies, and lunches were excluded.

Age. The age classification is based on the age of the person at his last birthday.

Race. The population is divided into three groups on the basis of race: White, Black, and "other races." The last category includes Indians, Japanese, Chinese, and any other race except White and Black.

Spanish origin. Information on origin or descent was obtained by asking "What is (this person's) origin or descent?"

Responses generally refer to a person's perceived national or ethnic lineage and do not necessarily indicate his/her country of birth or that of his/her parents. The category Spanish origin includes persons of Mexican, Puerto Rican, Central or South American, and other Spanish origin.

Family. The term "family," as used here, refers to a group of two persons or more related by blood, marriage, or adoption and residing together; all such persons are considered as members of one family.

Family householder. In the CPS, the term "family householder" is used to refer to persons maintaining the household. In surveys taken prior to the 1980 Census of Population, women were not classified as the "head of family" or family householder if their husbands were present. This practice will be discontinued in surveys conducted after the 1980 Census of Population.

Head versus householder. In the 1980 census, the Bureau of the Census discontinued the use of the terms "head of household" and "head of family." Instead, the terms "householder" and "family householder" were used. Recent social changes resulted in greater sharing of household responsibilities among the adult members and, therefore, made the term "head" inappropriate in the inalysis of household and family data. Specifically, the Bureau reconsidered its longtime practice of always classifying the husband as the head when he and his wife are living together.

In the 1980 census, the householder was the first adult household member listed on the census questionnaire. The instructions called for listing first the person (or one of the persons) in whose name the home is owned or rented. If a home is owned jointly by a married couple, either the husband or the wife was listed first, thereby becoming the reference person, or householder, to whom the relationship of other household members was recorded. Thus, the Bureau is publishing the responses on relationships as given in the 1980 census, except in selected tables where the husband is always shown as the householder in order to maintain comparability with previous census classifications.

Dependent family members. In this survey, a dependent family member is a relative of the person maintaining the family other than the spouse. Such persons are generally sons and daughters within the family. Family members who are living away from home while attending college are also counted as dependent family members.

Educational attainment. Data on years of school completed in this report were derived from the combination of answers to two questions: (a) "What is the highest grade or year of regular school ... has ever attended?" and (b) "Did ... complete that grade (year)?"

The questions on educational attainment apply only to progress in "regular" schools. Such schools include graded public, private, (including parochial) elementary and high schools (both junior and senior high), colleges, universities, and professional schools, whether day schools or night



schools. Thus, regular schooling is that which may advance a person toward an elementary school certificate, high school diploma, or a college, university, or professional school degree. Schooling in other than regular schools was counted only if the credits obtained were regarded as transferable to a school in the regular school system.

Family income. In this report, family income is derived from a single question asked of the household respondent when a household first enters the sample and is updated on the anniversary of entry. Income includes money income from jobs; net income from business, farm, or rent; pensions; dividends; interest; social security payments; and any other money income. The income of nonrelatives living in the household is excluded, but the income of all family members 14 and over, including those temporarily living away, is included. It should be noted that while characteristics of the person, such as age and marital status, and the composition of families refer to the date of the interview, family income statistics refer to receipts over a 12-month period starting 12 to 16 months prior to the interview.

The income tables include in the lowest income group those who were classified as having no income in the 12-month reference period and those reporting a loss in net income from farm and nonfarm self-employment or in rental income.

The detailed income tables in this report include a separate category for families for which no income information was

obtained. In most other Current Population Reports showing income data, the missing income data have been allocated.

The money income level of families shown in this report may be somewhat understated. Income data from the October control card are based on the respondent's estimate of total family money income in broad, fixed income intervals. Income data collected in the March supplement to the CPS are based on responses to 11 direct questions asked about each person 14 and over and identifying 23 different sources of income in the preceding calendar year. (See U.S. Bureau of the Census, Current Population Reports, Series P-20, No. 333, School Enrollment—Social and Economic Characteristics of Students: October 1977, table B-1.)

Previous research has shown that the use of broad income intervals to record money income tends to reduce the rate of nonreporting, while increasing the likelihood that the amounts reported will be significantly understated as compared with results from more detailed questions.

Symbols. A dash (-) represents zero or rounds to zero and the symbol "B" means that the base of the derived figures is less than 75,000. An "X" means not applicable and "NA" means not available.

