1990

Section 1

Population

This section presents statistics on the growth, distribution, and characteristics of the U.S. population. The principal source of these data is the Bureau of the Census, which conducts a decennial census of population, a monthly population survey, a program of population estimates and projections, and a number of other periodic surveys relating to population characteristics. For a list of relevant publications, see the Guide to Sources in Appendix I.

Decennial censuses.—The U.S. Constitution provides for a census of the population every 10 years, primarily to establish a basis for apportionment of members of the House of Representatives among the States. For over a century after the first census in 1790, the census organization was a temporary one, created only for each decennial census. In 1902, the Bureau of the Census was established as a permanent Federal agency, responsible for enumerating the population and also for compiling statistics on other subjects.

The census of population is a complete count. That is, an attempt is made to account for every person, for each person's residence, and for other characteristics (sex, age, family relationships, etc.). Since the 1940 census, in addition to the complete count information, some data have been obtained from representative samples of the population. In the 1980 census, two sampling rates were employed. For most of the country, one in every six households (about 17 percent) received the long form or sample questionnaire; in areas estimated to have fewer than 2,500 inhabitants, every other household (50 percent) received the sample questionnaire to enhance the reliability of sample data in small areas. Exact agreement is not to be expected between sample data and the complete census count. Sample data may be used with confidence where large numbers are involved and assumed to indicate trends and relationships where small numbers are involved.

Three different census counts for the resident population in 1970 are shown in the tables: 203,211,926; 203,235,298; and 203,302,031. The first is the initial tabulated count, the second is the official count, and the third contains the latest revisions. Breakdowns of the revised count of 203,302,031 are not available for demographic characteristics and may not be available for some levels of geography. The complete count data from the 1980 census shown in this edition are consistent with figures published in the 1980 census final reports, series PC80-1-A.

Census data presented here have not been adjusted for underenumeration. Results from the evaluation program for the 1980 census did not produce a definitive estimate of the undercount, but did show that coverage improved substantially over previous censuses. The 1980 Post-Enumeration Program (PEP) estimates of overall coverage ranged between a 1.0 percent overcount and a 2.1 percent undercount; Demographic Analysis (DA) estimated the net undercount at between 1.0 and 2.2 percent. Consistent estimates of census coverage for the last 5 censuses (1940-80) have been prepared by the method of demographic analysis. For one set of estimates, demographic analysis shows a net underenumeration of about 3.2 million persons in 1980, 6.1 million in 1970, and 6.2 million in 1960. Among the persons not counted in 1980 about 1.5 million were white-and-other races and 1.7 million were black. The overall rate of net underenumeration in 1980, according to this set of estimates, was 1.4 percent. In 1970, the rate was 2.9 percent as compared with 3.3 percent in 1960 and 4.4 percent in 1950. The percent net undercount of blacks—while still high relative to the rest of the population—dropped from 8.0 percent in 1970 to 5.9 percent in 1980. See *The Coverage of Population in the 1980 Census, Evaluation and Research Reports,* PHC80-E4, for a discussion of the various estimates of census coverage.

Current Population Survey (CPS).—This is a monthly nationwide survey of a scientifically selected sample representing the noninstitutional civilian population. The sample is located in 729 areas comprising approximately 1,200 counties and independent cities with coverage in every State and the District of Columbia and is subject to sampling error. At the present time, about 70,000 housing units or other living quarters are assigned for interview at any time, of which about 56,000 are occupied by households eligible for interview; of these, in turn, between 4 and 5 percent are, for various reasons, unavailable for interview.

While the primary purpose of CPS is to obtain monthly statistics on the labor force, it also serves as a vehicle for inquiries on other subjects. Using CPS data, the Bureau issues a series of publications under the general title of Current Population Reports, which cover population characteristics (series P-20), consumer income (series P-60), special studies (series P-23), and other topics.

Estimates of population characteristics based on the 1980 CPS will not necessarily agree with the counts from the 1980 census because the CPS and the 1980 census used different procedures for collecting and processing the data for racial groups, the Hispanic population, and other topics. Caution should also be used when comparing estimates for 1980 and later, (for education data, 1981 and later), which reflect 1980 census-based population controls, to those for 1971 through 1979 (for education, to 1980), which reflect 1970 census-based population controls. This change in population controls had relatively little impact on derived measures such as means, medians, and percent distribution, but did have a significant impact on levels. For example, use of 1980-based population controls resulted in about a 2-percent increase in the civilian noninstitutional population and in the number of families and households. Thus, estimates of levels for 1980 and later will differ from those for earlier years by more than what could be attributed to actual changes in the population and these differences could be disproportionately greater for subpopulation groups than for the total population.

COMPONENTS OF SELECTED POPULATION UNIVERSES: MARCH 1, 1988

[In thousands]

POPULATION UNIVERSE	Number
Total population including Armed Forces overseas	**245,386**
Armed Forces overseas	515
Resident population	244,871
Armed Forces in the United States	1,735
Living off post or with their families on post	952
Living on post without families	783
Civilian population	243,136
Institutional population	2,933
Noninstitutional population	240,203
Civilian noninstitutional population plus Armed Forces living off post or with their families on post (March Current Population Survey universe)	241,155
Civilian noninstitutional population (Current Population Survey universe in months other than March)	240,203

Population estimates and projections.—National population estimates are derived by using decennial census data as benchmarks and data available from various agencies as follows: Births and deaths (National Center for Health Statistics); immigrants (Immigration and Naturalization Service); Armed Forces (Department of Defense and Department of Transportation); net movement between Puerto Rico and the U.S. mainland (Puerto Rico Planning Board); and Federal employees abroad (Office of Personnel Management and Department of Defense). Estimates for States and smaller areas are based on data series such as births and deaths, school statistics from State departments of education and parochial school systems, and Federal income tax returns. These estimates contain estimated emigration of 160,000 per year since 1980 and net undocumented immigration of 200,000 per year. For further information, see *Current Population Reports,* series P-25, No. 1022.

The estimates of the components of change shown for intercensal periods include the "error of closure," the unexplained difference between the estimated population at the end of the decade and the census count for that date. The error of closure at the national level was quite small during the 1960's (379,000). However, for the 1970's it amounts to almost 5 million.

National population projections indicate the approximate future level and characteristics of the population under given assumptions as to future fertility, mortality, and net immigration. The method used to develop the projections involves preparation of projections of each of the components of population change—births, deaths, and net immigration—and the combination of these with July 1 estimates of the current population. Projections for States incorporate further assumptions about the redistribution of population as a consequence of internal migration.

Population estimates and projections are published in the P-25 and P-26 series of *Current Population Reports.* These estimates and projections are generally consistent with official decennial census figures and do not reflect the amount of estimated census underenumeration. However, these estimates and projections by race have been modified and are not comparable to the 1980

census race categories (see section below under "race"). For details on methodology, see the sources cited below the individual tables.

Immigration.—The principal source of immigration data is the *Statistical Yearbook of the Immigration and Naturalization Service,* published annually by the Immigration and Naturalization Service (INS), a unit of the Department of Justice. Immigration statistics are prepared from entry visas and change of immigration status forms. The collection of U.S. immigration statistics began under the Act of 1819. Data on persons arriving in ports were transmitted to the U.S. Secretary of State, who reported the information periodically to Congress. Subsequently, reports to the Secretary of State and to Congress were required by law, as well as the collection of data on immigrants arriving at land borders. Beginning in 1906, those arriving were divided into immigrants and nonimmigrants, depending on how long they intended to remain in the United States.

Immigrants are aliens admitted for legal permanent residence in the United States. The procedures for admission depend on whether the alien is residing inside or outside the United States at the time of application for permanent residence. Eligible aliens residing outside the U.S. are issued immigrant visas by the U.S. Department of State. Eligible aliens residing in the U.S. are allowed to change their status from temporary to permanent residence at INS district offices. The category, immigrant, includes persons who may have entered the U.S. as nonimmigrants or refugees, but who subsequently changed their status to that of a permanent resident. Thus, immigrants as measured in tables 5 through 10 do not equal net civilian immigration as shown in table 14. Nonresident aliens admitted to the United States for a temporary period are nonimmigrants (tables 415 and 416). Refugees are considered nonimmigrants when initially admitted into the U.S.

U.S. immigration law gives preferential immigration status to aliens who are related to certain U.S. citizens or legal permanent residents, aliens with needed job skills, or aliens who qualify as refugees. Immigration to the United States can be divided into two general categories: (1) those subject to the annual worldwide limitation, and (2) those exempt from it. A maximum of 270,000 immigrants may be admitted annually under the current worldwide limitation. Visa allocation is determined by a system consisting of six preference categories, each with its own numerical limitation. The first, second, fourth, and fifth preferences are based on the alien's relationship with a U.S. citizen or legal permanent resident, and the third and sixth preferences are based on needed job skills (see table 6). Aliens not eligible for any of the six preferences may qualify for the nonpreference category. Heavy demand for preference visas has resulted in no nonpreference visas being issued since 1978. Those exempt from the worldwide limitation include immediate relatives of U.S. citizens, refugees and asylees adjusting to permanent residence, and other various classes of special immigrants (see table 6).

Effective November 1966, Cubans admitted or paroled (i.e., admitted without an immigration visa) into the United States after January 1, 1959, and present in the United States for at least 2 years, may obtain permanent resident status. A court decision in September 1976 exempted Cuban refugees from numerical limitations, retroactive to 1968. The Refugee Act of 1980 changed the residency requirement from two years to one year. Beginning in fiscal year 1985, INS began adjusting eligible Cuban entrants who were admitted to the U.S. as part of the Mariel boat lift of 1980, which consisted of approximately 125,000 people.

Effective October 28, 1977, refugees from Vietnam, Laos, or Cambodia were eligible to apply for permanent resident status. Public Law 95-145 provided that Indochinese paroled into the United States after March 31, 1975, or physically present on that date, may become permanent residents after living for at least 2 years in the United States. This period was changed to one year under the Refugee Act of 1980. P.L. 95-145 expired on October 18, 1983. Indochinese refugees who entered the U.S. between March 1975 and April 1980 are eligible to adjust status under P.L. 95-412, the Act of October 5, 1978, which allows for the adjustment of refugee-parolees.

The Refugee Act of 1980, effective April 1, 1980, provides for a uniform admission procedure for refugees of all countries, based on the United Nation's definition of refugees. Authorized admission ceilings are set annually by the President in consultation with Congress. After one year of residence in the United States, refugees are eligible for immigrant status.

Metropolitan Statistical Areas (MSA's), Consolidated Metropolitan Statistical Areas (CMSA's), and Primary Metropolitan Statistical Areas (PMSA's).—The general concept of an MSA is one of a large population nucleus together with adjacent communities which have a high degree of social and economic integration with that nucleus. CMSA's are large metropolitan complexes within which individual components, designated as PMSA's, have been defined. MSA's, CMSA's, and PMSA's are defined by the Office of Management and Budget as a standard for Federal agencies in the preparation and publication of statistics relating to metropolitan areas. The new terms MSA, CMSA, and PMSA went into effect June 30, 1983, replacing the previous terms SMSA (standard metropolitan statistical area) and SCSA (standard consolidated statistical area). The

entire territory of the United States is classified as metropolitan (inside MSA's or CMSA's) or nonmetropolitan (outside MSA's or CMSA's). MSA's, CMSA's, and PMSA's are defined in terms of entire counties except in New England, where the definitions are in terms of cities and towns. To summarize data for New England that are available only by counties, New England County Metropolitan Areas (NECMA's) have been defined as a convenience for data users. From time to time, new metropolitan areas are created and the boundaries of others change. As a result, data for metropolitan areas over time may not be comparable and the analysis of historical trends must be made cautiously. For descriptive details, tables showing changes in metropolitan area definitions, and a listing of area titles and components of each metropolitan area, see Appendix II.

Urban and rural.—According to the 1980 census definition, the urban population comprises all persons living in (a) places of 2,500 or more inhabitants incorporated as cities, villages, boroughs (except in Alaska and New York), and towns (except in the New England States, New York, and Wisconsin), but excluding those persons living in the rural portions of extended cities (places with low population density in one or more large parts of their area); (b) census designated places (previously termed unincorporated) of 2,500 or more inhabitants; and (c) other territory, incorporated or unincorporated, included in urbanized areas. An urbanized area consists of a central city or a central core, together with contiguous closely settled territory, that combined have a total population of at least 50,000.

In censuses prior to 1950, the urban population comprised all persons living in incorporated places of 2,500 or more inhabitants and areas (usually minor civil divisions) classified as urban under special rules relating to population size and density. To improve its measure of the urban population, the Bureau of the Census in 1950 adopted the concept of the urbanized area and delineated boundaries for unincorporated places. The 1950 definition has continued substantially unchanged, except for minor modifications in 1960, the introduction of the extended city concept in 1970, and changes in the criteria for defining urbanized areas for 1980 so as to permit such areas to be defined around smaller centers. In all definitions, the population not classified as urban constitutes the rural population.

Residence.—In determining residence, the Bureau of the Census counts each person as an inhabitant of a usual place of residence (i.e., the place where one usually eats and sleeps). While this place is not necessarily a person's legal residence or voting residence, the use of these different bases of classification would produce the same results in the vast majority of cases.

Race.—In the 1980 census, 15 groups were listed in the race item on the 1980 census questionnaire: White, Black, American Indian, Eskimo, Aleut, Chinese, Filipino, Japanese, Asian Indian, Korean, Vietnamese, Hawaiian, Samoan, Guamanian, and Other. The concept of race as used by the Census Bureau does not denote any clear-cut scientific definition of biological stock. Since the 1980 census obtained information on race through self-identification by respondents, the data represent self- classification by people according to the race with which they identify.

In 1980, if persons of mixed racial parentage could not provide a single response to the race question, the race of the person's mother was used; however, if a single response could not be provided for the mother, then the first race reported by the person was used. This is a modification of the 1970 census procedure in which the race of the person's father was used.

The 1980 population totals for "White" and "Other" are not comparable with corresponding figures from previous censuses. The lack of comparability is due to changes in the way some respondents reported their race as well as changes in 1980 census procedures related to the racial classification. (For a fuller explanation, see *1980 Census of Population, Volume I, General Population Characteristics* (PC80-1-B).)

Estimates of the population by race for April 1, 1980 (shown in tables 19 and 22) are modified counts and are not comparable to the 1980 census race categories. These estimates were computed using 1980 census data by race which had been modified to be consistent with the race categories used in the reporting of vital statistics by the U.S. National Center for Health Statistics. A detailed explanation of the race modification procedure appears in *Current Population Reports,* series P- 25, No. 917.

In the Current Population Survey (CPS) and other household sample surveys in which data are obtained through personal interview, respondents are asked to classify their race as: (1) White, (2) Black, (3) American Indian, Aleut, or Eskimo, or (4) Asian or Pacific Islander. The procedures for classifying persons of mixed races who could not provide a single response to the race question are generally similar to those used in the 1980 census. For comments on comparability of 1980 CPS and census data, see section above on Current Population Survey.

Hispanic population.—In the 1980 census, the Bureau of the Census collected data on the Hispanic origin population in the United States by using a self-identification question. Persons of Spanish/Hispanic origin or descent are those who classified themselves in one of the specific Hispanic

origin categories listed on the questionnaire—Mexican, Puerto Rican, Cuban, or Other Spanish/Hispanic origin. The 1980 figures on Hispanic origin are not directly comparable with 1970 census data on Hispanic origin because of factors such as overall improvements in the 1980 census and improved question design. Also, it should be noted that Hispanic persons may be of any race.

In the Current Population Survey (CPS), information on Hispanic persons was gathered by using a self-identification question. Persons classified themselves in one of the Hispanic categories in response to the question: "What is the origin or descent of each person in this household?" Hispanic persons in the CPS were persons who reported themselves as Mexican-American, Chicano, Mexican, Puerto Rican, Cuban, Central or South American (Spanish countries), or other Hispanic origin.

Nativity.—The native population consists of all persons born in the U.S., Puerto Rico, or an outlying area of the U.S. It also includes persons born at sea or in a foreign country who have at least one American parent. All others are classified as "foreign born."

Mobility status.—The U.S. population is classified according to mobility status on the basis of a comparison between the place of residence of each individual at the time of the survey or census and the place of residence at a specified earlier date. Nonmovers are all persons who were living in the same house or apartment at the end of the period as at the beginning of the period. Movers are all persons who were living in a different house at the end of the period from that in which they were living at the beginning of the period. Movers from abroad include all persons, either citizens or aliens, whose place of residence was outside the U.S. at the beginning of the period; that is, in Puerto Rico, an outlying area under the jurisdiction of the U.S., or a foreign country.

Living arrangements.—Living arrangements refer to residency in households or in group quarters. A "household" comprises all persons who occupy a "housing unit," that is, a house, an apartment or other group of rooms, or a single room that constitutes "separate living quarters." A household includes the related family members and all the unrelated persons, if any, such as lodgers, foster children, wards, or employees who share the housing unit. A person living alone or a group of unrelated persons sharing the same housing unit is also counted as a household. See text, section 26, Construction and Housing, for definition of "housing unit."

All persons not living in households are classified as living in group quarters. These individuals may be institutionalized, e.g., under care or custody in juvenile facilities, jails, correctional centers, hospitals, or rest homes; or they may be residents in college dormitories, military barracks, rooming houses, etc. (see table 74).

Householder.—Since 1980, the terms "householder" and "family householder" have been used in the presentation of data that had previously been presented with the designations "head of household" and "head of family". The householder is the first adult household member listed on the questionnaire. The instructions call for listing first the person (or one of the persons) in whose name the home is owned or rented. If a home is owned or rented jointly by a married couple, either the husband or the wife may be listed first. Prior to 1980, the husband was always considered the household head (householder) in married-couple households.

Family.—The term "family" refers to a group of two or more persons related by birth, marriage, or adoption and residing together in a household. A family includes among its members the householder.

Subfamily.—Subfamilies are divided into "related" and "unrelated" subfamilies. A related subfamily consists of a married couple and their children, if any, or one parent with one or more never married children under 18 years old living in a household and related to, but not including, the householder. Members of a related subfamily are also members of the family with whom they live. The number of related subfamilies, therefore, is not included in the number of families. An unrelated subfamily comprises two or more persons such as guests, lodgers, or resident employees who are related to each other but not to the householder.

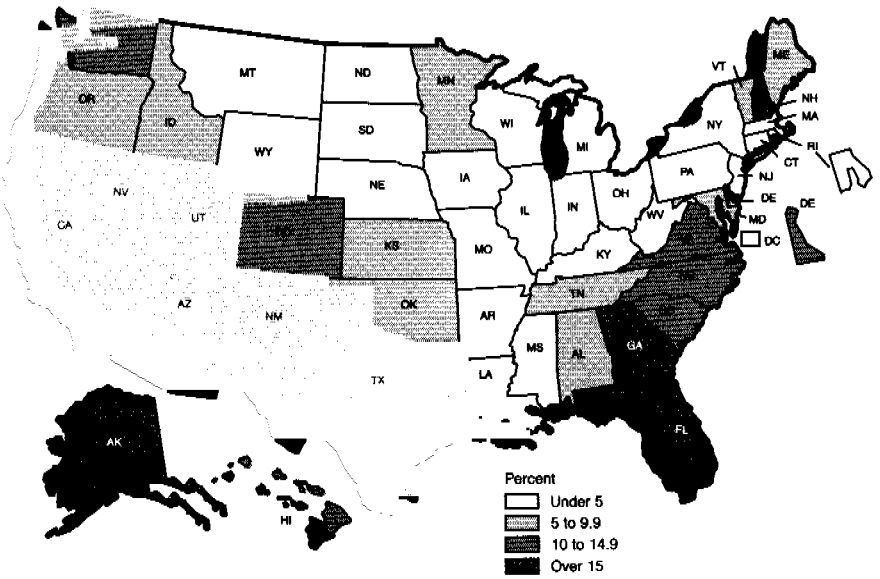
Married couple.—A "married couple" is defined as a husband and wife living together in the same household, with or without children and other relatives.

Unrelated individuals.—"Unrelated individuals" are persons (other than inmates of institutions) who are not living with any relatives. An unrelated individual may be a nonfamily householder who lives alone or with nonrelatives only, or a secondary individual such as a guest, lodger, or resident employee who is not related to any other persons in the household. Persons in group quarters, except inmates of institutions, are classified as secondary individuals.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable to Census Bureau data, see Appendix III.

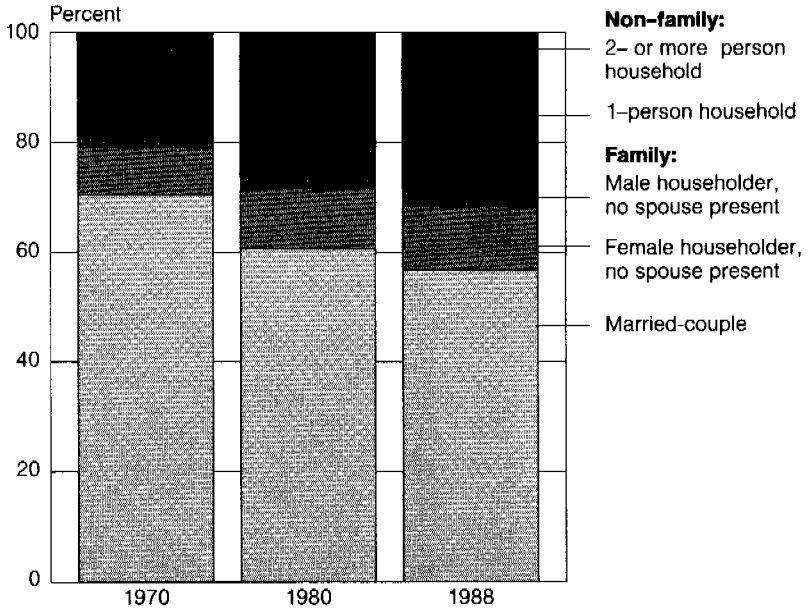
Historical statistics.—Tabular headnotes provide cross- references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix IV.

Figure 1.1
Percent Change in State Population: 1980 to 1988



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 26.

Figure 1.2
Distribution of Households, by Type: 1970 to 1988



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 55.

No. 1. Population and Area: 1790 to 1980

[Area figures represent area on indicated date including in some cases considerable areas not then organized or settled, and not covered by the census. Total area figures for 1790–1970 have been recalculated on the basis of the remeasurement of States and counties for the 1980 census. The land and water area figures for past censuses have not been adjusted and are not strictly comparable with the total area data for comparable dates because the land areas were derived from different base data, and these values are known to have changed with the construction of reservoirs, draining of lakes, etc. Density figures are based on land area measurements as reported in earlier censuses. For additional area data, see table 338]

Census date	Resident population				Area (square miles)		
	Number	Per square mile of land area	Increase over preceding census		Gross	Land	Water
			Number	Percent			
Conterminous U.S. [1]							
1790 (Aug. 2)	3,929,214	4.5	(x)	(x)	891,364	864,746	24,065
1800 (Aug. 4)	5,308,483	6.1	1,379,269	35.1	891,364	864,746	24,065
1810 (Aug. 6)	7,239,881	4.3	1,931,398	36.4	1,722,685	1,681,828	34,175
1820 (Aug. 7)	9,638,453	5.5	2,398,572	33.1	1,792,552	1,749,462	38,544
1830 (June 1)	12,866,020	7.4	3,227,567	33.5	1,792,552	1,749,462	38,544
1840 (June 1)	17,069,453	9.8	4,203,433	32.7	1,792,552	1,749,462	38,544
1850 (June 1)	23,191,876	7.9	6,122,423	35.9	2,991,655	2,940,042	52,705
1860 (June 1)	31,443,321	10.6	8,251,445	35.6	3,021,295	2,969,640	52,747
1870 (June 1)	[2] 39,818,449	[2] 13.4	8,375,128	26.6	3,021,295	2,969,640	52,747
1880 (June 1)	50,155,783	16.9	10,337,334	26.0	3,021,295	2,969,640	52,747
1890 (June 1)	62,947,714	21.2	12,791,931	25.5	3,021,295	2,969,640	52,747
1900 (June 1)	75,994,575	25.6	13,046,861	20.7	3,021,295	2,969,834	52,553
1910 (Apr. 15)	91,972,266	31.0	15,977,691	21.0	3,021,295	2,969,565	52,822
1920 (Jan. 1)	105,710,620	35.6	13,738,354	14.9	3,021,295	2,969,451	52,936
1930 (Apr. 1)	122,775,046	41.2	17,064,426	16.1	3,021,295	2,977,128	45,259
1940 (Apr. 1)	131,669,275	44.2	8,894,229	7.2	3,021,295	2,977,128	45,259
1950 (Apr. 1)	150,697,361	50.7	19,028,086	14.5	3,021,295	2,974,726	47,661
1960 (Apr. 1)	178,464,236	60.1	27,766,875	18.4	3,021,295	2,968,054	54,207
United States							
1950 (Apr. 1)	151,325,798	42.6	19,161,229	14.5	3,618,770	3,552,206	63,005
1960 (Apr. 1)	179,323,175	50.6	27,997,377	18.5	3,618,770	3,540,911	74,212
1970 (Apr. 1)	[3] 203,302,031	[3] 57.4	23,978,856	13.4	3,618,770	[3] 3,540,023	[3] 78,444
1980 (Apr. 1)	226,545,805	64.0	23,243,774	11.4	3,618,770	3,539,289	79,481

X Not applicable. [1] Excludes Alaska and Hawaii. [2] Revised to include adjustments for underenumeration in southern States; unrevised number is 38,558,371 (13.0 per square mile). [3] Figures corrected after 1970 final reports were issued.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1920* to *1980*, vol. I; and other reports and unpublished data. See also *Areas of the United States, 1940*, and *Area Measurement Reports, 1960*, series GE–20, No. 1.

No. 2. Population: 1900 to 1989

[**In thousands, except percent.** Estimates as of **July 1.** Prior to 1940, excludes Alaska and Hawaii. Total population includes Armed Forces abroad; civilian population excludes Armed Forces. For basis of estimates, see text, section 1. See also *Historical Statistics, Colonial Times to 1970*, series A 6–8]

Year	Resident population	Year	Total		Resident population	Civilian population	Year	Total		Resident population	Civilian population
			Population	Percent change				Population	Percent change		
1900	76,094	1950	152,271	1.7	151,868	150,790	1970	205,052	1.2	203,984	201,895
1905	83,822	1951	154,878	1.7	153,982	151,599	1971	207,661	1.3	206,827	204,866
1910	92,407	1952	157,553	1.7	156,393	153,892	1972	209,896	1.1	209,284	207,511
1915	100,546	1953	160,184	1.7	158,956	156,595	1973	211,909	1.0	211,357	209,600
1920	106,461	1954	163,026	1.8	161,884	159,695	1974	213,854	.9	213,342	211,636
1925	115,829	1955	165,931	1.8	165,069	162,967	1975	215,973	1.0	215,465	213,788
1930	123,077	1956	168,903	1.8	168,088	166,055	1976	218,035	1.0	217,563	215,894
1935	127,250	1957	171,984	1.8	171,187	169,110	1977	220,239	1.0	219,760	218,106
1940	132,457	1958	174,882	1.7	174,149	172,226	1978	222,585	1.1	222,095	220,467
1941	133,669	1959	177,830	1.7	177,135	175,277	1979	225,055	1.1	224,567	222,969
1942	134,617	1960	180,671	1.6	179,979	178,140	1980	227,757	1.2	227,255	225,651
1943	135,107	1961	183,691	1.7	182,992	181,143	1981	230,138	1.0	229,637	227,989
1944	133,915	1962	186,538	1.5	185,771	183,677	1982	232,520	1.0	231,996	230,327
1945	133,434	1963	189,242	1.4	188,483	186,493	1983	234,799	1.0	234,284	232,589
1946	140,686	1964	191,889	1.4	191,141	189,141	1984	237,001	1.0	236,477	234,762
1947	144,083	1965	194,303	1.3	193,526	191,605	1985	239,279	1.0	238,736	237,031
1948	146,730	1966	196,560	1.2	195,576	193,420	1986	241,625	1.0	241,107	239,386
1949	149,304	1967	198,712	1.1	197,457	195,264	1987	243,934	1.0	243,419	241,680
		1968	200,706	1.0	199,399	197,113	1988	246,329	1.0	245,807	244,125
		1969	202,677	1.0	201,385	199,145	1989	248,777	1.0	248,255	246,567

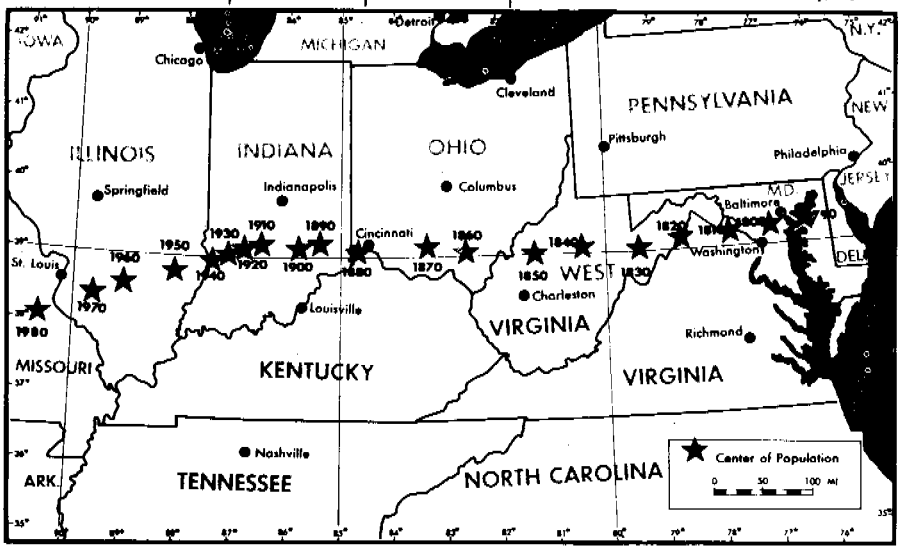
Source: U.S. Bureau of the Census, *Current Population Reports*, series P–25, Nos. 802, 1023, and 1046.

256-977 O—90——2

No. 3. Center of Population: 1790 to 1980

["Center of population" is that point at which an imaginary flat, weightless, and rigid map of the United States would balance if weights of identical value were placed on it so that each weight represented the location of one person on the date of the census]

YEAR	North latitude			West longitude			Approximate location
	°	'	"	°	'	"	
1790 (Aug. 2)	39	16	30	76	11	12	23 miles east of Baltimore, MD
1850 (June 1)	38	59	0	81	19	0	23 miles southeast of Pakersburg, WV
1900 (June 1)	39	9	36	85	48	54	6 miles southeast of Columbus, IN
1950 (Apr. 1)	38	50	21	88	9	33	8 miles north-northwest of Olney, Richland County, IL
1960 (Apr. 1)	38	35	58	89	12	35	In Clinton Co. about 6½ miles northwest of Centralia, IL
1970 (Apr. 1)	38	27	47	89	42	22	5.3 miles east-southeast of the Mascoutah City Hall in St Clair County, IL
1980 (Apr. 1)	38	8	13	90	34	26	1/4 mile west of De Soto in Jefferson County, MO



(See table 337)
Source: U.S. Bureau of the Census, 1980 Census of Population, Vol. 1.

No. 4. U.S. Population Abroad, by Selected Area: 1988

[In thousands. As of May 1. Data compiled as part of noncombatant personnel evacuation requirements report]

AREA	Total [1]	Resident U.S. citizen	U.S. tourists	AREA	Total [1]	Resident U.S. citizen	U.S. tourists
Total [2]	**4,006.7**	**2,174.6**	**1,041.4**	Jerusalem	41.9	30.4	11.2
Australia	92.7	68.7	21.0	Mexico	601.8	396.0	203.1
Belgium	19.8	13.9	4.0	Netherlands	48.8	34.5	4.3
Brazil	52.7	40.4	11.2	Panama	40.3	11.3	.4
Canada	447.3	235.1	209.9	Philippines	273.4	156.3	3.9
Colombia	21.4	19.9	1.2	Portugal	25.0	15.7	6.4
Costa Rica	26.0	17.1	7.4	Saudi Arabia	25.9	21.6	.3
Dominican Republic	77.5	63.2	13.0				
				South Africa	26.5	9.4	16.5
France	132.2	43.5	86.2	South Korea	68.4	10.0	26.6
Greece	69.6	54.4	9.8	Spain	110.4	60.1	30.3
Hong Kong	22.2	14.5	6.6	Switzerland	32.3	24.1	7.5
Ireland	34.1	30.0	4.0	United Kingdom	284.8	158.8	80.1
Israel	121.8	60.9	60.0	Venezuela	22.3	20.6	1.3
Italy	174.0	86.4	58.2	West Germany	491.1	134.1	21.2
Japan	121.0	41.7	9.6				

[1] Includes Dept. of Defense noncombatant employees, other U.S. government employees, and dependents of U.S. military and civilian employees, not shown separately. [2] Includes other countries not shown separately.

Source: U.S. Dept. of State, unpublished data.

No. 5. Immigration: 1820 to 1988

[**In thousands, except rate. For fiscal years ending in year shown, except as noted;** see text, section 9. For definition of immigrants, see text, section 1. For 1820–1867, alien passengers arriving; 1868–1891 and 1895–1897, immigrants arriving; 1892–1894 and 1898 to the present, immigrants admitted. Rates based on Bureau of the Census estimates as of July 1 for resident population through 1929, and for total population thereafter (excluding Alaska and Hawaii prior to 1959). See also *Historical Statistics, Colonial Times to 1970*, series C 89]

PERIOD	TOTAL		PERIOD OR YEAR	TOTAL		YEAR	TOTAL	
	Number	Rate [1]		Number	Rate [1]		Number	Rate [1]
1820–1988	**54,367**	**3.3**	1931–1940	528	.4	1976	399	1.9
			1941–1950	1,035	.7	1977	462	2.1
1820–1830 [2]	152	1.2	1951–1960	2,515	1.5	1978	601	2.8
1831–1840 [3]	599	3.9	1961–1970	3,322	1.7	1979	460	2.1
1841–1850 [4]	1,713	8.4	1971–1980	4,493	2.1	1980	531	2.3
1851–1860 [4]	2,598	9.3	1981–1988	4,711	2.5	1981	597	2.6
1861–1870 [5]	2,315	6.4				1982	594	2.6
1871–1880	2,812	6.2	1970	373	1.8	1983	560	2.4
1881–1890	5,247	9.2	1971	370	1.8	1984	544	2.3
1891–1900	3,688	5.3	1972	385	1.8	1985	570	2.4
1901–1910	8,795	10.4	1973	400	1.9	1986	602	2.5
1911–1920	5,736	5.7	1974	395	1.9	1987	602	2.5
1921–1930	4,107	3.5	1975	386	1.8	1988	643	2.6

[1] Annual rate per 1,000 U.S. population. Rate computed by dividing sum of annual immigration totals by sum of annual U.S. population totals for same number of years. [2] Oct. 1, 1819–Sept. 30, 1830. [3] Oct. 1, 1830–Dec. 31, 1840. [4] Calendar years. [5] Jan. 1, 1861–June 30, 1870.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook*, annual; and releases.

No. 6. Immigrants Admitted, by Class of Admission: 1980 to 1988

[**For fiscal year ending September 30.** For definition of immigrants, see text, section 1. See also *Historical Statistics, Colonial Times to 1970*, series C 143–157]

CLASS OF ADMISSION	1980	1983	1984	1985	1986	1987	1988
Immigrants, total	**530,639**	**559,763**	**543,903**	**570,009**	**601,708**	**601,516**	**643,025**
Numerically limited	289,479	269,213	262,016	264,208	266,968	271,135	264,148
New arrivals	239,590	221,587	224,750	226,505	228,522	239,941	234,586
Adjustments	49,889	47,626	37,266	37,703	38,446	31,194	29,562
Exempt from numerical limitation	241,160	290,550	281,887	305,801	334,740	330,381	378,877
New arrivals	99,765	115,212	119,879	129,860	147,588	147,054	143,299
Adjustments	141,395	175,338	162,008	175,941	187,152	183,327	235,578
Numerically limited, total	289,479	269,213	262,016	264,208	266,968	271,135	264,148
Unmarried sons/daughters of U.S. citizens and their children (1st preference)	5,668	6,892	7,569	9,319	10,910	11,382	12,107
Spouses, unmarried sons/daughters of alien residents, and their children (2d preference)	110,269	116,623	112,309	114,997	110,926	110,758	102,777
Professional or highly skilled immigrants (3d preference) [1]	18,583	27,250	24,852	24,905	26,823	26,921	26,680
Married sons/daughters of U.S. citizens (4th preference) [1]	10,752	20,948	14,681	18,460	20,702	20,703	21,940
Brothers or sisters of U.S. citizens (5th preference) [1]	90,167	69,025	77,765	70,481	70,401	68,966	63,948
Needed skilled or unskilled workers (6th preference) [1]	25,786	28,218	24,669	25,990	26,802	26,952	26,927
Conditional entries by refugees [2]	12,222	(x)	(x)	(x)	(x)	(x)	(x)
Nonpreference [3]	–	–	–	7	–	3,040	6,029
Recaptured Cuban numbers	15,913	49	(x)	(x)	(x)	(x)	(x)
Other	119	208	171	49	404	2,413	3,740
Exempt from numerical limitations	241,160	290,550	281,887	305,801	334,740	330,381	378,877
Immediate relatives	157,743	177,792	183,247	204,368	223,468	218,575	219,340
Spouses of U.S. citizens	96,854	112,666	116,596	129,790	137,597	132,452	130,977
Children of U.S. citizens	27,207	30,429	32,080	35,592	40,639	40,940	40,863
Orphans	5,139	7,127	8,327	9,286	9,945	10,097	9,120
Parents of U.S. citizens	33,682	34,697	34,571	38,986	45,232	45,183	47,500
Refugee and asylee adjustments	75,835	102,685	92,127	95,040	104,383	96,474	110,721
Cuban Refugee Act, Nov. 1966	6,021	3,274	3,460	14,288	30,152	27,151	10,993
Indochinese Refugee Act, Oct. 1977	22,497	3,122	875	166	136	83	42
Refugee-Parolee Act, Oct. 1978	46,058	13,409	7,657	3,766	1,720	866	437
Asylees, Refugee Act of 1980	1,250	2,914	5,607	5,000	5,000	5,000	5,445
Refugees, Refugee Act of 1980	(x)	79,965	74,528	71,820	67,375	59,022	64,801
Cuban/Haitian entrants, Act of Nov. 1986	(x)	(x)	(x)	(x)	(x)	4,352	29,002
Other refugees	9	1	–	–	–	–	1
Special immigrants	3,142	3,175	2,338	2,551	2,992	3,646	5,120
Ministers of religion [1]	1,529	1,734	1,540	1,853	2,060	2,041	2,207
Employees of U.S. Government abroad [1]	1,354	529	535	479	773	1,112	2,047
Foreign medical graduates, Act of Dec. 1981 [1]	(x)	790	174	87	48	28	7
Other special immigrants [1]	259	122	89	132	111	465	859
Aliens adjusted [4]	254	144	132	105	95	8,200	40,067
Children born abroad to resident aliens or subsequent to issuance of visa	4,059	3,501	3,759	3,508	3,554	3,269	3,082
Others not subject to numerical limitation	127	3,253	284	229	248	217	547

– Represents zero. X Not applicable. [1] Includes spouses and children. [2] In 1980, conditional entries were a 7th preference class. [3] No nonpreference visas issued since 1978. 1985, 1987, and 1988 data represent prior contested cases. [4] Under sections 244 and 249, Immigration and Naturalization Act.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook*, annual.

No. 7. Immigrants, by Country of Birth: 1961 to 1988

[In thousands. For fiscal years ending in year shown; see text, section 9. For definition of immigrants, see text, section 1]

Country of birth	1961–1970, total	1971–1980, total	1981–1987, total	1988
All countries	**3,321.7**	**4,493.3**	**4,067.6**	**643.0**
Europe [1]	**1,238.6**	**801.3**	**445.5**	**64.8**
Czechoslovakia	21.4	10.2	7.6	1.5
France	34.3	17.8	15.2	2.5
Germany	200.0	66.0	49.0	6.8
Greece	90.2	93.7	21.4	2.5
Hungary	17.3	11.6	5.7	1.2
Ireland	42.4	14.1	10.5	5.1
Italy	206.7	130.1	23.7	2.9
Netherlands	27.8	10.7	8.2	1.2
Poland	73.3	43.6	52.2	9.5
Portugal	79.3	104.5	29.0	3.2
Romania	14.9	17.5	25.9	3.9
Soviet Union [2]	15.7	43.2	44.5	2.9
Spain	30.5	30.0	10.8	1.5
Sweden	16.7	6.3	6.8	1.2
Switzerland	16.3	6.6	4.7	.8
United Kingdom	230.5	123.5	98.9	13.2
Yugoslavia	46.2	42.1	11.9	1.9
Asia [1]	**445.3**	**1,633.8**	**1,902.2**	**264.5**
Cambodia	1.2	8.4	95.7	9.6
China: Mainland	96.7	202.5	257.1	28.7
Taiwan				9.7
Hong Kong	25.6	47.5	35.3	8.5
India	31.2	176.8	173.7	26.3
Iran	10.4	46.2	93.4	15.2
Iraq	6.4	23.4	15.3	1.0
Israel	12.9	26.6	23.8	3.6
Japan	38.5	47.9	28.2	4.5
Jordan	14.0	29.6	21.1	3.2
Korea	35.8	272.0	237.6	34.7
Laos	.1	22.6	112.1	10.7
Lebanon	7.5	33.8	25.4	4.9
Pakistan	4.9	31.2	38.2	5.4
Philippines	101.5	360.2	323.8	50.7
Asia—Con.				
Syria	4.6	13.3	12.7	2.2
Thailand	5.0	44.1	39.3	6.9
Turkey	6.8	18.6	14.7	1.6
Vietnam	4.6	179.7	289.1	25.8
North America [1]	**1,351.1**	**1,645.0**	**1,310.0**	**250.0**
Canada	286.7	114.8	78.5	11.8
Mexico	443.3	637.2	474.0	95.0
Caribbean [1]	519.5	759.8	576.1	112.4
Barbados	9.4	20.9	12.7	1.5
Cuba	256.8	276.8	121.0	17.6
Dominican Republic	94.1	148.0	155.7	27.2
Haiti	37.5	58.7	71.4	34.8
Jamaica	71.0	142.0	143.3	21.0
Trinidad and Tobago	24.6	61.8	23.5	3.9
Central America [1]	97.7	132.4	180.8	30.7
Costa Rica	17.4	12.1	9.3	1.4
El Salvador	15.0	34.4	64.5	12.0
Guatemala	15.4	25.6	30.9	5.7
Honduras	15.5	17.2	25.6	4.3
Nicaragua	10.1	13.0	20.4	3.3
Panama	18.4	22.7	19.6	2.5
South America [1]	**228.3**	**284.4**	**270.2**	**41.0**
Argentina	42.1	25.1	14.6	2.4
Brazil	20.5	13.7	13.6	2.7
Chile	11.5	17.6	14.2	2.1
Colombia	70.3	77.6	74.7	10.3
Ecuador	37.0	50.2	31.3	4.7
Guyana	7.1	47.5	64.5	8.7
Peru	18.6	29.1	32.5	5.9
Venezuela	8.5	7.1	10.9	1.8
Africa [1]	**39.3**	**91.5**	**112.3**	**18.9**
Egypt	17.2	25.5	20.6	3.0
Nigeria	1.5	8.8	18.0	3.3
Australia	**9.9**	**14.3**	**9.2**	**1.4**
Other countries [3]	**29.9**	**23.0**	**18.2**	**2.5**

[1] Includes countries not shown separately. [2] Europe and Asia. [3] Includes New Zealand.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook*, annual; and releases.

No. 8. Immigrants Admitted by Selected Country of Birth and Metropolitan Area of Intended Residence: 1988

[For year ending September 30. Includes Puerto Rico. Includes new arrivals and persons adjusting their status. MSA-metropolitan statistical area and PMSA-primary metropolitan statistical area as defined by U.S. Office of Management and Budget, June 30, 1985. See text, section 1, and Appendix III]

Metropolitan area of intended residence	Total [1]	Mexico	Philippines	Haiti	Korea	China: Mainland	Dominican Republic	India	Vietnam	Jamaica
Total [2]	**643,025**	**95,039**	**50,697**	**34,806**	**34,703**	**28,717**	**27,189**	**26,268**	**25,789**	**20,966**
New York, NY PMSA	93,106	455	2,301	6,075	2,861	7,101	16,341	2,761	830	9,351
Los Angeles-Long Beach, CA PMSA	88,211	31,914	8,079	62	5,532	3,803	26	1,270	3,494	310
Miami-Hialeah, FL PMSA	38,259	243	269	13,367	86	199	689	137	44	1,857
Chicago, IL PMSA	21,183	4,809	2,212	193	1,173	708	49	2,123	321	328
Washington, DC-MD-VA MSA	18,032	111	890	252	1,906	747	140	1,028	925	667
San Francisco, CA PMSA	16,100	760	3,346	36	395	3,457	4	240	724	16
Anaheim-Santa Ana, CA PMSA	14,078	3,044	919	2	1,228	561	5	533	2,387	14
San Diego, CA MSA	13,351	4,339	3,568	4	242	258	2	79	812	9
San Jose, CA PMSA	12,146	1,311	2,111	3	473	955	1	660	1,888	6
Boston, MA PMSA	11,990	42	179	1,337	249	769	570	339	889	438
Houston, TX PMSA	11,131	3,158	621	57	356	390	21	763	777	110
Oakland, CA PMSA	11,001	958	2,275	8	488	1,152	5	518	632	19
Newark, NJ PMSA	10,041	29	467	1,337	281	262	316	687	70	679
Philadelphia, PA-NJ PMSA	8,975	45	498	113	1,161	400	71	897	677	477
Nassau-Suffolk, NY PMSA	8,374	32	292	354	452	332	746	736	89	624
Bergen-Passaic, NJ PMSA	8,219	50	430	36	609	181	1,101	629	27	500
Dallas, TX PMSA	7,115	2,202	241	–	404	246	5	402	494	36
West Palm Beach-Boca Raton-Delray Beach, FL MSA	6,637	97	40	3,570	18	39	38	63	42	423
Riverside-San Bernardino, CA PMSA	5,960	2,496	513	5	272	110	5	160	256	22
Seattle, WA PMSA	5,937	121	933	6	670	450	–	165	623	9
Jersey City, NJ PMSA	5,871	25	510	98	103	59	723	570	77	36
Detroit, MI PMSA	5,870	127	380	15	403	210	4	488	46	77
Honolulu, HI MSA	5,439	14	2,544	–	856	491	1	11	316	–

– Represents zero. [1] Includes other countries, not shown separately. [2] Includes other metropolitan areas, not shown separately.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook*, annual.

No. 9. Immigrants Admitted, by Selected States of Residence and Country of Birth: 1988

[**For year ending September 30.** For definition of immigrants, see text, section 1]

COUNTRY OF BIRTH	Total [1]	California	New York	Florida	Texas	New Jersey	Illinois	Massachusetts	Virginia	Pennsylvania	Maryland
Total	**643,025**	**168,696**	**109,259**	**65,418**	**43,271**	**32,724**	**27,726**	**18,594**	**11,908**	**11,837**	**11,502**
Europe [2]	64,797	10,965	12,108	4,058	2,074	5,107	4,868	4,042	1,274	2,324	1,051
Germany	6,755	1,061	517	497	431	223	239	154	243	238	173
Poland	9,507	865	1,878	266	170	1,007	2,335	419	50	372	95
United Kingdom	13,228	2,684	1,710	1,290	651	752	412	647	381	495	234
Asia [2]	264,465	98,123	31,475	5,991	12,393	11,488	12,952	7,645	7,281	6,832	6,076
Cambodia	9,629	3,289	406	168	363	42	231	1,486	310	626	118
China:											
Mainland	28,717	11,273	7,722	471	916	894	901	869	291	512	629
Taiwan	9,670	4,300	1,084	168	684	511	279	150	162	189	238
India	26,268	4,576	4,059	714	1,704	3,155	3,054	556	642	1,117	867
Iran	15,246	8,160	1,167	368	749	328	321	304	524	180	565
Korea	34,703	9,748	3,912	546	1,324	1,506	1,850	451	1,576	1,512	1,570
Laos	10,667	3,649	305	165	623	35	252	234	205	146	65
Pakistan	5,438	1,009	1,069	267	486	432	599	90	196	110	203
Philippines	50,697	25,012	2,864	1,157	1,531	2,058	2,905	295	1,197	560	675
Thailand	6,888	2,754	415	198	327	80	204	453	164	181	157
Vietnam	25,789	11,096	1,183	591	1,919	373	477	1,372	939	862	257
North America [2]	250,009	70,199	47,650	49,115	25,704	9,338	8,195	4,768	1,617	1,480	2,351
Canada	11,783	2,243	1,029	1,465	555	307	309	454	179	223	154
Mexico	95,039	53,622	557	751	22,739	167	5,904	58	77	95	71
Caribbean [2]	112,357	1,581	41,254	43,701	758	7,453	898	3,754	391	959	1,369
Cuba	17,558	645	1,096	13,444	193	947	200	100	22	110	62
Dominican Republic	27,189	55	17,570	878	45	2,702	57	1,252	38	75	57
Haiti	34,806	128	6,558	23,457	107	1,682	205	1,417	80	129	216
Jamaica	20,966	456	10,471	3,976	221	1,561	363	563	176	467	678
Central America [2]	30,715	12,731	4,803	3,185	1,641	1,407	1,081	497	969	201	752
El Salvador	12,045	6,829	1,367	320	770	550	151	100	647	27	465
Guatemala	5,723	2,726	704	294	200	254	513	175	128	42	102
Honduras	4,302	569	1,200	860	258	296	142	118	43	35	60
South America [2]	41,007	4,479	15,220	5,536	1,176	5,331	878	880	944	507	1,084
Colombia	10,322	771	3,021	2,193	332	1,702	231	267	118	151	159
Guyana	8,747	166	6,420	296	90	804	49	68	43	46	265
Peru	5,936	1,206	1,277	824	198	1,035	129	93	250	65	178
Africa	18,882	3,116	2,614	616	1,783	1,382	764	1,182	733	648	906
Other	3,865	1,814	192	102	141	78	69	77	59	46	34

[1] Includes other States and Puerto Rico, not shown separately. [2] Includes other countries, not shown separately.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook,* annual.

No. 10. Immigrants Admitted as Permanent Residents Under Refugee Acts, by Country of Birth: 1961 to 1988

[**For fiscal years ending in year shown;** see text, section 9. Covers immigrants who were allowed to enter U.S. under 1953 Refugee Relief Act and later acts; Hungarian parolees under July 1958 Act; refugee-escapee parolees under July 1960 Act; conditional entries by refugees under Oct. 1965 Act; Cuban parolees under Nov. 1966 Act; beginning 1978, Indochina refugees under Act of Oct. 1977; beginning 1980, refugee-parolees under the Act of Oct. 1978, and asylees under the Act of March 1980; beginning 1981, refugees under the Act of March 1980; and beginning 1987, Cuban/Haitian entrants under the Act of Nov. 1986]

COUNTRY OF BIRTH	1961–1970, total	1971–1980, total	1981–1987, total	1988
Total	**212,843**	**539,447**	**754,883**	**110,721**
Europe	**55,235**	**71,858**	**92,636**	**11,432**
Austria	233	185	275	39
Bulgaria	1,799	1,238	764	129
Czechoslovakia	5,709	3,646	5,517	1,164
Germany	665	143	467	122
Greece	586	478	854	54
Hungary	4,044	4,358	2,748	738
Italy	1,198	346	238	26
Netherlands	3,134	8	8	2
Poland	3,197	5,882	21,902	4,243
Portugal	1,361	21	18	1
Romania	7,158	6,812	20,246	3,028
Soviet Union	871	31,309	38,214	1,642
Spain	4,114	5,317	540	87
Yugoslavia	18,299	11,297	252	26
Other Europe	2,867	818	593	131
Asia	**19,895**	**210,683**	**547,470**	**56,010**
Afghanistan	–	542	15,599	2,597
Cambodia	–	7,739	94,442	9,255
China: Mainland } Taiwan	5,308	13,760	6,494	600
Hong Kong	2,128	3,468	1,673	147
Indonesia	7,658	222	1,199	81
Asia—Con.				
Iran	58	364	23,062	6,895
Iraq	119	6,851	6,940	268
Japan	554	56	103	2
Korea	1,316	65	107	7
Laos	–	21,690	110,759	10,349
Syria	383	1,336	1,412	67
Thailand	13	1,241	18,248	3,587
Turkey	1,489	1,193	1,412	33
Vietnam	7	150,266	260,626	21,407
Other Asia	862	1,890	5,394	715
North America	**132,068**	**252,633**	**97,904**	**40,886**
Cuba	131,557	251,514	89,743	13,612
El Salvador	1	45	770	170
Nicaragua	3	36	2,176	647
Other N. America	507	1,038	5,215	26,457
South America	**123**	**1,244**	**1,282**	**265**
Chile	4	420	467	26
Other	119	824	815	239
Africa	**5,486**	**2,991**	**15,547**	**2,125**
Egypt	5,396	1,473	283	25
Ethiopia	2	1,307	13,353	1,723
Other	88	211	1,911	377
Other	**36**	**38**	**44**	**3**

– Represents zero.

Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook,* annual; and releases.

No. 11. Total Population, by Race: 1960 to 1988

[As of **July 1.** Includes Armed Forces overseas]

Year	Total (1,000)	White (1,000)	Black (1,000)	Other races (1,000)	Percent— White	Black	Other races
1960	180,671	160,023	19,006	1,642	88.6	10.6	.9
1970	205,052	179,644	22,801	2,607	87.6	11.1	1.3
1975	215,973	187,629	24,778	3,566	86.9	11.5	1.7
1980	227,757	195,571	26,903	5,283	85.9	11.8	2.3
1985	239,279	203,159	28,994	7,125	84.9	12.1	3.0
1988	246,329	207,748	30,326	8,256	84.3	12.3	3.4

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 519, 917 and forthcoming report.

No. 12. Total Population, by Sex, Race, and Age: 1988

[**In thousands**, except as indicated. As of **July 1.** Includes Armed Forces abroad. For derivation of estimates, see text, section 1]

Age	Total [1]	Male	Female	White	Black
Total	**246,329**	**120,203**	**126,126**	**207,748**	**30,326**
Under 5 years old	18,456	9,446	9,009	14,879	2,802
Under 1 year old	3,859	1,976	1,883	3,116	593
1 year old	3,668	1,880	1,788	2,960	561
2 years old	3,646	1,865	1,781	2,937	552
3 years old	3,678	1,881	1,797	2,967	550
4 years old	3,604	1,844	1,760	2,899	546
5-9 years old	18,028	9,226	8,802	14,503	2,783
5 years old	3,671	1,878	1,792	2,952	559
6 years old	3,660	1,872	1,788	2,950	558
7 years old	3,685	1,887	1,799	2,972	563
8 years old	3,516	1,800	1,716	2,826	551
9 years old	3,495	1,788	1,707	2,801	552
10-14 years old	16,627	8,525	8,102	13,346	2,613
10 years old	3,451	1,770	1,681	2,772	544
11 years old	3,389	1,738	1,651	2,720	537
12 years old	3,233	1,656	1,577	2,597	504
13 years old	3,306	1,695	1,611	2,657	515
14 years old	3,248	1,666	1,582	2,601	512
15-19 years old	18,248	9,322	8,926	14,765	2,797
15 years old	3,354	1,717	1,637	2,677	539
16 years old	3,541	1,812	1,729	2,841	562
17 years old	3,840	1,973	1,866	3,108	594
18 years old	3,718	1,895	1,824	3,042	542
19 years old	3,796	1,925	1,871	3,097	559
20-24 years old	19,374	9,773	9,600	15,941	2,748
20 years old	3,700	1,876	1,824	3,021	544
21 years old	3,700	1,869	1,830	3,036	532
22 years old	3,772	1,903	1,869	3,093	544
23 years old	3,990	2,003	1,988	3,295	557
24 years old	4,212	2,123	2,089	3,496	571
25-29 years old	22,008	11,064	10,943	18,382	2,862
25 years old	4,307	2,166	2,141	3,585	572
26 years old	4,354	2,189	2,164	3,637	569
27 years old	4,491	2,256	2,235	3,754	582
28 years old	4,261	2,140	2,121	3,564	547
29 years old	4,595	2,313	2,282	3,842	593
30-34 years old	21,878	10,973	10,905	18,378	2,698
30 years old	4,579	2,304	2,275	3,835	579
31 years old	4,466	2,242	2,226	3,750	553
32 years old	4,343	2,176	2,167	3,642	540
33 years old	4,228	2,116	2,113	3,555	512
34 years old	4,260	2,135	2,125	3,596	514
35-39 years old	19,194	9,530	9,664	16,294	2,197
35 years old	4,087	2,041	2,046	3,460	479
36 years old	3,919	1,950	1,969	3,329	446
37 years old	3,832	1,898	1,935	3,235	455
38 years old	3,604	1,784	1,821	3,073	398
39 years old	3,751	1,858	1,894	3,197	419
40-44 years old	16,149	7,939	8,210	13,962	1,628
40 years old	3,728	1,840	1,889	3,201	395
41 years old	3,844	1,899	1,945	3,370	354
42 years old	2,802	1,375	1,427	2,413	286
43 years old	2,868	1,403	1,465	2,468	296
44 years old	2,907	1,423	1,484	2,511	298
45-49 years old	13,033	6,365	6,668	11,245	1,363
45 years old	3,002	1,471	1,531	2,605	301
46 years old	2,707	1,319	1,388	2,335	285
47 years old	2,584	1,258	1,326	2,217	281
48 years old	2,336	1,143	1,193	2,019	241
49 years old	2,403	1,174	1,229	2,069	256
50-54 years old	11,138	5,394	5,744	9,602	1,194
50 years old	2,380	1,150	1,230	2,040	264
51 years old	2,208	1,072	1,136	1,904	233
52 years old	2,189	1,059	1,130	1,884	237
53 years old	2,207	1,074	1,133	1,917	226
54 years old	2,154	1,040	1,115	1,857	234
55-59 years old	10,897	5,195	5,701	9,495	1,115
55 years old	2,100	1,006	1,095	1,810	229
56 years old	2,136	1,021	1,114	1,857	221
57 years old	2,247	1,072	1,175	1,959	230
58 years old	2,192	1,047	1,145	1,919	217
59 years old	2,221	1,049	1,172	1,949	218
60-64 years old	10,934	5,096	5,837	9,657	1,024
60 years old	2,281	1,075	1,206	1,993	233
61 years old	2,211	1,034	1,177	1,950	210
62 years old	2,100	974	1,126	1,850	200
63 years old	2,162	1,006	1,156	1,923	191
64 years old	2,179	1,007	1,173	1,942	190
65-69 years old	9,993	4,544	5,449	8,889	895
65 years old	2,121	974	1,147	1,872	201
66 years old	2,113	970	1,143	1,887	183
67 years old	2,045	936	1,110	1,822	181
68 years old	1,895	858	1,037	1,697	159
69 years old	1,819	807	1,013	1,611	171
70-74 years old	7,904	3,400	4,504	7,104	652
70 years old	1,755	778	977	1,572	150
71 years old	1,656	721	935	1,492	132
72 years old	1,572	678	894	1,412	130
73 years old	1,479	624	854	1,333	118
74 years old	1,444	599	845	1,294	122
75-79 years old	5,903	2,322	3,581	5,318	476
75 years old	1,355	555	801	1,218	112
76 years old	1,271	508	763	1,143	104
77 years old	1,182	462	720	1,064	96
78 years old	1,092	418	673	985	87
79 years old	1,002	379	623	907	77
80-84 years old	3,619	1,262	2,357	3,311	250
80 years old	896	327	569	811	70
81 years old	792	280	512	729	50
82 years old	698	244	455	642	46
83 years old	648	220	428	596	43
84 years old	583	191	392	534	41
85 years old and over	2,948	825	2,124	2,679	229
5-13 years old	31,406	16,084	15,322	25,248	4,883
14-17 years old	13,983	7,169	6,813	11,227	2,208
18-24 years old	26,888	13,593	13,295	22,080	3,849
16 years old and over	189,865	91,289	98,576	162,344	21,588
65 years old and over	30,367	12,353	18,014	27,300	2,501
Median age (yr.)	32.3	31.2	33.5	33.2	27.5

[1] Includes other races, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, forthcoming report.

No. 13. Total Population, by Age and Sex: 1960 to 1988

[**In thousands, except as indicated.** As of **July 1.** Includes Armed Forces abroad. For derivation of estimates, see text, section 1. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series A23–25 and A29–41]

YEAR AND SEX	Total, all ages	Under 5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35–39 years	40–44 years	45–49 years	50–54 years	55–59 years	60–64 years	65–74 years	75 years and over	5–13 years	14–17 years	18–24 years	16 years and over	65 years and over	Median age (yr.)
Total:																						
1960	180,671	20,341	18,810	16,925	13,442	11,134	10,936	11,983	12,542	11,679	10,914	9,664	8,471	7,154	11,053	5,622	32,965	11,219	16,128	121,835	16,675	29.4
1970	205,052	17,166	19,919	20,853	19,333	17,202	13,736	11,587	11,155	11,995	12,151	11,166	10,006	8,676	12,493	7,614	36,672	15,924	24,712	143,070	20,107	27.9
1975	215,973	16,121	17,594	20,646	21,285	19,527	17,280	14,191	11,634	11,197	11,784	11,972	10,646	9,399	13,917	8,779	33,919	17,128	28,005	157,343	22,696	28.7
1980	227,757	16,458	16,609	18,236	21,159	21,584	19,804	17,822	14,124	11,744	11,054	11,700	11,616	10,145	15,653	10,051	31,095	16,142	30,350	172,456	25,704	30.0
1983	234,799	17,651	16,147	17,912	19,313	21,700	21,321	19,281	16,214	13,155	11,232	11,214	11,529	10,705	16,494	10,930	30,410	14,720	29,943	179,479	27,426	30.8
1984	237,001	17,830	16,464	17,511	18,823	21,536	21,660	19,769	16,984	13,635	11,469	11,033	11,444	10,872	16,740	11,231	30,238	14,704	29,391	181,515	27,971	31.1
1985	239,279	18,004	16,822	17,101	18,587	21,214	21,892	20,346	17,762	14,077	11,652	10,945	11,342	10,995	17,009	11,531	30,110	14,865	28,749	183,583	28,540	31.4
1986	241,625	18,154	17,295	16,565	18,648	20,608	22,132	20,847	18,775	14,370	11,933	10,891	11,273	10,962	17,335	11,840	30,351	14,797	27,967	185,766	29,174	31.7
1987	243,934	18,276	17,662	16,485	18,497	19,982	22,106	21,409	18,789	15,593	12,356	10,928	11,125	10,897	17,667	12,163	30,824	14,468	27,334	187,972	29,830	32.0
1988	246,329	18,456	18,028	16,627	18,248	19,374	22,008	21,878	19,194	16,149	13,033	11,138	10,897	10,934	17,897	12,470	31,406	13,983	26,888	189,865	30,367	32.3
Male:																						
1960	89,320	10,339	9,565	8,602	6,803	5,569	5,423	5,904	6,140	5,732	5,379	4,763	4,145	3,414	5,133	2,409	16,762	5,683	8,093	59,413	7,542	28.5
1970	100,354	8,751	10,152	10,622	9,816	8,655	6,821	5,716	5,475	5,847	5,873	5,380	4,781	4,052	5,461	2,953	18,687	8,108	12,451	68,767	8,413	26.6
1980	110,888	8,417	8,495	9,314	10,776	10,882	9,897	8,845	6,964	5,756	5,376	5,619	5,480	4,700	6,791	3,575	15,893	8,247	15,327	82,624	10,366	28.8
1985	116,648	9,212	8,609	8,762	9,478	10,707	11,005	10,166	8,793	6,910	5,684	5,284	5,383	5,118	7,475	4,062	15,415	7,611	14,529	88,136	11,537	30.3
1988	120,203	9,446	9,226	8,525	9,322	9,773	11,064	10,973	9,530	7,939	6,365	5,394	5,195	5,096	7,945	4,409	16,084	7,169	13,593	91,289	12,353	31.2
Female:																						
1960	91,352	10,002	9,245	8,323	6,640	5,566	5,512	6,079	6,403	5,946	5,535	4,901	4,326	3,741	5,921	3,212	16,203	5,536	8,034	62,422	9,133	30.3
1970	104,698	8,415	9,768	10,230	9,517	8,547	6,915	5,872	5,680	6,148	6,277	5,786	5,225	4,624	7,032	4,661	17,985	7,816	12,261	74,303	11,693	29.2
1980	116,869	8,040	8,114	8,923	10,382	10,702	9,906	8,977	7,160	5,988	5,677	6,080	6,136	5,446	8,862	6,476	15,203	7,895	15,022	89,833	15,338	31.3
1985	122,631	8,792	8,214	8,339	9,109	10,507	10,886	10,179	8,969	7,167	5,968	5,661	5,960	5,877	9,534	7,469	14,695	7,254	14,219	95,446	17,003	32.6
1988	126,126	9,009	8,802	8,102	8,926	9,600	10,943	10,905	9,664	8,210	6,668	5,744	5,701	5,837	9,953	8,061	15,322	6,813	13,295	98,576	18,014	33.5
PERCENT																						
Total:																						
1960	100.0	11.3	10.4	9.4	7.4	6.2	6.1	6.6	6.9	6.5	6.0	5.3	4.7	4.0	6.1	3.1	18.2	6.2	8.9	67.4	9.2	(x)
1970	100.0	8.4	9.7	10.2	9.4	8.4	6.7	5.7	5.4	5.8	5.9	5.4	4.9	4.2	6.1	3.7	17.9	7.8	12.1	69.8	9.8	(x)
1980	100.0	7.2	7.3	8.0	9.3	9.5	8.7	7.8	6.2	5.2	4.9	5.1	5.1	4.5	6.9	4.4	13.7	7.1	13.3	75.7	11.3	(x)
1985	100.0	7.5	7.0	7.1	7.8	8.9	9.1	8.5	7.4	5.9	4.9	4.6	4.7	4.6	7.1	4.8	12.6	6.2	12.0	76.7	11.9	(x)
1988	100.0	7.5	7.3	6.7	7.4	7.9	8.9	8.9	7.8	6.6	5.3	4.5	4.4	4.4	7.3	5.1	12.7	5.7	10.9	77.1	12.3	(x)
Male:																						
1960	100.0	11.6	10.7	9.6	7.6	6.2	6.1	6.6	6.9	6.4	6.0	5.3	4.6	3.8	5.7	2.7	18.8	6.4	9.1	66.5	8.4	(x)
1970	100.0	8.7	10.1	10.6	9.8	8.6	6.8	5.7	5.5	5.8	5.9	5.4	4.8	4.0	5.4	2.9	18.6	8.1	12.4	68.5	8.4	(x)
1980	100.0	7.6	7.7	8.4	9.7	9.8	8.9	8.0	6.3	5.2	4.8	5.1	4.9	4.2	6.1	3.2	14.3	7.4	13.8	74.5	9.3	(x)
1985	100.0	7.9	7.4	7.5	8.1	9.2	9.4	8.7	7.5	5.9	4.9	4.5	4.6	4.4	6.4	3.5	13.2	6.5	12.5	75.6	9.9	(x)
1988	100.0	7.9	7.7	7.1	7.8	8.1	9.2	9.1	7.9	6.6	5.3	4.5	4.3	4.2	6.6	3.7	13.4	6.0	11.3	75.9	10.3	(x)
Female:																						
1960	100.0	10.9	10.1	9.1	7.3	6.1	6.0	6.7	7.0	6.5	6.1	5.4	4.7	4.1	6.5	3.5	17.7	6.1	8.8	68.3	10.0	(x)
1970	100.0	8.0	9.3	9.8	9.1	8.2	6.6	5.6	5.4	5.9	6.0	5.5	5.0	4.4	6.7	4.5	17.2	7.5	11.7	71.0	11.2	(x)
1980	100.0	6.9	6.9	7.6	8.9	9.2	8.5	7.7	6.1	5.1	4.9	5.2	5.3	4.7	7.6	5.5	13.0	6.8	12.9	76.9	13.1	(x)
1985	100.0	7.2	6.7	6.8	7.4	8.6	8.9	8.3	7.3	5.8	4.9	4.6	4.9	4.8	7.8	6.1	12.0	5.9	11.6	77.8	13.9	(x)
1988	100.0	7.1	7.0	6.4	7.1	7.6	8.7	8.6	7.7	6.5	5.3	4.6	4.5	4.6	7.9	6.4	12.1	5.4	10.5	78.2	14.3	(x)

X Not applicable.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 519, 917, and forthcoming report.

No. 14. Estimated Components of Population Change, by Race: 1960 to 1988

Year or period	Total (Jan. 1–Dec. 31): Population at start of period (1,000)	Net increase[1]: Total (1,000)	Net increase[1]: Percent[2]	Natural increase: Births[3] (1,000)	Natural increase: Deaths (1,000)	Net civilian immigration (1,000)	Rate per 1,000 mid-period population: Net growth rate[1]	Natural increase: Total	Natural increase: Birth rate[3]	Natural increase: Death rate	Net civilian immigration rate
ALL RACES											
1960	179,386	2,901	1.62	4,307	1,708	327	16.1	14.4	23.8	9.5	1.8
1965	193,223	2,315	1.20	3,801	1,830	373	11.9	10.1	19.6	9.4	1.9
1970	203,849	2,617	1.28	3,739	1,927	438	12.8	8.8	18.2	9.4	2.1
1975	214,931	2,165	1.01	3,144	1,894	449	10.0	5.8	14.6	8.8	2.1
1980	226,451	2,582	1.14	3,612	1,990	845	11.3	7.1	15.9	8.7	3.7
1984	235,961	2,246	.95	3,669	2,040	615	9.5	6.9	15.6	8.6	2.6
1985	238,207	2,325	.98	3,761	2,087	650	9.7	7.0	15.7	8.7	2.7
1986	240,532	2,311	.96	3,757	2,106	660	9.6	6.8	15.5	8.7	2.7
1987	242,843	2,388	.98	3,829	2,128	689	9.8	7.0	15.7	8.7	2.8
1988	245,231	2,404	.98	3,908	2,170	667	9.8	7.1	15.9	8.8	2.7
Annual averages:											
1960–1964	179,386	2,767	1.54	4,210	1,756	346	14.9	13.2	22.6	9.4	1.9
1965–1969	193,223	2,125	1.10	3,633	1,889	418	10.7	8.7	18.3	9.5	2.1
1970–1974	203,849	2,216	1.09	3,370	1,946	359	10.6	6.8	16.1	9.3	1.7
1975–1979	214,931	2,304	1.07	3,293	1,909	449	10.4	6.3	14.9	8.7	2.0
1980–1984	226,451	2,351	1.04	3,646	2,001	682	10.1	7.1	15.7	8.6	2.9
1985–1988	238,207	2,357	.99	3,813	2,122	666	9.7	7.0	15.7	8.7	2.7
WHITE											
1970	178,692	2,050	1.15	3,095	1,687	327	11.4	7.8	17.2	9.4	1.8
1975	186,955	1,459	.78	2,552	1,661	173	7.8	4.7	13.6	8.9	.9
1980[4]	195,143	1,272	.65	2,899	1,739	431	6.5	5.9	14.8	8.9	2.2
1984	200,989	1,474	.73	2,924	1,782	331	7.3	5.7	14.5	8.8	1.6
1985	202,463	1,527	.75	2,991	1,820	353	7.5	5.8	14.7	9.0	1.7
1986	203,990	1,502	.74	2,970	1,831	363	7.3	5.6	14.5	8.9	1.8
1987	205,492	1,562	.76	3,034	1,852	381	7.6	5.7	14.7	9.0	1.8
1988	207,054	1,564	.76	3,080	1,887	373	7.5	5.7	14.8	9.1	1.8
BLACK											
1970	22,617	424	1.87	575	226	39	18.6	15.3	25.2	9.9	1.7
1975	24,602	382	1.55	512	218	38	15.4	11.8	20.6	8.8	1.5
1980[4]	26,645	488	1.83	590	233	76	18.1	13.3	21.9	8.7	2.8
1984	28,391	410	1.46	593	236	54	14.5	12.6	20.7	8.2	1.9
1985	28,802	421	1.48	608	244	58	14.7	12.7	21.0	8.3	2.0
1986	29,223	434	1.49	621	250	63	14.8	12.6	21.1	8.5	2.1
1987	29,657	447	1.51	628	252	71	15.0	12.6	21.0	8.4	2.4
1988	30,104	462	1.55	652	257	67	15.3	13.1	21.5	8.4	2.2
OTHER RACES											
1970	2,540	143	5.62	68	13	73	54.8	21.0	26.1	5.1	27.8
1975	3,375	324	9.61	81	15	238	91.0	18.5	22.6	4.1	66.8
1980[4]	4,664	823	17.64	124	18	338	155.7	20.0	23.5	3.5	64.1
1984	6,580	361	5.45	153	22	230	53.1	19.0	22.6	3.6	34.1
1985	6,942	377	5.37	161	23	239	52.3	18.7	22.6	3.9	33.6
1986	7,319	375	5.11	165	24	234	49.9	18.6	22.0	3.4	31.2
1987	7,694	379	4.93	167	24	236	48.2	18.1	21.2	3.1	30.1
1988	8,073	378	4.64	176	25	227	45.4	17.8	21.3	3.5	27.6

[1] Includes overseas admissions into, less discharges from, Armed Forces and includes for 1960–1980 "error of closure" (the amount necessary to make the components of change add to the net change between censuses), for which figures are not shown separately. [2] Percent of population at beginning of period. [3] Adjusted for underregistration prior to April 1, 1970. [4] Change in population by race includes the effect of a change in the definition of race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, forthcoming report.

No. 15. Projections of the Hispanic Population by Age and Sex: 1989 to 2010

[As of **July 1**. Includes Armed Forces overseas. See text, section 1 for explanation of methodology. Data are for the middle series with the following assumptions about fertility (ultimate lifetime births per woman), mortality (ultimate life expectancy in 2080) and immigration (yearly net immigration): 1.9 births per woman, 81.0 years, and 143,000 net immigration. These projections are not consistent with those shown in tables 16, 17, and 18]

Age and sex	Population (1,000): 1989	1990	1995	2000	2005	2010	Percent distribution: 1990	2000	2010	Percent change: 1980–1990	1990–2000	2000–2010
Total	**19,358**	**19,887**	**22,550**	**25,223**	**27,959**	**30,795**	**100.0**	**100.0**	**100.0**	**34.5**	**26.8**	**22.1**
Under 5 years old	2,242	2,282	2,412	2,496	2,644	2,852	11.5	9.9	9.3	36.2	9.4	14.3
5–17 years old	4,690	4,825	5,555	6,207	6,551	6,848	24.3	24.6	22.2	21.0	28.6	10.3
18–24 years old	2,369	2,387	2,511	2,767	3,254	3,599	12.0	11.0	11.7	5.3	15.9	30.1
25–34 years old	3,585	3,629	3,717	3,804	4,036	4,526	18.2	15.1	14.7	42.1	4.8	19.0
35–44 years old	2,651	2,788	3,430	3,803	3,894	3,983	14.0	15.1	12.9	74.9	36.4	4.7
45–54 years old	1,594	1,668	2,165	2,811	3,440	3,806	8.4	11.1	12.4	39.3	68.5	35.4
55–64 years old	1,156	1,183	1,342	1,619	2,093	2,704	5.9	6.4	8.8	50.1	36.9	67.0
65–74 years old	670	707	894	1,041	1,183	1,432	3.6	4.1	4.7	53.0	47.2	37.6
75 years old and over	402	419	525	678	864	1,045	2.1	2.7	3.4	64.3	61.8	54.1
16 years old and over	13,090	13,453	15,322	17,419	19,753	22,131	67.6	69.0	71.9	37.8	29.5	27.1
Male	9,681	9,947	11,285	12,627	14,000	15,419	50.0	50.1	50.1	34.9	26.9	22.1
Female	9,678	9,940	11,265	12,596	13,960	15,376	50.0	49.9	49.9	34.2	26.7	22.1

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 995.

No. 16. Projections of Total Population, by Race: 1989 to 2025

[**As of July 1.** Includes Armed Forces abroad. See text, section 1 for explanation of methodology. For the series shown, the following assumptions were made about fertility (ultimate lifetime births per woman), mortality (ultimate life expectancy in 2080), and immigration (ultimate yearly net immigration). Lowest series: 1.5 births per woman, 77.9 years, and 300,000 net immigration. Middle series: 1.8 births per woman, 81.2 years, and 500,000 net immigration. Highest series: 2.2 births per woman, 88.0 years, and 800,000 net immigration. Zero migration series: 1.8 births per woman and 81.2 years]

YEAR	TOTAL POPULATION (1,000)				BY RACE (middle series)					
	Lowest series (series 19)	Middle series (series 14)	Highest series (series 9)	Zero migration (series 29)	Number (1,000)			Percent distribution		
					White	Black	Other races	White	Black	Other races
1989	247,021	248,251	249,241	246,413	209,178	30,719	8,354	84.3	12.4	3.4
1990	248,656	250,410	251,897	247,943	210,616	31,148	8,645	84.1	12.4	3.5
1991	250,178	252,502	254,570	249,402	211,993	31,571	8,938	84.0	12.5	3.5
1992	251,592	254,521	257,235	250,781	213,301	31,988	9,232	83.8	12.6	3.6
1993	252,906	256,466	259,888	252,083	214,542	32,398	9,527	83.7	12.6	3.7
1994	254,121	258,338	262,526	253,308	215,714	32,801	9,823	83.5	12.7	3.8
1995	255,239	260,138	265,151	254,459	216,820	33,199	10,119	83.3	12.8	3.9
1996	256,266	261,872	267,766	255,541	217,862	33,592	10,418	83.2	12.8	4.0
1997	257,207	263,543	270,376	256,561	218,845	33,981	10,717	83.0	12.9	4.1
1998	258,068	265,157	272,986	257,523	219,773	34,366	11,017	82.9	13.0	4.2
1999	258,856	266,730	275,602	258,436	220,661	34,749	11,320	82.7	13.0	4.2
2000	259,576	268,266	278,228	259,304	221,514	35,129	11,624	82.6	13.1	4.3
2005	262,363	275,604	291,710	263,189	225,424	37,003	13,177	81.8	13.4	4.8
2010	264,193	282,575	305,882	266,528	228,978	38,833	14,764	81.0	13.7	5.2
2015	265,072	288,997	320,494	269,131	232,081	40,564	16,352	80.3	14.0	5.7
2020	264,536	294,364	335,022	270,493	234,330	42,128	17,906	79.6	14.3	6.1
2025	262,218	298,252	348,985	270,234	235,369	43,473	19,410	78.9	14.6	6.5

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 1018.

No. 17. Projected Components of Population Change, by Race: 1989 to 2010

[Includes Armed Forces overseas. Projections are for middle series (series 14); for assumptions, see headnote, table 16. For explanation of methodology, see text, section 1]

YEAR AND RACE	TOTAL (Jan. 1–Dec. 31)						RATE PER 1,000 MIDYEAR POPULATION				
	Population at start of period (1,000)	Net increase [1]		Natural increase		Net civilian immigration (1,000)	Net growth rate [1]	Natural increase			Net civilian immigration rate
		Total (1,000)	Percent [2]	Births (1,000)	Deaths (1,000)			Total	Birth rate	Death rate	
ALL RACES											
1989	247,150	2,181	.88	3,757	2,161	585	8.8	6.4	15.1	8.7	2.4
1990	249,331	2,126	.85	3,731	2,180	575	8.5	6.2	14.9	8.7	2.3
1995	259,238	1,767	.68	3,517	2,275	525	6.8	4.8	13.5	8.7	2.0
2000	267,498	1,522	.57	3,389	2,367	500	5.7	3.8	12.6	8.8	1.9
2005	274,884	1,433	.52	3,399	2,465	500	5.2	3.4	12.3	8.9	1.8
2010	281,894	1,351	.48	3,485	2,634	500	4.8	3.0	12.3	9.3	1.8
WHITE											
1989	208,437	1,460	.70	2,982	1,871	349	7.0	5.3	14.3	8.9	1.7
1990	209,897	1,407	.67	2,955	1,888	340	6.7	5.1	14.0	9.0	1.6
1995	216,267	1,074	.50	2,744	1,966	296	5.0	3.6	12.7	9.1	1.4
2000	221,087	837	.38	2,602	2,038	273	3.8	2.5	11.7	9.2	1.2
2005	225,048	746	.33	2,583	2,110	273	3.3	2.1	11.5	9.4	1.2
2010	228,637	674	.29	2,639	2,238	273	2.9	1.8	11.5	9.8	1.2
BLACK											
1989	30,503	430	1.41	622	252	60	14.0	12.1	20.3	8.2	1.9
1990	30,934	426	1.38	620	253	59	13.7	11.8	19.9	8.1	1.9
1995	33,000	396	1.20	601	262	56	11.9	10.2	18.1	7.9	1.7
2000	34,939	379	1.08	597	272	54	10.8	9.2	17.0	7.7	1.5
2005	36,816	372	1.01	604	286	54	10.1	8.6	16.3	7.7	1.5
2010	38,653	358	.93	616	312	54	9.2	7.8	15.9	8.0	1.4
OTHER RACES											
1989	8,210	290	3.53	152	38	176	34.7	13.7	18.2	4.5	21.0
1990	8,500	292	3.43	156	39	175	33.8	13.5	18.0	4.5	20.3
1995	9,971	298	2.98	172	48	174	29.4	12.2	17.0	4.7	17.2
2000	11,472	305	2.67	190	58	173	26.3	11.4	16.4	5.0	14.9
2005	13,020	315	2.42	211	69	173	23.9	10.8	16.0	5.2	13.1
2010	14,604	319	2.18	230	84	173	21.6	9.9	15.6	5.7	11.7

[1] Includes overseas admissions into, less discharges from, Armed Forces, not shown separately. [2] Percent of population at beginning of period.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 1018.

No. 18. Projections of the Total Population by Age, Sex, and Race: 1989 to 2010

[As of **July 1**. Includes Armed Forces overseas. Data are for middle series. For explanation of methodology, see text, section 1. Minus sign (–) indicates decrease]

Age, sex, and race	Population (1,000)						Percent distribution			Percent change		
	1989	1990	1995	2000	2005	2010	1990	2000	2010	1980–1990	1990–2000	2000–2010
Total	**248,251**	**250,410**	**260,138**	**268,266**	**275,604**	**282,575**	**100.0**	**100.0**	**100.0**	**9.9**	**7.1**	**5.3**
Under 5 years old	18,413	18,408	17,799	16,898	16,611	16,899	7.4	6.3	6.0	11.8	8.2	(z)
5–17 years old	45,269	45,630	48,374	48,815	47,471	45,747	18.2	18.2	16.2	–3.4	7.0	–6.3
18–24 years old	26,591	26,140	24,281	25,231	26,918	27,155	10.4	9.4	9.6	–13.9	–3.5	7.6
25–34 years old	44,024	43,925	40,962	37,149	35,997	37,572	17.5	13.8	13.3	16.7	15.4	1.1
35–44 years old	36,548	37,897	42,336	43,911	40,951	37,202	15.1	16.4	13.2	46.5	15.9	–15.3
45–54 years old	24,872	25,487	31,297	37,223	41,619	43,207	10.2	13.9	15.3	12.0	46.0	16.1
55–64 years old	21,544	21,364	21,325	24,158	29,762	35,430	8.5	9.0	12.5	–1.8	13.1	46.7
65–74 years old	18,129	18,373	18,930	18,243	18,410	21,039	7.3	6.8	7.4	17.4	–.7	15.3
75 years old and over	12,863	13,187	14,834	16,639	17,864	18,323	5.3	6.2	6.5	31.2	26.2	10.1
16 years old and over	191,451	192,989	201,018	210,134	219,301	227,390	77.1	78.3	80.5	11.9	8.9	8.2
Male, total	**121,159**	**122,243**	**127,123**	**131,191**	**134,858**	**138,333**	**100.0**	**100.0**	**100.0**	**10.2**	**7.3**	**5.4**
Under 5 years old	9,426	9,426	9,118	8,661	8,517	8,668	7.7	6.6	6.3	12.0	–8.1	.1
5–17 years old	23,190	23,377	24,787	25,027	24,350	23,473	19.1	19.1	17.0	–3.2	7.1	–6.2
18–24 years old	13,440	13,216	12,290	12,770	13,628	13,752	10.8	9.7	9.9	–13.8	3.4	7.7
25–34 years old	22,126	22,078	20,579	18,662	18,091	18,878	18.1	14.2	13.6	17.8	–15.5	1.2
35–44 years old	18,094	18,785	21,104	21,945	20,458	18,586	15.4	16.7	13.4	47.7	16.8	–15.3
45–54 years old	12,104	12,406	15,292	18,296	20,585	21,432	10.1	13.9	15.5	12.8	47.5	17.1
55–64 years old	10,170	10,103	10,149	11,557	14,321	17,173	8.3	8.8	12.4	–.8	14.4	48.6
65–74 years old	8,052	8,171	8,476	8,242	8,407	9,691	6.7	6.3	7.0	20.3	.9	17.6
75 years old and over	4,559	4,681	5,326	6,032	6,501	6,681	3.8	4.6	4.8	30.9	28.9	10.8
16 years old and over	92,070	92,834	96,834	101,392	105,984	110,024	75.9	77.3	79.5	12.4	9.2	8.5
Female, total	**127,092**	**128,167**	**133,016**	**137,076**	**140,746**	**144,241**	**100.0**	**100.0**	**100.0**	**9.7**	**7.0**	**5.2**
Under 5 years old	8,987	8,982	8,681	8,237	8,094	8,231	7.0	6.0	5.7	11.7	8.3	–.1
5–17 years old	22,079	22,253	23,587	23,788	23,121	22,274	17.4	17.4	15.4	–3.7	6.9	–6.4
18–24 years old	13,150	12,924	11,991	12,461	13,290	13,402	10.1	9.1	9.3	–14.0	3.6	7.6
25–34 years old	21,897	21,848	20,384	18,487	17,906	18,694	17.0	13.5	13.0	15.7	–15.4	1.1
35–44 years old	18,455	19,112	21,233	21,966	20,493	18,616	14.9	16.0	12.9	45.4	14.9	–15.3
45–54 years old	12,768	13,081	16,005	18,927	21,034	21,775	10.2	13.8	15.1	11.3	44.7	15.0
55–64 years old	11,375	11,260	11,175	12,601	15,441	18,257	8.8	9.2	12.7	–2.8	11.9	44.9
65–74 years old	10,077	10,201	10,454	10,001	10,004	11,348	8.0	7.3	7.9	15.1	2.0	13.5
75 years old and over	8,304	8,505	9,507	10,607	11,364	11,642	6.6	7.7	8.1	31.3	24.7	9.8
16 years old and over	99,381	100,155	104,184	108,742	113,317	117,366	78.1	79.3	81.4	11.5	8.6	7.9
White, total	**209,178**	**210,616**	**216,820**	**221,514**	**225,424**	**228,978**	**100.0**	**100.0**	**100.0**	**7.7**	**5.2**	**3.4**
Under 5 years old	14,899	14,893	14,251	13,324	12,936	13,084	7.1	6.0	5.7	10.4	–10.5	–1.8
5–17 years old	36,317	36,537	38,493	38,569	37,118	35,258	17.3	17.4	15.4	–6.3	5.6	8.6
18–24 years old	21,775	21,330	19,452	19,998	21,188	21,298	10.1	9.0	9.3	–16.7	–6.2	6.5
25–34 years old	36,798	36,620	33,680	29,988	28,603	29,585	17.4	13.5	12.9	13.6	18.1	–1.3
35–44 years old	31,223	32,306	35,635	36,574	33,639	29,997	15.3	16.5	13.1	44.1	13.2	–18.0
45–54 years old	21,450	21,950	26,879	31,618	34,911	35,860	10.4	14.3	15.7	9.8	44.0	13.4
55–64 years old	18,852	18,637	18,327	20,667	25,407	29,913	8.8	9.3	13.1	–4.5	10.9	44.7
65–74 years old	16,188	16,380	16,681	15,811	15,708	17,875	7.8	7.1	7.8	16.1	–3.5	13.1
75 years old and over	11,675	11,965	13,421	14,965	15,914	16,108	5.7	6.8	7.0	30.2	25.1	7.6
16 years old and over	163,468	164,465	169,665	175,579	181,478	186,417	78.1	79.3	81.4	9.6	6.8	6.2
Male	102,448	103,184	106,365	108,774	110,785	112,610	49.0	49.1	49.2	8.0	5.4	3.5
Female	106,730	107,432	110,455	112,739	114,639	116,368	51.0	50.9	50.8	7.4	4.9	3.2
Black, total	**30,719**	**31,148**	**33,199**	**35,129**	**37,003**	**38,833**	**100.0**	**100.0**	**100.0**	**15.8**	**12.8**	**10.6**
Under 5 years old	2,806	2,814	2,790	2,748	2,764	2,820	9.0	7.8	7.3	13.7	2.3	2.6
5–17 years old	7,095	7,170	7,697	7,895	7,889	7,809	23.0	22.5	20.1	2.5	10.1	–1.1
18–24 years old	3,845	3,813	3,703	3,924	4,198	4,314	12.2	11.2	11.1	–5.4	2.9	9.9
25–34 years old	5,639	5,685	5,534	5,264	5,299	5,590	18.3	15.0	14.4	31.2	–7.4	6.2
35–44 years old	4,010	4,210	5,041	5,481	5,332	5,076	13.5	15.6	13.1	52.9	30.2	–7.4
45–54 years old	2,620	2,686	3,261	4,106	4,928	5,369	8.6	11.7	13.8	17.4	52.9	30.8
55–64 years old	2,145	2,156	2,288	2,578	3,155	3,995	6.9	7.3	10.3	12.1	19.6	55.0
65–74 years old	1,576	1,608	1,762	1,848	1,994	2,277	5.2	5.3	5.9	19.0	14.9	23.2
75 years old and over	981	1,005	1,122	1,283	1,445	1,584	3.2	3.7	4.1	33.1	27.7	23.5
16 years old and over	21,920	22,226	23,860	25,708	27,638	29,467	71.4	73.2	75.9	19.2	15.7	14.6
Male	14,625	14,835	15,840	16,787	17,707	18,602	47.6	47.8	47.9	16.2	13.2	10.8
Female	16,094	16,313	17,359	18,342	19,296	20,231	52.4	52.2	52.1	15.4	12.4	10.3
Other races, total	**8,354**	**8,645**	**10,119**	**11,624**	**13,177**	**14,764**	**100.0**	**100.0**	**100.0**	**67.2**	**34.5**	**27.0**
Under 5 years old	708	702	758	826	911	995	8.1	7.1	6.7	47.7	17.8	20.4
5–17 years old	1,857	1,922	2,184	2,350	2,464	2,680	22.2	20.2	18.2	58.2	22.2	14.1
18–24 years old	970	998	1,126	1,309	1,532	1,542	11.5	11.3	10.4	41.9	31.1	17.9
25–34 years old	1,587	1,620	1,748	1,897	2,095	2,396	18.7	16.3	16.2	57.3	17.1	26.3
35–44 years old	1,313	1,380	1,660	1,856	1,980	2,129	16.0	16.0	14.4	103.8	34.5	14.7
45–54 years old	801	851	1,156	1,500	1,780	1,979	9.8	12.9	13.4	84.5	76.2	32.0
55–64 years old	548	570	711	912	1,200	1,523	6.6	7.8	10.3	81.1	59.9	67.1
65–74 years old	364	384	487	584	708	886	4.4	5.0	6.0	101.2	51.9	51.8
75 years old and over	206	218	290	391	506	632	2.5	3.4	4.3	109.6	79.3	61.8
16 years old and over	6,063	6,298	7,493	8,847	10,186	11,506	72.9	76.1	77.9	71.5	40.5	30.1
Male	4,087	4,224	4,918	5,629	6,366	7,122	48.9	48.4	48.2	66.5	33.3	26.5
Female	4,267	4,422	5,202	5,995	6,811	7,642	51.1	51.6	51.8	67.8	35.6	27.5

Z Less than .05 percent.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 1018.

No. 19. Resident Population—Selected Characteristics: 1790 to 1988

[**In thousands, except as indicated.** Excludes Armed Forces abroad. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970,* series A 73-81 and A 143-149]

Date	Sex		Race					Hispanic origin [1]	Residence [2]		Median age (years)
	Male	Female	White	Black	Other				Urban	Rural	
					Total	American Indians and Alaska Natives	Asian and Pacific Islanders				
1790 (Aug. 2) [3]	(NA)	(NA)	3,172	757	(NA)	(NA)	(NA)	(NA)	202	3,728	(NA)
1800 (Aug. 4) [3]	(NA)	(NA)	4,306	1,002	(NA)	(NA)	(NA)	(NA)	322	4,986	(NA)
1850 (June 1) [3]	11,838	11,354	19,553	3,639	(NA)	(NA)	(NA)	(NA)	3,544	19,648	18.9
1860 (June 1) [3]	16,085	15,358	26,923	4,442	79	(NA)	(NA)	(NA)	6,217	25,227	19.4
1870 (June 1) [3]	19,494	19,065	33,589	4,880	89	(NA)	(NA)	(NA)	9,902	28,656	20.2
1880 (June 1) [3]	25,519	24,637	43,403	6,581	172	(NA)	(NA)	(NA)	14,130	36,026	20.9
1890 (June 1) [3]	32,237	30,711	55,101	7,489	358	(NA)	(NA)	(NA)	22,106	40,841	22.0
1900 (June 1) [3]	38,816	37,178	66,809	8,834	351	(NA)	(NA)	(NA)	30,160	45,835	22.9
1910 (Apr. 15) [3]	47,332	44,640	81,732	9,828	413	(NA)	(NA)	(NA)	41,999	49,973	24.1
1920 (Jan. 1) [3]	53,900	51,810	94,821	10,463	427	(NA)	(NA)	(NA)	54,158	51,553	25.3
1930 (Apr. 1) [3]	62,137	60,638	110,287	11,891	597	(NA)	(NA)	(NA)	68,955	53,820	26.4
1940 (Apr. 1) [3]	66,062	65,608	118,215	12,866	589	(NA)	(NA)	(NA)	74,424	57,246	29.0
1950 (Apr. 1) [3]	74,833	75,864	134,942	15,042	713	(NA)	(NA)	(NA)	96,468	54,230	30.2
1950 (Apr. 1)	75,187	75,139	135,150	15,045	1,131	(NA)	(NA)	(NA)	96,847	54,479	30.2
1960 (Apr. 1)	88,331	90,992	158,832	18,872	1,620	(NA)	(NA)	(NA)	125,269	54,054	29.5
1970 (Apr. 1) [4]	98,926	104,309	178,098	22,581	2,557	(NA)	(NA)	(NA)	149,325	53,887	28.0
1980 (Apr. 1) [5]	110,053	116,493	194,713	26,683	5,150	1,420	3,729	14,609	167,051	59,495	30.0
1983 (July 1) [6]	113,919	120,365	199,649	28,056	6,379	1,524	4,855	16,649	(NA)	(NA)	30.8
1984 (July 1) [6]	115,022	121,455	201,290	28,457	6,730	1,559	5,172	17,251	(NA)	(NA)	31.1
1985 (July 1) [6]	116,160	122,576	202,769	28,870	7,097	1,594	5,504	17,865	(NA)	(NA)	31.4
1986 (July 1) [6]	117,370	123,737	204,326	29,303	7,478	1,629	5,849	18,521	(NA)	(NA)	31.7
1987 (July 1) [6]	118,539	124,880	205,827	29,748	7,845	1,664	6,181	19,173	(NA)	(NA)	32.1
1988 (July 1) [6]	119,738	126,069	207,377	30,202	8,228	1,699	6,529	19,831	(NA)	(NA)	32.3

NA Not available. [1] Persons of Hispanic origin may be of any race. [2] Beginning 1950, current definition. For explanation of change, see text, section 1. [3] Excludes Alaska and Hawaii. [4] The revised 1970 resident population count is 203,302,031; which incorporates changes due to errors found after tabulations were completed. The race and sex data shown here reflect the official 1970 census count while the residence data come from the tabulated count; see text, section 1. [5] The race data shown for April 1, 1980 have been modified; see text, section 1 for explanation. [6] Estimated.

No. 20. Ratio of Males to Females, by Age Group, 1940 to 1988

[Represents number of males per 100 females. Total resident population. Persons of Hispanic origin may be of any race]

Age	1940 (Apr. 1)	1950 (Apr. 1)	1960 (Apr. 1)	1970 (Apr. 1)	1980 (Apr. 1)	1985 (July 1)	1988 (July 1)				
							Total	White	Black	Other races	Hispanic
All ages	**100.7**	**98.6**	**97.1**	**94.8**	**94.5**	**94.8**	**95.0**	**95.7**	**90.2**	**95.7**	**101.2**
Under 14 years	103.0	103.7	103.4	103.9	104.6	104.9	104.9	105.4	103.2	102.7	104.0
14-24 years	98.9	98.2	98.7	98.7	101.9	102.2	102.4	103.0	98.0	107.6	106.0
25-44 years	98.5	96.4	95.7	95.5	97.4	98.5	98.9	100.9	87.0	93.7	106.1
45-64 years	105.2	100.1	95.7	91.6	90.7	91.5	92.0	93.5	81.8	85.6	90.3
65 years and over	95.5	89.6	82.8	72.1	67.6	67.9	68.6	68.5	67.0	77.8	71.4

Source of tables 19 and 20: U.S. Bureau of the Census, *U.S. Census of Population: 1940,* vol. II, part 1, and vol. IV, part 1; *1950,* vol. II, part 1; *1960,* vol. I, part 1; *1970,* vol. I, part B; and *Current Population Reports,* series P-25, No. 1045.

No. 21. Hispanic Population, by Age and Sex: 1980 and 1988

[**1980,** as of **April; 1988,** as of **July.** Resident population. Hispanic persons may be of any race]

Year and sex	Total	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65 years and over	Median age (yrs.)
NUMBER (1,000)																
1980, total	**14,609**	**1,863**	**1,537**	**1,475**	**1,606**	**1,586**	**1,376**	**1,129**	**854**	**712**	**622**	**564**	**454**	**321**	**709**	**23.2**
Male	7,280	848	783	747	827	819	697	558	416	345	300	270	217	147	305	22.6
Female	7,329	815	754	728	780	767	679	570	438	367	321	294	237	174	404	23.8
1988, total	**19,831**	**2,123**	**1,950**	**1,829**	**1,733**	**1,935**	**2,142**	**1,860**	**1,453**	**1,111**	**842**	**700**	**610**	**521**	**1,021**	**25.8**
Male	9,973	1,081	995	933	884	1,005	1,134	970	733	544	406	334	287	241	426	25.4
Female	9,857	1,042	954	896	849	930	1,008	890	720	567	436	366	323	280	596	26.3
PERCENT																
1980, total	**100.0**	**11.4**	**10.5**	**10.1**	**11.0**	**10.9**	**9.4**	**7.7**	**5.8**	**4.9**	**4.3**	**3.9**	**3.1**	**2.2**	**4.9**	(x)
Male	100.0	11.6	10.8	10.3	11.4	11.3	9.6	7.7	5.7	4.7	4.1	3.7	3.0	2.0	4.2	(x)
Female	100.0	11.1	10.3	9.9	10.6	10.5	9.3	7.8	6.0	5.0	4.4	4.0	3.2	2.4	5.5	(x)
1988, total	**100.0**	**10.7**	**9.8**	**9.2**	**8.7**	**9.8**	**10.8**	**9.4**	**7.3**	**5.6**	**4.2**	**3.5**	**3.1**	**2.6**	**5.1**	(x)
Male	100.0	10.6	10.0	9.4	8.9	10.1	11.4	9.7	7.3	5.5	4.1	3.3	2.9	2.4	4.3	(x)
Female	100.0	10.6	9.7	9.1	8.6	9.4	10.2	9.0	7.3	5.8	4.4	3.7	3.3	2.8	6.0	(x)

X Not applicable.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 1045.

No. 22. Resident Population, by Age, Sex, and Race: 1970 to 1988

[**In thousands, except as indicated. 1970** and **1980** data based on enumerated population as of **April 1**; other years based on estimated population as of **July 1**. Excludes Armed Forces overseas. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series A119-134]

YEAR, SEX, AND RACE	Total, all years	Under 5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years	50-54 years	55-59 years	60-64 years	65-74 years	75 years and over	5-13 years	14-17 years	18-24 years	16 years and over	65 years and over	Median age (yr.)
1970, total [1 2]	**203,235**	**17,163**	**19,969**	**20,804**	**19,084**	**16,383**	**13,486**	**11,437**	**11,113**	**11,988**	**12,124**	**11,111**	**9,979**	**8,623**	**12,443**	**7,530**	**36,675**	**15,851**	**23,714**	**141,268**	**19,972**	**28.0**
Male	98,926	8,750	10,175	10,598	9,641	7,925	6,626	5,599	5,416	5,823	5,855	5,351	4,769	4,030	5,440	2,927	18,687	8,069	11,583	67,347	8,367	26.8
Female	104,309	8,413	9,794	10,206	9,443	8,458	6,859	5,838	5,697	6,166	6,269	5,759	5,210	4,593	7,002	4,603	17,987	7,782	12,131	73,920	11,605	29.3
White	178,098	14,464	16,941	17,724	16,412	14,327	11,850	10,000	9,749	10,633	10,868	10,019	9,021	7,818	11,300	6,972	31,171	13,579	20,655	125,520	18,272	28.9
Black	22,581	2,434	2,749	2,812	2,425	1,816	1,429	1,254	1,196	1,199	1,124	990	874	734	1,043	501	5,009	2,073	2,721	14,053	1,544	22.4
1980, total	**226,546**	**16,348**	**16,700**	**18,242**	**21,168**	**21,319**	**19,521**	**17,561**	**13,965**	**11,669**	**11,090**	**11,710**	**11,615**	**10,088**	**15,581**	**9,969**	**31,159**	**16,247**	**30,022**	**171,196**	**25,549**	**30.0**
Male	110,053	8,362	8,539	9,316	10,755	10,663	9,705	8,677	6,862	5,708	5,388	5,621	5,482	4,670	6,757	3,548	15,923	8,298	15,054	81,766	10,305	28.8
Female	116,493	7,986	8,161	8,926	10,413	10,655	9,816	8,884	7,104	5,961	5,702	6,089	6,133	5,418	8,824	6,420	15,237	7,950	14,969	89,429	15,245	31.3
White [3]	194,713	13,414	13,717	15,095	17,681	18,072	16,658	15,157	12,122	10,110	9,693	10,360	10,394	9,078	14,045	9,117	25,691	13,492	25,381	149,121	23,162	30.9
Black [3]	26,683	2,459	2,509	2,691	3,007	2,749	2,342	1,904	1,469	1,260	1,150	1,135	1,041	874	1,344	748	4,629	2,360	3,948	18,425	2,092	24.9
Other races [3]	5,150	475	474	456	480	498	521	500	375	299	246	215	180	135	191	104	839	376	693	3,650	295	26.8
1983, total	234,284	17,650	16,147	17,912	19,274	21,488	21,202	19,211	16,165	13,135	11,226	11,213	11,528	10,705	16,494	10,934	30,410	14,720	29,692	178,965	27,428	30.8
1984, total	236,477	17,830	16,464	17,511	18,785	21,327	21,535	19,696	16,932	13,614	11,463	11,032	11,444	10,872	16,739	11,234	30,238	14,704	29,145	180,992	27,973	31.1
1985, total	238,736	18,004	16,822	17,101	18,552	21,000	21,758	20,269	17,708	14,056	11,645	10,944	11,342	10,995	17,009	11,531	30,110	14,865	28,500	183,040	28,540	31.4
1986, total	241,107	18,154	17,295	16,565	18,610	20,411	22,005	20,773	18,722	14,348	11,926	10,889	11,273	10,962	17,335	11,840	30,351	14,797	27,733	185,248	29,174	31.7
1987, total	243,419	18,276	17,662	16,485	18,459	19,791	21,979	21,333	18,737	15,569	12,350	10,926	11,125	10,897	17,667	12,163	30,824	14,467	27,105	187,458	29,830	32.1
1988, total	**245,807**	**18,456**	**18,028**	**16,627**	**18,214**	**19,184**	**21,877**	**21,798**	**19,140**	**16,124**	**13,026**	**11,136**	**10,897**	**10,934**	**17,897**	**12,470**	**31,406**	**13,982**	**26,664**	**189,342**	**30,367**	**32.3**
Male	119,738	9,446	9,226	8,525	9,291	9,606	10,951	10,902	9,480	7,915	6,359	5,393	5,195	5,096	7,945	4,409	16,084	7,169	13,394	90,823	12,353	31.2
Female	126,069	9,009	8,802	8,102	8,923	9,578	10,926	10,896	9,660	8,209	6,668	5,744	5,701	5,837	9,953	8,061	15,322	6,813	13,270	98,519	18,014	33.5
White	207,377	14,879	14,503	13,346	14,740	15,804	18,292	18,325	16,255	13,942	11,239	9,601	9,495	9,657	15,992	11,308	25,248	11,227	21,918	161,973	27,300	33.3
Male	101,389	7,630	7,440	6,856	7,526	7,952	9,235	9,256	8,145	6,918	5,542	4,698	4,562	4,525	7,125	3,978	12,959	5,763	11,052	78,091	11,103	32.1
Female	105,988	7,249	7,063	6,489	7,213	7,852	9,057	9,069	8,110	7,024	5,697	4,903	4,932	5,132	8,868	7,330	12,288	5,464	10,865	83,882	16,198	34.4
Black	30,202	2,802	2,783	2,613	2,789	2,704	2,828	2,677	2,186	1,624	1,362	1,194	1,115	1,024	1,546	955	4,883	2,208	3,798	21,465	2,501	27.5
Male	14,325	1,423	1,412	1,327	1,407	1,305	1,342	1,256	1,001	735	612	533	507	462	660	343	2,479	1,122	1,850	9,868	1,003	26.1
Female	15,877	1,379	1,371	1,285	1,382	1,399	1,486	1,420	1,185	889	751	661	608	562	886	612	2,404	1,086	1,948	11,577	1,498	28.8
Other races	8,228	775	742	669	685	676	756	796	700	558	425	341	287	252	358	207	1,275	548	948	5,905	565	28.8
Male	4,024	393	374	341	357	349	374	389	335	262	205	162	126	109	159	88	645	284	492	2,844	247	27.7
Female	4,204	382	368	327	328	327	383	407	365	296	220	179	161	143	199	119	630	264	457	3,060	318	29.8
Percent:																						
1970	100.0	8.4	9.8	10.2	9.4	8.1	6.6	5.6	5.5	5.9	6.0	5.5	4.9	4.2	6.1	3.7	18.0	7.8	11.7	69.5	9.8	(x)
1980	100.0	7.2	7.4	8.1	9.3	9.4	8.6	7.8	6.2	5.2	4.9	5.2	5.1	4.5	6.9	4.4	13.8	7.2	13.3	75.6	11.3	(x)
1988, total	**100.0**	**7.5**	**7.3**	**6.8**	**7.4**	**7.8**	**8.9**	**8.9**	**7.8**	**6.6**	**5.3**	**4.5**	**4.4**	**4.4**	**7.3**	**5.1**	**12.8**	**5.7**	**10.8**	**77.0**	**12.4**	(x)
Male	100.0	7.9	7.7	7.1	7.8	8.0	9.1	9.1	7.9	6.6	5.3	4.5	4.3	4.3	6.6	3.7	13.4	6.0	11.2	75.9	10.3	(x)
Female	100.0	7.1	7.0	6.4	7.1	7.6	8.7	8.6	7.7	6.5	5.3	4.6	4.5	4.6	7.9	6.4	12.2	5.4	10.5	78.1	14.3	(x)
White	100.0	7.2	7.0	6.4	7.1	7.6	8.8	8.8	7.8	6.7	5.4	4.6	4.6	4.7	7.7	5.4	12.2	5.4	10.6	78.1	13.2	(x)
Black	100.0	9.3	9.2	8.7	9.2	9.0	9.4	8.9	7.2	5.4	4.5	4.0	3.7	3.4	5.1	3.2	16.2	7.3	12.6	71.1	8.3	(x)
Other races	100.0	9.4	9.0	8.1	8.3	8.2	9.2	9.7	8.5	6.8	5.2	4.1	3.5	3.1	4.4	2.5	15.5	6.7	11.5	71.8	6.9	(x)

X Not applicable. [1] Includes other races, not shown separately. [2] Official count. The revised 1970 resident population count is 203,302,031; the difference of 66,733 is due to errors found after release of the official series. [3] The race data shown for April 1, 1980 have been modified. See text, section 1 for explanation.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 870 and 1045.