Rounding of estimates. Individual figures are rounded to the nearest thousand without being adjusted to group totals which are independently rounded. With few exceptions, percentages are based on the rounded absolute numbers.



Appendix B. Source and Reliability of Estimates

SOURCE OF DATA

Most of the estimates in this report are based on data collected in October 1979 from the Current Population Survey (CPS) of the Bureau of the census. Some estimates are based on data obtained 'n earlier years. The monthly CPS deals mainly with labor force data for the civilian non-institutional population. Questions relating to labor force participation are asked about each member 14 years old and older in each sample household. In addition, supplementary questions regarding private school enrollment and school tuition are asked about all eligible members of the household each October. The following table provides a brief description of some aspects of the CPS sample designs in use during the referenced data-collection periods.

The CPS sample was initially selected from the 1970 census files and is continuously updated to reflect new construction where possible (see section "Nonsampling Variability" on the following page). The CPS sample in October 1979 was located in 614 areas with coverage in each of the 50 States and the District of Columbia. The CPS sample

areas were comprised of 1,113 counties, independent cities, and minor civil divisions in the nation.

The estimation procedure used for the monthly CPS data involves the inflation of weighted sample results to independent estimates of the civilian noninstitutional population of the United States by age, race, and sex. These independent estimates are based on civilian noninstitutional population controls from decennial censuses; statistics on births, deaths, immigration and emigration; and statistics on the strength of the Armed Forces.

In addition to data from the CPS, information from other sources is referred to in the text. Data from the 1960 and 1970 censuses shown in table B are from 25 and 15 percent samples of the population, respectively, and have negligible sampling variance. Standard errors of the estimated percentages from the census in table B are less than 0.1 percent. Administrative data from the National Catholic Education Association are compared with CPS figures in the text. These data include total counts of students enrolled in Catholic school (kindergarten through high school) as reported by each diocese and tabulated for states.

Description of the Current Population Survey for October Supplement

The sended		Households	eligible	
Time period	Number of sample areas 1	Interviewed	Not interviewed	Housing units visited, not eligible ²
October 1977 ³ , 78, 79 October 1972 to October 1976 October 1967 to October 1971 October 1963 to October 1966 October 1960 to October 1962 ⁴ October 1956 to October 1959 October 1954, 55 October 1948 to October 1953	614 461 449 357 333 330 230 68	54,000 45,000 48,000 33,500 33,500 33,500 21,000 21,000	2,500 2,000 2,000 1,500 1,500 1,500 500-1,000 500-1,000	10,000 8,000 8,500 6,000 6,000 3,000-3,500 3,000-3,500

Beginning in May 1956, these areas were chosen to provide coverage in each State and the District of Columbia.



46

²These are housing units which were visited, but were found to be vacant or otherwise not eligible for interview.

³A supplementary sample of housing units in 24 States and the District of Columbia was incorporated with the monthly CPS to produce October 1977 and later data.

Three sample areas were added in 1960 to represent Alaska and Hawaii after statehood.

RELIABILITY OF THE ESTIMATES

Since the CPS estimates in this report are based on a sample, they may differ somewhat from the figures that would have been obtained if a complete census had been taken using the same questionnaires, instructions, and enumerators. There are two types of errors possible in an estimate based on a sample survey—sampling and nonsampling. The standard errors provided for this report primarily indicate the magnitude of the sampling error. They also partially measure the effect of some nonsampling errors in response and enumeration, but do not measure any systematic biases in the data. The full extent of nonsampling error is unknown. Consequently, particular care should be exercised in the interpretation of figures based on a relatively small number of cases or on small differences between estimates.

Nonsampling variability. As in any survey work, the results are subject to errors of response and nonreporting in addition to sampling variability. Nonsampling errors can be attributed to many sources, e.g., inability to obtain information about all cases in the sample, definitional difficulties, differences in the interpretation of questions, inability or unwillingness to provide correct information on the part of respondents, inability to recall information, mistakes made in collection such as in recording or coding the data, errors made in processing the data, errors made in estimating values for missing data, and failure to represent all units with the sample (undercoverage).