No. 23. U.S. Resident Population, by Region and Division, 1960 to 1988, and Projections, 1990 to 2000

[As of **April 1**, except beginning **1988**, as of **July 1**. For composition of divisions, see fig. I, inside front cover]

Region and division	Population (millions)							Percent distribution						
	1960	1970	1980	1988	1990	1995	2000	1960	1970	1980	1988	1990	1995	2000
United States	**179.3**	**203.3**	**226.5**	**245.8**	**249.9**	**259.6**	**267.7**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Northeast	44.7	49.1	49.1	50.6	50.6	51.3	51.8	24.9	24.1	21.7	20.6	20.2	19.8	19.4
New England	10.5	11.8	12.3	13.0	13.1	13.5	13.8	5.9	5.8	5.5	5.3	5.2	5.2	5.1
Middle Atlantic	34.2	37.2	36.8	37.6	37.5	37.8	38.0	19.1	18.3	16.2	15.3	15.0	14.6	14.2
Midwest	51.6	56.6	58.9	59.9	59.8	59.9	59.6	28.8	27.8	26.0	24.4	23.9	23.1	22.3
East North Central	36.2	40.3	41.7	42.1	42.1	42.0	41.7	20.2	19.8	18.4	17.1	16.8	16.2	15.6
West North Central	15.4	16.3	17.2	17.8	17.7	17.8	17.9	8.6	8.0	7.6	7.2	7.1	6.9	6.7
South	55.0	62.8	75.4	84.7	87.3	92.4	96.9	30.7	30.9	33.3	34.4	34.9	35.6	36.2
South Atlantic	26.0	30.7	37.0	42.4	43.7	47.1	50.0	14.5	15.1	16.3	17.3	17.5	18.1	18.7
East South Central	12.1	12.8	14.7	15.3	15.6	16.0	16.3	6.7	6.3	6.5	6.2	6.2	6.2	6.1
West South Central	17.0	19.3	23.7	26.9	27.9	29.3	30.6	9.5	9.5	10.5	10.9	11.2	11.3	11.4
West	28.1	34.8	43.2	50.7	52.3	56.1	59.4	15.6	17.1	19.1	20.6	20.9	21.6	22.2
Mountain	6.9	8.3	11.4	13.3	14.0	15.1	16.0	3.8	4.1	5.0	5.4	5.6	5.8	6.0
Pacific	21.2	26.5	31.8	37.4	38.3	41.0	43.4	11.8	13.1	14.0	15.2	15.3	15.8	16.2

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I; *1980 Census of Population*, vol. 1, chapter A (PC80-1-A); *Current Population Reports*, series P-25, Nos. 1017 and 1044.

No. 24. Annual Inmigration, Outmigration, and Net Migration for Regions, 1980 to 1988, and Movement Between Regions, 1987-1988

[**In thousands.** As of **March**. For persons 1 year old and over. Excludes members of the Armed Forces except those living off post or with their families on post. Based on Current Population Survey; see text, section 1 and Appendix III. For composition of regions, see fig. I, inside front cover. Minus sign (−) indicates net outmigration]

Period	Northeast	Midwest	South	West
1980-1981: Inmigrants	464	650	1,377	871
Outmigrants	706	1,056	890	710
Net migration	−242	−406	487	161
1981-1982: Inmigrants	473	793	1,482	931
Outmigrants	685	1,163	1,012	819
Net migration	−212	−370	470	112
1982-1983: Inmigrants	439	661	1,211	880
Outmigrants	625	947	973	645
Net migration	−186	286	238	235
1983-1984: Inmigrants	487	820	1,399	834
Outmigrants	578	1,102	973	887
Net migration	−91	−282	426	−53
1984-1985: Inmigrants	482	842	1,329	994
Outmigrants	691	1,053	1,169	734
Net migration	−209	−211	160	260
1985-1986: Inmigrants	502	1,011	1,355	910
Outmigrants	752	996	1,320	710
Net migration	250	15	35	200
1986-1987: Inmigrants	398	858	1,374	916
Outmigrants	732	969	1,095	750
Net migration	−334	111	279	166
1987-1988:				
Total inmigrants	448	741	1,364	627
From Northeast	(x)	112	444	122
From Midwest	91	(x)	528	210
From South	250	403	(x)	294
From West	107	226	393	(x)
Total outmigrants	679	829	946	725
To Northeast	(x)	91	250	107
To Midwest	112	(x)	403	226
To South	444	528	(x)	393
To West	122	210	294	(x)
Net migration	−231	88	418	−98

X Not applicable.

No. 25. Mobility Status of the Population, by Selected Characteristics: 1987-1988

[See headnote, table 24]

Age and region	Total (1,000)	Percent distribution						
		Non-movers (same house)	Movers (different house in U.S.)					Movers from abroad
			Total	Same county	Different county			
					Total	Same State	Different State	
Total	**237,382**	**81.9**	**17.6**	**11.3**	**6.4**	**3.6**	**2.7**	**.5**
1-4 years old	14,531	73.1	26.3	17.4	9.0	4.7	4.3	.6
5-9 years old	17,880	79.8	19.7	13.4	6.3	3.3	2.9	.5
10-14 years old	16,520	84.2	15.3	10.4	4.9	2.9	2.0	.5
15-19 years old	17,996	82.3	17.2	11.0	6.1	3.5	2.7	.5
20-24 years old	18,839	63.6	35.2	22.3	12.9	7.4	5.5	1.2
25-29 years old	21,524	67.4	31.8	20.5	11.3	6.5	4.8	.8
30-44 years old	56,128	81.5	17.9	11.3	6.6	3.8	2.8	.5
45-54 years old	23,795	89.5	10.2	6.3	3.9	2.3	1.6	.3
55-64 years old	21,642	92.8	7.1	3.9	3.1	1.9	1.2	.1
65-74 years old	17,472	95.0	4.9	2.7	2.2	1.2	1.0	.1
75 years old and over	11,055	95.3	4.7	2.9	1.7	1.3	.4	.1
Northeast	49,026	88.1	11.4	7.3	4.1	2.4	1.7	.5
Midwest	58,222	83.1	16.6	11.0	5.7	3.5	2.2	.3
South	81,255	79.6	19.9	11.9	8.0	4.4	3.6	.5
West	48,880	77.9	21.3	14.5	6.8	3.8	2.9	.8

Source of tables 24 and 25: U.S. Bureau of the Census, *Current Population Reports*, series P-20, forthcoming report.

No. 26. Resident Population—

[1960–1980, as of Apr. 1; beginning 1981, as of July 1. Insofar as possible, population shown for all years is that of present area of State; See *Historical Statistics, Colonial Times to 1970*, series A 172, for population by regions,

Region, division, and state or other area	Population (1,000)										
	1960	1970	1980	1981	1982	1983	1984	1985	1986	1987	1988
U.S	**179,323**	**203,302**	**226,546**	**229,637**	**231,996**	**234,284**	**236,477**	**238,736**	**241,107**	**243,419**	**245,807**
Region:											
Northeast	44,678	49,061	49,135	49,262	49,323	49,524	49,711	49,861	50,066	50,294	50,595
Midwest	51,619	56,589	58,866	59,002	58,951	58,944	59,107	59,222	59,324	59,565	59,878
South	54,973	62,812	75,372	77,063	78,495	79,725	80,775	81,868	82,983	83,863	84,655
West	28,053	34,838	43,172	44,310	45,227	46,091	46,883	47,786	48,734	49,697	50,679
N.E	**10,509**	**11,848**	**12,348**	**12,417**	**12,434**	**12,491**	**12,576**	**12,662**	**12,741**	**12,843**	**12,963**
ME	969	994	1,125	1,133	1,137	1,145	1,156	1,164	1,171	1,186	1,205
NH	607	738	921	937	948	959	978	998	1,027	1,056	1,085
VT	390	445	511	517	521	526	530	535	540	547	557
MA	5,149	5,689	5,737	5,754	5,746	5,764	5,795	5,823	5,835	5,856	5,889
RI	859	950	947	952	953	955	960	967	975	986	993
CT	2,535	3,032	3,108	3,124	3,129	3,143	3,156	3,175	3,194	3,212	3,233
M.A	**34,168**	**37,213**	**36,787**	**36,845**	**36,890**	**37,033**	**37,135**	**37,199**	**37,325**	**37,452**	**37,631**
NY	16,782	18,241	17,558	17,559	17,576	17,670	17,726	17,767	17,805	17,835	17,909
NJ	6,067	7,171	7,365	7,407	7,431	7,468	7,517	7,568	7,625	7,674	7,721
PA	11,319	11,801	11,864	11,879	11,883	11,895	11,892	11,865	11,895	11,942	12,001
E.N.C	**36,225**	**40,262**	**41,682**	**41,707**	**41,607**	**41,531**	**41,609**	**41,676**	**41,761**	**41,941**	**42,119**
OH	9,706	10,657	10,798	10,796	10,772	10,761	10,770	10,774	10,778	10,816	10,855
IN	4,662	5,195	5,490	5,489	5,484	5,475	5,491	5,500	5,503	5,530	5,556
IL	10,081	11,110	11,427	11,475	11,481	11,493	11,525	11,539	11,553	11,584	11,614
MI	7,823	8,882	9,262	9,211	9,119	9,054	9,059	9,088	9,143	9,205	9,240
WI	3,952	4,418	4,706	4,736	4,747	4,748	4,763	4,775	4,784	4,807	4,855
W.N.C	**15,394**	**16,327**	**17,183**	**17,295**	**17,348**	**17,413**	**17,498**	**17,545**	**17,563**	**17,624**	**17,759**
MN	3,414	3,806	4,076	4,113	4,133	4,145	4,163	4,191	4,213	4,244	4,307
IA	2,758	2,825	2,914	2,918	2,905	2,899	2,893	2,873	2,840	2,823	2,834
MO	4,320	4,678	4,917	4,939	4,944	4,965	5,004	5,036	5,066	5,107	5,141
ND	632	618	653	661	672	681	687	685	678	671	667
SD	681	666	691	692	695	699	705	708	708	709	713
NE	1,411	1,485	1,570	1,583	1,590	1,596	1,605	1,605	1,598	1,594	1,602
KS	2,179	2,249	2,364	2,389	2,410	2,428	2,441	2,448	2,459	2,475	2,495
S.A	**25,972**	**30,678**	**36,959**	**37,797**	**38,320**	**38,879**	**39,536**	**40,214**	**40,935**	**41,701**	**42,426**
DE	446	548	594	598	602	610	618	626	637	648	660
MD	3,101	3,924	4,217	4,256	4,272	4,299	4,347	4,391	4,461	4,536	4,622
DC	764	757	638	633	627	624	624	623	625	621	617
VA	3,967	4,651	5,347	5,442	5,489	5,558	5,635	5,704	5,798	5,914	6,015
WV	1,860	1,744	1,950	1,961	1,962	1,963	1,952	1,936	1,917	1,898	1,876
NC	4,556	5,084	5,882	5,957	6,018	6,078	6,167	6,258	6,327	6,409	6,489
SC	2,383	2,591	3,122	3,186	3,220	3,252	3,296	3,333	3,381	3,426	3,470
GA	3,943	4,588	5,463	5,570	5,654	5,736	5,845	5,975	6,101	6,227	6,342
FL	4,952	6,791	9,746	10,195	10,476	10,758	11,053	11,367	11,688	12,022	12,335
E.S.C	**12,050**	**12,808**	**14,666**	**14,788**	**14,873**	**14,949**	**15,037**	**15,125**	**15,197**	**15,286**	**15,344**
KY	3,038	3,221	3,661	3,677	3,695	3,713	3,720	3,724	3,722	3,723	3,727
TN	3,567	3,926	4,591	4,639	4,667	4,690	4,728	4,766	4,800	4,855	4,895
AL	3,267	3,444	3,894	3,928	3,944	3,963	3,991	4,021	4,051	4,084	4,102
MS	2,178	2,217	2,521	2,545	2,567	2,583	2,599	2,613	2,624	2,624	2,620
W.S.C	**16,951**	**19,326**	**23,747**	**24,478**	**25,302**	**25,897**	**26,203**	**26,528**	**26,851**	**26,875**	**26,885**
AR	1,786	1,923	2,286	2,300	2,308	2,325	2,346	2,360	2,371	2,388	2,395
LA	3,257	3,645	4,206	4,300	4,384	4,441	4,462	4,484	4,497	4,448	4,408
OK	2,328	2,559	3,025	3,108	3,233	3,312	3,312	3,302	3,300	3,259	3,242
TX	9,580	11,199	14,229	14,769	15,378	15,818	16,083	16,382	16,682	16,781	16,841
Mt	**6,855**	**8,289**	**11,373**	**11,743**	**12,054**	**12,319**	**12,538**	**12,766**	**12,979**	**13,173**	**13,328**
MT	675	694	787	796	805	816	823	825	817	809	805
ID	667	713	944	964	978	988	999	1,005	1,003	1,000	1,003
WY	330	332	470	494	510	516	513	509	507	490	479
CO	1,754	2,210	2,890	2,984	3,072	3,148	3,189	3,232	3,265	3,293	3,301
NM	951	1,017	1,303	1,335	1,368	1,401	1,426	1,450	1,477	1,496	1,507
AZ	1,302	1,775	2,718	2,809	2,885	2,959	3,048	3,161	3,280	3,400	3,489
UT	891	1,059	1,461	1,516	1,559	1,595	1,623	1,644	1,664	1,680	1,690
NV	285	489	800	845	877	895	916	939	966	1,006	1,054
Pac	**21,198**	**26,549**	**31,800**	**32,568**	**33,173**	**33,772**	**34,346**	**35,020**	**35,755**	**36,524**	**37,351**
WA	2,853	3,413	4,132	4,237	4,278	4,304	4,349	4,407	4,461	4,542	4,648
OR	1,769	2,092	2,633	2,671	2,671	2,662	2,679	2,688	2,703	2,723	2,767
CA	15,717	19,971	23,668	24,263	24,780	25,305	25,776	26,353	26,997	27,653	28,314
AK	226	303	402	416	446	482	505	521	531	524	524
HI	633	770	965	980	998	1,018	1,036	1,050	1,064	1,082	1,098
PR	2,350	2,712	3,197	3,245	3,262	3,265	3,269	3,282	3,273	3,292	3,291

X Not applicable. [1] For U.S., population of U.S. has been divided by total land area. For each State and Puerto Rico, population at given census has been divided by land area as then constituted.

STATES AND PUERTO RICO: 1960 TO 1988

for area figures of States, see table 337. For composition of regions, see fig. I, inside front cover. Minus sign (–) indicates decrease. and A 195–198 for population and density, by States]

RANK				PERCENT CHANGE			POPULATION PER SQ. MILE OF LAND AREA [1]				REGION, DIVISION, AND STATE OR OTHER AREA
1960	1970	1980	1988	1960–1970	1970–1980	1980–1988	1960	1970	1980	1988	
(x)	(x)	(x)	(x)	**13.4**	**11.4**	**8.5**	**50.6**	**[2] 57.4**	**64.0**	**69.5**	**U.S.**
											Region:
(x)	(x)	(x)	(x)	9.8	.2	3.0	273.4	300.4	301.9	310.9	Northeast.
(x)	(x)	(x)	(x)	9.6	4.0	1.7	68.6	75.2	78.3	79.6	Midwest.
(x)	(x)	(x)	(x)	14.3	20.0	12.3	62.8	71.9	86.3	97.0	South.
(x)	(x)	(x)	(x)	24.2	23.9	17.4	16.0	19.9	24.6	28.9	West.
(x)	(x)	(x)	(x)	**12.7**	**4.2**	**5.0**	**166.8**	**188.1**	**196.0**	**205.7**	**N.E.**
36	38	38	38	2.6	13.2	7.2	31.3	32.1	36.3	38.9	ME
45	41	42	40	21.6	24.8	17.9	67.2	81.7	102.4	120.7	NH
47	48	48	48	14.1	15.0	9.0	42.0	47.9	55.2	60.1	VT
9	10	11	13	10.5	.8	2.7	657.3	727.0	733.3	752.7	MA
39	39	40	43	10.6	–.3	4.8	819.3	902.5	897.8	940.9	RI
25	24	25	28	19.6	2.5	4.0	520.6	623.6	637.8	663.6	CT
(x)	(x)	(x)	(x)	**8.9**	**–1.1**	**2.3**	**340.2**	**370.8**	**368.9**	**377.3**	**M.A.**
1	2	2	2	8.7	3.7	2.0	350.6	381.3	370.6	378.0	NY
8	8	9	9	18.2	2.7	4.8	805.5	953.1	986.2	1,033.9	NJ
3	3	4	5	4.3	.5	1.2	251.4	262.3	264.3	267.4	PA
(x)	(x)	(x)	(x)	**11.1**	**3.5**	**1.0**	**148.2**	**164.9**	**170.8**	**172.6**	**E.N.C.**
5	6	6	7	9.8	1.3	.5	236.6	260.0	263.3	264.7	OH
11	11	12	14	11.4	5.7	1.2	128.8	143.9	152.8	154.6	IN
4	5	5	6	10.2	2.8	1.6	180.4	199.4	205.3	208.7	IL
7	7	8	8	13.5	4.3	–.2	137.7	156.2	162.6	162.2	MI
15	16	16	17	11.8	6.5	3.2	72.6	81.1	86.5	89.2	WI
(x)	(x)	(x)	(x)	**6.1**	**5.2**	**3.3**	**30.3**	**32.1**	**33.8**	**34.9**	**W.N.C.**
18	19	21	21	11.5	7.1	5.7	43.1	48.0	51.2	54.1	MN
24	25	27	29	2.4	3.1	–2.7	49.2	50.5	52.1	50.6	IA
13	13	15	15	8.3	5.1	4.6	62.6	67.8	71.3	74.6	MO
44	45	46	46	–2.2	5.7	2.2	9.1	8.9	9.4	9.6	ND
40	44	45	45	–2.2	3.7	3.2	9.0	8.8	9.1	9.4	SD
34	35	35	36	5.2	5.7	2.1	18.4	19.4	20.5	20.9	NE
28	28	32	32	3.2	5.1	5.6	26.6	27.5	28.9	30.5	KS
(x)	(x)	(x)	(x)	**18.1**	**20.5**	**14.8**	**97.1**	**114.9**	**138.4**	**159.0**	**S.A.**
46	46	47	47	22.9	8.4	11.1	225.2	276.5	307.6	341.7	DE
21	18	18	19	26.5	7.5	9.6	313.5	396.6	428.7	469.9	MD
(x)	(x)	(x)	(x)	–.9	15.6	–3.4	12,524	12,402	10,132	9,792	DC
14	14	14	12	17.2	14.9	12.5	99.6	116.9	134.7	151.5	VA
30	34	34	34	–6.2	11.8	3.8	77.2	72.5	80.8	77.8	WV
12	12	10	10	11.6	15.7	10.3	93.2	104.1	120.4	132.9	NC
26	26	24	25	8.7	20.5	11.2	78.7	85.7	103.4	114.9	SC
16	15	13	11	16.4	19.1	16.1	67.8	79.0	94.1	109.2	GA
10	9	7	4	37.1	43.5	26.6	91.5	125.5	180.0	227.8	FL
(x)	(x)	(x)	(x)	**6.3**	**14.5**	**4.6**	**67.2**	**71.5**	**82.0**	**85.8**	**E.S.C.**
22	23	23	23	6.0	13.7	1.8	76.2	81.2	92.3	93.9	KY
17	17	17	16	10.1	16.9	6.6	86.2	94.9	111.6	118.9	TN
19	21	22	22	5.4	13.1	5.4	64.2	67.9	76.7	80.8	AL
29	29	31	31	1.8	13.7	3.9	46.0	46.9	53.4	55.5	MS
(x)	(x)	(x)	(x)	**14.0**	**22.9**	**13.2**	**39.5**	**45.2**	**55.6**	**62.9**	**W.S.C.**
31	32	33	33	7.7	18.9	4.7	34.2	37.0	43.9	46.0	AR
20	20	19	20	11.9	15.4	4.8	72.2	81.0	94.5	99.0	LA
27	27	26	27	9.9	18.2	7.2	33.8	37.2	44.1	47.2	OK
6	4	3	3	16.9	27.1	18.4	36.4	42.7	54.3	64.3	TX
(x)	(x)	(x)	(x)	**20.9**	**37.2**	**17.2**	**8.0**	**9.7**	**13.3**	**15.6**	**Mt.**
41	43	44	44	2.8	13.3	2.3	4.6	4.8	5.4	5.5	MT
42	42	41	42	6.9	32.4	6.2	8.1	8.6	11.5	12.2	ID
48	49	49	50	.6	41.3	2.1	3.4	3.4	4.8	4.9	WY
33	30	28	26	26.0	30.8	14.2	16.9	21.3	27.9	31.9	CO
37	37	37	37	6.9	28.1	15.6	7.8	8.4	10.7	12.4	NM
35	33	29	24	36.3	53.1	28.4	11.5	15.6	23.9	30.7	AZ
38	36	36	35	18.9	37.9	15.7	10.8	12.9	17.8	20.6	UT
49	47	43	41	71.6	63.8	31.7	2.6	4.4	7.3	9.6	NV
(x)	(x)	(x)	(x)	**25.2**	**19.8**	**17.5**	**23.8**	**[2] 29.7**	**35.5**	**41.7**	**Pac.**
23	22	20	18	19.6	21.1	12.5	42.8	51.2	62.1	69.9	WA
32	31	30	30	18.3	25.9	5.1	18.4	21.7	27.4	28.8	OR
2	1	1	1	27.1	18.5	19.6	100.4	127.6	151.4	181.2	CA
50	50	50	49	34.1	32.8	30.5	.4	[2] .5	.7	.9	AK
43	40	39	39	21.6	25.3	13.8	98.5	119.6	150.1	170.9	HI
(x)	(x)	(x)	(x)	15.4	17.9	3.0	686.4	792.8	924.1	951.4	PR

[2] Land area for Alaska corrected after 1970 final reports were issued.

Source: U.S. Bureau of the Census, *Census of Population: 1970,* vol. I; and *1980 Census of Population,* vol. 1, chapter A (PC80–1–A) and chapter B (PC80–1–B); and *Current Population Reports,* series P-25, Nos. 1044 and 1049.

No. 27. Components of Population Change—States: 1980–1985 and 1985–1988

[In thousands, except percent. Total resident population. For explanation of methodology, see source. For composition of regions, see fig. I, inside front cover. Minus sign (–) indicates decrease or net outmigration. See also *Historical Statistics, Colonial Times to 1970*, series C 25–75]

Region, division, and state	April 1, 1980 to July 1, 1985					July 1, 1985 to July 1, 1988				
	Net change		Births	Deaths	Net total migration [2]	Net change		Births	Deaths	Net total migration [2]
	Number	Percent [1]				Number	Percent [1]			
United States	**12,190**	**5.4**	**19,185**	**10,540**	**3,546**	**7,071**	**3.0**	**11,409**	**6,380**	**2,042**
Region:										
Northeast	726	1.5	3,533	2,480	–327	734	1.5	2,180	1,468	22
Midwest	356	.6	4,832	2,738	–1,738	656	1.1	2,694	1,617	–421
South	6,495	8.6	6,597	3,559	3,457	2,788	3.4	3,930	2,197	1,054
West	4,613	10.7	4,223	1,763	2,154	2,893	6.1	2,604	1,098	1,387
New England	**313**	**2.5**	**883**	**597**	**28**	**301**	**2.4**	**555**	**356**	**102**
Maine	39	3.5	87	56	8	41	3.6	51	34	25
New Hampshire	77	8.4	73	41	45	87	8.7	49	26	63
Vermont	23	4.6	42	24	5	23	4.2	24	14	13
Massachusetts	86	1.5	400	285	–29	66	1.1	253	169	–18
Rhode Island	19	2.1	66	49	2	26	2.7	41	29	15
Connecticut	68	2.2	215	143	–5	58	1.8	138	84	4
Middle Atlantic	**412**	**1.1**	**2,650**	**1,882**	**–355**	**432**	**1.2**	**1,625**	**1,112**	**–80**
New York	209	1.2	1,296	887	–200	142	.8	805	519	–143
New Jersey	203	2.8	519	360	43	153	2.0	333	216	37
Pennsylvania	1	(Z)	835	636	–199	137	1.2	487	377	27
East North Central	**–6**	**(–Z)**	**3,362**	**1,907**	**–1,462**	**443**	**1.1**	**1,894**	**1,129**	**–322**
Ohio	–23	–.2	855	509	–369	80	.7	478	301	–97
Indiana	10	.2	436	249	–177	57	1.0	239	148	–34
Illinois	112	1.0	959	533	–314	75	.7	541	310	–155
Michigan	–174	–1.9	725	401	–498	152	1.7	419	242	–26
Wisconsin	69	1.5	387	214	–103	79	1.7	217	127	–10
West North Central	**362**	**2.1**	**1,470**	**832**	**–276**	**213**	**1.2**	**800**	**488**	**–99**
Minnesota	115	2.8	354	176	–63	116	2.8	198	105	23
Iowa	–41	–1.4	233	143	–131	–39	–1.4	117	83	–73
Missouri	120	2.4	401	258	–23	105	2.1	227	152	30
North Dakota	32	4.9	64	29	–3	–18	–2.6	32	16	–33
South Dakota	17	2.5	67	34	–15	5	.7	35	20	–10
Nebraska	35	2.2	140	77	–28	–3	–.2	73	45	–31
Kansas	85	3.6	212	115	–13	47	1.9	117	67	–4
South Atlantic	**3,255**	**8.8**	**2,961**	**1,796**	**2,090**	**2,212**	**5.5**	**1,861**	**1,134**	**1,485**
Delaware	32	5.3	49	27	10	34	5.5	30	17	22
Maryland	174	4.1	333	182	23	231	5.3	213	114	131
District of Columbia	–15	–2.4	50	35	–29	–6	–1.0	30	22	–15
Virginia	357	6.7	426	227	159	311	5.5	266	141	186
West Virginia	–13	–.7	140	101	–52	–60	–3.1	70	60	–70
North Carolina	376	6.4	447	262	191	232	3.7	277	166	120
South Carolina	211	6.8	269	136	78	137	4.1	158	85	64
Georgia	512	9.4	480	240	273	367	6.1	301	150	216
Florida	1,621	16.6	768	585	1,438	967	8.5	515	379	831
East South Central	**459**	**3.1**	**1,197**	**706**	**–32**	**219**	**1.4**	**665**	**428**	**–18**
Kentucky	63	1.7	293	177	52	3	.1	156	105	–48
Tennessee	175	3.8	350	217	43	129	2.7	203	135	61
Alabama	128	3.3	317	188	–2	81	2.0	180	114	15
Mississippi	93	3.7	237	124	–20	6	.2	126	74	–46
West South Central	**2,781**	**11.7**	**2,439**	**1,057**	**1,399**	**357**	**1.3**	**1,404**	**634**	**–413**
Arkansas	73	3.2	186	121	8	35	1.5	104	73	4
Louisiana	278	6.6	433	189	34	76	1.7	231	111	–196
Oklahoma	277	9.2	289	152	140	–61	–1.8	150	89	–121
Texas	2,153	15.1	1,531	595	1,217	458	2.8	919	361	–100
Mountain	**1,393**	**12.2**	**1,217**	**437**	**612**	**562**	**4.4**	**704**	**276**	**134**
Montana	39	4.9	74	35	–1	–21	–2.5	38	20	–39
Idaho	61	6.4	100	37	–2	–2	–.2	49	22	–29
Wyoming	40	8.5	54	17	2	–30	–5.9	25	9	–45
Colorado	342	11.8	281	103	165	69	2.1	164	63	–32
New Mexico	147	11.3	143	48	53	57	3.9	82	31	5
Arizona	443	16.3	279	118	282	328	10.4	187	78	220
Utah	183	12.5	211	45	17	46	2.8	109	27	35
Nevada	139	17.3	75	33	97	115	12.2	49	25	90
Pacific	**3,220**	**10.1**	**3,008**	**1,326**	**1,541**	**2,331**	**6.7**	**1,901**	**822**	**1,252**
Washington	274	6.6	363	172	84	241	5.5	211	105	135
Oregon	55	2.1	215	117	–43	78	2.9	117	72	33
California	2,686	11.3	2,270	999	1,415	1,961	7.4	1,480	620	1,101
Alaska	120	29.8	60	10	70	3	.6	36	6	–27
Hawaii	85	8.9	97	28	16	48	4.6	56	18	11

Z Less than .05 percent. [1] 1980 to 1985 based on 1980 population; 1985 to 1988 based on 1985 population. [2] Comprises net immigration from abroad, net interregional, interdivisional, or interstate migration, and movement of persons in the Armed Forces.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 1044.

No. 28. Resident Population, by Age and State: 1988

[In thousands, except percent. As of July 1. Includes Armed Forces stationed in area. See text, section 1 for basis of estimates. For explanation of methodology, contact source. For composition of regions, see fig. I, inside front cover. See *Historical Statistics, Colonial Times to 1970*, series A 204-209 for decennial census data]

Region, division, and state	Total	Under 5 years	5-17 years	18-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years	75 years and over	16 years and over	Percent: Under 18 years	Percent: 65 years and over
U.S	**245,807**	**18,456**	**45,389**	**26,664**	**43,675**	**35,264**	**24,163**	**21,830**	**17,897**	**12,470**	**189,342**	**26.0**	**12.4**
Region:													
Northeast	50,595	3,487	8,589	5,477	8,624	7,257	5,249	5,044	4,028	2,839	39,995	23.9	13.6
Midwest	59,878	4,362	11,254	6,482	10,592	8,361	5,868	5,347	4,375	3,237	46,107	26.1	12.7
South	84,655	6,403	16,093	9,319	14,865	11,951	8,260	7,389	6,171	4,203	64,791	26.6	12.3
West	50,679	4,203	9,452	5,386	9,594	7,695	4,786	4,050	3,322	2,190	38,450	26.9	10.9
N. Eng	**12,963**	**893**	**2,149**	**1,451**	**2,314**	**1,903**	**1,294**	**1,222**	**1,001**	**736**	**10,298**	**23.5**	**13.4**
ME	1,205	84	220	133	206	175	117	109	92	70	940	25.2	13.4
NH	1,085	81	194	123	199	168	106	91	71	52	843	25.3	11.3
VT	557	40	101	65	103	84	52	45	37	29	433	25.3	11.8
MA	5,889	400	932	672	1,086	856	578	558	461	345	4,722	22.6	13.7
RI	993	66	164	112	176	138	94	97	85	61	791	23.1	14.7
CT	3,233	222	538	345	543	482	347	322	255	180	2,568	23.5	13.4
Mid. Atl	**37,631**	**2,595**	**6,440**	**4,025**	**6,310**	**5,354**	**3,955**	**3,822**	**3,028**	**2,103**	**29,698**	**24.0**	**13.6**
NY	17,909	1,275	3,081	1,942	3,018	2,572	1,909	1,784	1,347	981	14,072	24.3	13.0
NJ	7,721	529	1,302	820	1,279	1,137	845	799	608	401	6,119	23.7	13.1
PA	12,001	791	2,057	1,263	2,014	1,645	1,201	1,239	1,073	720	9,507	23.7	14.9
E. No. Cent	**42,119**	**3,056**	**7,958**	**4,602**	**7,445**	**5,905**	**4,170**	**3,792**	**3,055**	**2,136**	**32,428**	**26.2**	**12.3**
OH	10,855	774	2,049	1,166	1,874	1,507	1,093	1,020	820	552	8,375	26.0	12.6
IN	5,556	389	1,072	618	980	774	550	492	397	284	4,275	26.3	12.2
IL	11,614	859	2,144	1,249	2,084	1,642	1,167	1,047	831	591	8,961	25.9	12.2
MI	9,240	677	1,776	1,040	1,646	1,310	900	814	649	428	7,090	26.5	11.7
WI	4,855	357	916	530	860	673	459	420	359	282	3,728	26.2	13.2
W. No. Cent	**17,759**	**1,306**	**3,296**	**1,880**	**3,147**	**2,455**	**1,699**	**1,555**	**1,320**	**1,101**	**13,679**	**25.9**	**13.6**
MN	4,307	325	795	461	793	625	414	355	296	244	3,312	26.0	12.5
IA	2,834	191	523	300	497	383	267	250	228	194	2,203	25.2	14.9
MO	5,141	370	942	539	886	703	516	475	394	316	3,984	25.5	13.8
ND	667	52	131	73	123	89	57	53	48	42	503	27.4	13.5
SD	713	57	140	75	122	92	64	63	54	46	538	27.6	14.0
NE	1,602	120	303	170	281	219	148	140	117	104	1,227	26.4	13.8
KS	2,495	191	462	262	446	344	233	220	184	154	1,912	26.2	13.5
So. Atl	**42,426**	**3,036**	**7,517**	**4,650**	**7,331**	**6,068**	**4,290**	**3,985**	**3,346**	**2,203**	**33,148**	**24.9**	**13.1**
DE	660	48	118	75	122	90	67	64	48	29	513	25.2	11.6
MD	4,622	346	801	524	830	713	494	418	307	191	3,612	24.8	10.8
DC	617	47	91	65	126	94	62	56	45	31	494	22.3	12.4
VA	6,015	430	1,040	708	1,111	934	632	521	393	247	4,725	24.4	10.6
WV	1,876	113	364	202	311	266	181	171	158	110	1,460	25.5	14.3
NC	6,489	449	1,187	746	1,154	930	660	589	473	301	5,059	25.2	11.9
SC	3,470	259	690	408	626	490	332	287	240	139	2,636	27.3	10.9
GA	6,342	496	1,280	732	1,123	932	632	509	385	251	4,778	28.0	10.0
FL	12,335	848	1,947	1,190	1,929	1,618	1,231	1,370	1,297	904	9,870	22.7	17.8
E. So. Cent	**15,344**	**1,087**	**3,042**	**1,719**	**2,646**	**2,116**	**1,507**	**1,319**	**1,118**	**791**	**11,721**	**26.9**	**12.4**
KY	3,727	253	728	423	653	523	365	319	270	194	2,867	26.3	12.4
TN	4,895	332	921	536	853	705	503	434	359	252	3,798	25.6	12.5
AL	4,102	296	819	456	706	557	399	355	303	210	3,124	27.2	12.5
MS	2,620	206	574	304	433	330	240	211	186	135	1,931	29.8	12.3
W. So. Cent	**26,885**	**2,281**	**5,534**	**2,950**	**4,889**	**3,767**	**2,463**	**2,084**	**1,707**	**1,210**	**19,922**	**29.1**	**10.9**
AR	2,395	173	476	256	376	317	234	213	200	150	1,823	27.1	14.6
LA	4,408	372	924	504	808	593	391	336	289	190	3,250	29.4	10.9
OK	3,242	247	635	345	567	452	307	265	236	186	2,458	27.2	13.0
TX	16,841	1,488	3,498	1,844	3,138	2,406	1,532	1,270	982	684	12,390	29.6	9.9
Mt	**13,328**	**1,138**	**2,694**	**1,436**	**2,474**	**1,945**	**1,196**	**1,009**	**876**	**559**	**9,895**	**28.7**	**10.8**
MT	805	62	159	81	141	119	76	64	61	42	608	27.4	12.8
ID	1,003	81	223	104	169	151	89	68	70	48	732	30.3	11.7
WY	479	39	102	51	104	76	37	25	27	18	353	29.4	9.4
CO	3,301	264	605	358	666	546	308	240	187	127	2,526	26.3	9.5
NM	1,507	134	315	164	262	216	140	121	94	61	1,105	29.8	10.3
AZ	3,489	299	653	375	614	479	315	307	277	170	2,638	27.3	12.8
UT	1,690	177	452	195	304	204	121	95	84	57	1,116	37.3	8.4
NV	1,054	82	184	107	214	156	109	89	77	36	816	25.2	10.7
Pac	**37,351**	**3,065**	**6,759**	**3,950**	**7,120**	**5,750**	**3,590**	**3,041**	**2,446**	**1,631**	**28,555**	**26.3**	**10.9**
WA	4,648	348	842	486	889	752	434	346	329	222	3,591	25.6	11.8
OR	2,767	190	496	276	517	446	253	208	223	158	2,159	24.8	13.8
CA	28,314	2,381	5,113	2,998	5,416	4,289	2,751	2,356	1,808	1,203	21,591	26.5	10.6
AK	524	57	110	62	101	93	50	31	14	6	372	32.0	3.8
HI	1,098	89	198	128	197	170	102	101	72	42	842	26.1	10.4

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 1044.

No. 29. State Population Projections: 1989 to 2010

[As of July 1. For explanation of methodology, see text, section 1. For composition of regions, see fig. I, inside front cover. Minus sign (–) indicates decrease]

Region, division, and state	Total (1,000)						Rank				Percent change		
	1989	1990	1995	2000	2005	2010	1990	1995	2000	2010	1980–1990	1990–2000	2000–2010
U.S	**247,732**	**249,891**	**259,619**	**267,747**	**275,085**	**282,055**	(x)	(x)	(x)	(x)	**10.3**	**7.1**	**5.3**
Region:													
Northeast	50,425	50,577	51,293	51,810	52,171	52,496	(x)	(x)	(x)	(x)	2.9	2.4	1.3
Midwest	59,685	59,777	59,867	59,596	59,282	59,018	(x)	(x)	(x)	(x)	1.5	.3	-1.0
South	86,209	87,276	92,366	96,919	101,064	104,919	(x)	(x)	(x)	(x)	15.8	11.0	8.3
West	51,413	52,261	56,093	59,422	62,567	65,622	(x)	(x)	(x)	(x)	21.1	13.7	10.4
N.E	**12,992**	**13,078**	**13,466**	**13,775**	**14,023**	**14,243**	(x)	(x)	(x)	(x)	**5.9**	**5.3**	**3.4**
ME	1,203	1,212	1,247	1,271	1,290	1,308	38	39	41	41	7.8	4.9	2.9
NH	1,116	1,142	1,251	1,333	1,399	1,455	39	38	39	40	24.1	16.7	9.1
VT	557	562	579	591	600	608	49	49	49	49	9.9	5.1	2.9
MA	5,863	5,880	5,985	6,087	6,173	6,255	13	13	13	13	2.5	3.5	2.8
RI	996	1,002	1,029	1,049	1,067	1,085	43	43	42	42	5.8	4.6	3.4
CT	3,257	3,279	3,376	3,445	3,493	3,532	28	27	27	27	5.5	5.1	2.5
M.A	**37,433**	**37,499**	**37,827**	**38,035**	**38,148**	**38,253**	(x)	(x)	(x)	(x)	**1.9**	**1.4**	**.6**
NY	17,761	17,773	17,886	17,986	18,060	18,139	2	3	3	3	1.2	1.2	.8
NJ	7,827	7,899	8,252	8,546	8,779	8,980	9	9	9	10	7.3	8.2	5.1
PA	11,844	11,827	11,689	11,503	11,310	11,134	5	5	6	6	.3	–2.7	–3.2
E.N.C	**41,997**	**42,055**	**42,041**	**41,746**	**41,415**	**41,111**	(x)	(x)	(x)	(x)	**.9**	**–.7**	**-1.5**
OH	10,787	10,791	10,742	10,629	10,510	10,397	7	7	7	7	–.1	–1.5	–2.2
IN	5,542	5,550	5,545	5,502	5,454	5,409	14	14	14	17	1.1	–.9	-1.7
IL	11,599	11,612	11,625	11,580	11,531	11,495	6	6	5	5	1.6	–.3	–.7
MI	9,266	9,293	9,318	9,250	9,172	9,097	8	8	8	8	.3	–.5	–1.7
WI	4,803	4,808	4,811	4,784	4,748	4,713	17	19	19	20	2.2	–.5	–1.5
W.N.C	**17,688**	**17,722**	**17,825**	**17,850**	**17,868**	**17,907**	(x)	(x)	(x)	(x)	**3.1**	**.7**	**.3**
MN	4,298	4,324	4,426	4,490	4,535	4,578	21	21	22	22	6.1	3.8	2.0
IA	2,780	2,758	2,652	2,549	2,459	2,382	30	31	31	33	–5.3	–7.6	-6.6
MO	5,163	5,192	5,304	5,383	5,453	5,521	15	15	15	15	5.6	3.7	2.6
ND	664	660	643	629	618	611	47	47	48	48	1.1	–4.7	–3.0
SD	708	708	711	714	717	722	45	45	46	47	2.5	.8	1.2
NE	1,590	1,588	1,574	1,556	1,541	1,529	37	37	37	38	1.2	–2.0	–1.7
KS	2,485	2,492	2,515	2,529	2,545	2,564	32	32	33	32	5.4	1.5	1.4
S.A	**43,044**	**43,742**	**47,058**	**50,002**	**52,655**	**55,110**	(x)	(x)	(x)	(x)	**18.4**	**14.3**	**10.2**
DE	658	666	702	734	762	790	46	46	45	45	12.0	10.2	7.7
MD	4,665	4,729	5,025	5,274	5,490	5,688	18	17	16	14	12.1	11.5	7.8
DC	615	614	620	634	651	672	(x)	(x)	(x)	(x)	–3.8	3.2	6.0
VA	6,068	6,157	6,551	6,877	7,159	7,410	12	12	12	12	15.2	11.7	7.8
WV	1,871	1,856	1,786	1,722	1,666	1,617	34	36	36	36	–4.8	-7.3	–6.1
NC	6,602	6,690	7,106	7,483	7,831	8,154	10	11	11	11	13.7	11.8	9.0
SC	3,507	3,549	3,740	3,906	4,061	4,205	25	25	24	24	13.7	10.1	7.6
GA	6,524	6,663	7,338	7,957	8,523	9,045	11	10	10	9	22.0	19.4	13.7
FL	12,535	12,818	14,189	15,415	16,512	17,530	4	4	4	4	31.5	20.3	13.7
E.S.C	**15,505**	**15,597**	**15,979**	**16,285**	**16,573**	**16,847**	(x)	(x)	(x)	(x)	**6.3**	**4.4**	**3.5**
KY	3,742	3,745	3,745	3,733	3,721	3,710	24	24	26	26	2.3	–.3	–.6
TN	4,933	4,972	5,135	5,266	5,387	5,500	16	16	17	16	8.3	5.9	4.5
AL	4,150	4,181	4,307	4,410	4,510	4,609	22	22	23	21	7.4	5.5	4.5
MS	2,680	2,699	2,792	2,877	2,954	3,028	31	30	30	29	7.1	6.6	5.3
W.S.C	**27,660**	**27,937**	**29,329**	**30,632**	**31,837**	**32,961**	(x)	(x)	(x)	(x)	**17.6**	**9.6**	**7.6**
AR	2,414	2,427	2,482	2,529	2,576	2,624	33	33	32	31	6.1	4.2	3.7
LA	4,510	4,513	4,517	4,516	4,526	4,545	20	20	21	23	7.3	.1	.6
OK	3,285	3,285	3,318	3,376	3,440	3,511	27	28	28	28	8.6	2.8	4.0
TX	17,451	17,712	19,012	20,211	21,295	22,281	3	2	2	2	24.5	14.1	10.2
Mt	**13,759**	**13,995**	**15,082**	**16,022**	**16,877**	**17,679**	(x)	(x)	(x)	(x)	**23.1**	**14.5**	**10.3**
MT	808	805	798	794	792	794	44	44	44	44	2.4	–1.4	.1
ID	1,013	1,017	1,034	1,047	1,062	1,079	42	42	43	43	7.7	3.0	3.0
WY	503	502	495	489	487	487	50	50	50	50	6.9	–2.6	–.4
CO	3,393	3,434	3,637	3,813	3,964	4,098	26	26	25	25	18.8	11.0	7.5
NM	1,595	1,632	1,809	1,968	2,112	2,248	36	35	35	34	25.3	20.5	14.3
AZ	3,649	3,752	4,218	4,618	4,980	5,319	23	23	20	18	38.0	23.1	15.2
UT	1,750	1,776	1,893	1,991	2,083	2,171	35	34	34	35	21.6	12.1	9.0
NV	1,049	1,076	1,198	1,303	1,398	1,484	41	41	40	39	34.4	21.1	13.8
Pac	**37,654**	**38,265**	**41,011**	**43,400**	**45,691**	**47,943**	(x)	(x)	(x)	(x)	**20.3**	**13.4**	**10.5**
WA	4,612	4,657	4,841	4,991	5,136	5,282	19	18	18	19	12.7	7.2	5.8
OR	2,750	2,766	2,828	2,877	2,930	2,991	29	29	29	30	5.0	4.0	4.0
CA	28,607	29,126	31,463	33,500	35,446	37,347	1	1	1	1	23.1	15.0	11.5
AK	565	576	636	687	729	765	48	48	47	46	43.4	19.2	11.4
HI	1,121	1,141	1,243	1,345	1,449	1,559	40	40	38	37	18.2	17.9	15.9

X Not applicable.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 1017.

No. 30. Population Projections, by Age—States: 1990 and 2000

[In thousands. As of July 1. For explanation of methodology, see text, section 1. For composition of regions, see fig. I, inside front cover]

Region, division, and state	1990						2000					
	Under 5 years	5-17 years	18-24 years	25-44 years	45-64 years	65 years and over	Under 5 years	5-17 years	18-24 years	25-44 years	45-64 years	65 years and over
U.S	**18,408**	**45,629**	**25,897**	**81,555**	**46,842**	**31,559**	**16,898**	**48,815**	**24,987**	**80,793**	**61,373**	**34,882**
Region:												
Northeast	3,387	8,513	5,123	16,300	10,166	7,088	3,003	9,004	4,421	15,854	12,179	7,348
Midwest	4,494	11,114	6,112	19,203	11,120	7,735	3,820	11,167	5,535	17,626	13,535	7,913
South	6,401	16,222	9,248	28,131	16,328	10,946	6,089	17,579	9,226	28,950	22,265	12,809
West	4,126	9,781	5,415	17,921	9,228	5,790	3,985	11,064	5,806	18,363	13,393	6,811
N.E	**876**	**2,151**	**1,369**	**4,363**	**2,516**	**1,801**	**789**	**2,384**	**1,184**	**4,340**	**3,195**	**1,883**
ME	87	218	124	393	226	164	76	234	109	385	295	172
NH	85	199	122	399	207	130	82	247	114	431	309	149
VT	43	101	60	193	98	67	38	112	54	186	131	70
MA	384	931	627	1,982	1,122	834	344	1,024	534	1,946	1,383	855
RI	65	163	108	325	190	151	59	177	97	325	239	152
CT	212	539	328	1,071	672	456	190	591	277	1,066	837	485
M.A	**2,511**	**6,362**	**3,753**	**11,937**	**7,650**	**5,287**	**2,214**	**6,620**	**3,237**	**11,514**	**8,984**	**5,465**
NY	1,198	3,048	1,821	5,690	3,626	2,391	1,078	3,111	1,594	5,533	4,199	2,472
NJ	541	1,320	773	2,547	1,648	1,069	504	1,533	677	2,626	2,032	1,175
PA	772	1,993	1,159	3,700	2,376	1,827	632	1,977	966	3,356	2,753	1,819
E.N.C	**3,150**	**7,824**	**4,362**	**13,568**	**7,867**	**5,284**	**2,681**	**7,835**	**3,852**	**12,501**	**9,477**	**5,400**
OH	790	1,993	1,107	3,435	2,065	1,401	671	1,960	962	3,152	2,444	1,440
IN	414	1,042	581	1,783	1,037	692	353	1,029	514	1,635	1,254	717
IL	889	2,142	1,190	3,766	2,180	1,445	768	2,179	1,081	3,498	2,596	1,459
MI	694	1,746	1,000	3,044	1,708	1,101	588	1,759	855	2,832	2,090	1,126
WI	363	899	484	1,541	876	645	300	908	440	1,385	1,094	657
W.N.C	**1,344**	**3,290**	**1,749**	**5,635**	**3,253**	**2,451**	**1,139**	**3,333**	**1,683**	**5,124**	**4,059**	**2,514**
MN	336	795	430	1,439	774	550	289	849	412	1,339	1,021	578
IA	202	513	265	855	507	415	157	465	237	703	591	397
MO	382	948	510	1,629	995	727	336	995	492	1,552	1,245	764
ND	50	132	68	210	112	89	39	118	68	178	140	86
SD	58	142	68	214	125	101	50	143	72	194	153	102
NE	124	299	156	499	286	223	103	295	148	441	342	227
KS	193	461	251	788	453	345	166	467	252	718	567	359
S.A	**2,991**	**7,591**	**4,595**	**14,101**	**8,506**	**5,957**	**2,918**	**8,637**	**4,547**	**15,002**	**11,714**	**7,183**
DE	49	116	71	219	128	82	47	132	67	228	162	97
MD	334	815	498	1,631	922	528	316	951	459	1,709	1,232	607
DC	31	90	69	226	118	80	28	83	66	229	144	83
VA	426	1,059	693	2,129	1,174	676	403	1,204	662	2,215	1,603	790
WV	124	345	185	581	355	267	101	300	154	491	422	255
NC	447	1,188	761	2,180	1,293	821	431	1,292	742	2,283	1,746	989
SC	263	683	407	1,157	642	396	248	720	403	1,183	888	465
GA	507	1,297	749	2,230	1,202	678	531	1,525	785	2,523	1,764	828
FL	810	1,997	1,162	3,748	2,672	2,429	813	2,431	1,210	4,141	3,752	3,068
E.S.C	**1,130**	**3,006**	**1,663**	**4,919**	**2,916**	**1,964**	**1,014**	**2,997**	**1,585**	**4,765**	**3,776**	**2,148**
KY	270	709	403	1,194	698	470	234	672	368	1,088	877	494
TN	332	905	525	1,611	965	635	301	903	498	1,582	1,273	709
AL	307	812	441	1,312	780	528	276	835	421	1,290	1,003	584
MS	220	580	295	802	473	330	204	587	297	806	622	361
W.S.C	**2,281**	**5,625**	**2,989**	**9,111**	**4,906**	**3,025**	**2,157**	**5,945**	**3,095**	**9,183**	**6,776**	**3,478**
AR	174	469	238	722	464	361	154	467	230	693	600	385
LA	377	947	485	1,449	776	480	320	909	468	1,312	989	518
OK	241	632	330	1,039	616	426	212	626	336	960	792	450
TX	1,488	3,577	1,936	5,902	3,050	1,758	1,471	3,944	2,060	6,218	4,394	2,125
Mt	**1,183**	**2,818**	**1,443**	**4,667**	**2,382**	**1,503**	**1,150**	**3,162**	**1,602**	**4,744**	**3,550**	**1,816**
MT	60	160	75	262	146	101	50	148	75	228	191	102
ID	86	223	99	322	170	116	77	214	103	292	240	121
WY	44	107	50	182	76	42	37	100	52	150	110	41
CO	256	630	361	1,268	595	326	238	686	377	1,237	887	388
NM	146	341	168	533	280	165	151	418	188	588	419	203
AZ	306	709	385	1,187	670	496	313	878	434	1,313	1,024	655
UT	210	463	196	526	236	144	211	504	251	515	345	165
NV	73	184	108	388	209	113	72	214	121	422	334	140
Pac	**2,943**	**6,963**	**3,972**	**13,254**	**6,846**	**4,287**	**2,836**	**7,903**	**4,204**	**13,619**	**9,843**	**4,995**
WA	332	841	470	1,631	831	552	291	872	475	1,521	1,238	595
OR	196	496	259	956	487	371	170	507	257	852	718	372
CA	2,289	5,292	3,036	10,061	5,234	3,213	2,242	6,160	3,242	10,569	7,465	3,822
AK	54	122	70	222	87	22	59	142	76	249	132	29
HI	72	212	137	384	207	128	74	222	154	429	289	177

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 1017.