Undercoverage in the CPS results from missed housing units and missed persons within sample households. Overall undercoverage, as compared to the level of the decennial census, is about 5 percent. It is known that CPS undercoverage varies with age, sex, and race. Generally, undercoverage is larger for males than for females and larger for Blacks and other races than for Whites. Ratio estimation to independent age-sex-race population controls, as described previously, partially corrects for the biases because of survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics than interviewed persons in the age-sex-race group. Further, the independent population controls used have not been adjusted for undercoverage in the decennial census.

Use of metropolitan and nonmetropolitan data. In using metropolitan and nonmetropolitan data, particular care should be exercised in comparing estimates from 1977 and later years to each other and to those from earlier years. Methodological and sample design changes have occurred in these recent years resulting in relatively large differences in the metropolitan and nonmetropolitan area estimates.

Sampling variability. The standard errors given in the following tables are primarily measures of sampling variability, that is, of the variation that occurred by chance because of sample rather than the entire population was surveyed. The sample estimate and its standard error enable one to construct interval estimates that include the average result of all

possible samples with a known prepability. For example, if all possible samples were selected, each of these surveyed under identical conditions using the same sample design, and an estimate and its standard error were calculated from each sample, then:

- Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the average result of all possible samples.
- Approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the average result of all possible samples.
- 3. Approximately 95 percent of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the average result of all possible samples.

The average result of all possible samples may or may not be contained in any particular computed interval. However, for a particular sample one can say with specified confidence that the average result of all possible samples is included within the constructed interval.

Standard errors may also be used to perform a hypothesis test; a procedure for distinguishing between population parameters using sample estimates. The most common test of hypotheses appearing in this report is: 1) the population parameters are identical, versus 2) they are different. An example of this would be comparing the number of students enrolled in a private school in 1979 versus the number enrolled in a private school in 1970. Tests may be performed at various levels of significance, where the level of significance is the probability of concluding that the parameters are different when, in fact, they are identical.

All statements of comparison in the text have passed a hypothesis test at the 0.10 level of significance or better, and most have passed a hypothesis test at the 0.05 level of significance or better. This means that, for most differences cited in the text, the estimated difference between parameters is greater than twice the standard error of the difference. For the other differences mentioned the estimated difference between parameters is between 1.6 and 2.0 times the standard error of the difference. When this is the case, the statement of comparison will be qualified in some way; e.g., by use of the phrase "some evidence".

Note when using small estimates. Summary measures (such as means, medians, and percent distributions) are shown in the report only when the base is 75,000 or greater. Because of the large standard errors involved there is little chance that summary measures would reveal useful information when computed on a smaller base. Estimated numbers are shown, however, even though the relative standard errors of these numbers are larger than those for the corresponding percentages. These smaller estimates are provided primarily to permit those combinations of the categories which serve each user's needs.



Standard error tables and their use. In order to derive standard errors that would be applicable to a large number of estimates and could be prepared at a moderate cost, a number of approximations were required. Therefore, instead of providing an individual standard error for each estimate, generalized sets of standard errors are provided for various types of characteristics. As a result, the sets of standard errors provided give an indication of the order of magnitude of the standard error of an estimate rather than the precise standard errors.

The figures presented in tables B-1 through B-6 provide approximations to standard errors of various estimates for total, White, Black, or persons of Spanish origin in the total U.S. for school enrollment only. To obtain standard errors for other characteristics related to enrollment, factors from table B-7 must be applied to the standard errors given for school enrollment in order to adjust for the combined effect of sample design and estimating procedure on the value of the characteristic. Standard errors for intermediate values not shown in the tables may be approximated by interpolation.

Table B-1. Standard Errors for Estimated Numbers of Persons: Total or White

(Numbers in thousands)

Estimated number of persons	Standard error	Estimated number of persons	Standard error	
10	4.5 6.4 7.9 9.1 10.2 12.4 14.4 20.3 24.8 28.6 32.0	750	39.0 45.0 62.9 76.2 87.0 96.2 114.3 127.8 155.2 152.4	

Note: To estimate the standard errors for the period 1956 to 1966, multiply these standard errors by 1.23. For years prior to 1956, multiply by 1.5.

Standard errors of estimated numbers. The approximate standard error, σ_{χ} , of an estimated number shown in this report can be obtained by the use of the formula

$$\sigma_{\mathbf{x}} = \mathbf{f}\sigma$$
 (1)

In this formula, f is the appropriate factor from table B-7 and σ is the generalized standard error for total or White persons in table B-1, for Black and other races in table B-2, or for persons of Spanish origin in table B-3.