No. 31. White and Black Population Projections, by State: 1989 to 2010

[As of **July 1**. For explanation of methodology, see text, section 1. For composition of regions, see fig. I, inside front cover]

Region, division, and state	White						Black					
	Number (1,000)				Percent of total population		Number (1,000)				Percent of total population	
	1989	1990	2000	2010	1990	2000	1989	1990	2000	2010	1990	2000
U.S	**208,808**	**210,247**	**221,144**	**228,608**	**84.1**	**82.6**	**30,597**	**31,026**	**35,006**	**38,710**	**12.4**	**13.1**
Region:												
Northeast	43,672	43,714	43,880	43,582	86.4	84.7	5,635	5,705	6,363	6,941	11.3	12.3
Midwest	52,709	52,705	51,687	50,344	88.2	86.7	5,929	5,995	6,542	7,013	10.0	11.0
South	68,556	69,343	76,252	81,584	79.5	78.7	16,153	16,379	18,546	20,630	18.8	19.1
West	43,871	44,486	49,326	53,099	85.1	83.0	2,880	2,947	3,555	4,126	5.6	6.0
N.E	**12,197**	**12,263**	**12,769**	**13,058**	**93.8**	**92.7**	**594**	**605**	**702**	**786**	**4.6**	**5.1**
ME	1,188	1,197	1,252	1,285	98.7	98.5	4	4	4	5	.3	.4
NH	1,096	1,122	1,300	1,411	98.2	97.5	7	7	10	12	.6	.8
VT	550	555	580	594	98.7	98.2	2	2	3	3	.4	.5
MA	5,475	5,482	5,595	5,668	93.2	91.9	280	284	327	367	4.8	5.4
RI	939	943	974	995	94.1	92.9	37	38	45	51	3.8	4.3
CT	2,948	2,964	3,069	3,104	90.4	89.1	264	269	313	348	8.2	9.1
M.A	**31,475**	**31,451**	**31,110**	**30,524**	**83.9**	**81.8**	**5,040**	**5,100**	**5,661**	**6,155**	**13.6**	**14.9**
NY	14,375	14,338	14,062	13,764	80.7	78.2	2,824	2,858	3,180	3,462	16.1	17.7
NJ	6,492	6,531	6,855	6,998	82.7	80.2	1,111	1,134	1,349	1,540	14.4	15.8
PA	10,608	10,582	10,193	9,762	89.5	88.6	1,105	1,108	1,131	1,153	9.4	9.8
E.N.C	**36,267**	**36,247**	**35,281**	**34,061**	**86.2**	**84.5**	**5,056**	**5,113**	**5,584**	**5,987**	**12.2**	**13.4**
OH	9,510	9,501	9,226	8,891	88.0	86.8	1,177	1,188	1,274	1,349	11.0	12.0
IN	5,027	5,028	4,922	4,777	90.6	89.5	463	469	513	551	8.4	9.3
IL	9,456	9,443	9,173	8,879	81.3	79.2	1,851	1,869	2,029	2,164	16.1	17.5
MI	7,770	7,774	7,543	7,223	83.7	81.5	1,337	1,355	1,497	1,617	14.6	16.2
WI	4,502	4,501	4,417	4,291	93.6	92.3	227	231	273	308	4.8	5.7
W.N.C	**16,442**	**16,457**	**16,405**	**16,283**	**92.9**	**91.9**	**874**	**882**	**958**	**1,026**	**5.0**	**5.4**
MN	4,117	4,138	4,250	4,285	95.7	94.7	66	67	77	86	1.6	1.7
IA	2,704	2,681	2,462	2,286	97.2	96.6	51	52	58	63	1.9	2.3
MO	4,551	4,573	4,705	4,787	88.1	87.4	554	559	600	639	10.8	11.2
ND	631	627	592	567	95.0	94.0	3	3	4	4	.5	.6
SD	643	642	635	628	90.7	89.0	2	2	2	3	.3	.3
NE	1,513	1,510	1,470	1,435	95.1	94.5	54	54	58	61	3.4	3.7
KS	2,283	2,286	2,292	2,297	91.7	90.6	144	145	158	170	5.8	6.2
S.A	**33,332**	**33,842**	**38,277**	**41,615**	**77.4**	**76.6**	**9,007**	**9,164**	**10,673**	**12,123**	**21.0**	**21.3**
DE	524	528	561	584	79.4	76.5	123	126	155	183	18.9	21.1
MD	3,322	3,352	3,597	3,748	70.9	68.2	1,205	1,233	1,469	1,669	26.1	27.9
DC	184	184	193	203	30.0	30.5	423	421	430	455	68.6	67.8
VA	4,775	4,840	5,346	5,680	78.6	77.7	1,154	1,171	1,332	1,481	19.0	19.4
WV	1,806	1,792	1,664	1,562	96.5	96.6	55	54	45	41	2.9	2.6
NC	5,005	5,071	5,653	6,114	75.8	75.5	1,463	1,480	1,641	1,795	22.1	21.9
SC	2,421	2,451	2,694	2,888	69.1	69.0	1,055	1,067	1,170	1,265	30.1	30.0
GA	4,704	4,803	5,698	6,392	72.1	71.6	1,752	1,789	2,151	2,508	26.9	27.0
FL	10,591	10,820	12,870	14,446	84.4	83.5	1,778	1,823	2,279	2,728	14.2	14.8
E.S.C	**12,301**	**12,364**	**12,782**	**13,083**	**79.3**	**78.5**	**3,096**	**3,122**	**3,354**	**3,575**	**20.0**	**20.6**
KY	3,443	3,444	3,414	3,370	92.0	91.5	278	280	294	310	7.5	7.9
TN	4,097	4,127	4,331	4,479	83.0	82.2	801	810	887	960	16.3	16.8
AL	3,054	3,076	3,225	3,346	73.6	73.1	1,063	1,071	1,136	1,199	25.6	25.8
MS	1,706	1,717	1,812	1,888	63.6	63.0	954	962	1,037	1,106	35.6	36.1
W.S.C	**22,924**	**23,137**	**25,192**	**26,886**	**82.8**	**82.2**	**4,049**	**4,093**	**4,520**	**4,932**	**14.6**	**14.8**
AR	2,000	2,011	2,093	2,166	82.9	82.8	385	387	398	410	15.9	15.7
LA	3,073	3,065	2,978	2,925	67.9	65.9	1,371	1,380	1,452	1,515	30.6	32.1
OK	2,795	2,789	2,810	2,858	84.9	83.2	222	223	231	242	6.8	6.8
TX	15,056	15,272	17,311	18,937	86.2	85.7	2,071	2,104	2,439	2,765	11.9	12.1
Mt	**12,672**	**12,876**	**14,572**	**15,871**	**92.0**	**90.9**	**348**	**356**	**432**	**498**	**2.5**	**2.7**
MT	755	752	734	727	93.4	92.5	2	2	2	2	.2	.2
ID	986	989	1,013	1,037	97.3	96.7	4	4	6	7	.4	.5
WY	485	483	467	460	96.3	95.4	4	4	4	4	.8	.8
CO	3,174	3,211	3,535	3,769	93.5	92.7	130	133	156	177	3.9	4.1
NM	1,404	1,436	1,711	1,922	88.0	87.0	28	29	34	38	1.7	1.7
AZ	3,278	3,369	4,108	4,667	89.8	89.0	97	99	123	144	2.7	2.7
UT	1,667	1,692	1,879	2,031	95.2	94.4	12	12	13	14	.7	.7
NV	922	944	1,125	1,259	87.8	86.3	72	74	94	112	6.9	7.2
Pac	**31,199**	**31,609**	**34,754**	**37,228**	**82.6**	**80.1**	**2,532**	**2,591**	**3,123**	**3,627**	**6.8**	**7.2**
WA	4,216	4,251	4,488	4,677	91.3	89.9	113	114	116	121	2.4	2.3
OR	2,596	2,607	2,674	2,743	94.3	92.9	44	44	50	55	1.6	1.7
CA	23,570	23,920	26,641	28,792	82.1	79.5	2,335	2,392	2,909	3,399	8.2	8.7
AK	439	447	519	554	77.5	75.6	19	20	23	25	3.4	3.4
HI	379	385	432	462	33.7	32.1	21	21	24	27	1.8	1.8

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 1017.

No. 32. Metropolitan and Nonmetropolitan Area Population: 1960 to 1988

[Metropolitan areas as defined by Office of Management and Budget as of year shown, except as noted. See headnote, table 33]

ITEM	1960	1970	1980 [1] (SMSA's)	MSA'S AND CMSA'S [2]				
				1980	1985	1986	1987	1988
Metropolitan areas: Number of areas	212	243	318	283	283	283	283	283
Population (1,000)	112,885	139,480	169,431	172,602	182,825	185,123	187,292	189,413
Percent change over previous year shown	[3] 33.0	23.6	21.5	(x)	5.9	1.3	1.2	1.1
Percent of total U.S. population	63.0	68.6	74.8	76.2	76.6	76.8	76.9	77.1
Land area, percent of U.S. land area	8.7	10.9	16.0	16.3	16.3	16.3	16.3	16.3
Nonmetropolitan areas, population (1,000)	66,438	63,822	57,115	53,940	55,874	55,981	56,125	56,390

X Not applicable. [1] SMSA=standard metropolitan statistical area. Areas are as defined June 30, 1981. [2] Areas are as defined June 30, 1989. [3] Percent change from 1950.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960 and 1970; 1980 Census of Population*, vol. I, chapter A (PC80-1-A) and *Supplementary Report, Metropolitan Statistical Areas* (PC80-S1-18); *Current Population Reports*, series P-26, No. 85-AL-C to 85-WY-C and series P-25, No. 1039; and press release (CB89-145).

No. 33. Number and Population of Metropolitan Areas, by Population Size-Class in 1980: 1970 to 1988

[As of **April 1; except 1988,** as of **July 1.** Data exclude Puerto Rico. CMSA=consolidated metropolitan statistical area. MSA-metropolitan statistical area. PMSA-primary metropolitan statistical area. Areas are as defined by U.S. Office of Management and Budget, June 30, 1989. For definitions, see Appendix II. See also *Historical Statistics, Colonial Times to 1970*, series A 264-275]

LEVEL AND POPULATION SIZE-CLASS OF METROPOLITAN AREA IN **1980**	CMSA'S AND MSA'S					MSA'S AND PMSA'S				
	Number, **1989**	Population, **1970** (mil.)	Population, **1980** (mil.)	Population, **1988**		Number, **1989**	Population, **1970** (mil.)	Population, **1980** (mil.)	Population, **1988**	
				Total (mil.)	Percent in each class				Total (mil.)	Percent in each class
Total, all metropolitan areas	**283**	**156.1**	**172.6**	**189.4**	**100.0**	**334**	**156.1**	**172.6**	**189.4**	**100.0**
Level A (1,000,000 or more)	35	100.1	107.8	118.2	62.4	41	86.4	92.6	101.6	53.7
2,500,000 or more	12	67.6	71.5	77.7	41.0	9	42.0	42.4	45.1	23.8
1,000,000-2,499,999	23	32.4	36.3	40.6	21.4	32	44.4	50.2	56.5	29.8
Level B (250,000-999,999)	90	37.5	43.1	47.5	25.1	115	48.4	55.0	60.6	32.0
500,000-999,999	33	20.4	23.3	25.8	13.6	43	26.9	30.3	33.5	17.7
250,000-499,999	57	17.1	19.8	21.7	11.5	72	21.5	24.7	27.1	14.3
Level C (100,000-249,999)	125	16.0	18.9	20.6	10.9	143	18.8	22.1	23.9	12.6
Level D (less than 100,000)	33	2.4	2.8	3.1	1.6	35	2.6	3.0	3.3	1.7

Source: U.S. Bureau of the Census, *1980 Census of Population, Supplementary Report, Metropolitan Statistical Areas* (PC80-S1-18); and press release (CB89-145).

No. 34. Resident Population in Counties Within 50 Miles of Coastal Shorelines: 1960 to 1988

[Enumerated population as of **April 1,** except **1988,** estimated as of **July 1.** Excludes Alaska and Hawaii. Covers 611 counties and independent cities which are entirely or substantially within 50 miles of U.S. coastal shorelines. Great Lakes region includes St. Lawrence River]

YEAR	Conterminous U.S., total	COUNTIES IN COASTAL REGIONS					Balance of conterminous U.S.
		Total	Atlantic	Pacific	Great Lakes	Gulf of Mexico	
Land area, 1980 (1,000 sq. mi.)	2,962	467	122	118	134	94	2,495
POPULATION							
1960 (mil.)	178.5	92.7	41.7	16.8	26.4	7.8	85.7
1970 (mil.)	202.2	108.5	48.2	21.5	29.3	9.5	93.8
1980 (mil.)	225.2	118.4	50.7	25.4	29.8	12.6	106.7
1988 (mil.)	244.2	129.5	55.0	30.0	29.9	14.7	114.6
1960 (percent)	100.0	51.9	23.4	9.4	14.8	4.4	48.0
1970 (percent)	100.0	53.7	23.8	10.6	14.5	4.7	46.4
1980 (percent)	100.0	52.6	22.5	11.3	13.2	5.6	47.4
1988 (percent)	100.0	53.1	22.5	12.3	12.2	6.0	46.9

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-26, No. 88-A.

No. 35. Metropolitan and Nonmetropolitan Area Population—States: 1970 to 1988

[1970 and 1980, as of April 1; 1988 as of July 1. Excludes Armed Forces abroad. Refers to 263 metropolitan statistical areas and 20 consolidated metropolitan statistical areas as defined by U.S. Office of Management and Budget, June 30, 1989; see Appendix II. For explanation of average annual percent change, see Guide to Tabular Presentation. For composition of regions, see fig. I, inside front cover. Minus sign (–) indicates decrease]

Region, division, and state	Metropolitan area population							Nonmetropolitan area population						
	Total (1,000)			Average annual percent change		Percent of State		Total (1,000)			Average annual percent change		Percent of State	
	1970	1980	1988	1970–1980	1980–1988	1970	1988	1970	1980	1988	1970–1980	1980–1988	1970	1988
U.S.	**156,085**	**172,602**	**189,413**	**1.0**	**1.1**	**76.8**	**77.1**	**47,217**	**53,940**	**56,390**	**1.3**	**.5**	**23.2**	**22.9**
Region:														
Northeast	43,890	43,439	44,655	–.1	.3	89.5	88.3	5,171	5,698	5,941	.9	.5	10.5	11.7
Midwest	40,487	41,581	42,601	.3	.3	71.5	71.1	16,103	17,286	17,278	.7	–	28.5	28.9
South	42,387	51,606	59,529	2.0	1.7	67.5	70.3	20,426	23,761	25,121	1.5	.7	32.5	29.7
West	29,320	35,976	42,628	2.0	2.1	84.2	84.1	5,518	7,195	8,050	2.7	1.4	15.8	15.9
N. Eng	**9,822**	**10,020**	**10,421**	**.2**	**.5**	**82.9**	**80.4**	**2,026**	**2,329**	**2,542**	**1.4**	**1.1**	**17.1**	**19.6**
ME	365	405	435	1.0	.9	36.8	36.1	628	720	771	1.4	.8	63.2	63.9
NH	404	511	611	2.3	2.2	54.8	56.3	333	410	474	2.1	1.8	45.2	43.7
VT	99	115	129	1.5	1.4	22.3	23.2	346	396	428	1.4	.9	77.7	76.8
MA	5,266	5,231	5,334	–.1	.2	92.6	90.6	423	506	555	1.8	1.1	7.4	9.4
RI	868	878	920	.1	.6	91.4	92.6	82	69	73	–1.7	.7	8.6	7.4
CT	2,819	2,879	2,992	.2	.5	93.0	92.6	213	228	241	.7	.6	7.0	7.4
Mid. Atl	**34,068**	**33,420**	**34,233**	**–.2**	**.3**	**91.5**	**91.0**	**3,145**	**3,368**	**3,399**	**.7**	**.1**	**8.5**	**9.0**
NY	16,795	16,016	16,341	–.5	.2	92.1	91.2	1,447	1,542	1,569	.6	.2	7.9	8.8
NJ	7,171	7,365	7,721	.3	.6	100.0	100.0	–	–	–	–	–	–	–
PA	10,102	10,038	10,172	–.1	.2	85.6	84.8	1,698	1,826	1,830	.7	–	14.4	15.2
E. No. Cent	**31,621**	**32,204**	**32,548**	**.2**	**.1**	**78.5**	**77.3**	**8,642**	**9,479**	**9,573**	**.9**	**.1**	**21.5**	**22.7**
OH	8,565	8,521	8,563	–.1	.1	80.4	78.9	2,092	2,277	2,292	.8	.1	19.6	21.1
IN	3,551	3,719	3,784	.5	.2	68.4	68.1	1,644	1,771	1,773	.7	–	31.6	31.9
IL	9,125	9,340	9,587	.2	.3	82.1	82.5	1,986	2,088	2,028	.5	–.4	17.9	17.5
MI	7,361	7,480	7,385	.2	–.2	82.9	79.9	1,521	1,782	1,855	1.6	.5	17.1	20.1
WI	3,019	3,145	3,229	.4	.3	68.3	66.5	1,399	1,561	1,625	1.1	.5	31.7	33.5
W. No. Cent	**8,867**	**9,376**	**10,054**	**.6**	**.8**	**54.3**	**56.6**	**7,461**	**7,808**	**7,706**	**.5**	**–.2**	**45.7**	**43.4**
MN	2,434	2,621	2,868	.7	1.1	63.9	66.6	1,373	1,455	1,439	.6	–.1	36.1	33.4
IA	1,154	1,223	1,230	.6	.1	40.8	43.4	1,671	1,691	1,603	.1	–.6	59.2	56.6
MO	3,170	3,226	3,396	.2	.6	67.8	66.0	1,508	1,690	1,746	1.1	.4	32.2	34.0
ND	196	234	256	1.8	1.1	31.7	38.4	422	418	411	.1	–.2	68.3	61.6
SD	155	180	208	1.5	1.7	23.2	29.1	512	511	506	–	–.1	76.8	70.9
NE	650	708	762	.9	.9	43.8	47.6	835	862	840	.3	–.3	56.2	52.4
KS	1,109	1,184	1,333	.7	1.4	49.3	53.4	1,140	1,180	1,162	.3	–.2	50.7	46.6
So. Atl	**22,051**	**26,777**	**31,373**	**1.9**	**1.9**	**71.9**	**74.0**	**8,628**	**10,181**	**11,051**	**1.7**	**1.0**	**28.1**	**26.0**
DE	386	398	435	.3	1.1	70.4	65.9	162	196	225	1.9	1.7	29.6	34.1
MD	3,668	3,920	4,296	.7	1.1	93.5	92.9	255	297	326	1.5	1.1	6.5	7.1
DC	757	638	617	–1.7	–.4	100.0	100.0	–	–	–	–	–	–	–
VA	3,279	3,745	4,342	1.3	1.8	70.5	72.2	1,373	1,601	1,673	1.5	.5	29.5	27.8
WV	683	718	685	.5	–.6	39.1	36.5	1,061	1,232	1,192	1.5	–.4	60.9	63.5
NC	2,755	3,203	3,594	1.5	1.4	54.2	55.4	2,330	2,677	2,894	1.4	.9	45.8	44.6
SC	1,504	1,866	2,099	2.2	1.4	58.0	60.5	1,087	1,254	1,370	1.4	1.1	42.0	39.5
GA	2,807	3,403	4,111	1.9	2.3	61.2	64.8	1,781	2,060	2,230	1.5	1.0	38.8	35.2
FL	6,213	8,884	11,195	3.6	2.8	91.5	90.8	578	863	1,140	4.0	3.4	8.5	9.2
E. So. Cent	**7,018**	**8,023**	**8,568**	**1.3**	**.8**	**54.8**	**55.8**	**5,790**	**6,643**	**6,776**	**1.4**	**.2**	**45.2**	**44.2**
KY	1,550	1,676	1,717	.8	.3	48.1	46.1	1,671	1,984	2,009	1.7	.2	51.9	53.9
TN	2,630	3,048	3,283	1.5	.9	67.0	67.1	1,296	1,543	1,612	1.7	.5	33.0	32.9
AL	2,274	2,583	2,768	1.3	.8	66.0	67.5	1,171	1,311	1,335	1.2	.2	34.0	32.5
MS	564	716	799	2.4	1.3	25.5	30.5	1,653	1,805	1,821	.9	.1	74.5	69.5
W. So. Cent	**13,318**	**16,806**	**19,589**	**2.3**	**1.9**	**68.9**	**72.9**	**6,008**	**6,938**	**7,293**	**1.4**	**.6**	**31.1**	**27.1**
AR	730	885	950	1.9	.9	38.0	39.7	1,193	1,401	1,445	1.6	.4	62.0	60.3
LA	2,439	2,893	3,050	1.7	.6	66.9	69.2	1,205	1,313	1,358	.9	.4	33.1	30.8
OK	1,432	1,724	1,905	1.9	1.2	56.0	58.8	1,127	1,301	1,337	1.4	.3	44.0	41.2
TX	8,716	11,304	13,684	2.6	2.3	77.8	81.3	2,483	2,921	3,153	1.6	.9	22.2	18.7
Mt	**5,155**	**7,264**	**8,815**	**3.4**	**2.3**	**62.2**	**66.1**	**3,135**	**4,107**	**4,512**	**2.7**	**1.1**	**37.8**	**33.9**
MT	169	189	195	1.1	.4	24.4	24.2	525	598	610	1.3	.2	75.6	75.8
ID	112	173	201	4.3	1.8	15.7	20.0	601	771	802	2.5	.5	84.3	80.0
WY	108	141	140	2.7	–.1	32.4	29.2	225	329	339	3.8	.4	67.6	70.8
CO	1,772	2,326	2,698	2.7	1.8	80.2	81.7	438	563	604	2.5	.8	19.8	18.3
NM	456	610	738	2.9	2.3	44.8	48.9	562	694	769	2.1	1.3	55.2	51.1
AZ	1,323	2,041	2,666	4.3	3.2	74.5	76.4	453	676	822	4.0	2.4	25.5	23.6
UT	822	1,128	1,308	3.2	1.8	77.6	77.4	238	333	382	3.4	1.7	22.4	22.6
NV	394	657	871	5.1	3.4	80.7	82.6	94	144	183	4.2	2.9	19.3	17.4
Pac	**24,165**	**28,712**	**33,813**	**1.7**	**2.0**	**91.0**	**90.5**	**2,383**	**3,088**	**3,538**	**2.6**	**1.6**	**9.0**	**9.5**
WA	2,752	3,322	3,791	1.9	1.6	80.6	81.6	661	810	856	2.0	.7	19.4	18.4
OR	1,415	1,763	1,874	2.2	.7	67.7	67.7	676	870	893	2.5	.3	32.3	32.3
CA	19,241	22,689	27,091	1.6	2.1	96.3	95.7	730	979	1,223	2.9	2.7	3.7	4.3
AK	126	174	219	3.2	2.7	41.8	41.7	176	227	306	2.6	3.6	58.2	58.3
HI	631	763	838	1.9	1.1	81.9	76.3	139	202	260	3.7	3.0	18.1	23.7

– Represents or rounds to zero.

Source: U.S. Bureau of the Census, *1980 Census of Population, Supplementary Report, Metropolitan Statistical Areas,* PC80–S1–18; *Current Population Reports,* series P–25, No. 1039; and press release (CB89–145).

NO. 36. METROPOLITAN STATISTICAL AREAS—POPULATION, 1970 TO 1988, AND HOUSEHOLDS, 1988

[1970 and 1980, as of April 1; 1985 and 1988 as of July 1. Covers 20 consolidated metropolitan statistical areas (CMSAs), their 71 component primary metropolitan statistical areas (PMSAs), and the remaining 111 MSA's with 250,000 and over population in 1988 as defined by the U.S. Office of Management and Budget as of June 30, 1989. Figures for 1970 include corrections. Rank based on unrounded figures for CMSAs and MSAs only. For definitions and components of all MSAs and population and households of NECMAs (New England County Metropolitan Areas), see Appendix II. For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (–) indicates decrease]

METROPOLITAN STATISTICAL AREA	POPULATION								Households,[1] 1988 (1,000)
	1970 (1,000)	1980 (1,000)	1985 (1,000)	1988 (1,000)	Rank		Average annual percent change		
					1980	1988	1970–1980	1980–1988	
Albany-Schenectady-Troy, NY MSA	811	836	839	851	46	48	.3	.2	325
Albuquerque, NM MSA	316	420	464	493	80	75	2.8	1.9	192
Allentown-Bethlehem, PA-NJ MSA	594	635	651	677	54	56	.7	.8	261
Appleton-Oshkosh-Neenah, WI MSA	277	291	305	313	107	112	.5	.9	116
Atlanta, GA MSA	1,684	2,138	2,469	2,737	16	13	2.4	3.0	1,034
Atlantic City, NJ MSA	235	276	294	309	113	114	1.6	1.4	124
Augusta, GA-SC MSA	291	346	380	396	95	89	1.7	1.7	145
Austin, TX MSA	360	537	701	748	63	52	4.0	4.0	287
Bakersfield, CA MSA	330	403	480	520	84	71	2.0	3.1	183
Baltimore, MD MSA	2,089	2,200	2,252	2,342	15	18	.5	.8	867
Baton Rouge, LA MSA	376	494	543	537	69	68	2.7	1.0	189
Beaumont-Port Arthur, TX MSA	348	375	382	364	88	98	.8	–.3	136
Binghamton, NY MSA	268	263	262	260	123	128	–.2	–.1	99
Birmingham, AL MSA	794	884	905	923	42	46	1.1	.5	357
Boston-Lawrence-Salem, MA-NH CMSA	3,939	3,972	4,052	4,110	7	7	.1	.4	(NA)
Boston, MA PMSA	2,887	2,806	2,832	2,845	(x)	(x)	–.3	.2	(NA)
Brockton, MA PMSA	163	183	186	187	(x)	(x)	1.2	.3	(NA)
Lawrence-Haverhill, MA-NH PMSA	301	339	362	381	(x)	(x)	1.2	1.4	(NA)
Lowell, MA-NH PMSA	225	243	253	262	(x)	(x)	.8	.9	(NA)
Nashua, NH PMSA	100	143	159	177	(x)	(x)	3.5	2.6	(NA)
Salem-Gloucester, MA PMSA	263	258	259	259	(x)	(x)	–.2	(z)	(NA)
Brownsville-Harlingen, TX MSA	140	210	252	264	138	124	4.1	2.8	76
Buffalo-Niagara Falls, NY CMSA	1,349	1,243	1,185	1,176	29	33	–.8	–.7	441
Buffalo, NY PMSA	1,113	1,015	968	959	(x)	(x)	–.9	–.7	360
Niagara Falls, NY PMSA	236	227	217	217	(x)	(x)	.4	–.6	81
Canton, OH MSA	394	404	401	401	83	88	.3	–.1	149
Charleston, SC MSA	336	430	477	511	77	73	2.5	2.1	177
Charleston, WV MSA	257	270	267	261	118	126	.5	–.4	107
Charlotte-Gastonia-Rock Hill, NC-SC MSA	840	971	1,053	1,112	36	35	1.4	1.6	421
Chattanooga, TN-GA MSA	371	427	425	438	78	81	1.4	.3	167
Chicago-Gary-Lake County (IL), IL-IN-WI CMSA	7,779	7,937	8,081	8,181	3	3	.2	.4	2,990
Aurora-Elgin, IL PMSA	277	316	336	355	(x)	(x)	1.3	1.4	128
Chicago, IL PMSA	6,093	6,060	6,170	6,216	(x)	(x)	–.1	.3	2,303
Gary-Hammond, IN PMSA	633	643	620	612	(x)	(x)	.1	–.6	218
Joliet, IL PMSA	274	355	365	379	(x)	(x)	2.6	.8	129
Kenosha, WI PMSA	118	123	121	123	(x)	(x)	.4	–.1	45
Lake County, IL PMSA	383	440	469	495	(x)	(x)	1.4	1.4	167
Cincinnati-Hamilton, OH-KY-IN CMSA	1,613	1,660	1,681	1,728	20	23	.3	.5	648
Cincinnati, OH-KY-IN PMSA	1,387	1,401	1,413	1,449	(x)	(x)	.1	.4	547
Hamilton-Middletown, OH PMSA	226	259	268	280	(x)	(x)	1.3	.9	101
Cleveland-Akron-Lorain, OH CMSA	3,000	2,834	2,773	2,769	11	12	–.6	–.3	1,066
Akron, OH PMSA	679	660	645	653	(x)	(x)	–.3	–.1	246
Cleveland, OH PMSA	2,064	1,899	1,857	1,845	(x)	(x)	–.8	–.3	723
Lorain-Elyria, OH PMSA	257	275	270	270	(x)	(x)	.7	–.2	97
Colorado Springs, CO MSA	236	309	367	394	105	92	2.7	2.9	150
Columbia, SC MSA	323	410	436	456	82	78	2.4	1.3	170
Columbus, OH MSA	1,149	1,244	1,287	1,344	28	29	.8	.9	517
Corpus Christi, TX MSA	285	326	359	358	99	100	1.4	1.1	120
Dallas-Fort Worth, TX CMSA	2,352	2,931	3,517	3,766	10	8	2.2	3.0	1,409
Dallas, TX PMSA	1,556	1,957	2,329	2,475	(x)	(x)	2.3	2.8	935
Fort Worth-Arlington, TX PMSA	795	973	1,188	1,291	(x)	(x)	2.0	3.4	474
Davenport-Rock Island-Moline, IA-IL MSA	363	384	377	364	86	97	.6	–.7	142
Dayton-Springfield, OH MSA	975	942	931	948	39	44	–.3	.1	365
Daytona Beach, FL MSA	169	259	311	348	124	105	4.2	3.6	148
Denver-Boulder, CO CMSA	1,238	1,618	1,828	1,858	21	22	2.7	1.7	758
Boulder-Longmont, CO PMSA	132	190	213	218	(x)	(x)	3.6	1.7	86
Denver, CO PMSA	1,106	1,429	1,615	1,640	(x)	(x)	2.6	1.7	672
Des Moines, IA MSA	340	368	380	392	89	93	.8	.8	158
Detroit-Ann Arbor, MI CMSA	4,788	4,753	4,592	4,620	6	6	–.1	–.3	1,727
Ann Arbor, MI PMSA	234	265	262	268	(x)	(x)	1.2	.1	101
Detroit, MI PMSA	4,554	4,488	4,330	4,352	(x)	(x)	–.1	–.4	1,626
El Paso, TX MSA	359	480	546	586	70	67	2.9	2.4	174
Erie, PA MSA	264	280	279	277	111	121	.6	–.1	104
Eugene-Springfield, OR MSA	215	275	264	270	115	122	2.5	–.2	107
Evansville, IN-KY MSA	255	276	282	281	114	120	.8	.2	110
Fayetteville, NC MSA	212	247	256	256	127	130	1.5	.4	88
Flint, MI MSA	446	450	434	431	73	82	.1	–.5	162
Fort Myers-Cape Coral, FL MSA	105	205	267	309	140	115	6.7	5.0	132
Fort Wayne, IN MSA	335	354	352	367	93	96	.6	.4	134
Fresno, CA MSA	413	515	576	615	67	64	2.2	2.2	220

See footnotes at end of table.

No. 36. Metropolitan Statistical Areas—Population, 1970 to 1988, and Households, 1988—Continued

[See headnote, p. 29]

Metropolitan Statistical Area	Population 1970 (1,000)	1980 (1,000)	1985 (1,000)	1988 (1,000)	Rank 1980	Rank 1988	Average annual percent change 1970–1980	1980–1988	Households,[1] 1988 (1,000)
Grand Rapids, MI MSA	539	602	634	665	56	57	1.1	1.2	243
Greensboro-Winston-Salem-High Point, NC MSA	743	852	894	925	44	45	1.4	1.0	362
Greenville-Spartanburg, SC MSA	473	569	600	621	59	62	1.8	1.0	237
Harrisburg-Lebanon-Carlisle, PA MSA	510	555	574	591	62	66	.8	.7	228
Hartford-New Britain-Middletown, CT CMSA	1,000	1,014	1,037	1,068	35	36	.1	.6	(NA)
Bristol, CT PMSA	70	74	76	79	(x)	(x)	.5	.8	(NA)
Hartford, CT PMSA	711	716	734	755	(x)	(x)	.1	.7	(NA)
Middletown, CT PMSA	74	82	84	86	(x)	(x)	1.0	.6	(NA)
New Britain, CT PMSA	145	142	144	148	(x)	(x)	−.2	.4	(NA)
Honolulu, HI MSA	631	763	811	838	47	50	1.9	1.1	268
Houston-Galveston-Brazoria, TX CMSA	2,169	3,101	3,618	3,641	9	10	3.6	2.0	1,320
Brazoria, TX PMSA	108	170	187	185	(x)	(x)	4.5	1.0	64
Galveston-Texas City, TX PMSA	170	196	213	210	(x)	(x)	1.4	.9	79
Houston, TX PMSA	1,891	2,736	3,218	3,247	(x)	(x)	3.7	2.1	1,177
Huntington-Ashland, WV-KY-OH MSA	307	336	331	322	97	111	.9	−.5	124
Indianapolis, IN MSA	1,111	1,167	1,203	1,237	30	32	.5	.7	466
Jackson, MS MSA	289	362	388	396	92	90	2.3	1.1	142
Jacksonville, FL MSA	613	722	825	898	50	47	1.6	2.6	349
Johnson City-Kingsport-Bristol, TN-VA MSA	374	434	442	442	76	80	1.5	.2	171
Johnstown, PA MSA	263	265	256	251	121	131	.1	−.7	94
Kansas City, MO-KS MSA	1,373	1,433	1,499	1,575	25	24	.4	1.1	599
Knoxville, TN MSA	477	566	589	600	60	65	1.7	.7	237
Lakeland-Winter Haven, FL MSA	229	322	368	396	101	91	3.4	2.5	151
Lancaster, PA MSA	320	362	387	414	91	85	1.2	1.6	149
Lansing-East Lansing, MI MSA	378	420	417	428	81	83	1.0	.2	157
Las Vegas, NV MSA	273	463	551	631	72	60	5.3	3.8	262
Lexington-Fayette, KY MSA	267	318	334	348	103	106	1.7	1.1	132
Little Rock-North Little Rock, AR MSA	381	474	499	513	71	72	2.2	.9	192
Los Angeles-Anaheim-Riverside, CA CMSA	9,981	11,498	12,759	13,770	2	2	1.4	2.2	4,999
Anaheim-Santa Ana, CA PMSA	1,421	1,933	2,127	2,257	(x)	(x)	3.1	1.9	808
Los Angeles-Long Beach, CA PMSA	7,042	7,478	8,131	8,588	(x)	(x)	.6	1.7	3,162
Oxnard-Ventura, CA PMSA	378	529	601	647	(x)	(x)	3.4	2.4	213
Riverside-San Bernardino, CA PMSA	1,139	1,558	1,901	2,278	(x)	(x)	3.1	4.6	816
Louisville, KY-IN MSA	907	957	964	967	38	42	.5	.1	363
Macon-Warner Robins, GA MSA	235	264	280	287	122	118	1.2	1.0	104
Madison, WI MSA	290	324	341	353	100	102	1.1	1.1	142
McAllen-Edinburg-Mission, TX MSA	182	283	355	388	110	95	4.4	3.8	104
Melbourne-Titusville-Palm Bay, FL MSA	230	273	348	388	116	94	1.7	4.3	157
Memphis, TN-AR-MS MSA	834	913	950	979	40	39	.9	.8	357
Miami-Fort Lauderdale, FL CMSA	1,888	2,644	2,865	3,001	12	11	3.4	1.5	1,237
Fort Lauderdale-Hollywood-Pompano Beach, FL PMSA	620	1,018	1,120	1,187	(x)	(x)	5.0	1.9	527
Miami-Hialeah, FL PMSA	1,268	1,626	1,745	1,814	(x)	(x)	2.5	1.3	710
Milwaukee-Racine, WI CMSA	1,575	1,570	1,551	1,572	23	25	(−z)	(z)	603
Milwaukee, WI PMSA	1,404	1,397	1,380	1,396	(x)	(x)	−.1	(z)	538
Racine, WI PMSA	171	173	172	174	(x)	(x)	.1	(z)	65
Minneapolis-St. Paul, MN-WI MSA	1,982	2,137	2,262	2,388	17	16	.8	1.3	907
Mobile, AL MSA	377	444	465	486	74	76	1.6	1.1	179
Modesto, CA MSA	195	266	304	341	120	108	3.1	3.0	120
Montgomery, AL MSA	226	273	295	301	117	116	1.9	1.2	111
Nashville, TN MSA	699	851	911	972	45	40	2.0	1.6	373
New Haven-Meriden, CT MSA	489	500	509	524	68	69	.2	.6	(NA)
New London-Norwich, CT-RI MSA	243	251	258	259	125	129	.3	.4	(NA)
New Orleans, LA MSA	1,100	1,256	1,330	1,307	27	31	1.3	.5	490
New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA	18,193	17,539	17,918	18,120	1	1	−.4	.4	(NA)
Bergen-Passaic, NJ PMSA	1,358	1,293	1,300	1,292	(x)	(x)	−.5	(−z)	484
Bridgeport-Milford, CT PMSA	444	439	443	444	(x)	(x)	−.1	.1	(NA)
Danbury, CT PMSA	136	170	183	191	(x)	(x)	2.2	1.4	(NA)
Jersey City, NJ PMSA	608	557	557	542	(x)	(x)	−.9	−.3	213
Middlesex-Somerset-Hunterdon, NJ PMSA	852	886	931	978	(x)	(x)	.4	1.2	348
Monmouth-Ocean, NJ PMSA	670	849	913	969	(x)	(x)	2.4	1.6	376
Nassau-Suffolk, NY PMSA	2,556	2,606	2,630	2,639	(x)	(x)	.2	.2	877
New York, NY PMSA	9,077	8,275	8,472	8,567	(x)	(x)	−.9	.4	3,459
Newark, NJ PMSA	1,937	1,879	1,889	1,886	(x)	(x)	−.3	(z)	695
Norwalk, CT PMSA	128	127	128	126	(x)	(x)	−.1	−.1	(NA)
Orange County, NY PMSA	222	260	276	294	(x)	(x)	1.6	1.5	97
Stamford, CT PMSA	206	199	197	192	(x)	(x)	−.4	−.4	(NA)
Norfolk-Virginia Beach-Newport News, VA MSA	1,059	1,160	1,280	1,380	31	28	.9	2.1	470
Oklahoma City, OK MSA	719	861	979	964	43	43	1.8	1.4	378

See footnotes at end of table.

No. 36. Metropolitan Statistical Areas—Population, 1970 to 1988, and Households, 1988—Continued

[See headnote, p. 29]

Metropolitan Statistical Area	Population 1970 (1,000)	1980 (1,000)	1985 (1,000)	1988 (1,000)	Rank 1980	Rank 1988	Average annual percent change 1970–1980	Average annual percent change 1980–1988	Households,[1] 1988 (1,000)
Omaha, NE-IA MSA	556	585	611	622	57	61	.5	.7	232
Orlando, FL MSA	453	700	863	971	51	41	4.3	4.0	379
Pensacola, FL MSA	243	290	328	350	109	103	1.8	2.3	131
Peoria, IL MSA	342	366	347	340	90	109	.7	−.9	132
Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA	5,749	5,681	5,787	5,963	4	5	−.1	.6	2,197
Philadelphia, PA-NJ PMSA	4,824	4,717	4,791	4,920	(x)	(x)	−.2	.5	1,824
Trenton, NJ PMSA	304	308	317	331	(x)	(x)	.1	.9	120
Vineland-Millville-Bridgeton, NJ PMSA	121	133	135	138	(x)	(x)	.9	.5	49
Wilmington, DE-NJ-MD PMSA	499	523	543	573	(x)	(x)	.5	1.1	204
Phoenix, AZ MSA	971	1,509	1,817	2,030	24	20	4.4	3.6	810
Pittsburgh-Beaver Valley, PA CMSA	2,556	2,423	2,334	2,284	13	19	−.5	−.7	903
Beaver County, PA PMSA	208	204	195	190	(x)	(x)	−.2	−.9	72
Pittsburgh, PA PMSA	2,348	2,219	2,139	2,094	(x)	(x)	−.6	−.7	831
Portland-Vancouver, OR-WA CMSA	1,047	1,298	1,350	1,414	26	26	2.1	1.0	550
Portland, OR PMSA	919	1,106	1,143	1,188	(x)	(x)	1.9	.9	469
Vancouver, WA PMSA	128	192	207	226	(x)	(x)	4.0	2.0	81
Poughkeepsie, NY MSA	222	245	254	262	129	125	1.0	.8	90
Providence-Pawtucket-Fall River, RI-MA CMSA	1,065	1,083	1,100	1,125	33	34	.2	.5	(NA)
Fall River, MA-RI PMSA	152	157	157	154	(x)	(x)	.3	−.3	(NA)
Pawtucket-Woonsocket-Attleboro, RI-MA PMSA	301	307	314	325	(x)	(x)	.2	.7	(NA)
Providence, RI PMSA	612	619	629	647	(x)	(x)	.1	.5	(NA)
Raleigh-Durham, NC MSA	446	561	631	683	61	55	2.3	2.4	266
Reading, PA MSA	296	313	319	329	104	110	.5	.6	129
Richmond-Petersburg, VA MSA	676	761	801	844	48	49	1.2	1.3	308
Rochester, NY MSA	962	971	976	980	37	38	.1	.1	369
Rockford, IL MSA	272	280	280	282	112	119	.3	.1	108
Sacramento, CA MSA	848	1,100	1,256	1,385	32	27	2.6	2.8	543
Saginaw-Bay City-Midland, MI MSA	401	422	405	406	79	87	.5	−.4	146
St. Louis, MO-IL MSA	2,429	2,377	2,422	2,467	14	14	−.2	.4	913
Salem, OR MSA	187	250	259	270	126	123	2.9	.9	101
Salinas-Seaside-Monterey, CA MSA	247	290	329	349	108	104	1.6	2.2	115
Salt Lake City-Ogden, UT MSA	684	910	1,025	1,065	41	37	2.9	1.9	347
San Antonio, TX MSA	888	1,072	1,244	1,323	34	30	1.9	2.6	442
San Diego, CA MSA	1,358	1,862	2,133	2,370	19	17	3.2	2.9	867
San Francisco-Oakland-San Jose, CA CMSA	4,754	5,368	5,803	6,042	5	4	1.2	1.4	2,345
Oakland, CA PMSA	1,628	1,762	1,910	2,006	(x)	(x)	.8	1.6	778
San Francisco, CA PMSA	1,482	1,489	1,570	1,590	(x)	(x)	(z)	.8	675
San Jose, CA PMSA	1,065	1,295	1,397	1,432	(x)	(x)	2.0	1.2	509
Santa Cruz, CA PMSA	124	188	213	227	(x)	(x)	4.2	2.3	88
Santa Rosa-Petaluma, CA PMSA	205	300	334	366	(x)	(x)	3.8	2.4	146
Vallejo-Fairfield-Napa, CA PMSA	251	334	378	421	(x)	(x)	2.9	2.8	149
Santa Barbara-Santa Maria-Lompoc, CA MSA	264	299	331	343	106	107	1.2	1.7	131
Sarasota, FL MSA	120	202	244	261	143	127	5.3	3.1	119
Scranton-Wilkes-Barre, PA MSA	696	729	724	737	49	53	.5	.1	284
Seattle-Tacoma, WA CMSA	1,837	2,093	2,251	2,421	18	15	1.3	1.8	958
Seattle, WA PMSA	1,425	1,607	1,725	1,862	(x)	(x)	1.2	1.8	748
Tacoma, WA PMSA	412	486	526	559	(x)	(x)	1.6	1.7	210
Shreveport, LA MSA	296	333	363	359	98	99	1.2	.9	134
Spokane, WA MSA	287	342	357	356	96	101	1.7	.5	142
Springfield, MA MSA	528	515	517	523	66	70	−.2	.2	(NA)
Stockton, CA MSA	291	347	415	456	94	79	1.8	3.3	160
Syracuse, NY MSA	637	643	649	650	53	58	.1	.1	237
Tampa-St. Petersburg-Clearwater, FL MSA	1,106	1,614	1,871	1,995	22	21	3.8	2.6	864
Toledo, OH MSA	606	617	611	616	55	63	.2	(−z)	234
Tucson, AZ MSA	352	531	585	636	64	59	4.1	2.2	259
Tulsa, OK MSA	526	657	728	728	52	54	2.2	1.2	269
Utica-Rome, NY MSA	340	320	317	313	102	113	−.6	−.3	116
Visalia-Tulare-Porterville, CA MSA	188	246	280	298	128	117	2.7	2.3	98
Washington, DC-MD-VA MSA	3,040	3,251	3,494	3,734	8	9	.7	1.7	1,402
West Palm Beach-Boca Raton-Delray Beach, FL MSA	349	577	724	818	58	51	5.0	4.2	361
Wichita, KS MSA	417	442	466	483	75	77	.6	1.1	174
Worcester, MA MSA	400	403	404	416	85	84	.1	.4	(NA)
York, PA MSA	330	381	393	410	87	86	1.5	.9	154
Youngstown-Warren, OH MSA	537	531	514	502	65	74	−.1	−.7	191

NA Not available. X Not applicable. Z Less than .05 percent. [1] Source: Market Statistics, New York, NY, *The Survey of Buying Power Data Service*, annual.

Source: Except as noted, U.S. Bureau of the Census, *1980 Census of Population, Supplementary Report, Metropolitan Statistical Areas*, (PC80-S1-18) and *General Population Characteristics* (PC80-1-B); *Current Population Reports*, series P-26, No. 85-AL-C to 85-WY-C and series P-26, No. 88-A; and press release (CB89-145).

No. 37. Metropolitan Statistical Areas—Net Migration, 1980 to 1988, and Percent of Metropolitan Population Inside Central Cities, 1988

[**Estimates**, as of **July 1**. Covers 20 consolidated metropolitan statistical areas (CMSAs), and their 71 component primary metropolitan statistical areas (PMSAs), and the remaining MSAs with 500,000 population; see headnote, table 33. For definitions and components of all MSAs, see Appendix II. Net migration is a residual value obtained by subtracting natural increase (births minus deaths) from population change for the period. Minus sign (–) indicates net outmigration. Z Less than 500 or .05 percent]

METROPOLITAN STATISTICAL AREA	Net migration, **1980–88** (1,000)	Percent inside central cities, **1988**
Albany-Schenectady-Troy, NY MSA	–8	25.1
Allentown-Bethlehem, PA-NJ MSA	26	30.3
Atlanta, GA MSA	414	17.1
Austin, TX MSA	143	62.1
Bakersfield, CA MSA	66	30.3
Baltimore, MD MSA	32	33.5
Baton Rouge, LA MSA	–10	43.9
Birmingham, AL MSA	–1	34.1
Boston-Lawrence-Salem, MA-NH CMSA	–15	31.9
Boston, MA PMSA	–59	30.4
Brockton, MA PMSA	–6	49.5
Lawrence-Haverhill, MA-NH PMSA	25	29.5
Lowell, MA-NH PMSA	9	36.0
Nashua, NH PMSA	24	45.4
Salem-Gloucester, MA PMSA	–9	25.9
Buffalo-Niagara Falls, NY CMSA	–99	32.0
Buffalo, NY PMSA	–81	32.7
Niagara Falls, NY PMSA	–18	28.9
Charleston, SC MSA	33	15.9
Charlotte-Gastonia-Rock Hill, NC-SC MSA	84	44.8
Chicago-Gary-Lake County (IL), IL-IN-WI CMSA	–290	46.0
Aurora-Elgin, IL PMSA	11	39.3
Chicago, IL PMSA	–237	49.9
Gary-Hammond, IN PMSA	–68	41.3
Joliet, IL PMSA	–4	19.7
Kenosha, WI PMSA	–7	62.2
Lake County, IL PMSA	15	23.0
Cincinnati-Hamilton, OH-KY-IN CMSA	–33	28.0
Cincinnati, OH-KY-IN PMSA	–37	25.6
Hamilton-Middletown, OH PMSA	4	40.3
Cleveland-Akron-Lorain, OH CMSA	–180	33.5
Akron, OH PMSA	–35	42.4
Cleveland, OH PMSA	–125	28.3
Lorain-Elyria, OH PMSA	–21	47.5
Columbus, OH MSA	18	48.0
Dallas-Fort Worth, TX CMSA	497	49.4
Dallas, TX PMSA	287	47.6
Fort Worth-Arlington, TX PMSA	210	53.0
Dayton-Springfield, OH MSA	–44	26.1
Denver-Boulder, CO CMSA	79	33.4
Boulder-Longmont, CO PMSA	11	58.8
Denver, CO PMSA	69	30.0
Detroit-Ann Arbor, MI CMSA	–364	28.9
Ann Arbor, MI PMSA	–17	40.5
Detroit, MI PMSA	–347	28.2
El Paso, TX MSA	35	87.2
Fresno, CA MSA	41	50.0
Grand Rapids, MI MSA	7	31.7
Greensboro-Winston-Salem-High Point, NC MSA	39	43.0
Greenville-Spartanburg, SC MSA	22	16.9
Harrisburg-Lebanon-Carlisle, PA MSA	16	16.8
Hartford-New Britain-Middletown, CT CMSA	12	28.4
Bristol, CT PMSA	2	76.8
Hartford, CT PMSA	9	17.4
Middletown, CT PMSA	1	46.2
New Britain, CT PMSA	(z)	48.7
Honolulu, HI MSA	–8	44.9
Houston-Galveston-Brazoria, TX CMSA	150	51.0
Brazoria, TX PMSA	–4	(z)
Galveston-Texas City, TX PMSA	–3	46.3
Houston, TX PMSA	157	54.2
Indianapolis, IN MSA	–6	58.8
Jacksonville, FL MSA	117	70.8
Kansas City, MO-KS MSA	47	44.2
Knoxville, TN MSA	15	33.0
Las Vegas, NV MSA	127	33.4
Little Rock-North Little Rock, AR MSA	4	53.0
Los Angeles-Anaheim-Riverside, CA CMSA	1,143	37.8
Anaheim-Santa Ana, CA PMSA	140	21.5
Los Angeles-Long Beach, CA PMSA	385	47.9
Oxnard-Ventura, CA PMSA	64	33.8
Riverside-San Bernardino, CA PMSA	554	17.1
Louisville, KY-IN MSA	–31	33.0
Memphis, TN-AR-MS MSA	–3	68.7
Miami-Fort Lauderdale, FL CMSA	270	32.0
Fort Lauderdale-Hollywood-Pompano Beach, FL PMSA	162	28.2
Miami-Hialeah, FL PMSA	108	34.5
Milwaukee-Racine, WI CMSA	–93	46.9
Milwaukee, WI PMSA	–82	46.8
Racine, WI PMSA	–11	47.5
Minneapolis-St. Paul, MN-WI MSA	73	28.9
Nashville, TN MSA	71	54.2
New Haven-Meriden, CT MSA	5	34.8
New Orleans, LA MSA	–50	43.5
New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA	–93	48.1
Bergen-Passaic, NJ PMSA	–34	10.7
Bridgeport-Milford, CT PMSA	–11	42.6
Danbury, CT PMSA	14	33.8
Jersey City, NJ PMSA	–35	47.9
Middlesex-Somerset-Hunterdon, NJ PMSA	50	7.8
Monmouth-Ocean, NJ PMSA	103	(z)
Nassau-Suffolk, NY PMSA	–54	(z)
New York, NY PMSA	–60	86.4
Newark, NJ PMSA	–64	22.2
Norwalk, CT PMSA	–6	60.6
Orange County, NY PMSA	18	(z)
Stamford, CT PMSA	–14	52.3
Norfolk-Virginia Beach-Newport News, VA MSA	109	79.9
Oklahoma City, OK MSA	27	55.9
Omaha, NE-IA MSA	–11	65.9
Orlando, FL MSA	220	16.1
Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA	38	33.9
Philadelphia, PA-NJ PMSA	5	35.8
Trenton, NJ PMSA	11	27.4
Vineland-Millville-Bridgeton, NJ PMSA	–1	70.9
Wilmington, DE-NJ-MD PMSA	22	12.2
Phoenix, AZ MSA	369	72.2
Pittsburgh-Beaver Valley, PA CMSA	–168	17.6
Beaver County, PA PMSA	–19	(z)
Pittsburgh, PA PMSA	–149	19.2
Portland-Vancouver, OR-WA CMSA	38	32.8
Portland, OR PMSA	19	35.2
Vancouver, WA PMSA	19	20.2
Providence-Pawtucket-Fall River, RI-MA CMSA	10	35.4
Fall River, MA-RI PMSA	–9	57.8
Pawtucket-Woonsocket-Attleboro, RI-MA PMSA	9	47.3
Providence, RI PMSA	10	24.1
Raleigh-Durham, NC MSA	88	49.6
Richmond-Petersburg, VA MSA	43	30.3
Rochester, NY MSA	–45	23.4
Sacramento, CA MSA	195	32.6
St. Louis, MO-IL MSA	–42	24.6
Salt Lake City-Ogden, UT MSA	11	20.6
San Antonio, TX MSA	133	71.1
San Diego, CA MSA	332	49.2
San Francisco-Oakland-San Jose, CA CMSA	309	40.9
Oakland, CA PMSA	121	25.8
San Francisco, CA PMSA	47	46.0
San Jose, CA PMSA	11	55.5
Santa Cruz, CA PMSA	24	21.1
Santa Rosa-Petaluma, CA PMSA	50	40.7
Vallejo-Fairfield-Napa, CA PMSA	57	55.0
Scranton-Wilkes-Barre, PA MSA	9	20.8
Seattle-Tacoma, WA CMSA	173	31.4
Seattle, WA PMSA	146	32.0
Tacoma, WA PMSA	27	29.3
Springfield, MA MSA	–10	49.3
Syracuse, NY MSA	–27	23.6
Tampa-St. Petersburg-Clearwater, FL MSA	382	30.8
Toledo, OH MSA	–33	59.3
Tucson, AZ MSA	82	60.6
Tulsa, OK MSA	18	50.6
Washington, DC-MD-VA MSA	225	21.6
West Palm Beach-Boca Raton-Delray Beach, FL MSA	234	22.0
Youngstown-Warren, OH MSA	–44	30.5

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-26, No. 88-B and No. 88-(region)-SC (5 regional reports).