Standard errors of estimated percentages. The reliability of an estimated percentage, computed by using sample data

for both numerator and denominator, depends on both the size of the percentage and the size of the total upon which this percentage is based. Estimated percentages are relatively more reliable than the corresponding estimates of the numerators of the percentages, particularly if the percentages are 50 percent or more. The approximate standard error, $\sigma_{(x,p)}$, of an estimated percentage can be obtained by use of the formula:

$$\sigma_{(\mathbf{x},\mathbf{p})} = f\sigma$$
 (2)

In this formula, f is the appropriate factor from table B-7 and σ is the generalized standard error for total or White persons in table B-4, for Black and other races in table B-5, or for persons of Spanish origin in table B-6. When the numerator and denominator of the percentage are in diffferent categories, use the table and factor indicated by the numerator.

Table B-2. Standard Errors for Estimated Numbers of Persons: Black and Other Races

(Numbers in thousands)

Estimated number of persons	Standard error	Estimated number of persons	Standard error	
10	5.3 7.5 9.1 10.5 11.8 12.9 14.4 16.6 23.3 28.3 32.5	500	36.1 39.2 43.4 49.1 63.8 70.6 71.7 67.3 56.4 32.7	

Note: To estimate the standard errors for the period 1956 to 1966, multiply these standard errors by 1.23. For years prior to 1956, multiply by 1.5.

Illustration of the use of tables of standard errors. Table B of this report shows that in October 1979 there were an estimated 4,231,000 students enrolled in private elementary and high schools. Table B-1 shows the standard error of an estimate of this size to be approximately 89,000. Applying the appropriate factor from table B-7 and using formula (1), the approximate standard error is $1.0 \times 89,000 = 89,000$. The 68-percent confidence interval as shown by the data is from 4,142,000 to 4,320,000. Therefore, conclusion that the average estimate derived from all possible samples lies within a range computed in this way would be correct for roughly 68 percent of all possible samples. Similarly, we could conclude with 95-percent confidence that the average estimate derived from all possible samples lies within the interval from 4,053,000 to 4,409,000 (i.e., 4,231,000 \pm $(2 \times 89,000)$.



Table B-3. Standard Errors for Estimated Numbers of Persons: Spanish Origin

(Numbers in thousands)

Estimated number of persons	Standard error	Estimated number of persons	Standard error	
10	6.2 8.8 10.7 12.4 13.9 17.0 19.6 27.7	300	33.9 39.1 43.7 53.3 61.4 85.9 104.1 118.8	

Table A also shows that in October 1979, 14.3 percent of the 3,025,000 students enrolled in kindergarten were enrolled in private schools. Table B-4 indicates that the standard error on this percentage to be about 0.9 percent. Applying the appropriate factor from table B-7 and using formula (2), the approximate standard error is $0.9 \times 0.9 = 0.8$ percent. Consequently, the 68-percent confidence interval as shown by this data is from 13.5 percent to 15.1 percent, and the 95-percent confidence interval is from 12.7 percent to 15.9 percent.

Standard error of a difference. For a difference between two sample estimates, the standard error is approximately equal to

$$\sigma_{(x-y)} \doteq \sqrt{\sigma_{x}^{2} + \sigma_{y}^{2}} \tag{3}$$

where $\sigma_{\rm x}$ and $\sigma_{\rm y}$ are the standard errors of the estimates x and y, respectively; the estimates can be of numbers, percents, medians, etc. This will represent the actual standard error quite accurately for the difference between two estimates of the same characteristic in two different areas, or for the difference between two separate and uncorrelated characteristics in the same area. If, however, there is a high positive (negative) correlation between the two characteristics, the formula will overestimate (underestimate) the true standard error.

illustration of the computation of the standard error of a difference. As stated earlier, table A of this report shows that in October 1979, 14.3 percent of the students enrolled in kindergarten were enrolled in private schools. Table A also shows that in October 1979, 11.2 percent of the 27,865,000 students enrolled in elementary school were enrolled in private schools. Thus, the apparent difference between the two percentages is 3.1 percent. The standard error $\{\sigma_{\mathbf{x}}\}$ of 14.3 percent is 0.8 percent as shown above.