No. 38. Fifty Largest Metropolitan Areas—Black and Hispanic Origin Populations: 1988

[As of December 31. Persons of Hispanic origin may be of any race. Areas as defined by U.S. Office of Management and Budget, June 30, 1989. For definitions, see Appendix II]

Metropolitan Statistical Area [1]	Black Population		Hispanic Origin Population	
	Number (1,000)	Percent of total metro.	Number (1,000)	Percent of total metro.
New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA [2]	3,279.3	18.1	2,499.2	13.8
Los Angeles-Anaheim-Riverside, CA CMSA	1,291.7	9.3	4,072.7	29.3
Chicago-Gary-Lake County (IL), IL-IN-WI CMSA	1,698.1	20.7	811.1	9.9
San Francisco-Oakland-San Jose, CA CMSA	543.4	8.9	893.5	14.7
Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA	1,133.2	19.1	176.6	3.0
Detroit-Ann Arbor, MI CMSA	954.1	20.4	87.1	1.9
Boston-Lawrence-Salem-Lowell-Brockton, MA NECMA	206.5	5.5	103.6	2.8
Dallas-Fort Worth, TX CMSA	552.8	14.7	400.2	10.7
Washington, DC-MD-VA MSA	995.1	26.7	122.1	3.3
Houston-Galveston-Brazoria, TX CMSA	689.1	19.1	667.5	18.5
Miami-Fort Lauderdale, FL CMSA	536.1	17.5	858.5	28.0
Cleveland-Akron-Lorain, OH CMSA	444.3	16.0	44.9	1.6
Atlanta, GA MSA	653.4	23.6	33.7	1.2
St. Louis, MO-IL MSA	431.1	17.4	26.1	1.1
Seattle-Tacoma, WA CMSA	105.1	4.4	54.5	2.3
Minneapolis-St. Paul, MN-WI MSA	60.0	2.5	26.0	1.1
Baltimore, MD MSA	606.8	25.6	24.5	1.0
Pittsburgh-Beaver Valley, PA CMSA	187.0	8.1	13.2	.6
San Diego, CA MSA	138.9	5.8	425.7	17.9
Tampa-St. Petersburg-Clearwater, FL MSA	200.0	9.8	116.4	5.7
Phoenix, AZ MSA	65.5	3.2	305.3	14.8
Denver-Boulder, CO CMSA	91.9	4.8	200.4	10.5
Cincinnati-Hamilton, OH-KY-IN CMSA	198.1	11.5	10.5	.6
Milwaukee-Racine, WI CMSA	180.7	11.5	45.6	2.9
Kansas City, MO-KS MSA	197.3	12.6	39.3	2.5
Portland-Vancouver, OR-WA CMSA	36.7	2.6	31.8	2.3
Norfolk-Virginia Beach-Newport News, VA MSA	392.3	28.6	24.2	1.8
Sacramento, CA MSA	84.3	6.0	159.2	11.4
New Orleans, LA MSA	443.7	33.5	53.6	4.0
Columbus, OH MSA	155.4	11.6	9.5	.7
San Antonio, TX MSA	96.0	7.4	667.0	51.4
Indianapolis, IN MSA	182.2	14.7	10.1	.8
Buffalo-Niagara Falls, NY CMSA	123.3	10.4	17.8	1.5
Hartford-New Britain-Middletown-Bristol, CT NECMA	84.9	7.6	52.8	4.7
Charlotte-Gastonia-Rock Hill, NC-SC MSA	239.3	21.5	9.6	.9
Salt Lake City-Ogden, UT MSA	9.2	.9	55.8	5.2
Rochester, NY MSA	90.3	9.1	22.7	2.3
Oklahoma City, OK MSA	91.3	9.3	24.0	2.4
Memphis, TN-AR-MS MSA	409.6	41.7	10.2	1.0
Louisville, KY-IN MSA	128.7	13.3	6.2	.6
Nashville, TN MSA	162.4	16.5	7.9	.8
Dayton-Springfield, OH MSA	126.9	13.5	7.0	.7
Orlando, FL MSA	130.3	13.2	40.7	4.1
Birmingham, AL MSA	268.7	28.7	6.4	.7
Greensboro-Winston Salem-High Point, NC MSA	190.5	20.4	6.9	.7
Providence-Pawtucket-Woonsocket, RI NECMA	30.0	3.3	21.7	2.4
Jacksonville, FL MSA	204.3	22.3	18.9	2.1
Albany-Schenectady-Troy, NY MSA	34.9	4.1	10.4	1.2
Honolulu, HI MSA	18.4	2.2	60.8	7.2
Richmond-Petersburg, VA MSA	246.5	29.2	8.1	1.0

[1] Metropolitan areas are shown in rank order of total population of consolidated metropolitan statistical areas (CMSA), metropolitan statistical areas (MSA), and New England county metropolitan areas (NECMA). [2] Includes Bridgeport-Stamford-Norwalk-Danbury, CT NECMA.

Source: Market Statistics, New York, NY, *Sales & Marketing Management, 1989 Survey of Buying Power,* August 1989.

No. 39. Cities, by Population Size: 1960 to 1988

Population size	Number of cities				Population (mil.)				Percent of total			
	1960	1970	1980	1988	1960	1970	1980	1988	1960	1970	1980	1988
Total	**18,088**	**18,666**	**19,097**	**19,252**	**115.9**	**131.9**	**140.3**	**152.2**	**100.0**	**100.0**	**100.0**	**100.0**
1,000,000 or more	5	6	6	7	17.5	18.8	17.5	19.1	15.1	14.2	12.5	12.6
500,000–1,000,000	16	20	16	17	11.1	13.0	10.9	11.5	9.6	9.8	7.8	7.6
250,000–500,000	30	30	33	37	10.8	10.5	11.8	13.2	9.3	7.9	8.4	8.7
100,000–250,000	79	97	114	125	11.4	13.9	16.6	18.4	9.8	10.5	11.6	12.1
50,000–100,000	180	232	250	300	12.5	16.2	17.2	20.6	10.8	12.2	12.3	13.6
25,000–50,000	366	455	526	575	12.7	15.7	18.4	19.9	11.0	11.9	13.1	13.1
10,000–25,000	978	1,127	1,260	1,323	15.1	17.6	19.8	20.7	13.1	13.3	14.1	13.6
Under 10,000	16,434	16,699	16,892	16,868	24.9	26.4	28.0	28.7	21.5	20.0	20.0	18.8

Source: U.S. Bureau of the Census, *Census of Population: 1970* and *1980*, vol. I; and *Current Population Reports*, series P-26, No. 88-(5 regional reports: NE, ENC, WNC, S, and W)-SC.

No. 40. Cities With 100,000 Inhabitants or More in 1988—Population, 1970 to 1988, and Land Area, 1987

[Population: **1970** and **1980**, as of **April 1**; other years, as of **July 1**. Data refer to municipal limits as of January 1 for 1970 and 1980 and as of December 31 prior to estimate date for all other years. Minus sign (–) indicates decrease]

City	1970, total population [1] (1,000)	1980			1982, total population (1,000)	1984, total population (1,000)	1986, total population (1,000)	1988, population				1987, land area [4] (square miles)
		Total population [1] (1,000)	Percent—[2] Black	Percent—[2] Hispanic [3]				Total (1,000)	Rank	Percent change, 1980–1988	Per square mile	
Abilene, TX	90	98	6.7	12.6	106	110	112	109	161	11.0	1,132	96.4
Akron, OH	275	237	22.2	.6	232	227	222	222	68	–6.6	3,567	62.1
Albuquerque, NM	245	332	2.5	33.8	342	351	367	378	36	13.9	2,952	128.2
Alexandria, VA	111	103	22.3	3.9	104	107	108	108	163	5.0	7,228	15.0
Allentown, PA	110	104	3.1	5.1	104	104	104	105	171	1.4	6,011	17.5
Amarillo, TX	127	149	5.5	9.2	155	163	166	166	97	11.2	1,904	87.2
Anaheim, CA	166	219	1.2	17.2	226	234	241	245	62	11.5	5,486	44.6
Anchorage, AK [5]	48	174	5.3	3.0	204	228	235	219	70	25.3	126	1,732.0
Ann Arbor, MI	100	108	9.3	2.1	109	108	108	108	162	.4	4,187	25.9
Arlington, TX	90	160	2.9	4.1	185	216	250	257	61	60.8	2,823	91.2
Atlanta, GA	495	425	66.6	1.4	428	426	422	420	31	1.1	3,203	131.2
Aurora, CO	75	159	6.9	5.0	184	208	218	219	69	37.9	1,838	119.0
Austin, TX	254	346	12.2	18.7	397	428	467	465	27	34.3	1,884	246.6
Bakersfield, CA	70	106	10.6	15.0	116	140	150	158	105	49.3	1,863	84.6
Baltimore, MD	905	787	54.8	1.0	774	764	753	751	11	–4.5	9,357	80.3
Baton Rouge, LA	166	220	36.5	1.8	232	239	241	235	65	6.7	3,223	73.0
Beaumont, TX	118	118	36.6	3.5	123	123	120	114	154	–3.3	1,533	74.5
Berkeley, CA	114	103	20.1	5.1	103	104	104	104	176	.3	9,510	10.9
Birmingham, AL	301	284	55.6	.8	283	280	278	277	58	–2.5	1,863	148.8
Boise City, ID	75	102	.5	2.3	105	107	108	111	157	8.6	2,377	46.7
Boston, MA	641	563	22.4	6.4	561	571	574	578	19	2.6	12,242	47.2
Bridgeport, CT	157	143	21.0	18.7	144	142	142	140	123	–2.0	9,508	14.7
Brownsville, TX	53	85	.2	83.7	91	95	102	105	174	23.0	3,616	28.9
Buffalo, NY	463	358	26.6	2.7	348	339	325	314	50	–12.4	7,502	41.8
Cedar Rapids, IA	111	110	2.3	.9	109	109	108	110	158	.1	1,995	55.3
Charlotte, NC	241	315	31.0	1.1	335	342	352	368	42	16.6	2,314	159.0
Chattanooga, TN	120	170	31.7	.8	168	164	162	163	99	–4.0	1,314	123.8
Chesapeake, VA	90	114	27.6	.9	120	126	134	148	115	29.1	435	340.0
Chicago, IL	3,369	3,005	39.8	14.0	2,997	2,992	3,010	2,978	3	.9	13,054	228.1
Chula Vista, CA	68	84	2.0	23.4	109	113	119	126	135	50.4	4,641	27.2
Cincinnati, OH	454	385	33.8	.8	380	370	370	370	40	3.9	4,750	78.0
Cleveland, OH	751	574	43.8	3.1	559	547	536	521	22	–9.1	6,600	79.0
Colorado Springs, CO	136	215	5.6	8.5	232	248	273	283	54	31.6	1,981	142.9
Columbus, GA [6]	155	169	34.2	2.1	174	175	180	178	93	4.9	817	217.5
Columbus, OH	540	565	22.1	.8	571	566	566	570	20	.8	3,001	189.8
Concord, CA	85	104	1.7	7.2	104	104	106	108	165	4.1	3,687	29.3
Corpus Christi, TX	205	232	5.1	46.6	248	261	264	261	59	12.4	2,202	118.5
Dallas, TX	844	905	29.4	12.3	944	974	1,004	987	8	9.1	2,965	333.0
Dayton, OH	243	194	36.9	.9	188	181	179	178	92	–8.0	3,225	55.2
Denver, CO	515	493	12.0	18.8	506	505	505	492	25	–.1	4,609	106.8
Des Moines, IA	201	191	6.8	1.8	192	191	192	193	79	1.0	2,905	66.4
Detroit, MI	1,514	1,203	63.1	2.4	1,157	1,127	1,086	1,036	7	–13.9	7,639	135.6
Durham, NC	95	101	47.1	.9	109	110	114	115	150	14.1	1,725	66.9
Elizabeth, NJ	113	106	18.2	26.7	107	107	107	105	172	–1.0	8,987	11.7
El Paso, TX	322	425	3.2	62.5	445	464	492	511	23	20.2	2,066	247.3
Erie, PA	129	119	9.7	1.1	118	117	115	113	155	–5.3	5,198	21.7
Eugene, OR	79	106	1.1	2.1	104	103	105	108	166	2.2	3,009	35.9
Evansville, IN	139	130	8.8	.5	130	130	129	128	134	–1.8	3,045	42.1
Flint, MI	193	160	41.4	2.5	154	149	146	142	120	–11.3	4,331	32.7
Fort Lauderdale, FL	140	153	21.0	4.2	154	150	149	146	117	–5.0	4,903	29.7

See footnotes at end of table.

No. 40. Cities With 100,000 Inhabitants or More in 1988—Population, 1970 to 1988, and Land Area, 1987—Continued

[See headnote, p. 34]

City	1970, total population [1] (1,000)	1980			1982, total population (1,000)	1984, total population (1,000)	1986, total population (1,000)	1988, population				1987, land area [4] (square miles)
		Total population [1] (1,000)	Percent—[2] Black	Percent—[2] Hispanic [3]				Total (1,000)	Rank	Percent change, 1980–1988	Per square mile	
Fort Wayne, IN	178	172	14.6	2.2	173	170	173	180	90	4.3	2,924	61.5
Fort Worth, TX	393	385	22.8	12.6	401	415	430	427	30	10.8	1,581	269.8
Fremont, CA	101	132	2.5	14.0	138	144	154	167	96	26.3	2,125	78.4
Fresno, CA	166	217	9.5	23.6	257	273	285	307	51	41.2	3,153	97.4
Fullerton, CA	86	102	1.6	13.5	105	107	109	110	159	7.3	4,943	22.2
Garden Grove, CA	121	123	.8	13.5	128	131	135	135	126	9.7	7,644	17.7
Garland, TX	81	139	5.3	6.3	149	160	177	180	88	30.0	3,188	56.6
Gary, IN	175	152	70.8	7.1	148	143	137	132	129	−12.8	3,362	39.4
Glendale, AZ	36	97	1.9	12.8	106	114	126	140	122	44.2	2,781	50.4
Glendale, CA	133	139	.3	17.8	142	147	154	161	101	15.9	5,268	30.6
Grand Rapids, MI	198	182	15.7	3.2	183	183	187	185	85	1.9	4,271	43.4
Greensboro, NC	144	156	33.0	.8	172	174	177	182	87	16.9	2,300	79.1
Hampton, VA	121	123	34.3	1.4	125	126	126	131	132	6.7	2,549	51.3
Hartford, CT	158	136	33.9	20.5	136	136	138	131	131	3.7	7,376	17.8
Hayward, CA	93	94	5.7	20.2	96	99	102	104	177	10.7	2,328	44.5
Hialeah, FL	102	145	1.5	74.3	155	152	162	162	100	11.6	8,355	19.4
Hollywood, FL	107	121	4.1	5.3	122	120	121	120	144	−1.0	4,748	25.3
Honolulu, HI [7]	325	365	1.2	5.2	368	373	372	376	37	2.2	4,323	87.0
Houston, TX	1,234	1,595	27.6	17.6	1,744	1,724	1,729	1,698	4	6.5	2,936	578.3
Huntington Beach, CA	116	171	.7	7.9	176	179	184	187	83	9.6	6,871	27.2
Huntsville, AL	139	143	20.7	1.0	145	150	163	159	104	11.9	1,057	150.9
Independence, MO	112	112	.7	1.4	112	112	113	115	152	2.9	1,428	80.6
Indianapolis, IN	737	701	21.8	.9	708	710	720	727	14	3.8	2,066	351.9
Inglewood, CA	90	94	57.3	19.2	97	99	103	104	175	10.4	11,677	8.9
Irvine, CA	(8)	62	1.5	6.0	71	78	88	100	186	61.2	2,286	43.8
Irving, TX	97	110	1.5	7.4	114	120	129	133	128	21.0	1,973	67.4
Jackson, MS	154	203	47.0	.7	204	209	208	201	77	−.8	1,895	106.2
Jacksonville, FL	504	541	25.4	1.8	556	578	610	635	16	17.5	837	759.2
Jersey City, NJ	260	224	27.7	18.6	223	223	219	218	72	−2.6	16,487	13.2
Kansas City, KS	168	161	25.3	4.9	162	160	162	161	102	−.3	1,496	107.4
Kansas City, MO	507	448	27.4	3.3	445	443	441	439	28	−2.0	1,383	317.4
Knoxville, TN	175	175	14.6	.7	175	174	173	172	94	−1.7	2,195	78.4
Lakewood, CO	93	114	.5	5.9	118	121	122	119	145	4.9	2,876	41.5
Lansing, MI	131	130	13.9	6.3	128	128	129	125	137	−4.2	3,560	35.1
Laredo, TX	69	91	.1	93.0	105	115	117	125	138	36.4	4,200	29.7
Las Vegas, NV	126	165	12.8	7.8	180	183	192	211	75	27.9	2,659	79.2
Lexington-Fayette, KY [9]	108	204	13.3	.7	208	210	213	226	67	10.5	793	284.7
Lincoln, NE	150	172	2.0	1.6	177	180	183	188	82	9.3	3,075	61.1
Little Rock, AR	132	159	32.2	.8	179	181	181	180	89	13.2	1,857	97.0
Livonia, MI	110	105	.1	.9	101	100	101	101	181	−3.5	2,905	34.8
Long Beach, CA	359	361	11.3	14.0	371	379	396	415	33	14.8	8,334	49.8
Los Angeles, CA	2,812	2,969	17.0	27.5	3,022	3,097	3,259	3,353	2	12.9	7,175	467.3
Louisville, KY	362	299	28.2	.7	294	290	286	282	55	−5.6	4,613	61.1
Lubbock, TX	149	174	8.2	18.8	180	182	186	188	81	8.2	1,768	106.4
Macon, GA	122	117	44.5	.7	119	120	118	118	147	.9	2,373	49.7
Madison, WI	172	171	2.7	1.3	173	171	176	178	91	4.4	3,199	55.7
Memphis, TN	624	646	47.6	.8	646	648	653	645	15	.2	2,443	264.1
Mesa, AZ	63	152	1.2	9.1	182	206	251	280	57	84.0	2,579	108.7
Miami, FL	335	347	25.1	55.9	383	373	374	371	39	7.0	10,819	34.3
Milwaukee, WI	717	636	23.1	4.1	632	621	605	599	18	−5.8	6,257	95.8
Minneapolis, MN	434	371	7.7	1.3	369	358	357	345	46	−7.1	6,255	55.1
Mobile, AL	190	200	36.2	1.1	205	205	203	209	76	4.2	1,526	136.8
Modesto, CA	62	107	2.1	10.5	114	122	133	149	113	39.0	5,291	28.1
Montgomery, AL	133	178	39.2	.9	182	185	194	194	78	8.8	1,456	132.9
Nashville-Davidson, TN	426	456	23.3	.8	455	462	474	481	26	5.6	1,004	479.5
Newark, NJ	382	329	58.2	18.6	321	314	316	314	49	−4.7	13,021	24.1
New Haven, CT	138	126	31.9	8.0	125	124	123	124	139	−1.8	6,552	18.9
New Orleans, LA	593	558	55.3	3.4	565	559	554	532	21	−4.7	2,667	199.4
Newport News, VA	138	145	31.5	1.8	151	155	162	160	103	10.5	2,451	65.3
New York, NY	7,896	7,072	25.2	19.9	7,086	7,165	7,263	7,353	1	4.0	24,387	301.5
Bronx Borough	1,472	1,169	31.8	33.9	1,163	1,173	1,194	1,223	(x)	4.7	29,337	41.7
Brooklyn Borough	2,602	2,231	32.4	17.6	2,240	2,254	2,293	2,314	(x)	3.7	32,967	70.2
Manhattan Borough	1,539	1,428	21.7	23.5	1,423	1,456	1,478	1,510	(x)	5.7	68,015	22.2
Queens Borough	1,987	1,891	18.7	13.9	1,900	1,911	1,923	1,925	(x)	1.8	17,743	108.5
Staten Island Borough	295	352	7.3	5.4	360	371	375	380	(x)	7.9	6,473	58.7
Norfolk, VA	308	267	35.2	2.3	267	280	275	286	53	7.3	5,385	53.2
Oakland, CA	362	339	46.9	9.6	345	352	357	357	44	5.2	6,621	53.9
Oceanside, CA	40	77	7.5	18.4	84	90	99	113	156	46.9	2,802	40.2
Oklahoma City, OK	368	404	14.6	2.8	428	443	446	434	29	7.5	688	631.1
Omaha, NE	347	314	12.0	2.3	344	348	349	353	45	12.4	3,532	100.0
Ontario, CA	64	89	3.4	27.1	97	106	114	123	140	38.9	3,344	36.9

See footnotes at end of table.

No. 40. Cities With 100,000 Inhabitants or More in 1988—Population, 1970 to 1988, and Land Area, 1987—Continued

[See headnote, p. 34]

City	1970, total population [1] (1,000)	1980			1982, total population (1,000)	1984, total population (1,000)	1986, total population (1,000)	1988, population				1987, land area [4] (square miles)
		Total population [1] (1,000)	Percent—[2]					Total (1,000)	Rank	Percent change, 1980–1988	Per square mile	
			Black	Hispanic [3]								
Orange, CA	77	91	.9	12.4	95	97	101	106	170	15.6	4,677	22.6
Orlando, FL	99	128	30.0	3.9	134	137	146	156	108	21.6	2,396	65.1
Overland Park, KS	78	82	.9	1.5	84	89	97	107	168	30.7	2,020	52.9
Oxnard, CA	71	108	6.1	44.4	118	124	127	130	133	20.2	5,331	24.4
Pasadena, CA	113	118	20.7	18.4	121	125	130	132	130	11.8	5,690	23.2
Pasadena, TX	90	113	.8	17.0	122	119	118	117	148	3.8	3,060	38.2
Paterson, NJ	145	138	34.1	26.7	139	139	139	139	124	.5	16,701	8.3
Peoria, IL	127	124	16.7	1.4	122	117	110	110	160	−11.8	2,560	42.8
Philadelphia, PA	1,949	1,688	37.8	3.8	1,665	1,647	1,643	1,647	5	2.4	12,110	136.0
Phoenix, AZ	584	790	4.8	14.8	824	853	894	924	10	17.0	2,352	392.8
Pittsburgh, PA	520	424	24.0	.8	415	403	387	375	38	−11.5	6,773	55.4
Plano, TX	18	72	3.3	3.5	84	93	111	119	146	64.2	1,891	62.8
Pomona, CA	87	93	19.0	30.5	100	107	116	120	143	29.9	5,261	22.9
Portland, OR	380	368	7.6	2.1	395	394	388	418	32	13.7	3,467	120.7
Portsmouth, VA	111	105	45.1	1.0	106	108	111	108	167	2.8	3,597	29.9
Providence, RI	179	157	11.8	5.8	156	154	157	156	107	−.4	8,263	18.9
Pueblo, CO	97	102	2.1	35.5	101	100	101	101	183	−.6	2,938	34.4
Raleigh, NC	123	150	27.4	.9	160	170	180	187	84	24.3	2,239	83.4
Reno, NV	73	101	2.7	5.1	107	106	110	115	151	14.3	3,103	37.1
Richmond, VA	249	219	51.3	1.0	218	219	218	213	73	−2.7	3,549	60.1
Riverside, CA	140	171	6.9	16.2	174	182	197	211	74	23.5	2,743	76.8
Rochester, NY	295	242	25.8	5.4	244	243	236	230	66	−4.9	6,719	34.2
Rockford, IL	147	140	13.2	2.9	138	137	136	135	127	3.7	3,128	43.0
Sacramento, CA	257	276	13.4	14.2	289	304	324	338	48	22.7	3,458	97.8
St. Louis, MO	622	453	45.6	1.2	437	429	426	404	34	−10.9	6,574	61.4
St. Paul, MN	310	270	4.9	2.9	270	266	264	259	60	−4.1	4,945	52.4
St. Petersburg, FL	216	239	17.2	1.8	241	241	239	235	64	−1.3	4,145	56.8
Salinas, CA	59	80	1.8	38.1	84	88	97	101	182	25.6	5,711	17.7
Salt Lake City, UT	176	163	1.5	7.6	164	165	158	153	110	−6.3	1,520	100.5
San Antonio, TX	654	786	7.3	53.7	844	869	914	941	9	19.7	2,860	329.1
San Bernardino, CA	107	119	14.9	25.4	126	132	139	148	114	24.9	2,674	55.5
San Diego, CA	697	876	8.9	14.9	916	960	1,015	1,070	6	22.2	3,257	328.6
San Francisco, CA	716	679	12.7	12.3	692	713	749	732	13	7.8	15,768	46.4
San Jose, CA	460	629	4.6	22.3	659	686	712	738	12	17.3	4,331	170.5
Santa Ana, CA	156	204	4.0	44.5	217	225	237	240	63	17.4	8,742	27.4
Santa Rosa, CA	50	83	1.3	5.6	87	91	98	108	164	29.9	3,164	34.2
Savannah, GA	118	142	49.0	1.3	146	145	147	146	116	3.1	2,393	61.0
Scottsdale, AZ	68	89	.4	3.1	94	99	111	122	142	37.4	667	182.5
Seattle, WA	531	494	9.5	2.6	490	488	486	502	24	1.7	6,000	83.7
Shreveport, LA	182	206	41.1	1.3	212	221	220	218	71	5.3	2,290	95.2
South Bend, IN	126	110	18.3	2.4	108	107	107	106	169	−3.2	2,901	36.6
Spokane, WA	171	171	1.6	1.5	172	173	173	171	95	−.2	3,041	56.2
Springfield, MA	164	152	16.6	9.1	152	150	149	150	111	−1.3	4,742	31.7
Springfield, MO	120	133	2.1	.7	134	137	139	143	119	7.2	2,024	70.5
Stamford, CT	109	102	15.0	5.6	104	102	101	100	185	−2.2	2,631	38.1
Sterling Heights, MI	61	109	.2	.9	108	109	112	115	153	5.3	3,135	36.6
Stockton, CA	110	150	10.4	22.1	162	171	183	191	80	28.6	3,948	48.3
Sunnyvale, CA	96	107	2.4	11.5	107	111	112	116	149	9.0	4,965	23.4
Syracuse, NY	197	170	15.7	1.7	166	164	161	154	109	−9.7	6,454	23.8
Tacoma, WA	154	159	9.2	2.4	161	159	159	164	98	3.4	3,430	47.8
Tallahassee, FL	73	82	31.8	1.8	106	113	119	126	136	54.1	2,140	58.7
Tampa, FL	278	272	23.5	13.3	276	275	278	282	56	3.8	2,699	104.4
Tempe, AZ	64	107	1.8	8.2	113	118	136	140	121	31.4	3,592	39.1
Thousand Oaks, CA	36	77	.8	5.8	91	93	96	102	179	31.7	2,098	48.4
Toledo, OH	383	355	17.4	3.0	351	344	341	341	47	−3.9	4,047	84.2
Topeka, KS	125	119	9.5	4.6	120	119	119	122	141	3.1	2,249	54.4
Torrance, CA	135	130	.7	8.3	130	133	136	138	125	6.2	6,729	20.5
Tucson, AZ	263	331	3.7	24.9	355	367	359	386	35	16.7	2,655	145.3
Tulsa, OK	330	361	11.8	1.7	375	375	374	368	41	2.1	1,927	191.1
Vallejo, CA	72	80	19.0	8.5	86	89	93	101	184	25.4	3,889	25.9
Virginia Beach, VA	172	262	10.0	2.0	283	309	333	365	43	39.3	1,428	255.8
Waco, TX	95	101	21.8	11.1	102	104	105	103	178	2.1	1,324	78.1
Warren, MI	179	161	.2	.9	156	152	150	145	118	−9.8	4,227	34.4
Washington, DC	757	638	70.3	2.8	633	623	626	617	17	−3.4	9,840	62.7
Waterbury, CT	108	103	11.6	6.7	103	103	102	105	173	1.2	3,654	28.6
Wichita, KS	277	280	10.8	3.5	290	284	289	295	52	5.5	2,524	117.0
Winston-Salem, NC	134	132	40.2	.8	145	148	148	149	112	12.7	2,118	70.2
Worcester, MA	177	162	2.9	4.3	161	160	158	156	106	−3.5	4,176	37.4
Yonkers, NY	204	195	10.5	8.7	192	191	186	183	86	−6.3	10,000	18.3
Youngstown, OH	141	116	33.3	3.3	111	108	105	101	180	−12.4	2,932	34.5

X Not applicable. [1] Population totals include corrections made after tabulations were completed. [2] Based on uncorrected tabulated data. [3] Hispanic persons may be of any race. [4] As of December 31. Reflects estimates of areas annexed or detached since January 1, 1980 as provided by the municipalities. The Bureau of the Census cannot verify, and is not responsible for, the accuracy of these data. [5] Anchorage city consolidated with Anchorage Borough September 15, 1975. [6] Columbus and the unincorporated balance of Muscogee County consolidated on January 1, 1971. [7] Data represent the census designated place of Honolulu, as delineated by the State of Hawaii. [8] Not incorporated in 1970. [9] Lexington and Fayette County consolidated January 1, 1974.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I, chapters A and B; *1980 Census of Population*, vol. 1, chapters A and B; press release (CB 89-182) and unpublished data.

No. 41. Population 65 Years Old and Over, by Age Group and Sex, 1960 to 1988, and Projections, 1990 and 2000

[As of July. Includes Armed Forces overseas. Projections are for middle series (series 14); for assumptions, see table 16. For explanation of methodology, see text, section 1]

Age group and sex	Number (1,000)						Percent distribution					
	1960	1970	1980	1988	1990, proj.	2000, proj.	1960	1970	1980	1988	1990, proj.	2000, proj.
Persons 65 yrs. and over	**16,675**	**20,107**	**25,704**	**30,367**	**31,559**	**34,882**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
65–69 years old	6,280	7,026	8,812	9,993	10,251	9,491	37.7	34.9	34.3	32.9	32.5	27.2
70–74 years old	4,773	5,467	6,841	7,904	8,122	8,752	28.6	27.2	26.6	26.0	25.7	25.1
75–79 years old	3,080	3,871	4,828	5,903	6,105	7,282	18.5	19.3	18.8	19.4	19.3	20.9
80–84 years old	1,601	2,312	2,954	3,619	3,828	4,735	9.6	11.5	11.5	11.9	12.1	13.6
85 years old and over	940	1,430	2,269	2,948	3,254	4,622	5.6	7.1	8.8	9.7	10.3	13.3
Males, 65 years and over	7,542	8,413	10,366	12,353	12,853	14,273	100.0	100.0	100.0	100.0	100.0	100.0
65–69 years old	2,936	3,139	3,919	4,544	4,655	4,382	38.9	37.3	37.8	36.8	36.2	30.7
70–74 years old	2,197	2,322	2,873	3,400	3,516	3,860	29.1	27.6	27.7	27.5	27.4	27.0
75–79 years old	1,370	1,573	1,862	2,322	2,413	2,971	18.2	18.7	18.0	18.8	18.8	20.8
80–84 years old	673	883	1,026	1,262	1,350	1,739	8.9	10.5	9.9	10.2	10.5	12.2
85 years old and over	366	496	688	825	918	1,322	4.9	5.9	6.6	6.7	7.1	9.3
Females, 65 years and over	9,133	11,693	15,338	18,014	18,706	20,608	100.0	100.0	100.0	100.0	100.0	100.0
65–69 years old	3,344	3,887	4,894	5,449	5,596	5,109	36.6	33.2	31.9	30.2	29.9	24.8
70–74 years old	2,577	3,145	3,968	4,504	4,605	4,892	28.2	26.9	25.9	25.0	24.6	23.7
75–79 years old	1,711	2,298	2,966	3,581	3,691	4,311	18.7	19.7	19.3	19.9	19.7	20.9
80–84 years old	928	1,429	1,928	2,357	2,478	2,996	10.2	12.2	12.6	13.1	13.2	14.5
85 years old and over	574	934	1,582	2,124	2,336	3,300	6.3	8.0	10.3	11.8	12.5	16.0

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 1018 and 1045.

No. 42. Persons 65 Years Old and Over—Characteristics, by Sex: 1960 to 1988

Characteristic	Total				Male				Female			
	1970	1980	1985	1988	1970	1980	1985	1988	1970	1980	1985	1988
Total [1 2] (million)	**19.9**	**24.2**	**26.8**	**28.5**	**8.3**	**9.9**	**11.0**	**11.8**	**11.5**	**14.2**	**15.8**	**16.7**
White [1] (million)	18.2	21.9	24.2	25.6	7.6	9.0	9.9	10.6	10.6	12.9	14.3	15.0
Black [1] (million)	1.5	2.0	2.2	2.4	.7	.8	.9	1.0	.9	1.2	1.3	1.4
Percent below poverty level: [1 3]												
Family householders [4]	17.6	9.1	7.3	7.2	16.6	8.4	6.0	6.1	23.5	13.0	13.0	13.7
Unrelated individuals	47.3	29.3	24.2	24.0	40.0	25.3	20.8	19.3	49.9	30.5	25.9	25.4
PERCENT DISTRIBUTION												
Marital status: [1]												
Single	7.6	5.5	5.2	5.0	7.5	4.9	5.3	4.6	7.7	5.9	5.1	5.3
Married	51.3	55.4	55.2	56.5	73.1	78.0	77.2	77.7	35.6	39.5	39.9	41.5
Spouse present	49.0	53.6	53.4	54.5	69.9	76.1	75.0	75.1	33.9	37.9	38.3	39.9
Spouse absent	2.3	1.8	1.8	2.0	3.2	1.9	2.2	2.5	1.7	1.7	1.6	1.6
Widowed	38.8	35.7	35.6	34.3	17.1	13.5	13.8	13.9	54.4	51.2	50.7	48.7
Divorced	2.3	3.5	4.0	4.3	2.3	3.6	3.7	3.9	2.3	3.4	4.3	4.5
Family status: [1]												
In families [5]	67.1	67.6	67.3	67.3	79.2	83.0	82.4	81.7	58.5	56.8	56.7	57.0
Nonfamily householders	26.6	31.2	31.1	31.4	14.9	15.7	15.4	17.1	35.2	42.0	42.1	41.5
Secondary individuals	2.1	1.2	1.6	1.4	2.4	1.3	2.2	1.2	1.9	1.1	1.1	1.5
Residents of institutions [1]	4.1	(NA)	(NA)	(NA)	3.6	(NA)	(NA)	(NA)	4.4	(NA)	(NA)	(NA)
Living arrangements: [1]												
Living in household	95.2	99.8	99.6	99.6	95.5	99.9	99.5	99.8	95.0	99.7	99.6	99.5
Living alone	25.5	30.3	30.2	30.4	14.1	14.9	14.7	16.2	33.8	41.0	41.1	40.6
Spouse present	49.0	53.6	53.4	54.5	69.9	76.1	75.0	75.1	33.9	37.9	38.3	39.9
Living with someone else	20.7	15.9	15.9	14.7	11.5	8.9	9.8	8.6	27.4	20.8	20.2	19.0
Not in household [1 6]	4.8	.2	.4	.4	4.5	.1	.5	.2	5.0	.3	.4	.5
Years of school completed:												
8 years or less	58.3	43.1	35.4	30.5	61.5	45.3	37.2	31.7	56.1	41.6	34.1	29.7
1–3 years of high school	13.4	16.2	16.5	15.7	12.6	15.5	15.7	15.6	13.9	16.7	17.0	15.8
4 years of high school	15.7	24.0	29.0	33.0	12.5	21.4	26.4	29.4	18.1	25.8	30.7	35.5
1–3 years of college	6.2	8.2	9.8	10.2	5.6	7.5	9.1	9.8	6.7	8.6	10.3	10.5
4 years or more of college	6.3	8.6	9.4	10.6	7.9	10.3	11.5	13.5	5.2	7.4	8.0	8.5
Labor force participation: [7]												
Employed	16.4	12.2	10.4	11.2	25.9	18.4	15.3	16.1	9.4	7.8	7.0	7.7
Unemployed	.5	.4	.3	.3	.9	.6	.5	.4	.3	.3	.2	.2
Not in labor force	83.1	87.5	89.2	88.5	73.2	81.0	84.2	83.5	90.3	91.9	92.7	92.1

NA Not available. [1] Civilian population as of March. Beginning 1980, excludes institutional population. [2] Includes other races, not shown separately. [3] Poverty status based on income in preceding year. [4] "Male" refers to married couples plus other families with a male householder. "Female" refers to female householder, no spouse present. [5] Beginning 1980, excludes those living in unrelated subfamilies. [6] In institutions (1970) and other group quarters. [7] Annual averages of monthly figures. Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, January issues.

Source: Except as noted, U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 433 and earlier reports; series P-23, No. 59; and series P-60, No. 163 and earlier reports; and unpublished data.

No. 43. Social and Economic Characteristics of the White and Black Populations: 1980 and 1988

[As of **March, except labor force status, annual average.** Excludes members of Armed Forces except those living off post or with their families on post. Based on Current Population Survey; see text, section 1, and Appendix III]

Characteristic	All races [1]				White				Black			
	Number (1,000)		Percent distribution		Number (1,000)		Percent distribution		Number (1,000)		Percent distribution	
	1980	1988	1980	1988	1980	1988	1980	1988	1980	1988	1980	1988
Total persons	**223,160**	**241,155**	**100.0**	**100.0**	**191,905**	**203,869**	**100.0**	**100.0**	**26,033**	**29,333**	**100.0**	**100.0**
Under 5 years old	16,319	18,304	7.3	7.6	13,307	14,810	6.9	7.3	2,444	2,761	9.4	9.4
5–14 years old	34,979	34,400	15.7	14.3	28,828	27,719	15.0	13.6	5,190	5,351	19.9	18.2
15–44 years old	103,493	114,487	46.4	47.5	88,570	96,178	46.2	47.2	12,247	14,264	47.0	48.6
45–64 years old	44,174	45,437	19.8	18.8	39,302	39,522	20.5	19.4	4,112	4,575	15.8	15.6
65 years old and over	24,194	28,527	10.8	11.8	21,898	25,639	11.4	12.6	2,040	2,383	7.8	8.1
YEARS OF SCHOOL COMPLETED												
Persons 25 years old and over	**130,409**	**151,616**	**100.0**	**100.0**	**114,763**	**131,092**	**100.0**	**100.0**	**12,927**	**15,929**	**100.0**	**100.0**
Elementary: 0–8 years	22,817	18,301	17.5	12.1	18,739	14,762	16.3	11.3	3,559	2,872	27.5	18.0
High school: 1–3 years	18,086	17,813	13.9	11.7	15,064	14,520	13.1	11.1	2,748	2,966	21.3	18.6
4 years	47,934	58,940	36.8	38.9	43,149	51,795	37.6	39.5	3,980	5,914	30.8	37.1
College: 1–3 years	19,379	25,783	14.9	17.0	17,350	22,599	15.1	17.2	1,618	2,382	12.5	15.0
4 years or more	22,193	30,779	17.0	20.3	20,460	27,416	17.8	20.9	1,024	1,796	7.9	11.3
LABOR FORCE STATUS												
Civilians 16 years old and over	**167,745**	**184,613**	**100.0**	**100.0**	**146,122**	**158,194**	**100.0**	**100.0**	**17,824**	**20,692**	**100.0**	**100.0**
Civilian labor force	106,940	121,669	63.8	65.9	93,600	104,756	64.1	66.2	10,865	13,205	61.0	63.8
Employed	99,303	114,968	59.2	62.3	87,715	99,812	60.0	63.1	9,313	11,658	52.2	56.3
Unemployed	7,637	6,701	4.6	3.6	5,884	4,944	4.0	3.1	1,553	1,547	8.7	7.5
Unemployment rate [2]	7.1	5.5	(x)	(x)	6.3	4.7	(x)	(x)	14.3	11.7	(x)	(x)
Not in labor force	60,806	62,944	36.2	34.1	52,523	53,439	35.9	33.8	6,959	7,487	39.0	36.2
FAMILY TYPE												
Total families	**59,550**	**65,133**	**100.0**	**100.0**	**52,243**	**56,044**	**100.0**	**100.0**	**6,184**	**7,177**	**100.0**	**100.0**
With own children [3]	31,022	31,920	52.1	49.0	26,474	26,618	50.7	47.5	3,820	4,195	61.8	58.5
Married couple	49,112	51,809	82.5	79.5	44,751	46,644	85.7	83.2	3,433	3,682	55.5	51.3
With own children [3]	24,961	24,600	41.9	37.8	22,415	21,699	42.9	38.7	1,927	2,016	31.2	28.1
Female householder, no spouse present	8,705	10,608	14.6	16.3	6,052	7,235	11.6	12.9	2,495	3,074	40.3	42.8
With own children [3]	5,445	6,273	9.1	9.6	3,558	4,066	6.8	7.3	1,793	2,020	29.0	28.1
Male householder, no spouse present	1,733	2,715	2.9	4.2	1,441	2,165	2.8	3.9	256	421	4.1	5.9
With own children [3]	616	1,047	1.0	1.6	500	852	1.0	1.5	99	160	1.6	2.2
FAMILY INCOME IN PREVIOUS YEAR IN CONSTANT (1987) DOLLARS												
Total families	**59,550**	**65,133**	**100.0**	**100.0**	**52,243**	**56,044**	**100.0**	**100.0**	**6,184**	**7,177**	**100.0**	**100.0**
Less than $5,000	1,905	2,880	3.2	4.4	1,252	1,796	2.4	3.2	600	968	9.7	13.5
$5,000–$9,999	4,287	4,787	7.2	7.3	3,192	3,440	6.0	6.1	1,096	1,179	17.7	16.5
$10,000–$14,999	5,419	5,865	9.1	9.1	4,385	4,784	8.4	8.6	902	895	14.6	12.5
$15,000–$24,999	11,732	12,181	19.7	18.7	10,177	10,332	19.5	18.4	1,344	1,563	21.7	21.8
$25,000–$34,999	11,612	11,392	19.5	17.5	10,438	10,130	20.0	18.1	947	973	15.3	13.6
$35,000–$49,999	13,042	13,132	21.9	20.2	12,004	11,869	23.0	21.2	805	918	13.0	12.8
$50,000 or more	11,553	14,896	19.4	22.9	10,856	13,694	20.8	24.4	490	681	7.9	9.5
Median income (dol.) [4]	30,669	30,853	(x)	(x)	32,003	32,274	(x)	(x)	18,122	18,098	(x)	(x)
Persons below poverty level [5]	26,072	32,546	11.7	13.5	17,214	21,409	9.0	10.5	8,050	9,683	31.0	33.1
HOUSING TENURE												
Total occupied units	**80,776**	**91,086**	**100.0**	**100.0**	**70,766**	**78,469**	**100.0**	**100.0**	**8,586**	**10,186**	**100.0**	**100.0**
Owner-occupied	54,891	58,214	68.0	63.9	49,913	52,697	70.5	67.2	4,173	4,323	48.6	42.4
Renter-occupied	24,421	31,180	30.2	34.2	19,581	24,324	27.7	31.0	4,257	5,676	49.6	55.7
No cash rent	1,464	1,672	1.8	1.8	1,272	1,448	1.8	1.8	156	187	1.8	1.8

X Not applicable. [1] Includes other races not shown separately. [2] Total unemployment as percent of civilian labor force. [3] Children under 18 years old. [4] For definition of median, see Guide to Tabular Presentation. [5] For explanation of poverty level, see text, section 14.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, Nos. 432 and 433 and series P-60, Nos. 161 and 162. Labor force data are published by U.S. Bureau of Labor Statistics, *Employment and Earnings*, January issues.

No. 44. Social and Economic Characteristics of the Asian, Pacific Islander, American Indian, Eskimo and Aleut Populations: 1980

[**In percent, except as indicated.** As of **April 1.** Based on a sample from the 1980 Census of Population; see text, section 1, and Appendix III]

Characteristic	Total population [1]	Asian and Pacific Islander: Total	Asian: Total [2]	Asian: Chinese	Asian: Filipino	Asian: Japanese	Asian: Asian Indian	Asian: Korean	Asian: Vietnamese	Pacific Islander: Total [3]	Pacific Islander: Hawaiian	Pacific Islander: Guamanian	Pacific Islander: Samoan	American Indian, Eskimo, and Aleut: Total	American Indian, Eskimo, and Aleut: American Indian
Total (1,000)	**226,546**	**3,726**	**3,467**	**812**	**782**	**716**	**387**	**357**	**245**	**260**	**172**	**31**	**40**	**1,534**	**1,479**
Age:															
Under 5 years old	7.2	8.6	8.4	7.1	9.0	5.2	11.1	10.6	10.0	10.8	10.0	9.1	14.1	10.1	10.1
5–14 years old	15.4	16.8	16.5	14.0	18.1	11.3	16.0	21.7	24.8	20.4	19.2	19.9	25.7	20.8	20.8
15–24 years old	18.7	17.3	16.9	17.9	15.9	17.4	11.3	15.6	23.2	23.1	22.5	26.6	22.5	22.4	22.3
25–34 years old	16.4	21.5	21.8	23.0	20.9	18.9	25.5	21.0	21.6	17.4	16.4	21.7	16.9	16.9	16.9
35–44 years old	11.3	14.2	14.4	12.9	15.5	12.8	18.1	18.0	10.4	11.3	11.7	10.5	10.4	11.1	11.1
45–64 years old	19.7	15.7	15.9	18.1	13.5	27.0	10.1	10.5	8.0	12.6	14.7	9.7	8.4	13.4	13.5
65–74 years old	6.9	3.6		4.6	5.2	4.2	3.9	1.8	1.4		3.7	1.6	1.3	3.4	3.4
75 years old and over	4.4	2.1	6.1	2.3	2.0	3.1	4.1	.6	.5	4.4	1.9	.8	.7	1.8	1.8
Percent foreign born	6.2	58.6	62.1	63.3	64.7	28.4	70.4	81.9	90.5	11.8	1.6	9.5	35.6	2.5	2.5
Years of school completed:															
Persons 25 years old and over (1,000)	132,836	2,137	2,018	495	446	473	239	185	103	119	83	14	15	715	691
Less than 5 years of school	3.6	6.4	(NA)	10.3	7.0	2.3	3.1	4.0	10.3	(NA)	3.2	4.9	5.9	8.4	8.1
4 years of high school or more	66.5	74.8	75.3	71.3	74.2	81.6	80.1	78.1	62.2	67.2	68.4	67.9	61.2	55.5	55.8
4 or more years of college	16.2	32.9	34.3	36.6	37.0	26.4	51.9	33.7	12.9	9.3	9.6	8.2	7.3	7.7	7.7
Labor force status:															
Civilian labor force (1,000)	104,450	1,773	1,667	415	380	395	181	149	88	105	74	13	12	584	567
Percent unemployed [4]	6.5	4.7	4.6	3.6	4.8	3.0	5.8	5.7	8.2	7.3	7.0	6.8	9.7	13.2	13.0
Family type and size:															
Total families (1,000)	59,190	818	765	192	168	168	98	67	42	53	36	7	7	341	331
Married couple	82.8	84.4	85.1	86.8	83.6	84.1	91.0	86.0	72.8	75.4	73.2	79.6	78.0	71.6	71.9
Female householder, no spouse present	13.9	10.8	10.2	8.5	11.8	11.9	5.7	10.8	14.8	19.4	21.3	14.7	18.2	22.7	22.7
Male householder, no spouse present	3.4	4.8	4.7	4.7	4.6	4.0	3.4	3.2	12.4	5.2	5.5	5.8	3.8	5.5	5.4
Average size of family [5]	3.27	3.98	3.96	3.65	4.20	3.59	3.45	4.88	5.16	4.25	4.10	3.94	5.16	3.83	3.82
Family income, 1979:															
Median income (dol.) [6]	19,917	22,713	23,095	22,559	23,687	27,354	24,993	20,459	12,840	17,984	19,196	18,218	14,242	13,724	13,678
Families below poverty level (1,000) [7]	5,670	87	79	20	10	7	7	9	15	8	5	1	2	81	79
Percent below poverty level	9.6	10.7	10.3	10.5	6.2	4.2	7.4	13.1	35.1	16.1	14.3	11.6	27.5	23.7	23.7

NA Not available. [1] Includes other races, not shown separately. [2] Includes all other Asians not shown separately. [3] Includes all other Pacific Islanders not shown separately. [4] Total unemployment as percent of civilian labor force. [5] Refers only to Asian and Pacific Islander persons in primary families with an Asian and Pacific Islander householder. [6] For definition of median, see Guide to Tabular Presentation. [7] For explanation of poverty level, see text, section 14.

Source: U.S. Bureau of the Census, *1980 Census of Population,* vol. 1, chapter C (PC80-1-C) and vol. 2, chapter 1E (PC80-2-1E).

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No. 45. Social and Economic Characteristics of the Hispanic Population: 1988

[**As of March, except labor force status, annual average.** Excludes members of the Armed Forces except those living off post or with their families on post. Based on Current Population Survey; see text, section 1, and Appendix III]

Characteristic	Number (1,000)						Percent distribution					
	Hispanic, total	Mexican	Puerto Rican	Cuban	Central and South American	Other Hispanic	Hispanic, total	Mexican	Puerto Rican	Cuban	Central and South American	Other Hispanic
Total persons	**19,431**	**12,110**	**2,471**	**1,035**	**2,242**	**1,573**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Under 5 years old	2,086	1,431	262	48	192	153	10.7	11.8	10.6	4.7	8.5	9.8
5–14 years old	3,740	2,545	527	105	322	241	19.2	21.0	21.3	10.1	14.4	15.3
15–44 years old	10,076	6,231	1,256	448	1,356	784	51.9	51.5	50.8	43.3	60.5	49.8
45–64 years old	2,630	1,430	331	300	314	254	13.5	11.8	13.4	29.0	14.0	16.1
65 years old and over	903	473	96	135	57	141	4.6	3.9	3.9	13.0	2.5	9.0
YEARS OF SCHOOL COMPLETED												
Persons 25 years old and over	**9,940**	**5,752**	**1,231**	**735**	**1,275**	**948**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Elementary: 0–8 years	3,459	2,315	371	223	333	214	34.9	40.2	30.3	30.4	26.1	22.6
High school: 1–3 years	1,415	870	235	67	128	115	14.2	15.1	19.1	9.1	10.1	12.2
4 years	2,815	1,526	346	201	415	327	28.3	26.5	28.1	27.3	32.5	34.4
College: 1–3 years	1,257	633	160	117	188	159	12.6	11.0	13.0	16.0	14.7	16.8
4 years or more	995	407	118	126	211	133	10.0	7.1	9.6	17.2	16.5	14.0
LABOR FORCE STATUS												
Civilians 16 years old and over	**13,325**	**8,013**	**1,599**	**849**	(NA)	(NA)	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Civilian labor force	8,982	5,572	883	565	(NA)	(NA)	67.4	69.5	55.2	66.5	(NA)	(NA)
Employed	8,250	5,066	807	537	(NA)	(NA)	61.9	63.2	50.5	63.3	(NA)	(NA)
Unemployed	732	506	76	28	(NA)	(NA)	5.5	6.3	4.8	3.3	(NA)	(NA)
Unemployment rate [1]	8.2	9.1	8.6	5.0	(NA)	(NA)	(X)	(X)	(X)	(X)	(X)	(X)
Not in labor force	4,342	2,441	716	284	(NA)	(NA)	32.6	30.5	44.8	33.5	(NA)	(NA)
FAMILY TYPE												
Total families	**4,588**	**2,671**	**668**	**311**	**544**	**395**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
With own children [2]	2,991	1,826	461	(NA)	(NA)	(NA)	65.2	68.4	69.0	(NA)	(NA)	(NA)
Married couple	3,204	1,988	345	(NA)	(NA)	(NA)	69.8	74.4	51.6	(NA)	(NA)	(NA)
With own children [2]	2,123	1,415	218	(NA)	(NA)	(NA)	46.3	53.0	32.6	(NA)	(NA)	(NA)
Female householder, no spouse present	1,072	493	294	(NA)	(NA)	(NA)	23.4	18.5	44.0	(NA)	(NA)	(NA)
With own children [2]	754	331	237	(NA)	(NA)	(NA)	16.4	12.4	35.5	(NA)	(NA)	(NA)
Male householder, no spouse present	312	189	29	(NA)	(NA)	(NA)	6.8	7.1	4.3	(NA)	(NA)	(NA)
With own children [2]	114	80	5	(NA)	(NA)	(NA)	2.5	3.0	.7	(NA)	(NA)	(NA)
FAMILY INCOME IN 1987												
Total families	**4,588**	**2,671**	**668**	**311**	**544**	**395**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Less than $5,000	392	208	90	14	39	41	8.6	7.8	13.5	4.5	7.2	10.3
$5,000–$9,999	660	341	153	37	65	65	14.4	12.7	23.1	11.7	11.8	16.6
$10,000–$14,999	673	450	87	32	61	43	14.7	16.8	13.1	10.2	11.4	10.8
$15,000–$24,999	1,002	617	125	60	123	77	21.8	23.1	16.6	19.8	22.6	19.5
$25,000–$34,999	720	439	97	39	85	59	15.8	16.5	14.7	12.8	15.3	15.1
$35,000–$49,999	642	351	64	62	108	57	13.9	13.1	9.5	19.9	19.9	14.3
$50,000 or more	497	264	50	66	64	53	10.9	9.9	7.6	21.2	11.8	13.4
Median income (dol.) [3]	20,306	19,968	15,185	27,294	22,939	21,196	(X)	(X)	(X)	(X)	(X)	(X)
Persons below poverty level [4]	5,470	3,423	994	(NA)	(NA)	(NA)	28.2	28.3	40.3	(NA)	(NA)	(NA)
HOUSING TENURE												
Total occupied units	**5,698**	(NA)	(NA)	(NA)	(NA)	(NA)	**100.0**	(NA)	(NA)	(NA)	(NA)	(NA)
Owner-occupied	2,292	(NA)	(NA)	(NA)	(NA)	(NA)	40.2	(NA)	(NA)	(NA)	(NA)	(NA)
Renter-occupied [5]	3,406	(NA)	(NA)	(NA)	(NA)	(NA)	59.8	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. X Not applicable. [1] Total unemployment as percent of civilian labor force. [2] Children under 18 years old. [3] For definition of median, see Guide to Tabular Presentation. [4] For explanation of poverty level, see text, section 14. [5] Includes no cash rent.