Table B-4 and factor table B-7 show the standard error (σ_y) of 11.2 percent with a base of 27,865,000 to be approximately $0.3 = 0.3 \times 1.0$ percent. Therefore, using formula (3), the standard error of the difference 3.1 percent is about

$$0.9 \doteq \sqrt{(0.8)^2 + (0.3)^2}$$

This means that the 90-percent confidence interval about the difference is from 1.7 percent to 4.5 percent, and the 95-percent confidence interval is from 1.3 percent to 4.9 percent. Since the 95-percent confidence interval does not contain zero, we can conclude that in October 1979 there was a significant difference between the percentage of kindergarten students enrolled in private schools and the percentage of elementary school students enrolled in private schools.

Standard error of a median. The sampling variability of an estimated median depends upon the form of the distribution as well as on the size of its base. An approximate method for measuring the reliability of a median is to determine an interval about the estimated median, such that there is a stated degree of confidence that the median based on a complete census lies within the interval.

The following procedure may be used to estimate the 68percent confidence limits of a median based on sample data.

- Determine, using table B·4, B·5, or B·6 and the appropriate factors, the standard error on a 50-percent characteristic;
- add to and subtract from 50 percent the standard error determined in step (1);
- 3. using the distribution of the characteristic, calculate the values from the distribution corresponding to the two points established in step (2). These values will be the limits for the confidence interval.

A 95-parcent confidence interval may be determined by finding the values corresponding to 50 percent plus and minus twice the standard error determined in step (1).

The formula used to implement step (3) for linear interpolation is:

$$x_{pN} = \frac{p \cdot N_1 - N_1}{N_2 - N_1} (A_2 - A_1) + A_1$$
 (4)

where N = total number of private students in the distribution.

x_{pN} = estimated upper and lower bounds for the confidence interval (0≤p≤1). For the purposes of calculating the confidence interval, p takes on the two values in step (2). Note that x_{pN} estimates the median when p = 0.50 is used in the formulas.



 A_1 and A_2 = the lower and upper bounds respectively on the interval in which x_{DN} falls.

 N_1 and N_2 = the estimated number of private students paying tuition less than A_1 and A_2 respectively.

Illustration of the computation of a confidence interval for a median. Table 6 of this report shows that in October 1979 the median yearly tuition for Black dependent family members in private elementary school was \$448.

- There was a total of 206,000 Black dependent family members in private elementary school who reported tuition and fees. Using formula (2) and tables B-5 and B-7 the standard error of a 50-percent characteristic is found to be approximately 6.2 = 1.0 x 6.2 percent.
- 2. To obtain a 95-percent confidence interval on an estimated median, add to and subtract from 50 percent twice the standard error found in step (1). This yields percent limits of 37.6 and 62.4.
- 3. From table 6, 50,000 (24.3 percent) of Black dependent family members in private elementary school reported a yearly tuition fee under \$300, and 86,000 (41.7 percent) reported a yearly tuition fee under \$400. Thus, using formula (4) with A₁ = \$300, A₂ = \$400, P=0.376, N₁ = 50,000 N₂ = 86,000 and N = 206,000, the lower limit on the estimate is found to be about

$$\frac{0.376 (206,000) - 50,000}{86,000 - 50,000} (400 - 300) + 300 = $376$$

Similarly, the upper limit may be found by using formula (4) with $A_1 = 500 , $A_2 = 750 , p = 0.624, $N_1 = 119,000$, $N_2 = 167,000$ and N = 206,000 to be about

$$\frac{0.624 (206,000) - 119,000}{167,000 - 119,000} (750 - 500) + 500 = $550$$

Hence, the 95-percent confidence interval about the estimated median is from \$376 to \$550.

Standard error of an arithmetic mean. The standard error of a mean can be approximated by formula (5) below. However, due to approximations used to develop formula (5), the standard error will generally be underestimates. The formula used to approximate the standard error of a mean is

$$s_{\overline{X}} = \sqrt{\frac{b}{v} s^2}$$
 (5)

where y is the size of the base and b is a constant which depends on the sample size, the sample design, the estimation procedure, and the type of characteristic. The b values are given in table B 7. The variance, s², is given by formula (6):

$$s^2 = \sum_{i=1}^{C} p_i \bar{x}_i^2 - \bar{x}^2$$
 (6)

where \overline{x} is the mean of the distribution, defined by c $\sum_{i=1}^{\infty} p_i \overline{x}_i$, c is the number of groups in the distribution; i indicates a specific group, taking on values of 1 through c; p_i is the estimated proportion of individuals in the ith group; and \overline{x}_i is the midpoint of the ith group (or discrete value of the ith group).