Source: U.S. Bureau of the Census, *Current Population Reports*, P-60, No. 162 and P-20, No. 431. Labor force data are published by U.S. Bureau of Labor Statistics, *Employment and Earnings*, January 1989.

No. 46. Native and Foreign-Born Population, by Place of Birth: 1920 to 1980

[**In thousands, except percent.** 1950 based on 20-percent sample; 1960 on 25-percent sample; 1970 on 15-percent sample. 1980 data are based on a sample from the 1980 census; see text, section 1. See source for sampling variability. See also *Historical Statistics, Colonial Times to 1970*, series C 1-10]

Year	Total population	Native population: Total	Born in State of residence	Born in other States: Number	Born in other States: Percent of native population	State of birth not reported	Born in outlying areas [1]	Born abroad or at sea of American parents	Foreign-born: Number	Foreign-born: Percent of total population
1920	106,022	[2] 92,001	71,071	20,274	22.1	314	38	93	14,020	13.2
1930	123,203	[2] 108,919	82,678	25,388	23.4	238	136	131	14,283	11.6
1940	132,165	[2] 120,508	92,610	26,906	22.4	280	157	122	11,657	8.8
1950	150,845	[2] 140,413	102,788	35,284	25.2	1,370	330	96	10,431	6.9
1960	179,326	169,588	119,293	44,691	26.4	4,541	660	402	9,738	5.4
1970	203,210	193,591	131,718	50,639	26.2	8,973	891	1,370	9,619	4.7
1980	226,546	212,466	144,871	65,452	30.8	(3)	1,088	1,055	14,080	6.2

[1] 1920-1950, includes Alaska and Hawaii. Includes Puerto Rico. [2] Includes some persons born abroad of American parents, not shown separately. [3] Place of birth was allocated to those who did not report.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960*, vol. II, part 2A; *1970*, vol. I, parts C and D; *1980 Census of Population*, vol. 1, chapter C (PC80-1-C) and chapter D (PC80-1-D).

No. 47. Foreign-Born Population by Place of Birth—Selected Characteristics: 1980

[**In percent, except as indicated.** As of **April 1.** Based on a sample and subject to sampling variability, see text, section 1, and Appendix III]

Place of birth	Foreign-born persons (1,000)	Year of immigration: 1975-1980	1970-1974	1960-1969	Before 1960	Not a citizen	Education [1]: High school graduates	College graduates [2]	Occupation of employed persons [3]: Professional specialty	Service occupations
Total [4]	**14,079.9**	**23.7**	**15.8**	**22.3**	**38.2**	**49.5**	**53.1**	**15.8**	**12.0**	**16.1**
Europe [4]	**4,743.3**	**8.1**	**7.5**	**19.1**	**65.2**	**27.7**	**51.4**	**12.3**	**12.5**	**14.7**
Austria	145.6	2.7	1.8	7.6	87.9	13.0	50.2	15.1	19.8	11.6
Czechoslovakia	112.7	3.3	4.3	15.0	77.4	12.6	47.7	14.7	16.0	12.3
England	442.5	14.3	7.6	22.0	56.1	42.0	74.6	16.4	17.4	12.2
France	120.2	13.9	7.2	23.9	55.0	35.9	74.3	22.8	17.2	17.9
Germany	849.4	6.2	4.4	20.6	68.8	21.4	67.3	14.9	13.4	14.1
Greece	211.0	12.9	19.1	27.7	40.3	35.0	40.4	9.5	8.0	25.0
Hungary	144.4	3.8	4.5	10.8	81.0	14.0	53.4	16.6	17.3	10.3
Ireland	197.8	3.7	3.6	14.5	78.1	18.8	52.1	8.8	14.5	21.7
Italy	831.9	4.0	8.1	18.2	69.8	22.6	28.6	5.3	6.1	16.3
Netherlands	103.1	8.3	4.4	21.2	66.1	31.8	67.6	20.3	15.7	11.1
Norway	63.4	6.0	2.3	9.5	82.2	22.2	48.6	11.8	16.4	11.9
Poland	418.1	6.0	5.0	14.5	74.5	22.2	40.5	10.0	10.8	13.5
Portugal [5]	211.6	21.7	23.3	34.0	21.0	61.6	22.3	3.3	2.3	10.0
Romania	67.0	17.0	10.2	16.8	56.0	26.6	53.2	19.0	18.6	12.3
Scotland	142.0	5.9	4.2	17.6	72.2	28.6	68.0	9.8	12.1	14.2
Spain	73.7	17.0	17.9	34.4	30.6	50.9	46.9	12.7	14.1	18.4
Sweden	77.2	7.9	2.8	8.8	80.5	23.2	48.0	11.9	19.0	12.6
Yugoslavia	153.0	7.4	16.2	23.9	52.5	32.4	41.1	10.2	8.4	18.1
Soviet Union	**406.0**	**21.1**	**3.2**	**5.3**	**70.4**	**27.4**	**47.2**	**15.7**	**15.9**	**13.2**
Asia [4]	**2,539.8**	**47.0**	**22.4**	**18.1**	**12.5**	**65.2**	**73.0**	**35.9**	**20.3**	**16.2**
China: Mainland	286.1	27.2	20.3	27.3	25.2	49.7	60.0	29.5	16.8	24.4
Taiwan	75.4	54.6	26.5	17.0	1.9	71.1	89.1	59.8	30.4	13.7
Hong Kong	80.4	34.9	27.6	30.9	6.6	61.7	80.3	42.7	19.1	18.6
India	206.1	43.7	33.1	19.3	3.9	76.0	88.9	66.2	42.8	5.3
Iran	121.5	71.9	12.7	9.7	5.7	85.4	87.1	42.8	25.9	14.4
Israel	67.0	34.1	18.9	25.0	22.0	48.2	78.8	34.9	24.9	6.8
Japan	221.8	31.6	13.6	22.7	32.1	56.7	78.0	24.4	13.6	20.8
Korea	289.9	52.3	31.6	13.0	3.1	65.4	77.8	34.2	14.7	17.0
Philippines	501.4	34.4	29.2	22.6	13.8	55.3	74.0	41.8	20.1	16.2
Vietnam	231.1	90.5	7.1	2.1	.2	88.9	62.1	12.9	8.6	16.4
Canada	**842.9**	**9.8**	**5.4**	**20.1**	**64.7**	**39.0**	**61.8**	**14.3**	**16.2**	**11.4**
Central America [4]	**2,553.1**	**33.7**	**24.5**	**22.5**	**19.4**	**75.8**	**26.1**	**4.1**	**3.0**	**18.0**
El Salvador	94.4	51.3	25.9	16.8	6.1	85.7	41.4	6.5	2.6	31.7
Mexico	2,199.2	33.0	24.7	21.9	20.3	76.4	21.3	3.0	2.5	16.6
Caribbean [4]	**1,258.4**	**18.6**	**24.1**	**45.5**	**11.9**	**61.1**	**56.3**	**13.1**	**8.8**	**18.8**
Cuba	607.8	6.3	20.5	60.4	12.8	54.9	54.9	16.1	9.2	12.2
Dominican Republic	169.1	31.0	25.8	37.2	6.1	74.5	30.1	4.3	3.1	18.5
Haiti	92.4	33.6	31.0	30.8	4.6	73.9	64.4	13.4	8.0	27.4
Jamaica	196.8	30.6	28.0	29.8	11.6	63.7	63.5	11.0	10.2	29.9
Trinidad and Tobago	65.9	27.6	34.2	30.7	7.4	70.7	70.3	12.4	10.3	23.3
South America [4]	**561.0**	**32.6**	**23.6**	**33.0**	**10.7**	**71.1**	**68.0**	**16.4**	**11.1**	**16.2**
Argentina	68.9	25.3	17.9	40.3	16.5	61.2	70.9	24.2	16.3	13.1
Colombia	143.5	29.6	25.4	37.1	7.9	75.1	62.8	14.6	8.1	15.8
Ecuador	86.1	25.5	27.7	39.2	7.6	75.3	56.0	9.3	5.3	14.7

[1] For persons 25 years old and over. [2] Completed 4 years or more of college. [3] For persons 16 years old and over. [4] Includes areas not shown separately. [5] Includes persons born in Azores.

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. 1, chapter D (PC80-1-D) and unpublished data.

No. 48. Population by Selected Ancestry Group and Region: 1980

[**As of April 1.** Covers persons who reported single and multiple ancestry groups. Persons who reported a multiple ancestry group may be included in more than one category. Major classifications of ancestry groups do not represent strict geographic or cultural definitions. The European ancestry groups shown are those with one million or more persons and other groups shown are those with 75,000 or more persons. Based on a sample and subject to sampling variability; see text, section 1 and Appendix III. For composition of regions, see fig. I, inside front cover]

Ancestry group	Number (1,000)	Percent distribution, by region			
		Northeast	Midwest	South	West
European: [1]					
English	49,596	16	23	40	21
German	49,224	19	41	22	18
Irish	40,166	24	26	32	18
French [2]	12,892	26	27	27	19
Italian	12,184	57	16	13	14
Scottish	10,049	19	23	35	24
Polish	8,228	41	38	11	10
Dutch	6,304	18	35	26	20
Swedish	4,345	15	43	12	31
Norwegian	3,454	7	55	7	31
Russian [3]	2,781	48	17	16	19
Czech [4]	1,892	18	49	18	15
Hungarian	1,777	39	33	13	14
Welsh	1,665	25	27	22	27
Danish	1,518	9	38	10	43
Portuguese	1,024	50	3	6	41
Other:					
Lebanese	295	31	27	26	16
Armenian	213	39	14	5	42
Iranian	123	17	15	26	42
Syrian	107	47	20	18	15
Arab/Arabian [5]	93	19	29	21	30
Afro-American	20,965	17	22	53	9
African [5]	204	33	19	33	15
Other—Con.					
Chinese	894	25	9	12	55
Filipino	795	10	11	11	68
Japanese	791	7	8	9	77
Korean	377	18	18	20	43
Asian Indian	312	35	23	23	19
Vietnamese	215	9	14	33	44
Jamaican	253	70	6	18	5
Haitian	90	72	4	21	2
Mexican	7,693	1	9	35	55
Spanish/Hispanic [5]	2,687	23	8	26	43
Puerto Rican	1,444	73	11	8	7
Cuban	598	24	4	63	9
Dominican	171	91	1	6	2
Colombian	156	54	7	26	13
Spaniard	95	36	6	36	22
Ecuadoran	88	64	7	11	18
Salvadoran	85	13	3	9	75
Hawaiian	202	2	3	6	89
American Indian	6,716	9	24	44	24
French Canadian	780	47	23	13	17
Canadian	456	42	19	15	23

[1] Excludes Spaniard. [2] Excludes French Basque. [3] Represents persons who reported as "Russian," "Great Russian," "Georgian," and other related European or Asian groups. Excludes Ukrainian, Ruthenian, Belorussian and some other distinct ethnic groups. See source for further information. [4] Includes persons who reported as "Czech," "Bohemian," and "Moravian," as well as the general response of "Czechoslovakian." [5] Represents a general type of response which may encompass several ancestry groups.

Source: U.S. Bureau of the Census, *1980 Census of Population, Supplementary Report*, series PC80-S1-10.

No. 49. Marital Status of the Population, by Sex and Age: 1988

[As of **March. Persons 18 years old and over.** Excludes members of Armed Forces except those living off post or with their families on post. Based on Current Population Survey; see text, section 1, and Appendix III. See *Historical Statistics, Colonial Times to 1970*, series A 160-171, for decennial census data]

Sex and age	Number of persons (1,000)					Percent distribution				
	Total	Single	Married	Widowed	Divorced	Total	Single	Married	Widowed	Divorced
Male	**84,776**	**21,517**	**55,217**	**2,293**	**5,749**	**100.0**	**25.4**	**65.1**	**2.7**	**6.8**
18-19 years old	3,581	3,459	95	2	25	100.0	96.6	2.7	.1	.7
20-24 years old	9,254	7,193	1,926	8	126	100.0	77.7	20.8	.1	1.4
25-29 years old	10,669	4,619	5,480	14	556	100.0	43.3	51.4	.1	5.2
30-34 years old	10,651	2,665	7,052	19	915	100.0	25.0	66.2	.2	8.6
35-39 years old	9,321	1,305	6,953	45	1,019	100.0	14.0	74.6	.5	10.9
40-44 years old	7,755	580	6,330	33	812	100.0	7.5	81.6	.4	10.5
45-54 years old	11,520	651	9,585	152	1,132	100.0	5.6	83.2	1.3	9.8
55-64 years old	10,186	501	8,602	380	703	100.0	4.9	84.4	3.7	6.9
65-74 years old	7,736	372	6,334	670	360	100.0	4.8	81.9	8.7	4.7
75 years old and over	4,101	173	2,858	970	100	100.0	4.2	69.7	23.7	2.4
Female	**92,901**	**17,364**	**56,128**	**11,239**	**8,170**	**100.0**	**18.7**	**60.4**	**12.1**	**8.8**
18-19 years old	3,640	3,249	340	2	48	100.0	89.3	9.3	.1	1.3
20-24 years old	9,586	5,859	3,419	22	286	100.0	61.1	35.7	.2	3.0
25-29 years old	10,854	3,201	6,755	52	846	100.0	29.5	62.2	.5	7.8
30-34 years old	10,795	1,739	7,813	69	1,175	100.0	16.1	72.4	.6	10.9
35-39 years old	9,533	855	7,246	133	1,298	100.0	9.0	76.0	1.4	13.6
40-44 years old	8,073	504	6,181	195	1,193	100.0	6.2	76.6	2.4	14.8
45-54 years old	12,275	621	9,352	718	1,584	100.0	5.1	76.2	5.8	12.9
55-64 years old	11,458	458	8,098	1,915	986	100.0	4.0	70.7	16.7	8.6
65-74 years old	9,736	445	5,192	3,535	565	100.0	4.6	53.3	36.3	5.8
75 years old and over	6,955	433	1,732	4,599	190	100.0	6.2	24.9	66.1	2.7

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 433.

No. 50. Marital Status of the Population, by Sex, Race, and Hispanic Origin: 1970 to 1988

[In millions, except percent. As of March, except as noted. Persons 18 years old and over, except as noted. Excludes members of Armed Forces except those living off post or with their families on post. Except as noted, based on Current Population Survey, see text, section 1 and Appendix III. See *Historical Statistics, Colonial Times to 1970,* series A 160–171, for decennial data]

Marital status, race, and Hispanic origin	Total				Male				Female			
	1970	1980	1985	1988	1970	1980	1985	1988	1970	1980	1985	1988
Total [1]	**132.5**	**159.5**	**171.4**	**177.7**	**62.5**	**75.7**	**81.5**	**84.8**	**70.0**	**83.8**	**89.9**	**92.9**
Single	21.4	32.3	36.9	38.9	11.8	18.0	20.5	21.5	9.6	14.3	16.4	17.4
Married	95.0	104.6	107.9	111.3	47.1	51.8	53.5	55.2	47.9	52.8	54.4	56.1
Widowed	11.8	12.7	13.5	13.5	2.1	2.0	2.1	2.3	9.7	10.8	11.4	11.2
Divorced	4.3	9.9	13.1	13.9	1.6	3.9	5.3	5.7	2.7	6.0	7.8	8.2
Percent of total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Single	16.2	20.3	21.5	21.9	18.9	23.8	25.2	25.4	13.7	17.1	18.2	18.7
Married	71.7	65.5	63.0	62.7	75.3	68.4	65.7	65.1	68.5	63.0	60.4	60.4
Widowed	8.9	8.0	7.9	7.6	3.3	2.6	2.6	2.7	13.9	12.8	12.6	12.1
Divorced	3.2	6.2	7.6	7.8	2.5	5.2	6.5	6.8	3.9	7.1	8.7	8.8
Percent standardized for age: [2]												
Single	14.1	16.5	18.6	19.8	16.5	18.7	21.1	22.1	12.1	14.5	16.3	17.6
Married	74.2	69.3	65.9	65.0	77.6	72.9	69.4	68.0	70.8	65.9	62.8	62.3
Widowed	8.3	7.6	7.3	7.0	3.3	2.7	2.7	2.7	13.0	12.1	11.6	10.9
Divorced	3.4	6.6	8.1	8.2	2.6	5.6	6.9	7.1	4.1	7.6	9.3	9.2
White, total	**118.2**	**139.5**	**148.1**	**152.6**	**55.9**	**66.7**	**70.9**	**73.4**	**62.2**	**72.8**	**77.2**	**79.3**
Single	18.4	26.4	29.3	30.8	10.2	15.0	16.7	17.5	8.2	11.4	12.6	13.3
Married	85.8	93.8	96.3	98.6	42.7	46.7	47.9	49.2	43.1	47.1	48.4	49.5
Widowed	10.3	10.9	11.4	11.5	1.7	1.6	1.7	1.9	8.6	9.3	9.7	9.6
Divorced	3.7	8.3	11.1	11.7	1.3	3.4	4.5	4.8	2.3	5.0	6.5	6.9
Percent of total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Single	15.6	18.9	19.8	20.2	18.2	22.5	23.6	23.8	13.2	15.7	16.3	16.8
Married	72.6	67.2	65.0	64.6	76.3	70.0	67.6	67.0	69.3	64.7	62.7	62.4
Widowed	8.7	7.8	7.7	7.5	3.1	2.5	2.5	2.6	13.8	12.8	12.5	12.1
Divorced	3.1	6.0	7.5	7.7	2.4	5.0	6.4	6.6	3.8	6.8	8.5	8.7
Black, total	**13.0**	**16.6**	**18.6**	**19.5**	**5.9**	**7.4**	**8.3**	**8.8**	**7.1**	**9.2**	**10.3**	**10.8**
Single	2.7	5.1	6.4	6.7	1.4	2.5	3.1	3.2	1.2	2.5	3.3	3.5
Married	8.3	8.5	8.6	9.1	3.9	4.1	4.2	4.4	4.4	4.5	4.4	4.8
Widowed	1.4	1.6	1.8	1.8	.3	.3	.3	.3	1.1	1.3	1.5	1.4
Divorced	.6	1.4	1.8	2.0	.2	.5	.6	.8	.4	.9	1.1	1.1
Percent of total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Single	20.6	30.5	34.6	34.3	24.3	34.3	37.8	37.0	17.4	27.4	32.0	32.1
Married	64.1	51.4	46.3	46.7	66.9	54.6	50.7	49.8	61.7	48.7	42.7	44.2
Widowed	11.0	9.8	9.6	9.0	5.2	4.2	3.9	3.9	15.8	14.3	14.3	13.1
Divorced	4.4	8.4	9.5	10.0	3.6	7.0	7.6	9.3	5.0	9.5	11.0	10.5
Hispanic, [3] **total**	**5.9**	**7.9**	**10.8**	**12.6**	**2.8**	**3.8**	**5.3**	**6.3**	**3.0**	**4.1**	**5.5**	**6.3**
Single	1.7	1.9	2.8	3.4	.9	1.0	1.6	2.0	.8	.9	1.1	1.4
Married	3.7	5.2	6.8	7.7	1.8	2.5	3.3	3.8	1.9	2.6	3.5	3.9
Widowed	.3	.4	.6	.5	.1	.1	.1	.1	.2	.3	.4	.4
Divorced	.2	.5	.7	.9	.1	.2	.3	.4	.1	.3	.4	.6
Percent of total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Single	29.3	24.1	25.5	26.9	32.2	27.3	30.8	32.0	26.5	21.1	20.4	21.8
Married	62.4	65.6	62.7	61.5	63.5	67.1	61.5	60.6	61.5	64.3	63.8	62.3
Widowed	4.9	4.4	5.1	4.3	2.0	1.6	2.3	1.8	7.6	7.1	7.8	6.7
Divorced	3.4	5.8	6.7	7.4	2.3	4.0	5.4	5.6	4.4	7.6	8.0	9.2

[1] Includes persons of other races, not shown separately. [2] 1960 age distribution used as standard; standardization improves comparability over time by removing effects of changes in age distribution of population. [3] Hispanic persons may be of any race. 1970 data as of April and covers persons 14 years old and over.

Source: U.S. Bureau of the Census, *Census of Population: 1970, Persons of Spanish Origin;* PC(2)1C, *Current Population Reports,* series P–20, No. 433 and earlier reports.

No. 51. Divorced Persons per 1,000 Married Persons With Spouse Present, by Sex, Race, and Age: 1970 to 1988

[As of **March, 1970** and **1975, persons 14 years old and over;** beginning **1980, 15 years old and over.** See headnote, table 50]

Year	Total	Male	Female	Sex and year	Race: White	Race: Black	Age: 15–29 years	Age: 30–44 years	Age: 45–64 years	Age: 65 years old and over
1970	47	35	60	Male: 1970	32	62	[1] 28	33	40	32
1975	69	54	84	1980	74	149	78	104	70	48
1980	100	79	120	1985	98	179	100	138	93	49
1984	121	96	146	1988	102	216	103	143	105	52
1985	128	103	153	Female: 1970	56	104	[1] 46	61	66	69
1986	131	106	157	1980	110	258	108	147	112	89
1987	130	107	154	1985	142	326	117	190	151	111
1988	133	110	156	1988	146	311	124	186	156	113

[1] 14–29 years.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P–20, No. 433 and earlier reports.

No. 52. Single (Never-Married) Persons as Percent of Total Population, by Sex and Age: 1970 to 1988

[As of **March. Persons 18 years old and over.** Based on Current Population Survey; see headnote, table 49]

AGE	MALE					FEMALE				
	1970	1975	1980	1985	1988	1970	1975	1980	1985	1988
Total	**18.9**	**20.8**	**23.8**	**25.2**	**25.4**	**13.7**	**14.6**	**17.1**	**18.2**	**18.7**
18–19 years old	92.8	93.1	94.3	97.1	96.6	75.6	77.7	82.8	86.7	89.3
20–24 years old	54.7	59.9	68.8	75.6	77.7	35.8	40.3	50.2	58.5	61.1
25–29 years old	19.1	22.3	33.1	38.7	43.3	10.5	13.8	20.9	26.4	29.5
30–34 years old	9.4	11.1	15.9	20.8	25.0	6.2	7.5	9.5	13.5	16.1
35–39 years old	7.2	8.6	7.8	10.1	14.0	5.4	5.0	6.2	8.1	9.0
40–44 years old	6.3	7.2	7.1	8.6	7.5	4.9	4.8	4.8	5.3	6.2
45–54 years old	7.5	6.3	6.1	6.3	5.6	4.9	4.6	4.7	4.6	5.1
55–64 years old	7.8	6.5	5.3	6.1	4.9	6.8	5.1	4.5	3.7	4.0
65 years old and over	7.5	4.7	4.9	5.3	4.6	7.7	5.8	5.9	5.1	5.3
65–74 years old	8.0	4.3	5.2	5.2	4.8	7.8	5.8	5.6	4.4	4.6
75 years old and over	6.6	5.5	4.2	5.3	4.2	7.5	5.8	6.3	6.2	6.2

Source: U.S. Bureau of the Census, *Current Population Reports*, series P–20, No. 433 and earlier reports.

No. 53. Interracial Married Couples: 1970 to 1988

[In **thousands. 1970** data as of **April; 1980** and **1988** data as of **March, 1970, persons 14 years old and over; 1980** and **1988, persons 15 years old and over. 1980** and **1988** based on Current Population Survey; see headnote, table 49]

ITEM	1970	1980	1988	ITEM	1970	1980	1988
Total married couples	**44,597**	**49,714**	**52,613**	Other interracial married couples	245	484	738
Interracial married couples	**310**	**651**	**956**	Husband Black	8	20	26
All Black-White married couples	65	167	218	Wife Black	4	14	9
Husband Black, wife White	41	122	149	Husband White	139	287	434
Wife Black, husband White	24	45	69	Wife White	94	163	269

Source: U.S. Bureau of the Census, *Census of Population: 1970, Marital Status*, PC(2)–4C; *Current Population Reports*, series P–20, No. 437 and earlier reports.

No. 54. Unmarried Couples, by Selected Characteristics, 1970 to 1988, and by Marital Status of Partners, 1988

[**In thousands.** As of **March,** except **1970,** as of **April.** An "unmarried couple" is two unrelated adults of the opposite sex sharing the same household. See headnote, table 55]

PRESENCE OF CHILDREN AND AGE OF HOUSEHOLDER	1970	1980	1985	1988	MARITAL STATUS OF MALE	Total	MARITAL STATUS OF FEMALE			
							Never married	Divorced	Widowed	Married, husband absent
Unmarried couples	**523**	**1,589**	**1,983**	**2,588**	**Total, 1988**	**2,588**	**1,364**	**875**	**177**	**172**
No children under 15 yr	[1] 327	1,159	1,380	1,786	Never married	1,401	968	300	62	71
Some children under 15 yr	[1] 196	431	603	802	Divorced	894	313	469	58	54
Under 25 yr. old	55	411	425	510	Widowed	80	19	21	35	5
25–44 yr. old	103	837	1,203	1,635	Married, wife absent	213	64	85	22	42
45–64 yr. old	186	221	239	325						
65 yr. old and over	178	119	116	118						

[1] Children in unmarried-couple households are under 14 years old.

Source: U.S. Bureau of the Census, *1970 Census of Population*, vol. II, part 4B, and *Current Population Reports*, series P–20, No. 433 and earlier reports.

No. 55. Households, Families, Subfamilies, Married Couples, and Unrelated Individuals: 1960 to 1989

[**In thousands, except as indicated.** As of **March.** Based on Current Population Survey; includes members of Armed Forces living off post or with their families on post, but excludes all other members of Armed Forces; see text, section 1 and Appendix III. For definition of terms, see text, section 1. Minus sign (–) indicates decrease. See also *Historical Statistics, Colonial Times to 1970,* series A 288–319]

TYPE OF UNIT	1960	1970	1975	1980	1985	1986	1987	1988	1989	PERCENT CHANGE 1970–1980	PERCENT CHANGE 1980–1989
Households	**52,799**	**63,401**	**71,120**	**80,776**	**86,789**	**88,458**	**89,479**	**91,066**	**92,830**	**27.4**	**14.9**
Average size	3.33	3.14	2.94	2.76	2.69	2.67	2.66	2.64	2.62	(x)	(x)
Family households	44,905	51,456	55,563	59,550	62,706	63,558	64,491	65,133	65,837	15.7	10.6
Married couple	39,254	44,728	46,951	49,112	50,350	50,933	51,537	51,809	52,100	9.8	6.1
Male householder [1]	1,228	1,228	1,465	1,733	2,228	2,414	2,510	2,715	2,847	41.1	64.3
Female householder [1]	4,422	5,500	7,127	8,705	10,129	10,211	10,445	10,608	10,890	58.3	25.1
Nonfamily households	7,895	11,945	15,557	21,226	24,082	24,900	24,988	25,933	26,994	77.7	27.2
Male householder	2,716	4,063	5,912	8,807	10,114	10,648	10,652	11,310	11,874	116.8	34.8
Female householder	5,179	7,882	9,645	12,419	13,968	14,252	14,336	14,624	15,120	57.6	21.7
One person	6,896	10,851	13,939	18,296	20,602	21,178	21,128	21,889	22,708	68.6	24.1
Families	**45,111**	**51,586**	**55,712**	**59,550**	**62,706**	**63,558**	**64,491**	**65,133**	**65,837**	**15.4**	**10.6**
Average size	3.67	3.58	3.42	3.29	3.23	3.21	3.19	3.17	3.16	(x)	(x)
Married couple	39,329	44,755	46,971	49,112	50,350	50,933	51,537	51,809	52,100	9.7	6.1
Male householder [1]	1,275	1,239	1,499	1,733	2,228	2,414	2,510	2,715	2,847	39.9	64.3
Female householder [1]	4,507	5,591	7,242	8,705	10,129	10,211	10,445	10,608	10,890	55.7	25.1
Unrelated subfamilies	**207**	**130**	**149**	**360**	**526**	**505**	**566**	**537**	**473**	**176.9**	**31.4**
Married couple	75	27	20	20	46	45	37	38	49	(B)	(B)
Male reference persons [1]	47	11	14	36	85	63	77	46	26	(B)	(B)
Female reference persons [1]	85	91	115	304	395	397	452	452	398	234.1	30.9
Related subfamilies	**1,514**	**1,150**	**1,349**	**1,150**	**2,228**	**2,256**	**2,286**	**2,397**	**2,278**	**–**	**98.1**
Married couple	871	617	576	582	719	726	712	765	775	–5.7	33.2
Father-child [1]	115	48	69	54	116	131	123	152	103	(B)	(B)
Mother-child [1]	528	484	705	512	1,392	1,399	1,451	1,480	1,400	5.8	173.4
Married couples	**40,200**	**45,373**	**47,547**	**49,714**	**51,114**	**51,704**	**52,286**	**52,613**	**52,924**	**9.6**	**6.5**
With own household	39,254	44,728	46,951	49,112	50,350	50,933	51,537	51,809	52,100	9.8	6.1
Without own household	946	645	596	602	764	771	749	803	824	–6.7	36.9
Percent without	2.4	1.4	1.3	1.2	1.5	1.5	1.4	1.5	1.6	(x)	(x)
Unrelated individuals	**11,092**	**14,988**	**19,100**	**26,426**	**30,518**	**31,506**	**31,914**	**33,124**	**34,499**	**76.3**	**30.5**
Nonfamily householders	7,895	11,945	15,557	21,226	24,082	24,900	24,988	25,933	26,994	77.7	27.2
Secondary individuals	3,198	3,043	3,543	5,200	6,436	6,606	6,926	7,191	7,505	70.9	44.3
Male	1,746	1,631	2,087	3,006	3,743	3,764	3,947	4,081	4,241	84.3	41.1
Female	1,451	1,412	1,456	2,194	2,693	2,842	2,978	3,110	3,264	55.4	48.8

– Represents zero. B Not shown; base less than 75,000. X Not applicable. [1] No spouse present.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P–20, No. 441.

No. 56. Households, by Type—Projections: 1990 to 2000

[**In thousands.** As of **July.** Series A reflects the assumption that the recent moderation in marriage and divorce trends will continue but that historical changes spanning the last 25 years must be taken into consideration. Series A assumes a continuation of past trends in householder proportions but changes in recent years are given more weight. Series B reflects assumptions intermediate between series A and C, namely changes in marriage and divorce will slow considerably, but will not cease during the next 15 years. Series C reflects the assumption that the rapid change in marriage and divorce may have come to an end, and householder proportions will remain constant for the next 15 years]

YEAR AND SERIES	Total	FAMILY Total	FAMILY Married couple	FAMILY Male householder [1]	FAMILY Female householder [1]	NONFAMILY Total	NONFAMILY Male householder	NONFAMILY Female householder
1990: Series A	95,243	65,964	51,704	2,723	11,538	29,279	13,008	16,270
Series B	94,227	66,758	53,012	2,581	11,165	27,469	11,946	15,523
Series C	93,297	67,535	54,282	2,455	10,798	25,762	10,949	14,814
1995: Series A	102,785	68,219	52,178	3,276	12,765	34,565	16,102	18,463
Series B	100,308	69,787	54,863	2,940	11,984	30,520	13,666	16,854
Series C	98,180	71,294	57,410	2,667	11,217	26,887	11,490	15,396
2000: Series A	110,217	70,024	52,263	3,845	13,916	40,193	19,471	20,722
Series B	105,933	72,277	56,294	3,282	12,701	33,656	15,452	18,204
Series C	102,440	74,449	60,080	2,855	11,515	27,991	11,985	16,006

[1] With no spouse present.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P–25, No. 986.

No. 57. White, Black and Hispanic Households, by Type: 1970 to 1988

[As of **March**, except as noted. Based on Current Population Survey, except as noted; see headnote, table 55. See also *Historical Statistics, Colonial Times to 1970*, series A 292-295 and A 320-334]

Race, Hispanic origin, and type	Number (1,000)					Percent distribution				
	1970	1975	1980	1985	1988	1970	1975	1980	1985	1988
White										
Total	**56,602**	**62,945**	**70,766**	**75,328**	**78,469**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Family households	46,166	49,334	52,243	54,400	56,044	81.6	78.4	73.8	72.2	71.4
Married couple	41,029	42,951	44,751	45,643	46,644	72.5	68.2	63.2	60.6	59.4
Male householder [1]	1,038	1,257	1,441	1,816	2,165	1.8	2.0	2.0	2.4	2.8
Female householder [1]	4,099	5,126	6,052	6,941	7,235	7.2	8.1	8.6	9.2	9.2
Nonfamily households	10,436	13,612	18,522	20,928	22,426	18.4	21.6	26.2	27.8	28.6
Male householder	3,406	5,038	7,499	8,608	9,592	6.0	8.0	10.6	11.4	12.2
Female householder	7,030	8,574	11,023	12,320	12,834	12.4	13.6	15.6	16.4	16.4
Black										
Total	**6,223**	**7,262**	**8,586**	**9,480**	**10,186**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Family households	4,856	5,468	6,184	6,778	7,177	78.0	75.3	72.0	71.5	70.5
Married couple	3,317	3,343	3,433	3,469	3,682	53.3	46.0	40.0	36.6	36.1
Male householder [1]	181	211	256	344	421	2.9	2.9	3.0	3.6	4.1
Female householder [1]	1,358	1,915	2,495	2,964	3,074	21.8	26.4	29.1	31.3	30.2
Nonfamily households	1,367	1,793	2,402	2,703	3,010	22.0	24.7	28.0	28.5	29.6
Male householder	564	791	1,146	1,244	1,429	9.1	10.9	13.3	13.1	14.0
Female householder	803	1,002	1,256	1,459	1,580	12.9	13.8	14.6	15.4	15.5
Hispanic [2]										
Total	**2,303**	(NA)	**3,684**	**4,883**	**5,698**	**100.0**	(NA)	**100.0**	**100.0**	**100.0**
Family households	2,004	(NA)	3,029	3,939	4,588	87.0	(NA)	82.2	80.7	80.5
Married couple	1,615	(NA)	2,282	2,824	3,204	70.1	(NA)	61.9	57.8	56.2
Male householder [1]	82	(NA)	138	210	312	3.6	(NA)	3.7	4.3	5.5
Female householder [1]	307	(NA)	610	905	1,072	13.3	(NA)	16.6	18.5	18.8
Nonfamily households	299	(NA)	654	944	1,109	13.0	(NA)	17.8	19.3	19.5
Male householder	150	(NA)	365	509	612	6.5	(NA)	9.9	10.4	10.7
Female householder	148	(NA)	289	435	497	6.4	(NA)	7.8	8.9	8.7

NA Not available. [1] No spouse present. [2] Hispanic persons may be of any race. 1970 data as of April.

Source: U.S. Bureau of the Census, *Census of Population: 1970, Persons of Spanish Origin*, PC(2)-1C; *Current Population Reports*, series P-20, No. 437 and earlier reports.

No. 58. Households by Characteristic of Householder and Size of Household: 1970 to 1988

[As of **March**. Based on Current Population Survey; see headnote, table 55. See also *Historical Statistics, Colonial Times to 1970*, series A 335-349]

Characteristic of householder and size of household	Number (mil.)							Percent distribution				
	1970	1975	1980	1985	1986	1987	1988	1970	1975	1980	1985	1988
Total [1]	**63.4**	**71.1**	**80.8**	**86.8**	**88.5**	**89.5**	**91.1**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Age of householder:												
15-24 years old [2]	4.4	5.8	6.6	5.4	5.5	5.2	5.2	6.8	8.2	8.1	6.3	5.7
25-29 years old	6.1	7.8	9.3	9.6	9.8	9.7	9.6	9.6	11.0	11.5	11.1	10.6
30-34 years old	5.6	7.1	9.3	10.4	10.6	10.9	11.0	8.8	10.0	11.5	12.0	12.0
35-44 years old	11.8	11.9	14.0	17.5	18.0	18.7	19.3	18.6	16.7	17.3	20.1	21.2
45-54 years old	12.2	12.9	12.7	12.6	13.1	13.2	13.6	19.5	18.2	15.7	14.6	15.0
55-64 years old	10.8	11.3	12.5	13.1	12.9	12.9	12.8	17.1	15.9	15.5	15.1	14.1
65-74 years old	7.7	8.9	10.1	10.9	11.2	11.3	11.4	12.1	12.5	12.5	12.6	12.5
75 years old and over	4.8	5.4	6.4	7.3	7.4	7.7	8.0	7.6	7.6	7.9	8.4	8.8
Male	50.0	54.3	58.0	60.0	61.0	61.7	62.8	78.9	76.4	71.8	69.2	68.9
Female	13.4	16.8	22.8	26.8	27.4	27.7	28.3	21.1	23.6	28.2	30.8	31.1
White	56.6	62.9	70.8	75.3	76.6	77.3	78.5	89.5	88.5	87.6	86.8	86.2
Black	6.2	7.3	8.6	9.5	9.8	9.9	10.2	9.8	10.2	10.6	10.9	11.2
Hispanic [3]	(NA)	(NA)	3.7	4.9	5.2	5.4	5.7	(NA)	(NA)	4.6	5.6	6.3
1 person	10.9	13.9	18.3	20.6	21.2	21.1	21.9	17.1	19.6	22.7	23.7	24.0
Male	3.5	4.9	7.0	7.9	8.3	8.2	8.8	5.5	6.9	8.7	9.1	9.7
Female	7.3	9.0	11.3	12.7	12.9	12.9	13.1	11.5	12.7	14.0	14.6	14.4
2 persons	18.3	21.8	25.3	27.4	27.7	28.6	29.3	28.9	30.6	31.4	31.6	32.2
3 persons	10.9	12.4	14.1	15.5	16.1	16.2	16.2	17.3	17.4	17.5	17.8	17.7
4 persons	10.0	11.1	12.7	13.6	13.8	14.0	14.1	15.8	15.6	15.7	15.7	15.5
5 persons	6.5	6.4	6.1	6.1	6.3	6.2	6.1	10.3	9.0	7.5	7.0	6.7
6 persons	3.5	3.1	2.5	2.3	2.1	2.2	2.2	5.6	4.3	3.1	2.6	2.4
7 persons or more	3.2	2.5	1.8	1.3	1.3	1.3	1.3	5.0	3.5	2.2	1.5	1.4

NA Not available. [1] Includes other races, not shown separately. [2] 1970 and 1975, persons 14 to 24 years old. [3] Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 437 and earlier reports; and unpublished data.

No. 59. Household Characteristics, by Race, Hispanic Origin and Type: 1988

[As of **March**. Based on Current Population Survey; see headnote, table 55. For composition of regions, see fig. I, inside front cover]

Characteristic	Number of households (1,000)							Percent distribution							Persons per household		
	Total	Black	Hispanic [1]	Family households			Non-family households	Total	Black	Hispanic [1]	Family households			Non-family households	Total	Black	Hispanic [1]
				Total [2]	Married couple	Female householder [3]					Total [2]	Married couple	Female householder [3]				
Total	**91,066**	**10,186**	**5,698**	**65,133**	**51,809**	**10,608**	**25,933**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**2.64**	**2.87**	**3.40**
Age of householder:																	
15–24 years old	5,228	673	560	2,926	1,807	844	2,302	5.7	6.6	9.8	4.5	3.5	8.0	8.9	2.32	2.58	3.07
25–29 years old	9,614	1,242	882	6,576	5,085	1,207	3,038	10.6	12.2	15.5	10.1	9.8	11.4	11.7	2.63	2.83	3.21
30–34 years old	10,969	1,350	854	8,432	6,553	1,530	2,537	12.0	13.3	15.0	12.9	12.6	14.4	9.8	3.05	3.24	3.70
35–44 years old	19,323	2,266	1,363	15,852	12,448	2,765	3,471	21.2	22.2	23.9	24.3	24.0	26.1	13.4	3.33	3.33	3.98
45–54 years old	13,630	1,575	825	11,138	9,069	1,629	2,492	15.0	15.5	14.5	17.1	17.5	15.4	9.6	3.04	3.14	3.77
55–64 years old	12,846	1,323	687	9,707	8,216	1,155	3,139	14.1	13.0	12.1	14.9	15.9	10.9	12.1	2.35	2.59	2.86
65–74 years old	11,410	1,063	332	7,021	5,988	806	4,390	12.5	10.4	5.8	10.8	11.6	7.6	16.9	1.87	2.17	2.33
75 years old and over	8,045	693	194	3,482	2,643	673	4,564	8.8	6.8	3.4	5.3	5.1	6.3	17.6	1.57	1.95	1.98
Region:																	
Northeast	19,137	1,766	1,132	13,362	10,410	2,345	5,755	21.0	17.4	19.9	20.5	20.1	22.1	22.2	2.59	2.70	3.07
Midwest	22,402	2,018	382	15,905	12,973	2,346	6,497	24.6	19.8	6.7	24.4	25.0	22.1	25.1	2.64	2.78	3.48
South	31,047	5,477	1,859	22,846	18,003	3,998	8,201	34.1	53.8	32.6	35.1	34.7	37.7	31.6	2.65	2.99	3.30
West	18,480	923	2,325	13,000	10,422	1,919	5,480	20.3	9.1	40.8	20.0	20.1	18.1	21.1	2.69	2.66	3.63
Size of household:																	
One person	21,889	2,635	845	(x)	(x)	(x)	21,889	24.0	25.9	14.8	(x)	(x)	(x)	84.4	1.00	1.00	1.00
Two persons	29,295	2,541	1,256	26,015	20,054	4,580	3,280	32.2	24.9	22.0	39.9	38.7	43.2	12.6	2.00	2.00	2.00
Three persons	16,163	1,904	1,150	15,659	11,645	3,225	504	17.7	18.7	20.2	24.0	22.5	30.4	1.9	3.00	3.00	3.00
Four persons	14,143	1,609	1,184	13,975	12,007	1,649	168	15.5	15.8	20.8	21.5	23.2	15.5	.6	4.00	4.00	4.00
Five persons	6,081	795	677	6,020	5,259	626	61	6.7	7.8	11.9	9.2	10.2	5.9	.2	5.00	5.00	5.00
Six persons	2,176	362	322	2,159	1,803	298	17	2.4	3.6	5.7	3.3	3.5	2.8	.1	6.00	6.00	6.00
Seven persons or more	1,320	341	264	1,305	1,042	230	14	1.4	3.3	4.6	2.0	2.0	2.2	.1	7.86	8.11	8.26
Marital status of householder:																	
Single (never married)	12,787	2,283	959	3,139	(x)	2,250	9,647	14.0	22.4	16.8	4.8	(x)	21.2	37.2	1.78	2.45	2.49
Married, spouse present	51,809	3,682	3,204	51,809	51,809	(x)	(x)	56.9	36.1	56.2	79.5	100.0	(x)	(x)	3.25	3.66	4.04
Married, spouse absent	4,438	1,295	540	2,359	(x)	1,922	2,079	4.9	12.7	9.5	3.6	(x)	18.1	8.0	2.33	2.70	2.82
Separated	3,386	1,121	391	1,937	(x)	1,594	1,449	3.7	11.0	6.9	3.0	(x)	15.0	5.6	2.42	2.74	2.81
Widowed	11,548	1,495	372	3,095	(x)	2,604	8,453	12.7	14.7	6.5	4.8	(x)	24.5	32.6	1.55	2.18	2.39
Divorced	10,484	1,431	624	4,731	(x)	3,833	5,753	11.5	14.0	11.0	7.3	(x)	36.1	22.2	2.02	2.37	2.64
Tenure:																	
Owner occupied	58,214	4,323	2,292	46,680	40,332	4,772	11,535	63.9	42.4	40.2	71.7	77.8	45.0	44.5	2.74	3.06	3.58
Renter occupied	32,852	5,863	3,406	18,453	11,477	5,836	14,399	36.1	57.6	59.8	28.3	22.2	55.0	55.5	2.22	2.53	3.02

X Not applicable. [1] Hispanic persons may be of any race. [2] Includes male householder, no spouse present. [3] No spouse present.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 437 and series P-60, No. 162.

No. 60. Households—States: 1980 to 1988

[1980, as of **April 1; thereafter,** as of **July 1.** For definition of household, see text, section 1. For composition of regions, see fig. I, inside front cover]

Region, division, and state	Number (1,000)			Persons per household	
	1980	1985	1988	1980	1988
U.S	**80,390**	**87,489**	**91,538**	**2.75**	**2.62**
Region:					
Northeast	17,471	18,422	19,016	2.74	2.59
Midwest	20,859	21,774	22,479	2.75	2.59
South	26,486	29,850	31,400	2.77	2.63
West	15,574	17,443	18,643	2.71	2.65
N. Eng	**4,362**	**4,673**	**4,871**	**2.74**	**2.57**
ME	395	431	460	2.75	2.54
NH	323	366	403	2.75	2.61
VT	178	196	210	2.75	2.55
MA	2,033	2,156	2,220	2.72	2.56
RI	339	359	373	2.70	2.56
CT	1,094	1,165	1,204	2.76	2.60
Mid. Atl	**13,109**	**13,749**	**14,145**	**2.74**	**2.59**
NY	6,340	6,635	6,800	2.70	2.56
NJ	2,549	2,739	2,843	2.84	2.66
PA	4,220	4,375	4,502	2.74	2.60
E. No. Cent	**14,654**	**15,221**	**15,717**	**2.78**	**2.62**
OH	3,834	3,979	4,104	2.76	2.59
IN	1,927	2,011	2,077	2.77	2.60
IL	4,045	4,212	4,324	2.76	2.62
MI	3,195	3,268	3,394	2.84	2.66
WI	1,652	1,752	1,819	2.77	2.59
W. No. Cent	**6,205**	**6,554**	**6,762**	**2.68**	**2.55**
MN	1,445	1,546	1,619	2.74	2.58
IA	1,053	1,076	1,087	2.68	2.51
MO	1,793	1,895	1,968	2.67	2.55
ND	228	248	248	2.75	2.58
SD	243	260	268	2.74	2.57
NE	571	604	615	2.66	2.52
KS	872	925	956	2.62	2.52

Division and state	Number (1,000)			Persons per household	
	1980	1985	1988	1980	1988
So. Atl	**13,160**	**14,937**	**16,028**	**2.73**	**2.58**
DE	207	227	244	2.79	2.63
MD	1,461	1,587	1,696	2.82	2.66
DC	253	250	248	2.40	2.35
VA	1,863	2,077	2,228	2.77	2.60
WV	686	710	708	2.79	2.61
NC	2,043	2,293	2,444	2.78	2.57
SC	1,030	1,154	1,225	2.93	2.75
GA	1,872	2,138	2,314	2.84	2.68
FL	3,744	4,502	4,922	2.55	2.46
E. So. Cent	**5,051**	**5,438**	**5,656**	**2.83**	**2.65**
KY	1,263	1,344	1,383	2.82	2.62
TN	1,619	1,759	1,852	2.77	2.58
AL	1,342	1,444	1,502	2.84	2.67
MS	827	891	919	2.97	2.78
W. So. Cent	**8,276**	**9,475**	**9,716**	**2.80**	**2.70**
AR	816	876	903	2.74	2.59
LA	1,412	1,556	1,557	2.91	2.77
OK	1,119	1,251	1,239	2.62	2.54
TX	4,929	5,792	6,016	2.82	2.74
Mt	**3,986**	**4,588**	**4,870**	**2.79**	**2.68**
MT	284	305	304	2.70	2.58
ID	324	354	363	2.85	2.71
WY	166	182	176	2.78	2.67
CO	1,061	1,221	1,266	2.65	2.54
NM	441	509	538	2.90	2.75
AZ	957	1,143	1,281	2.79	2.67
UT	449	505	524	3.20	3.17
NV	304	367	417	2.59	2.49
Pac	**11,587**	**12,856**	**13,774**	**2.68**	**2.64**
WA	1,541	1,691	1,817	2.61	2.49
OR	992	1,044	1,102	2.60	2.46
CA	8,630	9,617	10,326	2.68	2.67
AK	131	174	176	2.93	2.85
HI	294	330	353	3.15	2.99

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-25, No. 1044.

No. 61. Households, 1980 and 1988, and Persons in Households, 1988, by Type of Household and Presence of Children

[As of **March.** Based on Current Population Survey; see headnote, table 55. Minus sign (—) indicates decrease]

Type of household and presence of children	Households: Number (1,000)		Households: Change, 1980–1988		Households: Percent distribution		Persons in households, 1988		Persons per household, 1988
	1980	1988	Number (1,000)	Percent	1980	1988	Number (1,000)	Percent distribution	
Total households	**80,776**	**91,066**	**10,290**	**12.7**	**100.0**	**100.0**	**240,722**	**100.0**	**2.64**
Family households	59,550	65,133	5,583	9.4	73.7	71.5	209,097	86.9	3.21
With own children under 18	31,022	31,920	898	2.9	38.4	35.1	124,146	51.6	3.89
Without own children under 18	28,528	33,213	4,685	16.4	35.3	36.5	84,951	35.3	2.56
Married couple family	49,112	51,809	2,697	5.5	60.8	56.9	168,533	70.0	3.25
With own children under 18	24,961	24,600	−361	−1.4	30.9	27.0	101,523	42.2	4.13
Without own children under 18	24,151	27,209	3,058	12.7	29.9	29.9	67,010	27.8	2.46
Male householder, no spouse present	1,733	2,715	982	56.7	2.1	3.0	7,933	3.3	2.92
With own children under 18	616	1,047	431	70.0	.8	1.1	3,113	1.3	2.97
Without own children under 18	1,117	1,669	552	49.4	1.4	1.8	4,820	2.0	2.89
Female householder, no spouse present	8,705	10,608	1,903	21.9	10.8	11.6	32,631	13.6	3.08
With own children under 18	5,445	6,273	828	15.2	6.7	6.9	19,511	8.1	3.11
Without own children under 18	3,261	4,335	1,074	32.9	4.0	4.8	13,120	5.5	3.03
Nonfamily households	21,226	25,933	4,707	22.2	26.3	28.5	31,625	13.1	1.22
Living alone	18,296	21,889	3,593	19.6	22.7	24.0	21,889	9.1	1.00
Male householder	8,807	11,310	2,503	28.4	10.9	12.4	15,087	6.3	1.33
Living alone	6,966	8,788	1,822	26.2	8.6	9.7	8,788	3.7	1.00
Female householder	12,419	14,624	2,205	17.8	15.4	16.1	16,538	6.9	1.13
Living alone	11,330	13,101	1,771	15.6	14.0	14.4	13,101	5.4	1.00

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 437 and earlier reports; and unpublished data.

No. 62. Living Arrangements of Persons 15 Years Old and Over, by Selected Characteristics: 1988

[As of **March**. Based on Current Population Survey which includes members of Armed Forces living off post or with families on post, but excludes other Armed Forces; see text, section 1 and Appendix III]

Age and sex	All races [1]					White persons percent living—			Black persons percent living—		
	Total (1,000)	Percent living— Alone	With spouse	With other relatives	With nonrelatives	Alone	With spouse	With other relatives	Alone	With spouse	With other relatives
Total	**188,452**	**11.6**	**55.8**	**26.7**	**5.8**	**11.7**	**58.5**	**24.0**	**12.4**	**35.0**	**46.4**
15–19 years old	17,996	.7	2.5	93.7	3.1	.7	2.9	93.1	.7	.5	96.7
20–24 years old	18,839	5.9	26.0	54.2	13.9	6.2	27.9	51.0	4.2	15.1	72.5
25–34 years old	42,970	9.4	58.9	21.9	9.8	9.5	61.9	18.6	9.1	38.0	44.0
35–44 years old	34,682	8.2	72.3	14.9	4.7	7.9	74.8	12.8	11.4	50.1	32.5
45–54 years old	23,795	9.0	75.4	12.0	3.6	8.6	78.4	9.7	13.7	50.3	29.9
55–64 years old	21,642	13.7	74.1	10.2	2.0	13.0	77.1	8.2	22.3	45.1	27.2
65 years old and over	28,527	30.4	54.5	12.8	2.3	30.4	55.6	11.8	33.6	41.4	21.9
65–74 years old	17,472	24.3	63.9	10.0	1.8	23.9	65.4	8.9	31.3	46.5	19.4
75 years old and over	11,055	40.2	39.6	17.3	3.0	40.6	40.2	16.3	37.3	33.0	25.9
Male	**90,284**	**9.7**	**58.3**	**24.8**	**7.2**	**9.5**	**60.7**	**22.9**	**12.4**	**39.2**	**39.2**
15–19 years old	9,089	.7	.9	95.9	2.5	.6	1.2	95.7	.4	–	97.9
20–24 years old	9,254	6.4	19.2	58.9	15.4	6.6	20.6	56.7	5.3	11.4	72.1
25–34 years old	21,320	11.1	55.5	20.6	12.9	11.1	57.8	18.4	11.7	39.5	34.5
35–44 years old	17,077	10.4	73.6	9.9	6.2	9.9	75.3	8.9	15.1	57.1	18.2
45–54 years old	11,520	9.0	79.5	6.9	4.7	8.4	81.8	5.8	15.8	57.5	15.9
55–64 years old	10,186	10.2	81.6	5.8	2.4	9.6	84.4	4.3	17.6	53.1	21.0
65 years old and over	11,837	16.2	75.1	6.7	2.1	15.4	76.2	6.4	26.4	62.5	8.6
65–74 years old	7,736	13.1	79.5	5.3	2.0	12.3	80.6	5.1	24.4	65.6	7.5
75 years old and over	4,101	21.9	66.8	9.2	2.1	21.3	67.8	8.9	29.8	57.0	10.6
Female	**98,168**	**13.3**	**53.6**	**28.5**	**4.6**	**13.8**	**56.5**	**25.0**	**12.4**	**31.6**	**52.4**
15–19 years old	8,907	.7	4.1	91.3	3.8	.7	4.7	90.5	.9	.9	95.6
20–24 years old	9,586	5.5	32.5	49.6	12.4	5.9	35.2	45.4	3.3	18.2	72.8
25–34 years old	21,649	7.6	62.3	23.3	6.9	7.9	66.0	18.8	7.0	36.6	52.0
35–44 years old	17,606	6.0	71.0	19.8	3.2	5.8	74.4	16.6	8.3	44.4	44.1
45–54 years old	12,275	8.9	71.6	16.8	2.7	8.7	75.2	13.4	12.0	44.6	41.0
55–64 years old	11,456	16.9	67.3	14.0	1.8	16.1	70.5	11.8	26.1	38.8	32.1
65 years old and over	16,691	40.6	39.9	17.2	2.4	41.1	41.0	15.6	38.5	27.1	30.8
65–74 years old	9,736	33.2	51.5	13.7	1.7	33.2	53.3	12.0	36.2	32.9	27.9
75 years old and over	6,955	50.9	23.6	22.0	3.5	51.9	24.1	20.6	42.0	18.1	35.4

– Represents or rounds to zero. [1] Includes other races not shown separately.

No. 63. Householder and Marital Status of Population, 15 Years Old and Over: 1988

[**In thousands, except percent.** As of **March**. See headnote, table 62]

Householder and marital status	Total, 15 yrs. and over [1]	Male					Female				
		Total [1]	20–24 years	25–44 years	45–64 years	65 yr. and over	Total [1]	20–24 years	25–44 years	45–64 years	65 yr. and over
Total persons	**188,452**	**90,284**	**9,254**	**38,397**	**21,706**	**11,837**	**98,168**	**9,586**	**39,255**	**23,731**	**16,691**
Householder	91,066	62,773	2,884	29,256	19,622	10,801	28,293	1,891	10,650	6,855	8,655
Single	12,787	6,477	1,295	3,876	755	407	6,310	1,373	3,472	652	620
Married, spouse present	51,809	48,748	1,492	22,367	16,440	8,386	3,061	228	1,719	844	245
Married, spouse absent	4,439	1,671	53	842	532	239	2,768	151	1,554	825	222
Widowed	11,548	1,920	5	77	446	1,393	9,628	6	380	2,313	6,929
Divorced	10,484	3,957	39	2,095	1,448	375	6,527	132	3,526	2,220	639
Not householder	97,385	27,510	6,370	9,142	2,085	1,036	69,875	7,695	28,604	16,876	8,035
Single	36,709	20,510	5,898	5,293	398	138	16,199	4,486	2,827	427	258
Married, spouse present	53,416	3,864	288	2,021	1,028	505	49,552	2,885	24,263	15,654	6,408
Married, spouse absent	1,792	949	94	586	187	61	843	155	460	125	49
Widowed	1,964	373	3	35	86	248	1,611	16	68	320	1,205
Divorced	3,484	1,814	87	1,208	388	85	1,670	153	985	349	117
PERCENT DISTRIBUTION											
Total persons	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Householder	48.3	69.5	31.2	76.2	90.4	91.2	28.8	19.7	27.1	28.9	51.9
Single	6.8	7.2	14.0	10.1	3.5	3.4	6.4	14.3	8.8	2.7	3.7
Married, spouse present	27.5	54.0	16.1	58.3	75.7	70.8	3.1	2.4	4.4	3.6	1.5
Married, spouse absent	2.4	1.9	.6	2.2	2.5	2.0	2.8	1.6	4.0	3.5	1.3
Widowed	6.1	2.1	.1	.2	2.1	11.8	9.8	.1	1.0	9.7	41.5
Divorced	5.6	4.4	.4	5.5	6.7	3.2	6.6	1.4	9.0	9.4	3.8
Not householder	51.7	30.5	68.8	23.8	9.6	8.8	71.2	80.3	72.9	71.1	48.1
Single	19.5	22.7	63.7	13.8	1.8	1.2	16.5	46.8	7.2	1.8	1.5
Married, spouse present	28.3	4.3	3.1	5.3	4.7	4.3	50.5	30.1	61.8	66.0	38.4
Married, spouse absent	1.0	1.1	1.0	1.5	.9	.5	.9	1.6	1.2	.5	.3
Widowed	1.1	.4	–	.1	.4	2.1	1.6	.2	.2	1.3	7.2
Divorced	1.8	2.0	.9	3.1	1.8	.7	1.7	1.6	2.5	1.5	.7

– Represents or rounds to zero. [1] Includes 15–19 year olds.

Source of tables 62 and 63: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 433.

No. 64. Living Arrangements of Young Adults: 1970 to 1988

[1970 and 1980, as of April. Beginning 1985, as of March and based on Current Population Survey, see headnote, table 62]

Living arrangements and sex	Persons 18-24 years old					Persons 25-34 years old				
	1970	1980	1985	1987	1988	1970	1980	1985	1987	1988
Total (1,000)	**22,357**	**29,122**	**27,844**	**26,462**	**26,061**	**24,566**	**36,796**	**40,857**	**42,636**	**42,970**
Percent distribution:										
Child of householder [1]	47.3	48.4	53.6	54.3	54.4	8.0	8.7	10.6	11.1	11.6
Family householder or spouse	37.9	28.9	24.3	23.3	23.1	82.8	72.3	67.9	66.6	65.5
Nonfamily householder	4.8	9.5	8.2	8.5	8.7	4.9	12.0	12.9	12.6	13.0
Other	10.0	13.2	13.8	14.0	13.8	4.3	7.0	8.6	9.7	9.9
Male (1,000)	**10,398**	**14,278**	**13,695**	**13,029**	**12,835**	**11,929**	**18,107**	**20,184**	**21,142**	**21,320**
Percent distribution:										
Child of householder [1]	54.3	54.3	59.7	61.3	60.7	9.5	10.5	13.3	14.5	15.0
Family householder or spouse	30.0	21.3	16.4	15.3	15.4	79.3	66.4	60.1	58.1	57.1
Nonfamily householder	5.4	11.1	9.6	9.5	9.8	6.5	15.3	16.1	15.7	16.0
Other	10.3	13.3	14.3	14.0	14.1	4.8	7.9	10.5	11.7	11.8
Female (1,000)	**11,959**	**14,844**	**14,149**	**13,433**	**13,226**	**12,637**	**18,689**	**20,673**	**21,494**	**21,649**
Percent distribution:										
Child of householder [1]	41.3	42.7	47.8	47.5	48.4	6.6	7.0	8.0	7.7	8.3
Family householder or spouse	44.7	36.2	32.0	31.2	30.5	86.1	78.1	75.5	74.9	73.8
Nonfamily householder	4.2	8.1	6.9	7.5	7.7	3.5	8.8	9.7	9.7	10.0
Other	9.7	13.1	13.3	13.9	13.4	3.9	6.2	6.7	7.7	7.9

[1] Includes unmarried college students living in dormitories.

Source: U.S. Bureau of the Census, *1970* and *1980 Census of Population*, PC(2)-4B and *Current Population Reports*, series P-20, No. 433 and earlier reports.

No. 65. Families, by Size and Presence of Children: 1980 to 1988

[In thousands, except as indicated. As of March. Excludes members of Armed Forces except those living off post or with their families on post. Based on Current Population Survey; see text, section 1 and Appendix III. For definition of families, see text, section 1]

Characteristic	1980, total	1985, total	1988								
			All races [1]			White		Black		Hispanic [4]	
			Total [2]	Married couple	Female householder [3]	Total [2]	Married couple	Total [2]	Married couple	Total [2]	Married couple
Total	**59,550**	**62,706**	**65,133**	**51,809**	**10,608**	**56,044**	**46,644**	**7,177**	**3,682**	**4,588**	**3,204**
Size of family:											
2 persons	23,461	25,349	26,871	20,203	4,985	23,919	18,795	2,395	1,043	1,170	650
3 persons	13,603	14,804	15,410	11,656	3,094	13,116	10,411	1,826	891	1,116	698
4 persons	12,372	13,259	13,729	11,991	1,506	11,756	10,728	1,549	912	1,124	885
5 persons	5,930	5,894	5,844	5,203	562	4,845	4,531	749	445	624	510
6 persons	2,461	2,175	2,057	1,758	254	1,596	1,439	339	215	317	257
7 or more persons	1,723	1,225	1,222	998	207	812	740	318	176	238	203
Median size (number) [5]	3.29	3.23	3.17	3.24	2.97	3.12	3.19	3.49	3.63	3.79	4.00
Own children under age 18:											
None	28,528	31,594	33,213	27,209	4,335	29,246	24,945	2,982	1,666	1,597	1,080
1	12,443	13,108	13,578	9,904	3,017	11,299	8,708	1,803	836	1,047	690
2	11,470	11,645	11,911	9,576	2,039	10,217	8,603	1,338	675	1,080	793
3	4,674	4,486	4,581	3,682	824	3,728	3,205	655	319	557	420
4 or more	2,435	1,873	1,850	1,438	393	1,374	1,182	399	186	307	220
Own children under age 6:											
None	46,063	48,505	50,477	39,895	8,214	43,797	36,158	5,296	2,710	2,977	2,006
1	9,441	9,677	9,948	7,975	1,704	8,310	6,987	1,260	660	1,090	810
2 or more	4,047	4,525	4,708	3,940	690	3,938	3,500	621	312	521	388
PERCENT DISTRIBUTION											
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Size of family:											
2 persons	39.4	40.4	41.3	39.0	47.0	42.7	40.3	33.4	28.3	25.5	20.3
3 persons	22.8	23.6	23.7	22.5	29.2	23.4	22.3	25.4	24.2	24.3	21.8
4 persons	20.8	21.1	21.1	23.1	14.2	21.0	23.0	21.6	24.8	24.5	27.6
5 persons	10.0	9.4	9.0	10.0	5.3	8.6	9.7	10.4	12.1	13.6	15.9
6 persons	4.1	3.5	3.2	3.4	2.4	2.8	3.1	4.7	5.8	6.9	8.0
7 or more persons	2.9	2.0	1.9	1.9	2.0	1.4	1.6	4.4	4.8	5.2	6.3
Own children under age 18:											
None	47.9	50.4	51.0	52.5	40.9	52.5	53.5	41.5	45.2	34.8	33.7
1	20.9	20.9	20.8	19.1	28.4	20.2	18.7	25.1	22.7	22.8	21.5
2	19.3	18.6	18.3	18.5	19.2	18.2	18.4	18.6	18.3	23.5	24.8
3	7.8	7.2	7.0	7.1	7.8	6.7	6.9	9.1	8.7	12.1	13.1
4 or more	4.1	3.0	2.8	2.8	3.7	2.5	2.5	5.6	5.1	6.7	6.9
Own children under age 6:											
None	77.4	77.4	77.5	77.0	77.4	78.1	77.5	73.8	73.6	64.9	62.6
1	15.9	15.4	15.3	15.4	16.1	14.8	15.0	17.6	17.9	23.8	25.3
2 or more	6.8	7.2	7.2	7.6	6.5	7.0	7.5	8.7	8.5	11.4	12.1

[1] Includes other races, not shown separately. [2] Includes other types of families, not shown separately. [3] No spouse present. [4] Hispanic persons may be of any race. [5] For definition of median, see Guide to Tabular Presentation.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 437 and earlier reports.

No. 66. Families, by Number of Own Children Under 18 Years Old: 1970 to 1988

[Except as noted, as of **March** and based on Current Population Survey; see headnote, table 65. See also *Historical Statistics, Colonial Times to 1970*, series A 353-358]

Race, Hispanic origin, and year	Number of families (1,000)					Percent distribution					Average size of family
	Total	No children	One child	Two children	Three or more children	Total	No children	One child	Two children	Three or more children	
ALL FAMILIES [1]											
1970	51,586	22,774	9,398	8,969	10,445	100.0	44.1	18.2	17.4	20.2	3.58
1980	59,550	28,528	12,443	11,470	7,109	100.0	47.9	20.9	19.3	11.9	3.29
1985	62,706	31,594	13,108	11,645	6,359	100.0	50.4	20.9	18.6	10.1	3.23
1988	65,133	33,213	13,578	11,911	6,431	100.0	51.0	20.8	18.3	9.9	3.17
Married couple	51,809	27,209	9,904	9,576	5,120	100.0	52.5	19.1	18.5	9.9	3.24
Male householder [2]	2,715	1,669	657	296	94	100.0	61.5	24.2	10.9	3.5	2.69
Female householder [2]	10,608	4,335	3,017	2,039	1,217	100.0	40.9	28.4	19.2	11.5	2.98
WHITE FAMILIES											
1970	46,261	20,719	8,437	8,174	8,931	100.0	44.8	18.2	17.7	19.3	3.52
1980	52,243	25,769	10,727	9,977	5,769	100.0	49.3	20.5	19.1	11.0	3.23
1985	54,400	28,169	11,174	9,937	5,120	100.0	51.8	20.5	18.3	9.4	3.16
1988	56,044	29,426	11,299	10,217	5,102	100.0	52.5	20.2	18.2	9.1	3.12
BLACK FAMILIES											
1970	4,887	1,903	858	726	1,401	100.0	38.9	17.6	14.8	28.7	4.13
1980	6,184	2,364	1,449	1,235	1,136	100.0	38.2	23.4	20.0	18.4	3.67
1985	6,778	2,887	1,579	1,330	982	100.0	42.6	23.3	19.6	14.5	3.60
1988	7,177	2,982	1,803	1,338	1,054	100.0	41.5	25.1	18.6	14.7	3.49
HISPANIC FAMILIES [3]											
1970	2,004	597	390	388	629	100.0	29.8	19.5	19.4	31.4	4.28
1980	3,029	946	680	698	706	100.0	31.2	22.4	23.0	23.3	3.90
1985	3,939	1,337	904	865	833	100.0	33.9	22.9	22.0	21.1	3.88
1988	4,588	1,597	1,047	1,080	864	100.0	34.8	22.8	23.5	18.8	3.79

[1] Includes other races, not shown separately. [2] No spouse present. [3] Hispanic persons may be of any race. 1970 Hispanic data as of April and based on Census of Population.

Source: U.S. Bureau of the Census, *U.S. Census of Population, 1970* (PC-2-4A), and *Current Population Reports*, series P-20, No. 437 and earlier reports.

No. 67. Family Households With Own Children Under Age 18, by Type of Family, 1970 to 1988, and by Age of Householder, 1988

[As of **March**. Excludes members of Armed Forces except those living off post or with their families on post. Based on Current Population Survey; see text, section 1, and Appendix III]

Family type	1970	1980	1985	1988						
				Total	15-24 years old	25-34 years old	35-44 years old	45-54 years old	55-64 years old	65 years old and over
NUMBER (1,000)										
Family households with children	**28,731**	**31,022**	**31,112**	**31,920**	**1,739**	**11,540**	**12,818**	**4,748**	**918**	**157**
Married couple	25,532	24,961	24,210	24,600	931	8,665	10,121	3,980	777	126
Male householder [1]	341	616	896	1,047	78	326	416	175	43	8
Female householder [1]	2,858	5,445	6,006	6,273	730	2,549	2,281	593	98	23
PERCENT DISTRIBUTION										
Family households with children	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Married couple	88.9	80.5	77.8	77.1	53.5	75.1	79.0	83.8	84.6	80.3
Male householder [1]	1.2	2.0	2.9	3.3	4.5	2.8	3.2	3.7	4.7	5.1
Female householder [1]	9.9	17.6	19.3	19.7	42.0	22.1	17.8	12.5	10.7	14.6
HOUSEHOLDS WITH CHILDREN, AS A PERCENT OF ALL FAMILY HOUSEHOLDS, BY TYPE										
Family households with children, total	**55.8**	**52.1**	**49.6**	**49.0**	**59.4**	**76.9**	**80.9**	**42.6**	**9.5**	**1.5**
Married couple	57.1	50.8	48.1	47.5	51.5	74.5	81.3	43.9	9.5	1.5
Male householder [1]	27.8	35.5	40.2	38.5	28.4	51.5	65.1	39.8	12.8	2.0
Female householder [1]	52.0	62.6	59.3	59.1	86.5	93.1	82.5	36.4	8.5	1.6

[1] No spouse present.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 437 and earlier reports.

No. 68. Living Arrangements of Children Under 18 Years Old, by Selected Characteristic of Parent: 1988

[In thousands. As of March. Covers only those persons under 18 years old who are living with one or both parents. Characteristics are shown for the householder or reference person in married-couple situations. See also headnote, table 69]

Characteristic of parent	All races [1]				White				Black				Hispanic [2]			
	Total	Living with—			Total	Living with—			Total	Living with—			Total	Living with—		
		Both parents	Mother only	Father only		Both parents	Mother only	Father only		Both parents	Mother only	Father only		Both parents	Mother only	Father only
Children under 18 years old	**61,271**	**45,942**	**13,521**	**1,808**	**49,911**	**40,287**	**8,160**	**1,464**	**8,986**	**3,739**	**4,959**	**288**	**6,544**	**4,497**	**1,845**	**202**
Age:																
15-24 years old	3,724	1,421	2,113	190	2,510	1,251	1,127	133	1,133	146	935	51	625	259	330	35
25-29 years old	9,106	6,100	2,769	237	7,020	5,260	1,559	200	1,826	650	1,148	28	1,211	773	399	39
30-34 years old	14,212	10,444	3,396	373	11,538	9,315	1,912	311	2,242	805	1,381	56	1,425	998	381	46
35-39 years old	14,827	11,714	2,696	417	12,432	10,317	1,767	348	1,810	864	879	68	1,463	1,047	372	44
40-44 years old	10,781	8,935	1,586	260	9,298	7,892	1,183	223	1,020	654	340	26	890	679	199	12
45-54 years old	7,165	6,095	810	260	6,003	5,280	527	196	698	433	215	50	721	571	130	20
55-64 years old	1,217	1,049	113	54	955	850	63	42	182	129	50	4	164	134	24	6
65 years old and over	238	185	36	16	154	122	22	10	75	58	11	5	46	36	10	-
Educational attainment:																
Elementary: 0 to 8 years	5,115	3,471	1,490	153	3,979	2,901	954	124	804	309	469	26	2,274	1,577	643	54
High school: 1 to 3 years	7,550	4,317	3,018	315	5,405	3,702	1,450	253	2,059	509	1,488	61	1,312	788	480	44
4 years	23,899	17,256	5,681	763	19,351	15,131	3,607	614	3,926	1,661	2,138	127	1,839	1,236	527	74
College: 1 to 3 years	11,356	8,698	2,138	321	9,478	7,756	1,461	261	1,441	792	605	44	692	501	167	24
4 years	6,925	6,209	589	127	6,065	5,569	389	107	459	266	177	15	238	210	22	6
5 or more years	6,325	5,791	404	129	5,632	5,228	300	104	298	202	81	15	190	182	8	-
Employment status:																
In the labor force	51,862	42,146	8,157	1,558	43,984	37,453	5,248	1,283	6,110	3,156	2,728	225	4,919	3,982	773	164
Employed	48,842	40,386	7,075	1,381	41,958	36,005	4,804	1,149	5,223	2,937	2,104	183	4,461	3,615	699	147
Unemployed	3,020	1,760	1,083	177	2,026	1,448	444	134	886	219	625	42	458	367	73	18
Not in the labor force	9,409	3,796	5,364	250	5,927	2,834	2,913	181	2,876	583	2,231	63	1,625	514	1,073	38
Family income:																
Under $5,000	5,322	884	4,176	263	2,979	710	2,075	195	2,166	97	2,005	66	813	191	585	37
$5,000-$9,999	5,783	1,959	3,614	210	3,757	1,569	2,039	150	1,773	254	1,465	53	1,193	472	686	34
$10,000-$14,999	5,347	3,110	2,005	232	4,010	2,534	1,300	176	1,065	391	623	51	1,061	776	259	26
$15,000-$24,999	10,188	7,630	2,160	400	8,285	6,424	1,536	325	1,570	931	582	56	1,327	1,060	219	47
$25,000-$29,999	5,106	4,392	565	149	4,474	3,909	436	129	449	335	99	14	480	429	32	19
$30,000-$39,999	10,066	9,208	598	260	8,872	8,192	459	221	880	717	129	34	695	643	36	16
$40,000-$49,999	7,453	7,081	225	147	6,668	6,377	163	128	495	448	40	7	455	429	15	11
$50,000 and over	12,006	11,679	180	147	10,865	10,573	153	138	588	565	16	6	521	497	13	11
Tenure: [3]																
Owned	39,022	33,460	4,583	980	34,350	30,312	3,205	833	3,437	2,115	1,207	116	2,568	2,095	404	68
Rented	22,249	12,482	8,938	828	15,561	9,975	4,955	631	5,548	1,624	3,752	172	3,976	2,402	1,441	134

- Represents or rounds to zero. [1] Includes other races, not shown separately. [2] Persons of Hispanic origin may be of any race. [3] Refers to the tenure of the householder (who may or may not be the child's parent).

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 433.

No. 69. Children Under 18 Years Old, by Presence of Parents: 1970 to 1988

[As of **March**. Excludes persons under 18 years old who maintained households or family groups. Based on Current Population Survey; see headnote, table 65]

Race, Hispanic Origin, and Year	Number (1,000)	Percent living with—							
		Both parents	Mother only					Father only	Neither parent
			Total	Divorced	Married, spouse absent	Single [1]	Widowed		
ALL RACES [2]									
1970	69,162	85.2	10.8	3.3	4.7	.8	2.0	1.1	2.9
1980	63,427	76.7	18.0	7.5	5.7	2.8	2.0	1.7	3.6
1985	62,475	73.9	20.9	8.5	5.4	5.6	1.5	2.5	2.7
1987	62,932	73.1	21.3	8.5	5.2	6.3	1.3	2.6	2.9
1988	63,179	72.7	21.4	7.9	5.3	6.8	1.3	2.9	3.0
WHITE									
1970	58,790	89.5	7.8	3.1	2.8	.2	1.7	.9	1.8
1980	52,242	82.7	13.5	7.0	3.9	1.0	1.7	1.6	2.2
1985	50,836	80.0	15.6	8.1	4.1	2.1	1.3	2.4	2.0
1987	51,112	79.1	16.1	8.4	4.0	2.7	1.1	2.6	2.2
1988	51,030	78.9	16.0	8.0	4.0	2.9	1.1	2.9	2.2
BLACK									
1970	9,422	58.5	29.5	4.6	16.3	4.4	4.2	2.3	9.7
1980	9,375	42.2	43.9	10.9	16.2	12.8	4.0	1.9	11.9
1985	9,479	39.5	51.0	11.3	12.4	24.8	2.5	2.9	6.6
1987	9,612	40.1	50.4	9.6	12.0	26.3	2.6	2.5	7.0
1988	9,699	38.6	51.1	8.4	12.1	28.2	2.5	3.0	7.4
HISPANIC [3]									
1970	[4] 4,006	77.7	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1980	5,459	75.4	19.6	5.9	8.2	4.0	1.5	1.5	3.5
1985	6,057	67.9	26.6	7.3	11.1	6.5	1.7	2.2	3.3
1987	6,647	65.5	27.7	8.0	9.3	8.8	1.6	2.8	4.0
1988	6,786	66.3	27.2	7.9	8.8	8.8	1.6	3.0	3.6

NA Not available. [1] Never married. [2] Includes other races not shown separately. [3] Hispanic persons may be of any race. [4] All persons under 18 years old.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 433 and earlier reports.

No. 70. Female Family Householders With No Spouse Present—Characteristics, by Race: 1970 to 1988

[As of **March. 1970** covers persons 14 years old and over; beginning **1980**, covers persons 15 years old and over. Based on Current Population Survey; see headnote, table 65]

Characteristic	Unit	White					Black				
		1970	1980	1985	1987	1988	1970	1980	1985	1987	1988
Female family householder	**1,000**	**4,185**	**6,052**	**6,941**	**7,227**	**7,235**	**1,349**	**2,495**	**2,964**	**2,967**	**3,074**
Percent of all families	Percent	9.1	11.6	12.8	13.0	12.9	28.3	40.3	43.7	41.8	42.8
Median age	Years	50.4	43.7	42.7	42.1	42.2	41.3	37.4	38.0	37.5	38.1
Marital status:											
Single (never married)	Percent	9.2	10.6	11.9	13.8	15.1	16.2	27.3	33.4	37.3	35.9
Married, spouse absent	Percent	18.5	16.9	16.0	16.0	15.7	39.7	28.6	21.1	20.7	23.2
Separated	Percent	11.4	13.9	13.8	13.8	12.6	33.8	26.8	19.3	18.6	20.3
Other	Percent	7.2	3.0	2.1	2.2	3.0	5.9	1.8	1.7	2.1	2.9
Widowed	Percent	47.0	32.7	28.3	27.8	27.0	29.9	22.2	21.2	18.0	18.8
Divorced	Percent	25.3	39.8	43.8	42.4	42.2	14.2	21.9	24.5	24.0	22.1
Presence of children under 18:											
No own children	Percent	52.0	41.2	43.5	42.7	43.8	33.5	28.1	34.5	31.8	34.3
With own children	Percent	48.0	58.8	56.5	57.3	56.2	66.6	71.9	65.5	68.3	65.7
1 child	Percent	18.8	28.1	28.9	29.6	28.5	19.1	26.3	27.5	29.2	28.1
2 children	Percent	15.0	19.9	18.6	19.1	18.9	14.4	23.2	21.6	22.1	20.2
3 children	Percent	7.8	7.4	6.4	6.3	6.4	12.5	11.1	10.1	10.0	10.5
4 or more children	Percent	6.4	3.4	2.6	2.3	2.4	20.6	11.3	6.3	6.9	6.9
Children per family	Number	1.00	1.03	.96	.96	.94	1.83	1.51	1.29	1.28	1.23

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 437 and earlier reports.

No. 71. Nonfamily Households, by Age of Householder and Presence of Nonrelatives: 1970 to 1988

[1970, persons 14 years old and over; 1980 and 1988, 15 years old and over. See headnote, table 65]

Item	Nonfamily households		Male householder (1,000)					Female householder (1,000)				
	Total (1,000)	Percent	Total	15–24 yr. old	25–44 yr. old	45–64 yr. old	65 yr. old and over	Total	15–24 yr. old	25–44 yr. old	45–64 yr. old	65 yr. old and over
1970 (April), total	**12,430**	**100.0**	**4,629**	**[1] 571**	**1,346**	**1,395**	**1,318**	**7,801**	**[1] 512**	**815**	**2,577**	**3,897**
1-person (living alone)	11,115	89.4	3,965	[1] 345	1,134	1,263	1,224	7,150	[1] 328	695	2,421	3,706
Nonrelatives present	1,315	10.6	664	[1] 226	212	132	94	651	[1] 184	120	156	191
1980 (March), total	**21,226**	**100.0**	**8,807**	**1,567**	**3,854**	**1,822**	**1,565**	**12,419**	**1,189**	**2,198**	**3,048**	**5,983**
1-person (living alone)	18,296	86.2	6,966	947	2,920	1,613	1,486	11,330	779	1,809	2,901	5,842
Nonrelatives present	2,930	13.8	1,841	620	934	209	79	1,089	410	389	147	141
1988 (March), total	**25,933**	**100.0**	**11,310**	**1,265**	**5,616**	**2,406**	**2,023**	**14,624**	**1,038**	**3,431**	**3,226**	**6,930**
1-person (living alone)	21,889	84.4	8,788	653	4,145	2,077	1,913	13,101	591	2,711	3,027	6,770
Nonrelatives present	4,044	15.6	2,521	611	1,472	328	110	1,523	445	719	199	161

[1] Persons 14–24 years old.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. II, part 4B; *Current Population Reports*, series P-20, No. 433 and unpublished data.

No. 72. Nonfamily Householders, by Marital Status: 1970 to 1988

[In thousands of persons. As of March. 1970, persons 14 years old and over; 1980 and 1988, persons 15 years old and over. Based on Current Population Survey; see headnote, table 65]

Marital status	1970	1980	1988				Marital status	1970	1980	1988			
			Total [1]	25–44 yr.	45–64 yr.	65 yr. old and over				Total [1]	25–44 yr.	45–64 yr.	65 yr. old and over
Males	**4,063**	**8,807**	**11,310**	**5,616**	**2,406**	**2,023**	**Females**	**7,882**	**12,419**	**14,624**	**3,431**	**3,226**	**6,930**
Single	1,765	4,371	5,588	3,433	632	336	Single	1,608	3,302	4,059	2,123	468	506
Married [2]	545	1,051	1,233	587	398	209	Married [2]	516	675	846	287	345	182
Widowed	996	1,177	1,429	35	242	1,147	Widowed	4,915	6,569	7,024	65	1,249	5,711
Divorced	756	2,209	3,059	1,561	1,135	329	Divorced	844	1,873	2,694	955	1,167	532

[1] Includes persons 15–24 years old not shown separately. [2] No spouse present.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 433 and earlier reports; and unpublished data.

No. 73. Persons Living Alone, by Sex and Age: 1970 to 1988

[As of March. Based on Current Population Survey; see headnote, table 65]

Sex and age	Number of persons (1,000)						Percent distribution				
	1970	1975	1980	1985	1987	1988	1970	1975	1980	1985	1988
Both sexes	**10,851**	**13,939**	**18,296**	**20,602**	**21,128**	**21,889**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
15–24 years old [1]	556	1,111	1,726	1,324	1,252	1,244	5.1	8.0	9.4	6.4	5.7
25–34 years old	1,604	2,744	4,729	3,905	3,858	4,019	14.8	19.7	25.8	19.0	18.4
35–44 years old				2,322	2,642	2,837				11.3	13.0
45–64 years old	3,622	4,076	4,514	4,939	4,865	5,104	33.4	29.2	24.7	24.0	23.3
65–74 years old	2,815	3,281	3,851	4,130	4,160	4,243	25.9	23.5	21.0	20.0	19.4
75 years old and over	2,256	2,727	3,477	3,982	4,351	4,440	20.8	19.6	19.0	19.3	20.3
Male	**3,532**	**4,918**	**6,966**	**7,922**	**8,246**	**8,788**	**32.5**	**35.3**	**38.1**	**38.5**	**40.1**
15–24 years old [1]	274	610	947	750	661	653	2.5	4.4	5.2	3.6	3.0
25–34 years old	933	1,689	2,920	2,307	2,296	2,369	8.6	12.1	16.0	11.2	10.8
35–44 years old				1,406	1,585	1,776				6.8	8.1
45–64 years old	1,152	1,329	1,613	1,845	1,903	2,077	10.6	9.5	8.8	9.0	9.5
65–74 years old	611	723	775	868	937	1,014	5.6	5.2	4.2	4.2	4.6
75 years old and over	563	567	711	746	865	899	5.2	4.1	3.9	3.6	4.1
Female	**7,319**	**9,021**	**11,330**	**12,680**	**12,881**	**13,101**	**67.5**	**64.7**	**61.9**	**61.5**	**59.9**
15–24 years old [1]	282	501	779	573	591	591	2.6	3.6	4.3	2.8	2.7
25–34 years old	671	1,055	1,809	1,598	1,562	1,650	6.2	7.6	9.9	7.8	7.5
35–44 years old				916	1,057	1,061				4.4	4.8
45–64 years old	2,470	2,747	2,901	3,095	2,963	3,027	22.8	19.7	15.9	15.0	13.8
65–74 years old	2,204	2,558	3,076	3,262	3,223	3,229	20.3	18.4	16.8	15.8	14.8
75 years old and over	1,693	2,160	2,766	3,236	3,486	3,541	15.6	15.5	15.1	15.7	16.2

[1] 1970 and 1975, persons 14–24 years old.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 433 and earlier reports; and unpublished data.

No. 74. Population in Institutions and Other Group Quarters, by Sex and Type of Quarters: 1960 to 1980

[**In thousands.** As of **April 1.** Based on sample data and subject to sampling variability; see text, section 1 and Appendix III. See *Historical Statistics, Colonial Times to 1970,* series A 359-371, for inmates of institutions]

Type of quarters	1960	1970			1980		
		Total	Male	Female	Total	Male	Female
Total	**4,902**	**5,786**	**3,436**	**2,349**	**5,738**	**3,153**	**2,586**
Institutional inmates	1,887	2,127	1,126	1,000	2,492	1,231	1,261
Homes for the aged and dependent	470	928	299	629	1,426	422	1,004
Mental hospitals and residential treatment centers	630	434	245	189	255	157	99
Correctional institutions	346	328	314	15	466	439	27
Tuberculosis hospitals	65	17	12	5	8	6	1
Chronic disease hospitals (excl. TB and mental)	42	67	38	29	61	36	25
Homes and schools for the mentally handicapped	175	202	114	88	149	85	65
Homes and schools for the physically handicapped	24	23	16	6	27	15	12
Homes for dependent and neglected children	73	48	28	19	38	24	14
Homes for unwed mothers	3	4	(z)	4	2	–	2
Training schools for juvenile delinquents	46	66	53	14	42	34	8
Detention homes	11	10	7	4	17	14	3
College dormitories	829	1,765	891	874	1,994	989	1,006
Military quarters	868	1,025	1,005	20	671	613	58
Rooming and boarding houses	634	330	191	139	176	107	69
Other	684	539	224	315	404	212	192

– Represents or rounds to zero. Z Fewer than 500.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960,* vol. I, chapter D, and vol. II; *Census of Population: 1970,* vols. I and II; and *1980 Census of Population,* vol. 2 (PC80-2-4D).

No. 75. Religious Preference, Church Membership and Attendance: 1957 to 1988

[**In percent.** Covers civilian noninstitutional population, 18 years old and over. Data represent averages of the combined results of several surveys during year. Data are subject to sampling variability, see source]

Year	Religious preference					Church/synagogue members	Persons attending church/synagogue [1]	Age and region	Church/synagogue members, 1988
	Protestant	Catholic	Jewish	Other	None				
1957	66	26	3	1	3	[2] 73	47	18-29 years old	55
1967	67	25	3	3	2	[3] 73	43	30-49 years old	65
1975	62	27	2	4	6	71	41	50 years and over	73
1980	61	28	2	2	7	69	40		64
								East [4]	68
1985	57	28	2	4	9	71	42	Midwest [5]	71
1987	57	28	2	4	9	69	40	South [6]	71
1988	56	28	2	2	9	65	42	West [7]	53

[1] Persons who attended a church or synagogue in the last seven days. [2] 1952 data. [3] 1965 data. [4] ME, NH, RI, NY, CT, VT, MA, NJ, PA, WV, DE, MD, and DC. [5] OH, IN, IL, MI, MN, WI, IA, ND, SD, KS, NE, and MO. [6] KY, TN, VA, NC, SC, GA, FL, AL, MS, TX, AR, OK, and LA. [7] AZ, NM, CO, NV, MT, ID, WY, UT, CA, WA, OR, AK, and HI.

Source: The Gallup Organization, Princeton, NJ, "Religion in America" in *The Gallup Report,* periodic.

No. 76. Religious Bodies—Church Membership, 1960 to 1987, and Number of Churches, 1987

[**Membership in thousands, except as indicated.** See headnote, table 77. See also *Historical Statistics, Colonial Times to 1970,* series H 793-799]

Religious body	Membership						Number of churches, 1987
	1960	1970	1975	1980	1985	1987	
Total	**114,449**	**131,045**	**131,013**	**134,817**	**142,926**	**143,831**	**349,381**
Members as percent of population [1]	64	63	61	59	60	59	(x)
Average members per local church	359	399	393	401	413	412	(x)
Buddhist Churches of America	20	100	60	60	100	100	100
Eastern Churches	2,699	3,850	3,696	3,823	4,026	3,973	1,682
Jews [2]	5,367	5,870	6,115	5,920	5,835	5,944	3,416
Old Catholic, Polish National Catholic, and Armenian Churches	590	848	846	924	1,024	829	428
The Roman Catholic Church	42,105	48,215	48,882	50,450	52,655	53,497	23,552
Protestants [3]	63,669	71,713	71,043	73,479	79,096	79,296	319,073
Miscellaneous [4]		449	372	161	191	192	1,130

X Not applicable. [1] Based on Bureau of the Census estimated total population as of July 1. [2] Estimates of the Jewish community including those identified with Orthodox, Conservative and Reformed synagogues or temples. [3] Includes nonprotestant bodies such as "Latter-day Saints" and "Jehovah's Witnesses." [4] Includes non-Christian bodies such as "Spiritualists," "Ethical Culture Movement," and "Unitarian-Universalists."

Source: National Council of the Churches of Christ in the United States of America, New York, NY, *Yearbook of American and Canadian Churches,* annual. (Copyright.)

No. 77. Religious Bodies—Selected Data

[Represents latest information available from religious bodies with memberships of 50,000 or more; excludes a few groups giving no data. Not all groups follow same calendar year nor count membership in same way; some groups give only approximate figures. Roman Catholics count all baptized persons, including infants; Jewish statistics are estimates of the number of persons living in Jewish households including as a consequence of intermarriage, approximately 7.4 percent non-Jewish persons. Eastern Orthodox Churches include all persons in their nationality or cultural groups; most Protestant bodies count only persons who have attained full membership, and previous estimates have indicated that all but a small minority of these are over 11 years of age; however, many Lutheran bodies and The Episcopal Church report all baptized persons, and not only those confirmed. Data which appear in italics are "noncurrent," i.e., they are reported for **1986 or earlier.** All other data are "current" and were reported in **1987 or 1988**]

RELIGIOUS BODY	Year	Churches reported	Membership (1,000)	Pastors serving parishes	Sunday school enrollment [1] (1,000)
Total	(x)	**349,381**	**143,831**	**333,097**	**27,210**
Bodies with membership of 50,000 or more	(x)	**333,920**	**142,274**	**319,225**	**26,915**
Current data	(x)	213,809	109,385	223,890	26,915
Noncurrent data	(x)	*120,111*	*32,889*	*95,335*	(NA)
African Methodist Episcopal Church	*1981*	*6,200*	*2,210*	*6,050*	(NA)
African Methodist Episcopal Zion Church	1987	6,060	1,220	6,300	256
American Baptist Association	*1986*	*1,705*	*250*	*1,740*	(NA)
American Baptist Churches in the U.S.A.	1987	5,833	1,569	5,084	369
American Carpatho-Russian Orthodox Greek Catholic Church	*1976*	*70*	*100*	*61*	(NA)
Antiochian Orthodox Christian Archdiocese of North America, The	1986	150	280	200	4
Apostolic Catholic Assyrian Church of the East, N. American Diocese	*1984*	*24*	*80*	*54*	(NA)
Armenian Church of America, Diocese of the	*1979*	*66*	*450*	*45*	(NA)
Assemblies of God	1987	11,004	2,161	15,331	1,415
Baptist Bible Fellowship, International	*1986*	*3,449*	*1,406*	*3,400*	(NA)
Baptist General Conference	1987	762	131	1,200	75
Baptist Missionary Association of America	1987	1,347	228	1,500	97
Buddhist Churches of America	*1984*	*100*	*100*	*70*	(NA)
Bulgarian Eastern Orthodox Church (Diocese of N. and S. America and Australia)	*1971*	*13*	*86*	(NA)	(NA)
Christian and Missionary Alliance, The	1987	1,785	244	1,842	171
Christian Brethren (a.k.a. Plymouth Brethren)	*1984*	*1,150*	*98*	(NA)	(NA)
Christian Church (Disciples of Christ)	1987	4,195	1,087	3,977	331
Christian Churches and Churches of Christ	1987	5,614	1,072	(NA)	(NA)
Christian Congregation, Inc., The	1987	1,456	107	1,454	58
Christian Methodist Episcopal Church	*1983*	*2,340*	*719*	*2,340*	(NA)
Christian Reformed Church in North America	1987	682	226	609	(NA)
Church of God, The	*1978*	*2,035*	*76*	*1,910*	(NA)
Church of God (Anderson, IN)	1987	2,314	199	1,940	196
Church of God (Cleveland, TN)	*1984*	*5,346*	*506*	*6,341*	(NA)
Church of God in Christ, The	*1982*	*9,962*	*3,710*	*9,204*	(NA)
Church of God in Christ, International, The	*1982*	*300*	*200*	*700*	(NA)
Church of God of Prophecy, The	1987	2,085	75	3,002	98
Church of Jesus Christ of Latter-day Saints, The	1987	8,682	4,000	26,046	3,717
Church of the Brethren	1987	1,052	154	938	57
Church of the Nazarene	1987	5,080	544	4,112	851
Churches of Christ	1987	13,364	1,624	(NA)	(NA)
Community Churches, International Council of	1988	200	200	(NA)	(NA)
Congregational Christian Churches, National Association of	*1985*	*464*	*108*	*563*	(NA)
Conservative Baptist Association of America	*1982*	*1,140*	*225*	(NA)	(NA)
Coptic Orthodox Church	1987	28	115	28	(NA)
Cumberland Presbyterian Church	1987	759	92	459	43
Episcopal Church, The	1987	7,387	2,462	8,031	559
Evangelical Covenant Church, The	1987	575	87	518	74
Evangelical Free Church of America	*1986*	*880*	*96*	(NA)	(NA)
Evangelical Lutheran Church in America	1987	11,133	5,288	9,843	(NA)
Free Methodist Church of North America	1987	1,072	73	1,217	110
Free Will Baptists, National Association of	1987	2,524	200	2,800	159
Friends United Meeting	1987	532	56	294	25
Full Gospel Fellowship of Churches and Ministers, International	*1985*	*450*	*65*	*850*	(NA)
General Association of Regular Baptist Churches	*1981*	*1,571*	*301*	*2,000*	(NA)
General Baptists (General Association of)	1987	879	74	(NA)	(NA)
Greek Orthodox Archdiocese of North and South America	*1977*	*535*	*1,950*	*610*	(NA)
Independent Fundamental Churches of America	*1980*	*1,019*	*120*	*782*	(NA)
International Church of the Foursquare Gospel	1987	1,290	192	(NA)	45
Jehovah's Witnesses	1987	8,547	773	-	-
Jews [2]	1987	3,416	5,944	(NA)	(NA)
Liberty Baptist Fellowship	1987	510	200	1,500	(NA)
Lutheran Church—Missouri Synod, The	1987	5,912	2,614	5,218	658
Mennonite Church	1987	1,007	93	1,598	(NA)
National Baptist Convention of America	*1956*	*11,398*	*2,669*	*7,598*	(NA)
National Baptist Convention, U.S.A., Inc	*1958*	*26,000*	*5,500*	*26,000*	(NA)
National Primitive Baptist Convention, Inc	*1975*	*606*	*250*	*460*	(NA)
North American Old Roman Catholic Church	*1986*	*133*	*63*	*109*	(NA)
Old Order Amish Church	1987	722	65	2,888	(NA)
Orthodox Church in America	*1978*	*440*	*1,000*	*457*	(NA)
Pentecostal Church of God	1987	1,166	89	(NA)	66
Pentecostal Holiness Church, International	*1984*	*1,461*	*113*	*1,530*	(NA)

See footnotes at end of table.

No. 77. Religious Bodies—Selected Data—Continued

[See headnote, p. 56]

RELIGIOUS BODY	Year	Churches reported	Membership (1,000)	Pastors serving parishes	Sunday school enrollment [1] (1,000)
Bodies with membership of 50,000 or more—Con.					
Polish National Catholic Church of America	*1960*	*162*	*282*	*141*	(NA)
Presbyterian Church in America	1987	924	191	1,062	91
Presbyterian Church (U.S.A.)	1987	11,513	2,968	11,365	1,096
Primitive Baptists	*1960*	*1,000*	*72*	(NA)	(NA)
Progressive National Baptist Convention, Inc	*1967*	*655*	*522*	(NA)	(NA)
Reformed Church in America	1987	925	338	837	100
Reorganized Church of Jesus Christ of Latter-day Saints	1987	1,097	192	16,929	(NA)
Roman Catholic Church, The	1987	23,552	53,497	34,791	7,147
Romanian Orthodox Episcopate of America	1987	34	60	28	2
Russian Orthodox Church Outside of Russia, The	*1955*	*81*	*55*	*92*	(NA)
Salvation Army, The	1987	1,097	434	2,582	111
Serbian Eastern Orthodox Church in the U.S.A. and Canada	*1986*	*68*	*67*	*60*	(NA)
Seventh-day Adventist Church	1987	4,096	676	2,241	512
Southern Baptist Convention	1987	37,238	14,723	37,150	7,937
Triumph the Church and Kingdom of God in Christ (International)	*1972*	*475*	*54*	*860*	(NA)
Ukrainian Orthodox Church in the U.S.A	*1966*	*107*	*88*	*107*	(NA)
Unitarian Universalist Association	*1986*	*956*	*173*	(NA)	(NA)
United Church of Christ	1987	6,395	1,663	5,116	436
United Methodist Church, The	*1986*	*37,750*	*9,125*	*21,201*	(NA)
United Pentecostal Church, International	1988	3,410	500	(NA)	(NA)
Wesleyan Church, The	1987	3,217	186	2,656	(NA)
Wisconsin Evangelical Lutheran Synod	1987	1,187	419	1,404	49
Bodies with membership of less than 50,000	(x)	**15,461**	**1,557**	**13,872**	**295**

– Represents zero. NA Not available. X Not applicable. [1] Includes pupils, officers, and teachers. [2] Estimate of size of Jewish community provided by American Jewish Yearbook. Estimates of the number of Jews holding membership in synagogues or temples of the four branches of Judaism amount to 3,750,000.

Source: National Council of the Churches of Christ in the United States of America, New York, NY, *Yearbook of American and Canadian Churches*, annual. (Copyright.)

No. 78. Religious Congregations—Summary: 1986

[Excludes Alaska and Hawaii. A religious congregation is a community of people who meet together for worship, for fellowship, and for service to their members and the larger communities in which they live. Excludes informal congregational groups that did not have an official meeting place, denominational organizations, religious charities, and religiously-owned or -affiliated institutions. Based on a sample survey of 4,205 local congregations conducted by the Gallup Organization; for details, see source]

SIZE OF CONGREGATION	Number of congregations	AREAS OF ACTIVITY	Percent of all congregations providing support or service [3]	SOURCE OF REVENUE OR TYPE OF EXPENDITURE	Amount [7] (mil. dol.)
Total	[1] **294,271**	Human services	86.9	**Revenues, total**	**49,571**
		Family counseling	79.2	Individual giving	40,400
Fewer than 100 members	[2] 60,300	Recreation [4]	78.7	Bequests	1,373
100–199 members	53,269	Meal services	38.4	Dues, fees, charges	
200–299 members	39,715	Housing for homeless	32.4	for services	2,479
300–399 members	30,848	Day care	30.8	Other	5,040
400–499 members	21,424				
500–999 members	45,606	International	78.5	**Expenditures, total**	**48,078**
1,000–1,999 members	21,691	Relief abroad	71.4	Current operating	35,690
2,000 or more members	13,958	Support of education	49.6	Wages, salaries	14,482
		Refugee-related	35.4	Fringe benefits	4,074
Fewer than 100 nonmembers	215,803			Supplies, services	17,133
100–199 nonmembers	29,102	Public benefit	69.8		
200–299 nonmembers	8,595	Right-to-life	46.8	Donations	8,352
300–399 nonmembers	4,710	Family planning [5]	29.5	Within denomination	5,466
400 or more nonmembers	8,336			To other organizations	1,897
		Health	67.6	Direct assistance to	
		Institutional care [6]	56.2	individuals	990
		Education	38.2	Construction, capital	
		Elementary	37.6	improvements [8]	4,035
		Secondary	32.1		

[1] Includes those which don't know or did not answer [2] Includes churches with 100 or more nonmembers. [3] Congregations could give multiple responses. [4] Includes camp programs and other youth programs. [5] Includes abortion. [6] Hospitals, clinics, nursing homes, hospices. [7] Covers only those 286,811 congregations that are identified by size. [8] Includes acquisition of real property.

Source: INDEPENDENT SECTOR, Washington, DC, *From Belief to Commitment: The Activities and Finances of Religious Congregations in the United States*, 1988. (Copyright.)

No. 79. Christian Church Adherents, 1980, and Jewish Population, 1988—States

[Christian church adherents were defined as "all members, including full members, their children and the estimated number of other regular participants who are not considered as communicant, confirmed or full members." Data on Christian church adherents are based on reports of 111 church bodies and exclude 18 church bodies that reported more than 100,000 members to the *Yearbook of American and Canadian Churches* (see table 77): African Methodist Episcopal Church; Progressive National Baptist Convention, Inc.; National Primitive Baptist Convention, Inc.; National Baptist Convention, U.S.A., Inc.; National Baptist Convention of America; Church of God in Christ, International; Church of God in Christ; Jehovah's Witnesses; United Pentecostal Church International; Polish National Catholic Church of America; General Association of Regular Baptist Churches; Free Will Baptists; Church of God of Prophecy; National Council of Community Churches; Reorganized Church of Jesus Christ of Latter Day Saints; Independent Fundamental Churches of America; Pentecostal Church of God of America, Inc.; and Wesleyan Church. Data on Jewish population are based primarily on a compilation of individual estimates made by local Jewish federations. Additionally, most large communities have completed Jewish demographic surveys from which the Jewish population can be determined. For composition of regions, see fig. I, inside front cover]

Region, division, and state	Christian church adherents, 1980		Jewish population, 1988	
	Number (1,000)	Percent of population [1]	Number (1,000)	Percent of population [1]
U.S	**111,736**	**49.3**	**5,935**	**2.5**
Region:				
Northeast	27,029	55.0	3,026	6.0
Midwest	31,204	53.0	651	1.1
South	37,516	49.8	1,159	1.4
West	15,986	37.0	1,099	2.2
New England	**7,381**	**59.8**	**422**	**3.3**
Maine	461	41.0	8	.7
New Hampshire	407	44.2	7	.7
Vermont	244	47.7	5	.9
Massachusetts	3,669	64.0	276	4.7
Rhode Island	710	75.0	16	1.7
Connecticut	1,890	60.8	110	3.5
Middle Atlantic	**19,649**	**53.4**	**2,603**	**7.0**
New York	8,548	48.7	1,844	10.4
New Jersey	3,923	53.3	413	5.4
Pennsylvania	7,177	60.5	346	2.9
East North Central	**20,969**	**50.3**	**529**	**1.3**
Ohio	5,306	49.1	131	1.2
Indiana	2,451	44.6	20	.4
Illinois	6,251	54.7	258	2.2
Michigan	3,932	42.5	84	.9
Wisconsin	3,029	64.4	36	.8
West North Central	**10,235**	**59.6**	**123**	**.7**
Minnesota	2,644	64.9	31	.7
Iowa	1,781	61.1	7	.2
Missouri	2,613	53.1	63	1.2
North Dakota	482	73.8	1	.1
South Dakota	462	66.9	(z)	.1
Nebraska	990	63.1	7	.5
Kansas	1,262	53.4	14	.6
South Atlantic	**16,247**	**44.0**	**995**	**2.4**
Delaware	238	40.1	9	1.5
Maryland	1,673	39.7	210	4.7
District of Columbia	304	47.6	25	4.0
Virginia	2,221	41.5	65	1.1
West Virginia	772	39.6	3	.2
North Carolina	3,169	53.9	14	.2
South Carolina	1,603	51.3	9	.3
Georgia	2,560	46.9	63	1.0
Florida	3,707	38.0	596	5.1
East South Central	**8,079**	**55.1**	**43**	**.3**
Kentucky	1,979	54.1	12	.3
Tennessee	2,485	54.1	20	.4
Alabama	2,230	57.3	9	.2
Mississippi	1,385	54.9	2	.1
West South Central	**13,189**	**55.5**	**121**	**.4**
Arkansas	1,282	56.1	2	.1
Louisiana	2,404	57.2	16	.4
Oklahoma	1,751	57.9	5	.2
Texas	7,752	54.5	97	.6
Mountain	**5,241**	**46.1**	**149**	**1.1**
Montana	348	44.2	(z)	.1
Idaho	472	50.0	(z)	.1
Wyoming	207	44.0	(z)	.1
Colorado	1,052	36.4	49	1.5
New Mexico	767	58.9	6	.4
Arizona	1,065	39.2	69	2.1
Utah	1,097	75.1	3	.2
Nevada	233	29.1	19	2.0
Pacific	**10,745**	**33.8**	**951**	**2.7**
Washington	1,275	30.9	22	.5
Oregon	946	35.9	12	.5
California	8,082	34.1	905	3.4
Alaska	123	30.6	2	.4
Hawaii	319	33.1	8	.8

Z Fewer than 500. [1] Based on U.S. Bureau of the Census data for resident population enumerated as of April 1, 1980 and estimated as of July 1988.

Source: Christian church adherents—B. Quinn, H. Anderson, M. Bradley, P. Goetting, and P. Shriver, *Churches and Church Membership in the United States 1980*, Glenmary Research Center, Atlanta, GA, 1982 (copyright); Jewish population—American Jewish Committee and the American Jewish Publication Society, New York, NY, *American Jewish Year Book, 1989* (copyright).

1990

Section 2

Vital Statistics

This section presents vital statistics—data on births; deaths; abortions; fetal deaths, including stillbirths; fertility; life expectancy; marriages; and divorces. Vital statistics are compiled for the country as a whole by the National Center for Health Statistics (NCHS) and published in its annual report, *Vital Statistics of the United States,* in certain reports of the *Vital and Health Statistics* series, and in the *Monthly Vital Statistics Report.* Reports in this field are also issued by the various State bureaus of vital statistics. Data on fertility, on age of persons at first marriage, and on marital status and marital history are compiled by the Bureau of the Census from its Current Population Survey (CPS; see text, section 1) and published in *Current Population Reports,* series P-20. Data on abortions are published by the Alan Guttmacher Institute, New York, NY in selected issues of *Family Planning Perspectives.*

Registration of vital events.—The registration of births, deaths, fetal deaths, and other vital events in the United States is primarily a State and local function. The civil laws of every State provide for a continuous and permanent birth- and death-registration system. Many States also provide for marriage- and divorce-registration systems. Vital events occurring to U.S. residents outside the United States are not included in the data.