 $\overline{x}_i = (z_{i-1} + z_i)/2$, where z_{i-1} and z_i are the lower and upper interval boundaries, respectively, for group i. If group c is open-ended, (i.e., no upper interval boundary exists), then approximate the average value for this group by

$$\bar{x}_{c} = \frac{3}{2} z_{c-1}$$

when two more distributions are combined, the mean of the combined distribution is:

$$\overline{x} = \frac{1}{y} \sum_{i} \overline{x}_{i} y_{i}$$

where \overline{x}_j is the mean of the j^{th} distribution, y_j is the base of the j^{th} distribution and $y = \sum_j y_j$. This mean must be computed by the user.

Note the standard errors for the means published in the tables may not be considered with the standard errors obtained using the method described above. This is due to the fact that both the reported means and their standard errors are based on more detailed distributions of the data than those provided in this report.



Table B-4. Standard Errors of Estimated Percentages: Total or White

Base of percentages (thousands)	Estimated percentage					
	2 or 98	5 or 95	10 or 90	25 or 75	50	
100	2.0 1.3 '0.9 0.6 0.4 0.3 0.2 0.13 0.09 0.06 0.05	3.1 2.0 1.4 1.0 0.6 0.4 0.3 0.2 0.14 0.10 0.08	4.3 2.7 1.9 1.4 0.9 0.6 0.4 0.3 0.2 0.14	6.2 3.9 2.8 2.0 1.2 0.9 0.6 0.4 0.3 0.2	7.4.3.2.1.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0.0	

Note: To estimate the standard errors for the period 1956 to 1966, multiply these standard errors by 1.23. For years prior to 1956, multiply by 1.5.

Table B-5. Standard Errors of Estimated Percentages: Black and Other Races

	Estimated percentage					
Base of percentages (thousands)	2 or 98	5 or 95	10 or 90	25 or 75	5(
75	2.7 2.3 1.5 1.0 0.7 0.5 0.3 0.2 0.2	4.2 3.6 2.3 1.6 1.2 0.7 0.5 0.4 0.3	5.8 5.0 3.2 2.2 1.6 1.0 0.7 0.5 0.4	8.4 7.2 4.6 3.2 2.3 1.4 1.0 0.7 0.6 0.5	9. 8. 5. 3. 2. 1. 0.	

Note: To estimate the standard errors for the period 1956 to 1966, multiply these standard errors by 1.23. For years prior to 1956, multiply by 1.5.



Table B-6. Standard Errors of Estimated Percentages: Spanish Origin

Base of percentages (thousands)	Estimated percentages						
	2 or 98	5 or 95	10 or 90	25 or 75	50		
50	3.9	6.0	8.3	12.0	13.9		
100	2.7	4.3	5.9	8.5	9.8		
250	1.7	2.7	3.7	5.4	6.2		
500	1.2	1.9	2.6	3.8	4.4		
1,000	0.9	1.4	1.9	2.7	3.1		
2,500	0.5	0.9	1.2	1.7	2.0		
5,000	0.4	0.6	0.8	1.2	1.4		
10,000	0.3	0.4	0.6	0.8	1.0		

Table B-7. "b" Parameters and "f" Factors Used to Approximate Standard Errors

Type of characteristic 1	Total or White Table B-1 or B-4		Black and other Table B-2 or B-5		Spanish origin Table B-3 or B-6	
	b	f	b	f	b	Í
All levels of school or elementary and secondary levels by tuition and family income	2,064	1.0	2,792	1.0	3,851	1.0
Nursery school and kindergarten, by tuition and family income	1,738	0.9	1,738	0.8	3,851	1.0
Number of families	1,389	0.8	1,255	0.7	2,397	0.8

¹For regional or metropolitan-nonmetropolitan data cross-tabulated with other data, also apply the factor 1.4 as well as the factor indicated in the table.

Note: Apply these factors to the standard error tables to obtain appropriate standard errors for the characteristic of interest.