Births and deaths.—The live-birth, death, and fetal-death statistics prepared by NCHS are based on vital records filed in the registration offices of all States, of New York City, and of the District of Columbia. The annual collection of death statistics on a national basis began in 1900 with a national death-registration area of 10 States and the District of Columbia; a similar annual collection of birth statistics for a national birth-registration area began in 1915, also with 10 reporting States and the District of Columbia. Since 1933, the birth- and death-registration areas have comprised the entire United States, including Alaska (beginning 1959) and Hawaii (beginning 1960). National statistics on fetal deaths were first compiled for 1918 and annually since 1922.

Prior to 1951, birth statistics came from a complete count of records received in the Public Health Service (now received in NCHS). From 1951 through 1971, they were based on a 50-percent sample of all registered births (except for a complete count in 1955 and a 20- to 50-percent sample in 1967). Beginning in 1972, they have been based on a complete count for States participating in the Vital Statistics Cooperative Program (VSCP) (for details, see the technical appendix in *Vital Statistics of the United States*) and on a 50-percent sample of all other areas. Beginning 1986 all reporting areas participated in the VSCP. Mortality data have been based on a complete count of records for each area (except for a 50-percent sample in 1972). Beginning in 1970, births to, and deaths of nonresident aliens of the United States and U.S. citizens outside the United States have been excluded from the data. Fetal deaths and deaths among Armed Forces abroad are excluded. Data based on samples are subject to sampling error; for details, see annual issues of *Vital Statistics of the United States.*

Mortality statistics by cause of death are compiled in accordance with World Health Organization regulations according to the *International Classification of Diseases* (ICD). The ICD is revised approximately every 10 years. The ninth revision of the ICD was employed beginning in 1979. Deaths for prior years were classified according to the revision of the ICD in use at the time. Each revision of the ICD introduces a number of discontinuities in mortality statistics; for a discussion of those between the eighth and ninth revisions of the ICD, see *Monthly Vital Statistics Report,* vol. 28, No. 11, supplement.

Some of the tables present age-adjusted death rates in addition to crude death rates. Age adjusted death rates shown in this section were prepared using the direct method, in which age-specific death rates for a given cause of death are applied to a standard population distributed by age. The rates for the total population and for each race-sex group were adjusted separately, by using the same standard population. The age-adjusted rates were based on 10-year age groups. Age adjustment eliminates the differences in observed rates between points in time or among compared population groups that result from age differences in population composition.

Abortions.—The U.S. Centers for Disease Control (CDC) collects data on abortions annually from States which have a central health agency with a statewide reporting system. The Alan Guttmacher Institute, New York, NY also issues data on the number of abortions based on its own surveys of hospitals and physicians. The Guttmacher Institute also publishes data on the characteristics of abortions after adjusting CDC data for changes in the number of States reporting each year.

Fertility and life expectancy.—The total fertility rate, defined as the number of births that 1,000 women would have in their lifetime if, at each year of age, they experienced the birth rates occurring in the specified year, is compiled and published by NCHS. Other data relating to social and medical factors which affect fertility rates, such as contraceptive use and birth expectations, are collected and made available by both NCHS and the Bureau of the Census. NCHS figures are based on information in birth and fetal death certificates and on the periodic National Surveys of Family Growth; Bureau of the Census data are based on decennial censuses and the CPS.

Data on life expectancy, the average remaining lifetime in years for persons who attain a given age, are computed and published by NCHS. For details, see the technical appendix in *Vital Statistics of the United States.*

Marriage and divorce.—The compilation of nationwide statistics on marriages and divorces in the United States began in 1887-1888 when the National Office of Vital Statistics prepared estimates for the years 1867-1886. Although periodic updates took place after 1888, marriage and divorce statistics were not collected and published annually until 1944 by that Office. In 1957 and 1958, respectively, the same Office established marriage- and divorce-registration areas. Beginning in 1957, the marriage-registration area comprised 30 States, plus Alaska, Hawaii, Puerto Rico, and the Virgin Islands; it currently includes 42 States and the District of Columbia. The divorce-registration area, starting in 1958 with 14 States, Alaska, Hawaii, and the Virgin Islands, currently includes a total of 31 States and the Virgin Islands. Procedures for estimating the number of marriages and divorces in the registration States are discussed in *Vital Statistics of the United States,* Vol. III—*Marriage and Divorce.* Total counts of events for registration and nonregistration States are gathered by collecting already summarized data on marriages and divorces reported by State offices of vital statistics and by county offices of registration.

Another important source of data on marriage and divorce trends in the United States is the March supplement to the Current Population Survey conducted by the Bureau of the Census. For information on marital status, see section 1.

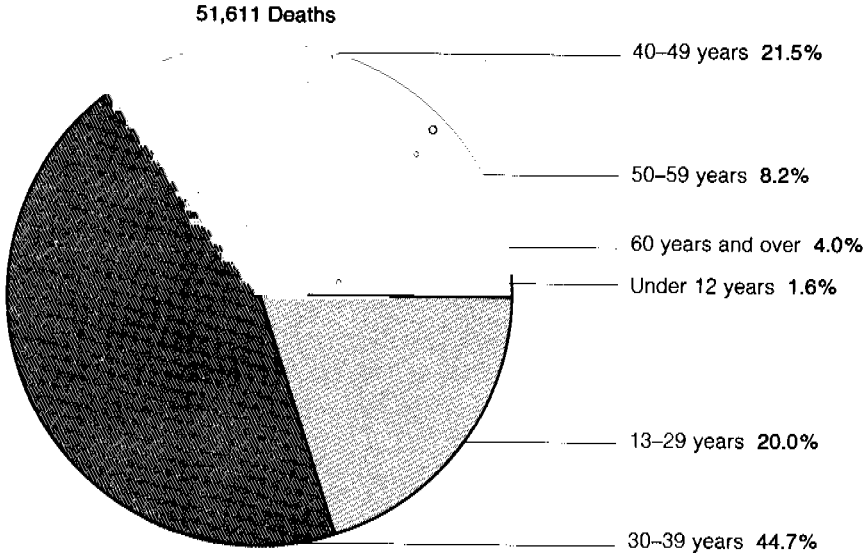
Vital statistics rates.—Except as noted, vital statistics rates computed by NCHS are based on decennial census population figures as of April 1 for 1940, 1950, 1960, 1970, and 1980; and on midyear population figures for other years, as estimated by the Bureau of the Census (see text, section 1).

Race.—Data by race for births, deaths, marriages, and divorces from NCHS are based on information contained in the certificates of registration. The Census Bureau's Current Population Survey obtains information on race by asking respondents to classify their race as: (1) White, (2) Black, (3) American Indian, Eskimo, or Aleut, or (4) Asian or Pacific Islander.

Statistical reliability.—For discussion of statistical collection, estimation, and sampling procedures, and measures of statistical reliability applicable to Census Bureau and NCHS data, see Appendix III.

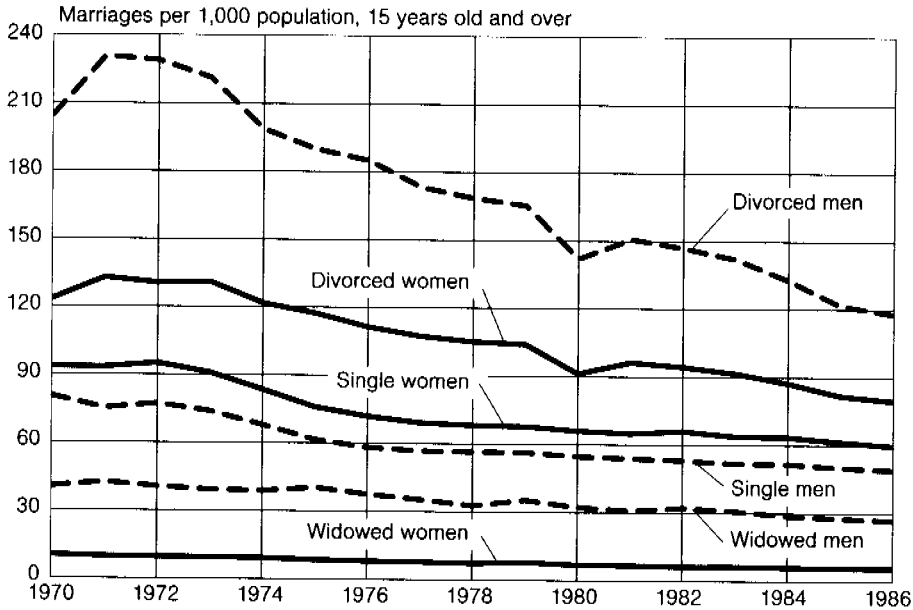
Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix IV.

Figure 2.1
Distribution of AIDS Deaths, by Age: 1982 through 1988



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 119.

Figure 2.2
Marriage Rates, by Previous Marital Status: 1970 to 1986



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 129.

No. 80. Live Births, Deaths, Marriages, and Divorces: 1950 to 1988

[Prior to 1960, excludes Alaska and Hawaii. Beginning 1970, excludes births to, and deaths of, nonresidents of the U.S. See Appendix III. See also *Historical Statistics, Colonial Times to 1970,* series B 1–5, B 142, B 167, B 214, and B 216]

Year	Number (1,000)					Rate per 1,000 population				
	Births [1]	Deaths		Marriages [3]	Divorces [4]	Births [1]	Deaths		Marriages [3]	Divorces [4]
		Total	Infant [2]				Total	Infant [2]		
1950	3,632	1,452	104	1,667	385	24.1	9.6	29.2	11.1	2.6
1955	4,097	1,529	107	1,531	377	25.0	9.3	26.4	9.3	2.3
1957	4,300	1,633	112	1,518	381	25.3	9.6	26.3	8.9	2.2
1960	4,258	1,712	111	1,523	393	23.7	9.5	26.0	8.5	2.2
1965	3,760	1,828	93	1,800	479	19.4	9.4	24.7	9.3	2.5
1970	3,731	1,921	75	2,159	708	18.4	9.5	20.0	10.6	3.5
1971	3,556	1,928	68	2,190	773	17.2	9.3	19.1	10.6	3.7
1972	3,258	1,964	60	2,282	845	15.6	9.4	18.5	10.9	4.0
1973	3,137	1,973	56	2,284	915	14.8	9.3	17.7	10.8	4.3
1974	3,160	1,934	53	2,230	977	14.8	9.1	16.7	10.5	4.6
1975	3,144	1,893	51	2,153	1,036	14.6	8.8	16.1	10.0	4.8
1976	3,168	1,909	48	2,155	1,083	14.6	8.8	15.2	9.9	5.0
1977	3,327	1,900	47	2,178	1,091	15.1	8.6	14.1	9.9	5.0
1978	3,333	1,928	46	2,282	1,130	15.0	8.7	13.8	10.3	5.1
1979	3,494	1,914	46	2,331	1,181	15.6	8.5	13.1	10.4	5.3
1980	3,612	1,990	46	2,390	1,189	15.9	8.8	12.6	10.6	5.2
1981	3,629	1,978	43	2,422	1,213	15.8	8.6	11.9	10.6	5.3
1982	3,681	1,975	42	2,456	1,170	15.9	8.5	11.5	10.6	5.0
1983	3,639	2,019	41	2,446	1,158	15.5	8.6	11.2	10.5	4.9
1984	3,669	2,039	40	2,477	1,169	15.5	8.6	10.8	10.5	5.0
1985	3,761	2,086	40	2,413	1,190	15.8	8.7	10.6	10.1	5.0
1986	3,757	2,105	39	2,407	1,178	15.6	8.7	10.4	10.0	4.9
1987	3,809	2,123	38	[5] 2,421	[5] 1,157	15.7	8.7	10.1	[5] 9.9	[5] 4.8
1988, prel	3,913	2,171	39	2,389	1,183	15.9	8.8	9.9	9.7	4.8

[1] Through 1957, adjusted for underregistration. [2] Infants under 1 year, excluding fetal deaths; rates per 1,000 registered live births. [3] Includes estimates for some States through 1965 and also for 1976 and 1977 and marriage licenses for some States for all years except 1973 and 1975. Beginning 1978, includes nonlicensed marriages in California. [4] Includes reported annulments and some estimated State figures for all years. [5] Preliminary.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual; and unpublished data.

No. 81. Live Births and Deaths—20 Largest Metropolitan Areas: 1986

[Excludes births to, and deaths of, nonresidents of U.S. Data are by place of residence. Metropolitan statistical areas (MSA's), consolidated metropolitan statistical areas (CMSA's) and New England County Metropolitan Areas (NECMA's), are as defined by the U.S. Office of Management and Budget as of **June 30, 1987**; see Appendix II for definitions and components]

Metropolitan area	Number (1,000)			Rate per 1,000 population		
	Births	Deaths		Births	Deaths	
		Total	Infant [1]		Total	Infant [1]
New York-Northern New Jersey-Long Island, NY–NJ–CT CMSA [2]	261,869	171,369	2,744	14.6	9.6	10.5
Los Angeles-Anaheim-Riverside, CA CMSA	247,483	96,595	2,224	18.9	7.4	9.0
Chicago-Gary-Lake County (IL), IL–IN–WI CMSA	130,021	68,677	1,641	16.0	8.5	12.6
San Francisco-Oakland-San Jose, CA CMSA	92,741	45,144	759	15.8	7.7	8.2
Philadelphia-Wilmington-Trenton, PA–NJ–DE–MD CMSA	89,318	56,922	1,006	15.3	9.7	11.3
Detroit-Ann Arbor, MI CMSA	69,032	41,324	846	15.0	9.0	12.3
Boston-Lawrence-Salem-Lowell-Brockton, MA NECMA	52,825	34,504	444	14.2	9.3	8.4
Dallas-Fort Worth, TX CMSA	71,880	23,784	727	19.7	6.5	10.1
Houston-Galveston-Brazoria, TX CMSA	67,600	20,862	643	18.5	5.7	9.5
Washington, DC–MD–VA MSA	57,393	24,226	705	16.1	6.8	12.3
Miami-Fort Lauderdale, FL CMSA	44,247	30,480	487	15.3	10.5	11.0
Cleveland-Akron-Lorain, OH CMSA	39,569	26,899	439	14.3	9.7	11.1
Atlanta, GA MSA	42,210	17,325	494	16.4	6.7	11.7
St. Louis, MO–IL MSA	38,346	22,895	447	15.7	9.4	11.7
Pittsburgh-Beaver Valley, PA CMSA	28,301	25,737	294	12.3	11.1	10.4
Minneapolis-St. Paul, MN–WI MSA	38,532	16,181	350	16.8	7.0	9.1
Seattle-Tacoma, WA CMSA	36,084	16,634	344	15.8	7.3	9.5
Baltimore, MD MSA	35,582	21,130	424	15.6	9.3	11.9
San Diego, CA MSA	39,044	15,608	356	17.7	7.1	9.1
Tampa-St. Petersburg-Clearwater, FL MSA	24,557	23,879	278	12.8	12.5	11.3

[1] Infants under 1 year, excluding fetal deaths; rates per 1,000 registered live births. [2] CT portion of CMSA covers all of Fairfield County.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual.

No. 82. Births and Birth Rates: 1960 to 1987

[**Births in thousands, except as indicated.** Beginning 1970, excludes births to nonresidents of U.S. For population bases used to derive these data, see text, section 2. See Appendix III. Minus sign (–) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series B 1, B 5–10, and B 12–20]

ITEM	1960	1965	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
Live births [1]	**4,258**	**3,760**	**3,731**	**3,144**	**3,612**	**3,629**	**3,681**	**3,639**	**3,669**	**3,761**	**3,757**	**3,809**
Average annual percent change [2]	.8	–2.5	–.2	–3.4	2.8	.5	1.4	–1.1	.8	2.5	–.1	1.4
White	3,601	3,124	3,091	2,552	2,899	2,909	2,942	2,904	2,924	2,991	2,970	2,992
Black	602	581	572	512	590	588	593	586	593	608	621	642
Male	2,180	1,927	1,915	1,613	1,853	1,860	1,886	1,866	1,879	1,928	1,925	1,951
Female	2,078	1,833	1,816	1,531	1,760	1,769	1,795	1,773	1,790	1,833	1,832	1,858
Males per 100 females	104.9	105.1	105.5	105.4	105.3	105.2	105.1	105.2	105.0	105.2	105.1	105.0
Age of mother:												
Under 20 years old	594	599	656	595	562	537	524	499	480	478	472	473
20–24 years old	1,427	1,337	1,419	1,094	1,226	1,212	1,206	1,160	1,142	1,141	1,102	1,076
25–29 years old	1,093	926	995	937	1,108	1,128	1,152	1,148	1,166	1,201	1,200	1,216
30–34 years old	688	529	428	376	550	581	605	625	658	696	721	761
35–39 years old	360	283	180	115	141	146	168	180	196	214	230	248
40 years old or more	97	86	53	28	24	25	26	27	28	29	31	36
Age of father:												
Under 20 years old	123	140	189	159	137	129	125	116	109	108	105	105
20–24 years old	990	964	1,015	779	803	785	768	722	696	685	651	627
25–29 years old	1,193	1,011	1,085	979	1,082	1,083	1,093	1,070	1,067	1,081	1,059	1,053
30–34 years old	875	681	599	537	739	768	780	782	806	837	845	872
35–39 years old	516	415	298	213	275	286	319	335	356	381	398	413
40 years old or more	363	302	214	135	139	141	149	153	160	167	174	191
Age not stated	197	248	330	342	437	437	447	461	475	502	524	549
Birth rate per 1,000 population	**23.7**	**19.4**	**18.4**	**14.6**	**15.9**	**15.8**	**15.9**	**15.5**	**15.5**	**15.6**	**15.6**	**15.7**
White	22.7	18.3	17.4	13.6	14.9	14.8	14.9	14.6	14.5	14.8	14.5	14.5
Black	31.9	27.7	25.3	20.7	22.1	21.6	21.4	20.9	20.8	21.1	21.2	21.6
Male	24.7	20.3	19.4	15.4	16.8	16.7	16.7	16.4	16.3	16.6	16.4	16.5
Female	22.8	18.6	17.4	13.8	15.1	15.0	15.1	14.7	14.7	15.0	14.8	14.9
Plural birth ratio [3]	20.4	20.1	[4] 18.1	19.2	19.3	19.7	19.9	20.3	20.3	21.0	21.6	22.0
White	19.3	19.0	[4] 17.3	18.5	18.5	18.8	19.2	19.6	19.8	20.4	21.2	21.6
Black	(NA)	(NA)	[4] 22.8	23.1	24.1	24.7	24.1	24.5	24.2	25.3	24.9	25.4
Birth rate per 1,000 women [5]	**118.0**	**96.6**	**87.9**	**66.0**	**68.4**	**67.4**	**67.3**	**65.8**	**65.4**	**66.2**	**65.4**	**65.7**
White [5]	113.2	91.4	84.1	62.5	64.7	63.9	63.9	62.4	62.2	63.0	61.9	62.0
Black [5]	153.5	133.2	115.4	87.9	88.1	85.4	84.1	81.7	81.4	82.2	82.4	83.8
Age of mother:												
10–14 years old	.8	.8	1.2	1.3	1.1	1.1	1.1	1.1	1.2	1.2	1.3	1.3
15–19 years old	89.1	70.5	68.3	55.6	53.0	52.7	52.9	51.7	50.9	51.3	50.6	51.1
20–24 years old	258.1	195.3	167.8	113.0	115.1	111.8	111.3	108.3	107.3	108.9	108.2	108.9
25–29 years old	197.4	161.6	145.1	108.2	112.9	112.0	111.0	108.7	108.3	110.5	109.2	110.8
30–34 years old	112.7	94.4	73.3	52.3	61.9	61.4	64.2	64.6	66.5	68.5	69.3	71.3
35–39 years old	56.2	46.2	31.7	19.5	19.8	20.0	21.1	22.1	22.8	23.9	24.3	26.2
40–44 years old	15.5	12.6	8.1	4.6	3.9	3.8	3.9	3.8	3.9	4.0	4.1	4.4
45–49 years old	[6] .9	.8	.5	.3	.2	.2	.2	.2	.2	.2	.2	.2
Birth rate per 1,000 men [7]	**94.8**	**77.4**	**71.5**	**53.8**	**57.0**	**56.3**	**56.4**	**55.3**	**55.0**	**55.7**	**54.9**	**55.0**
White [7]	89.8	72.3	67.1	49.8	52.9	52.3	52.5	51.5	51.2	51.9	50.9	50.9
Black [7]	(NA)	(NA)	107.4	82.1	83.8	81.2	79.8	78.0	77.6	78.2	78.3	79.5
Age of father: [8]												
15–19 years old [9]	21.5	20.0	25.6	20.8	18.8	18.5	18.7	18.4	18.0	18.2	18.1	18.6
20–24 years old	202.2	163.2	146.6	96.2	92.0	88.0	86.1	83.5	81.9	82.8	82.3	83.0
25–29 years old	232.6	193.7	175.0	123.9	123.0	119.7	117.4	113.9	111.0	111.9	109.1	109.4
30–34 years old	154.2	131.8	112.3	81.5	91.0	88.6	90.4	88.7	88.8	89.7	88.7	89.3
35–39 years old	87.4	73.9	57.6	39.9	42.8	43.2	44.2	45.3	45.7	47.0	46.5	48.2
40–44 years old	42.6	34.0	24.9	16.5	17.1	16.9	17.6	17.2	17.8	18.1	18.4	19.1
45–49 years old	16.7	13.2	9.1	6.1	6.1	6.3	6.4	6.4	6.3	6.6	6.7	6.9
50–54 years old	6.2	4.7	3.1	2.2	2.2	2.3	2.4	2.3	2.4	2.5	2.5	2.5
55 years old and over	1.0	.8	.6	.4	.4	.4	.4	.3	.4	.4	.4	.4

NA Not available. [1] Includes other races, not shown separately. [2] For explanation, see Guide to Tabular Presentation. For 1960, change from 1955. [3] Per 1,000 live births. [4] 1971. [5] Per 1,000 women, 15–44 years old in specified group. [6] Rate computed by relating births to mothers 45 years old and over to women 45 to 49 years old. [7] Rate computed by relating total births, regardless of age of father, to 1,000 men, 15–54 years old in specified group. [8] Rates by age of father computed using frequencies with age not stated distributed among all age groups. [9] Rate computed by relating births to fathers under 20 years of age to men 15–19 years old.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 83. Live Births—Number and Rate, by State: 1970 to 1988

[Registered births. Excludes births to nonresidents of the U.S., except as noted. See Appendix III. For composition of regions, see fig. I, inside front cover]

Region, division, and state	Number (1,000)								Rate per 1,000 population [2]							
	By state of residence						By state of occurrence [1]		By state of residence						By state of occurrence [1]	
	1970	1980	1984	1985	1986	1987	1987	1988	1970	1980	1984	1985	1986	1987	1987	1988
U.S.	**3,731**	**3,612**	**3,669**	**3,761**	**3,757**	**3,809**	[3] **3,829**	[3] **3,913**	**18.4**	**15.9**	**15.5**	**15.8**	**15.6**	**15.7**	[3] **15.7**	[3] **15.9**
Region:																
Northeast	831	656	682	705	715	736	736	754	16.9	13.4	13.7	14.1	14.3	14.6	14.6	14.9
Midwest	1,038	956	901	909	890	891	882	903	18.4	16.2	15.3	15.3	15.0	15.0	14.8	15.1
South	1,208	1,232	1,267	1,300	1,297	1,308	1,314	1,349	19.2	16.4	15.7	15.9	15.6	15.6	15.7	15.9
West	654	768	819	847	855	875	873	889	18.8	17.8	17.5	17.7	17.5	17.6	17.6	17.5
New England	**200**	**162**	**172**	**179**	**181**	**187**	**188**	**195**	**16.9**	**13.1**	**13.7**	**14.2**	**14.2**	**14.6**	**14.6**	**15.0**
Maine	18	16	17	17	17	17	16	16	17.9	14.6	14.5	14.5	14.3	14.2	13.6	13.2
New Hampshire	13	14	14	15	16	17	16	17	17.9	14.9	14.6	15.5	15.5	16.1	15.5	15.8
Vermont	8	8	8	8	8	8	7	9	18.8	15.4	15.1	15.0	15.0	14.8	13.2	15.3
Massachusetts	95	73	78	82	82	84	87	92	16.6	12.7	13.5	14.1	14.1	14.4	14.8	15.6
Rhode Island	16	12	13	13	13	14	15	14	16.5	12.9	13.2	13.5	13.8	14.2	14.7	14.6
Connecticut	50	39	42	44	45	47	47	47	16.7	12.5	13.4	13.9	14.0	14.6	14.5	14.5
Middle Atlantic	**630**	**495**	**509**	**526**	**534**	**548**	**548**	**559**	**16.9**	**13.4**	**13.7**	**14.1**	**14.3**	**14.6**	**14.6**	**14.8**
New York	318	239	251	259	264	272	270	277	17.4	13.6	14.1	14.6	14.8	15.3	15.2	15.5
New Jersey	120	97	101	106	109	113	111	114	16.8	13.2	13.5	14.0	14.3	14.8	14.5	14.8
Pennsylvania	193	159	157	161	161	163	166	167	16.3	13.4	13.2	13.5	13.5	13.6	13.9	13.9
East North Central	**754**	**668**	**627**	**634**	**624**	**629**	**619**	**637**	**18.7**	**16.0**	**15.1**	**15.2**	**15.0**	**15.0**	**14.8**	**15.1**
Ohio	200	169	159	160	158	158	157	165	18.7	15.7	14.8	14.9	14.7	14.6	14.5	15.2
Indiana	99	88	80	81	79	79	78	81	19.1	16.1	14.6	14.7	14.4	14.2	14.0	14.7
Illinois	205	190	179	181	177	181	178	181	18.5	16.6	15.6	15.7	15.3	15.6	15.3	15.5
Michigan	172	146	136	138	138	141	136	140	19.4	15.7	15.0	15.2	15.1	15.3	14.8	15.2
Wisconsin	78	75	73	74	72	71	70	70	17.6	15.9	15.4	15.4	15.1	14.8	14.7	14.4
West North Central	**284**	**288**	**274**	**275**	**265**	**262**	**263**	**266**	**17.4**	**16.8**	**15.7**	**15.6**	**15.1**	**14.9**	**14.9**	**15.0**
Minnesota	68	68	67	67	66	65	64	67	18.0	16.6	16.0	16.1	15.6	15.3	15.1	15.5
Iowa	48	48	42	41	39	38	39	39	17.1	16.4	14.6	14.3	13.6	13.4	13.7	13.6
Missouri	81	79	75	77	75	75	76	76	17.3	16.1	14.9	15.3	14.9	14.7	14.9	14.8
North Dakota	11	12	12	12	11	10	12	11	17.6	18.4	17.2	17.1	15.9	15.3	17.2	17.1
South Dakota	12	13	12	12	12	11	12	11	17.0	19.2	17.7	17.1	16.4	16.2	16.2	15.8
Nebraska	26	27	26	26	24	24	24	24	17.3	17.4	16.3	15.9	15.3	14.9	14.8	15.2
Kansas	38	41	40	40	39	39	37	38	17.0	17.2	16.4	16.2	16.0	15.6	15.0	15.2
South Atlantic	**574**	**547**	**576**	**599**	**608**	**629**	**629**	**655**	**18.7**	**14.8**	**14.6**	**14.9**	**14.8**	**15.1**	**15.1**	**15.4**
Delaware	11	9	9	10	10	10	10	11	19.2	15.8	15.1	15.5	15.3	15.4	15.6	16.5
Maryland	69	60	65	68	70	73	65	68	17.6	14.2	15.0	15.5	15.6	16.0	14.3	14.8
District of Columbia	15	9	10	10	10	10	20	19	20.1	14.7	15.5	15.8	16.1	16.4	32.8	31.3
Virginia	86	78	83	86	87	90	87	90	18.6	14.7	14.7	15.1	15.0	15.3	14.7	15.0
West Virginia	31	29	25	24	23	22	24	23	17.8	15.1	12.6	12.5	12.1	11.8	12.4	12.0
North Carolina	98	84	86	89	90	94	93	98	19.3	14.4	14.0	14.3	14.3	14.6	14.6	15.1
South Carolina	52	52	51	52	52	53	51	53	20.1	16.6	15.3	15.6	15.3	15.4	14.8	15.4
Georgia	97	92	92	96	98	103	105	107	21.1	16.9	15.8	16.1	16.1	16.5	16.9	16.9
Florida	115	132	155	164	168	175	175	185	16.9	13.5	14.1	14.4	14.3	14.6	14.5	15.0
East South Central	**248**	**240**	**221**	**223**	**219**	**220**	**222**	**231**	**19.4**	**16.4**	**14.7**	**14.7**	**14.4**	**14.4**	**14.5**	**15.1**
Kentucky	60	60	53	53	52	51	51	51	18.7	16.3	14.3	14.2	13.9	13.8	13.7	13.7
Tennessee	72	69	65	67	66	68	71	79	18.4	15.1	13.8	14.0	13.8	14.0	14.7	16.2
Alabama	67	64	59	60	59	60	59	60	19.4	16.3	14.8	14.9	14.7	14.6	14.5	14.5
Mississippi	49	48	44	43	42	41	41	41	22.1	19.0	16.9	16.6	16.0	15.7	15.4	15.7
West South Central	**386**	**445**	**470**	**478**	**470**	**458**	**462**	**463**	**20.0**	**18.7**	**17.9**	**18.0**	**17.5**	**17.0**	**17.2**	**17.2**
Arkansas	35	37	35	35	34	35	33	35	18.5	16.3	14.9	14.9	14.5	14.5	14.0	14.4
Louisiana	74	82	81	81	78	74	75	75	20.4	19.5	18.3	18.2	17.3	16.6	16.9	17.1
Oklahoma	45	52	54	53	51	48	46	47	17.5	17.2	16.5	16.1	15.3	14.6	13.9	14.5
Texas	231	274	299	308	307	302	308	307	20.6	19.2	18.6	18.8	18.4	18.0	18.4	18.2
Mountain	**172**	**226**	**232**	**235**	**234**	**232**	**235**	**236**	**20.7**	**19.9**	**18.4**	**18.4**	**18.0**	**17.6**	**17.9**	**17.7**
Montana	13	14	14	13	13	12	12	11	18.2	18.1	17.2	16.4	15.6	15.1	14.8	14.1
Idaho	14	20	18	18	16	16	16	16	20.3	21.4	18.0	17.5	16.4	16.0	16.0	15.5
Wyoming	7	11	10	9	9	8	7	7	19.6	22.5	19.0	18.4	17.0	15.4	14.5	14.0
Colorado	42	50	54	55	55	54	54	53	18.8	17.2	17.0	17.0	16.9	16.3	16.5	16.1
New Mexico	22	26	27	28	27	27	30	27	21.8	20.0	19.2	19.1	18.5	18.2	20.1	18.2
Arizona	38	50	55	59	61	63	63	66	21.3	18.4	17.9	18.6	18.6	18.7	18.7	18.8
Utah	27	42	38	37	36	35	36	37	25.5	28.6	23.6	22.8	21.9	21.0	21.4	22.0
Nevada	10	13	15	15	16	17	16	19	19.6	16.6	16.1	16.4	16.4	16.6	16.2	17.6
Pacific	**483**	**542**	**587**	**612**	**621**	**643**	**638**	**654**	**18.2**	**17.0**	**17.1**	**17.5**	**17.4**	**17.6**	**17.5**	**17.5**
Washington	61	68	69	70	69	70	74	68	17.8	16.4	15.8	15.9	15.6	15.5	16.3	14.7
Oregon	35	43	40	39	39	39	40	41	16.8	16.4	14.8	14.7	14.4	14.2	14.6	14.9
California	363	403	448	471	482	503	494	514	18.2	17.0	17.4	17.9	17.9	18.2	17.9	18.2
Alaska	8	10	12	13	12	12	11	11	25.1	23.7	24.7	24.6	22.9	22.2	21.8	21.1
Hawaii	16	18	19	18	18	19	19	19	21.4	18.8	18.0	17.4	17.2	17.2	17.2	17.4

[1] Includes births to nonresidents. Provisional. [2] Based on population (excluding Armed Forces abroad) enumerated as of Apr. 1 for 1970 and 1980, and estimated as of July 1 for other years. [3] U.S. totals are based on monthly receipts corrected for observed differences between provisional and final monthly figures. State figures have not been corrected in this manner.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *Monthly Vital Statistics Report*.

No. 84. Total Fertility Rate and Intrinsic Rate of Natural Increase: 1960 to 1987

[Based on registered births only. Beginning 1970, excludes births to nonresidents of United States. The *total fertility rate* is the number of births that 1,000 women would have in their lifetime if, at each year of age, they experienced the birth rates occurring in the specified year. A total fertility rate of 2,110 represents "replacement level" fertility for the total population under current mortality conditions (assuming no net immigration). The *intrinsic rate of natural increase* is the rate that would eventually prevail if a population were to experience, at each year of age, the birth rates and death rates occurring in the specified year and if those rates remained unchanged over a long period of time. Minus sign (–) indicates decrease. See also Appendix III, and *Historical Statistics, Colonial Times to 1970*, series B 11]

Annual average and year	Total fertility rate			Intrinsic rate of natural increase			Year	Total fertility rate			Intrinsic rate of natural increase		
	Total	White	Black and other	Total	White	Black and other		Total	White	Black and other	Total	White	Black and other
1960–1964	3,449	3,326	4,326	18.6	17.1	27.7	1976	1,738	1,652	2,223	–7.4	–9.3	2.1
1965–1969	2,622	2,512	3,362	8.2	6.4	18.6	1977	1,790	1,703	2,279	–6.2	–8.1	3.2
1970–1974	2,094	1,997	2,680	–.7	–2.5	9.1	1978	1,760	1,668	2,265	–6.8	–8.8	2.9
1975–1979	1,774	1,685	2,270	–6.6	–8.5	3.0	1979	1,808	1,716	2,310	–5.7	–7.7	3.8
1980–1984	1,819	1,731	2,262	–5.4	–7.3	3.0	1980	1,840	1,749	2,323	–5.1	–7.0	4.0
1985–1986	1,839	1,748	2,272	–4.9	–6.7	3.2	1981	1,815	1,726	2,275	–5.5	–7.4	3.3
1970	2,480	2,385	3,067	6.0	4.5	14.4	1982	1,829	1,742	2,265	–5.2	–7.0	3.0
1971	2,267	2,161	2,920	2.6	.8	12.6	1983	1,803	1,718	2,225	–5.7	–7.5	2.5
1972	2,010	1,907	2,628	–2.0	–3.9	8.6	1984	1,806	1,719	2,224	–5.6	–7.4	2.4
1973	1,879	1,783	2,443	–4.5	–6.5	5.7	1985	1,843	1,754	2,263	–4.8	–6.6	3.1
1974	1,835	1,749	2,339	–5.4	–7.2	4.0	1986	1,836	1,742	2,282	–4.9	–6.8	3.3
1975	1,774	1,686	2,276	–6.7	–8.6	3.0	1987	1,871	1,767	2,349	(NA)	(NA)	(NA)

NA Not available.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 85. Projected Fertility Rates, by Race and Age Group: 1990 to 2010

[For definition of total fertility rate, see headnote, table 84. Birth rates represent live births per 1,000 women in age group indicated. Projections are based on middle fertility assumptions (1.8 births per woman). For explanations of methodology, see text, section 1]

Age group	All races			White			Black			Other races		
	1990	2000	2010	1990	2000	2010	1990	2000	2010	1990	2000	2010
Total fertility rate	**1,850**	**1,846**	**1,849**	**1,781**	**1,780**	**1,791**	**2,170**	**2,095**	**2,040**	**2,175**	**2,110**	**2,059**
Birth rates:												
10–14 years old	.8	.9	.8	.4	.5	.5	3.0	2.8	2.3	.4	.5	.5
15–19 years old	49.3	46.6	45.2	41.5	40.3	40.0	90.8	80.2	71.6	39.9	39.0	38.9
20–24 years old	105.5	104.1	102.2	102.2	100.4	99.2	132.0	124.6	118.4	98.6	97.5	96.9
25–29 years old	110.9	113.0	115.0	111.4	113.3	115.2	104.6	107.5	110.5	124.9	124.7	124.5
30–34 years old	72.3	73.9	75.4	71.6	72.9	74.3	67.3	69.4	71.4	108.8	104.5	100.1
35–39 years old	26.0	26.2	26.7	24.4	24.7	25.1	29.5	29.0	28.6	48.9	45.3	41.9
40–44 years old	5.0	4.3	4.2	4.5	3.8	3.8	6.8	5.4	5.1	12.6	9.6	8.4
45–49 years old	.2	.2	.2	.1	.1	.1	.2	.2	.2	1.0	.9	.7

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 1018.

No. 86. Birth Rates, by Live-Birth Order and Race: 1970 to 1987

[**Births per 1,000 women 15–44 years old in specified racial group.** Live-birth order refers to number of children born alive. Figures for births of order not stated are distributed. See also headnote, table 82, and *Historical Statistics, Colonial Times to 1970*, series B 20–27]

Live-birth order	All races [1]					White					Black				
	1970	1980	1985	1986	1987	1970	1980	1985	1986	1987	1970	1980	1985	1986	1987
Total	**87.9**	**68.4**	**66.2**	**65.4**	**65.7**	**84.1**	**64.7**	**63.0**	**61.9**	**62.0**	**115.4**	**88.1**	**82.2**	**82.4**	**83.8**
First birth	34.2	29.5	27.6	27.2	27.2	32.9	28.4	26.5	26.0	25.9	43.3	35.2	32.4	32.5	32.8
Second birth	24.2	21.8	22.0	21.6	21.6	23.7	21.0	21.4	20.9	20.9	27.1	25.7	24.5	24.5	24.9
Third birth	13.6	10.3	10.4	10.3	10.5	13.3	9.5	9.7	9.6	9.8	16.1	14.5	13.9	14.1	14.5
Fourth birth	7.2	3.9	3.8	3.8	3.9	6.8	3.4	3.3	3.3	3.4	10.0	6.7	6.3	6.3	6.5
Fifth birth	3.8	1.5	1.4	1.4	1.4	3.4	1.3	1.1	1.1	1.1	6.4	3.0	2.7	2.7	2.8
Sixth and seventh	3.2	1.0	.8	.8	.8	2.7	.8	.7	.6	.6	7.0	2.1	1.8	1.7	1.7
Eighth and over	1.8	.4	.3	.3	.3	1.2	.3	.2	.2	.2	5.6	.9	.6	.5	.5

[1] Includes other races not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 87. Live Births, by Race and Type of Hispanic Origin—Selected Characteristics: 1985 and 1987

[Represents registered births. Excludes births to nonresidents of the U.S. Data are available on race of mother from all States, but data on Hispanic origin of mother are available from only 23 States and the District of Columbia. However, approximately 90 percent of all births to Hispanic mothers occur to residents of these 23 States. See Appendix III]

Race and Hispanic origin	Number of births (1,000)		Births to teenage mothers, percent of total		Births to unmarried mothers, percent of total		Percent of mothers beginning prenatal care during— First trimester		Percent of mothers beginning prenatal care during— Third trimester or no care		Percent of births with low birth weight [1]	
	1985	1987	1985	1987	1985	1987	1985	1987	1985	1987	1985	1987
Total	**3,761**	**3,809**	**12.7**	**12.4**	**22.0**	**24.5**	**76.2**	**74.4**	**5.7**	**6.0**	**6.8**	**6.9**
White	2,991	2,992	10.8	10.4	14.5	16.7	79.4	77.9	4.7	4.9	5.6	5.7
Black	608	642	23.0	22.6	60.1	62.2	61.8	59.3	10.0	10.7	12.4	12.7
American Indian, Eskimo, Aleut	43	44	19.1	18.9	40.7	(NA)	60.3	(NA)	11.5	(NA)	5.9	6.2
Asian and Pacific Islander [2]	116	129	5.5	5.5	10.1	(NA)	75.0	(NA)	6.1	(NA)	6.1	6.4
Filipino	21	24	5.8	6.0	12.1	(NA)	77.2	(NA)	4.6	(NA)	6.9	7.3
Chinese	18	19	1.1	1.1	3.7	(NA)	82.4	(NA)	4.2	(NA)	5.0	5.0
Japanese	10	10	2.9	2.7	7.9	(NA)	85.8	(NA)	2.6	(NA)	5.9	6.3
Hawaiian	7	7	15.9	15.4	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	6.4	6.6
Hispanic origin [3]	373	406	16.5	16.3	29.5	32.6	61.2	61.0	12.5	12.7	6.2	6.2
Mexican	243	251	17.5	17.3	25.7	28.9	59.9	60.0	12.9	13.0	5.8	5.7
Puerto Rican	35	38	20.9	20.5	51.1	53.0	58.3	57.4	15.5	17.1	8.7	9.3
Cuban	10	10	7.1	6.2	16.1	16.1	82.5	83.1	3.7	3.9	6.0	5.9
Central and South American	41	50	8.2	8.0	34.9	37.1	60.6	59.1	12.5	13.5	5.7	5.7

NA Not available. [1] Births less than 2,500 grams (5 lb.-8 oz.). [2] Includes races not shown separately. [3] Hispanic persons may be of any race. Includes other types, not shown separately.

No. 88. Live Births, by Place of Delivery; Median and Low-Birth Weight; and Prenatal Care: 1960 to 1987

[Represents registered births. Beginning 1970, excludes births to nonresidents of the U.S. For total number of births, see table 80. See Appendix III]

Year	Births attended (1,000)			Median birth weight			Percent of births with low birth weight [4]			Percent of births by period in which prenatal care began	
	In hospital [1]	Not in hospital: Physician	Not in hospital: Midwife and other [2]	Total [3]	White	Black	Total [3]	White	Black	1st trimester	3d trimester or no prenatal care
1960	4,114	49	94	7 lb.-5 oz	7 lb.-6 oz	6 lb.-15 oz.[5]	7.7	6.8	[5] 12.8	(NA)	(NA)
1965	3,661	33	66	7 lb.-4 oz	7 lb.-5 oz	6 lb.-14 oz.[5]	8.3	7.2	[5] 13.8	(NA)	(NA)
1970	3,708	5	18	7 lb.-4 oz	7 lb.-5 oz	6 lb.-14 oz	7.9	6.8	13.9	68.0	7.9
1975	3,105	11	28	7 lb.-5 oz	7 lb.-7 oz	6 lb.-15 oz	7.4	6.3	13.1	72.4	6.0
1980	3,576	12	24	7 lb.-7 oz	7 lb.-8 oz	7 lb.-0 oz	6.8	5.7	12.5	76.3	5.1
1981	3,592	11	27	7 lb.-7 oz	7 lb.-8 oz	7 lb.-0 oz	6.8	5.7	12.5	76.3	5.2
1982	3,642	10	28	7 lb.-7 oz	7 lb.-8 oz	7 lb.-0 oz	6.8	5.6	12.4	76.1	5.5
1983	3,600	10	29	7 lb.-7 oz	7 lb.-8 oz	7 lb.-0 oz	6.8	5.7	12.6	76.2	5.6
1984	3,631	10	28	7 lb.-7 oz	7 lb.-9 oz	7 lb.-0 oz	6.7	5.6	12.4	76.5	5.6
1985	3,722	10	29	7 lb.-7 oz	7 lb.-9 oz	7 lb.-0 oz	6.8	5.6	12.4	76.2	5.7
1986	3,720	9	27	7 lb.-7 oz	7 lb.-9 oz	7 lb.-0 oz	6.8	5.6	12.5	75.9	6.0
1987	3,774	8	27	7 lb.-7 oz	7 lb.-9 oz	7 lb.-0 oz	6.9	5.7	12.7	74.4	6.0

NA Not available. [1] Includes all births in hospitals or institutions and in clinics. [2] Includes births with attendant not specified. [3] Includes other races not shown separately. [4] Through 1975, births of 2,500 grams (5 lb.-8 oz.) or less at birth; thereafter, less than 2,500 grams. [5] Black and other races.

Source of tables 87 and 88: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 89. Cesarean Section Deliveries, by Age of Mother: 1970 to 1987

[Rates are number of cesareans per 100 deliveries. Based on data collected from the National Hospital Discharge Survey, a sample survey of hospital records of patients discharged in year shown; subject to sampling variability]

Age of mother	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986	1987
Number of cesarean deliveries (1,000)	**195**	**328**	**599**	**619**	**701**	**730**	**808**	**813**	**877**	**906**	**953**
Rate: **Mothers, all ages**	**5.5**	**10.4**	**16.4**	**16.5**	**17.9**	**18.5**	**20.3**	**21.1**	**22.7**	**24.1**	**24.4**
Under 20 years	3.9	8.4	13.7	14.5	13.2	13.4	15.0	16.5	16.1	18.3	18.5
20–24 years	4.9	9.0	15.6	15.8	16.0	17.6	19.0	19.6	21.2	21.9	22.9
25–29 years	5.9	11.1	16.4	16.7	19.4	19.9	20.5	20.8	22.9	25.3	23.7
30–34 years	7.5	13.6	19.5	18.0	21.3	20.4	24.6	24.6	26.6	26.2	28.3
35 years and over	8.3	15.0	21.1	20.6	24.4	23.6	25.4	28.7	30.7	32.6	31.6

Source: U.S. National Center for Health Statistics, unpublished data.

No. 90. Births to Unmarried Women, by Race of Child and Age of Mother: 1970 to 1987

[Excludes births to nonresidents of U.S. Data for 1970 include estimates for States in which marital status data were not reported. Beginning in 1980, marital status is inferred from a comparison of the child's and parents' surnames on the birth certificate for those States that do not report on marital status. No estimates included for misstatements on birth records or failures to register births. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series B 28-35]

Race of child and age of mother	1970	1980	1985	1986	1987
Number (1,000)					
Total live births [1]	**398.7**	**665.7**	**828.2**	**878.5**	**933.0**
White	175.1	320.1	433.0	466.8	498.6
Black	215.1	325.7	365.5	380.3	399.1
Under 15 years	9.5	9.0	9.4	9.4	9.6
15–19 years	190.4	262.8	270.9	280.7	293.0
20–24 years	126.7	237.3	300.4	316.2	331.3
25–29 years	40.6	99.6	152.0	165.7	179.3
30–34 years	19.1	41.0	67.3	74.9	84.2
35 years and over	12.4	16.1	28.2	31.6	35.8
Percent distribution					
Total [1]	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
White	43.9	48.1	52.3	53.1	53.4
Black	54.0	48.9	44.1	43.3	42.8
Under 15 years	2.4	1.4	1.1	1.1	1.0
15–19 years	47.8	39.5	32.7	32.0	31.4
20–24 years	31.8	35.6	36.3	36.0	35.5
25–29 years	10.2	15.0	18.4	18.9	19.2
30–34 years	4.8	6.2	8.1	8.5	9.0
35 years and over	3.1	2.4	3.4	3.6	3.8
Births to unmarried women as percent of all births in racial groups					
Total [1]	**10.7**	**18.4**	**22.0**	**23.4**	**24.5**
White	5.7	11.0	14.5	15.7	16.7
Black	37.6	55.2	60.1	61.2	62.2
Birth rate [2]					
Total [1] [3]	**26.4**	**29.4**	**32.8**	**34.3**	**36.1**
White [3]	13.9	17.6	21.8	23.2	24.6
Black [3]	95.5	82.9	78.8	80.9	84.7
15–19 years	22.4	27.6	31.6	32.6	34.1
20–24 years	38.4	40.9	46.8	49.7	53.1
25–29 years	37.0	34.0	39.8	42.0	44.3
30–34 years	27.1	21.1	25.0	26.9	29.3

[1] Includes other races not shown separately. [2] Rate per 1,000 unmarried women (never-married, widowed, and divorced) estimated as of July 1. [3] Covers women aged 15–44 years.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *Monthly Vital Statistics Report;* and unpublished data.

No. 91. Low Birth Weight and Births to Teenage Mothers and to Unmarried Women—States: 1980 to 1987

[Represents registered births. Excludes births to nonresidents of the U.S. Based on 100 percent of births in 46 States and on a 50-percent sample of births in 4 States and the District of Columbia. See Appendix III]

Division and state	Percent of births with low birth weight [1]		Births to teenage mothers, percent of total		Births to unmarried women, percent of total	
	1980	1987	1980	1986	1980	1987
U.S	**6.8**	**6.9**	**15.6**	**12.6**	**18.4**	**24.5**
N. Eng	**6.2**	**5.8**	**11.6**	**8.9**	**15.5**	**20.8**
ME	6.5	5.4	15.3	11.6	13.9	19.8
NH	5.4	4.9	10.7	7.7	11.0	14.7
VT	5.9	5.3	13.0	9.2	13.7	18.0
MA	6.1	5.7	10.7	8.3	15.7	20.9
RI	6.3	6.0	12.3	10.3	15.7	21.8
CT	6.7	6.7	11.4	8.8	[2] 17.9	[2] 23.5
Mid. Atl	**7.1**	**7.2**	**12.6**	**10.1**	**21.3**	**27.1**
NY	7.4	7.6	11.8	9.7	[2] 23.8	[2] 29.7
NJ	7.2	7.0	12.3	9.4	21.1	23.5
PA	6.5	6.9	13.9	11.3	17.7	25.3
E. No. Cent	**6.7**	**6.8**	**15.2**	**12.5**	**18.0**	**24.0**
OH	6.8	6.6	15.7	13.3	[2] 17.8	[2] 24.9
IN	6.3	6.5	17.3	14.0	15.5	22.0
IL	7.2	7.4	15.7	12.5	22.5	28.1
MI	6.9	7.2	14.0	12.3	[2] 16.2	[2] 20.4
WI	5.4	5.4	12.3	9.9	13.9	20.7
W. No. Cent	**5.7**	**5.8**	**13.5**	**10.2**	**13.1**	**18.8**
MN	5.1	5.0	10.4	7.3	11.4	17.1
IA	5.0	5.1	12.5	9.2	10.3	16.2
MO	6.6	7.0	16.9	13.4	17.6	23.7
ND	4.9	4.9	10.9	8.0	9.2	13.9
SD	5.1	5.2	13.5	9.7	13.4	19.4
NE	5.6	5.5	12.1	8.9	11.6	16.8
KS	5.8	6.4	15.0	11.5	12.3	17.2
So. Atl	**8.0**	**7.8**	**18.3**	**14.5**	**22.2**	**27.4**
DE	7.7	6.7	16.7	13.2	24.2	27.7
MD	8.2	7.8	14.8	11.7	[2] 25.2	[2] 31.5
DC	12.8	13.5	20.7	17.0	56.5	59.7
So. Atl.—Con.						
VA	7.5	6.9	15.5	12.0	19.2	22.8
WV	6.7	7.1	20.1	17.1	13.1	21.1
NC	7.9	7.9	19.2	15.9	19.0	24.9
SC	8.6	8.6	19.8	16.6	23.0	29.0
GA	8.6	8.2	20.7	17.0	23.2	28.0
FL	7.6	7.7	18.2	13.8	23.0	27.5
E. So. Cent	**7.8**	**8.0**	**21.0**	**17.9**	**20.9**	**26.8**
KY	6.8	6.8	21.1	17.4	15.1	20.7
TN	8.0	8.1	19.9	17.0	19.9	26.3
AL	7.9	8.0	20.6	17.4	22.2	26.8
MS	8.7	9.0	23.2	20.5	28.0	35.1
W. So. Cent	**7.3**	**7.3**	**19.1**	**15.8**	**15.8**	**21.7**
AR	7.6	7.7	21.6	19.0	20.5	24.6
LA	8.6	8.7	20.1	16.8	23.4	31.9
OK	6.8	6.7	19.6	15.6	14.0	20.7
TX	6.9	6.9	18.3	15.2	[2] 13.3	[2] 19.0
Mt	**6.6**	**6.7**	**14.3**	**11.8**	**12.7**	**20.6**
MT	5.6	5.5	12.4	10.1	[2] 12.5	[2] 19.4
ID	5.3	5.6	13.1	10.8	7.9	13.0
WY	7.3	7.7	15.5	10.7	8.2	15.8
CO	8.2	7.9	13.3	10.2	13.0	18.9
NM	7.6	7.1	18.2	15.3	16.1	29.6
AZ	6.2	6.4	16.5	13.8	18.7	27.2
UT	5.2	5.7	11.0	9.3	6.2	11.1
NV	6.6	6.9	15.4	11.9	[2] 13.5	[2] 16.4
Pac	**5.8**	**5.9**	**13.6**	**10.8**	**19.6**	**25.9**
WA	5.1	5.3	12.5	10.4	13.6	20.8
OR	4.9	5.4	13.3	10.9	14.8	22.4
CA	5.9	6.0	13.9	10.9	[2] 21.4	[2] 27.2
AK	5.4	4.8	11.8	8.7	15.1	22.0
HI	7.1	7.0	11.5	9.6	17.6	21.3

[1] Less than 2,500 grams (5 pounds-8 ounces). [2] Marital status of mother is inferred.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *Monthly Vital Statistics Report.*

No. 92. Women Who Have Had a Child in the Last Year, by Age: 1980 to 1988

[As of June. See headnote, table 93]

Age of mother	Women who had a child in last year (1,000)				Total births per 1,000 women				First births per 1,000 women				First births as percent of total	
	1980	1985	1987	1988	1980	1985	1987	1988	1980	1985	1987	1988	1980	1988
Total	**3,247**	**3,497**	**3,701**	**3,667**	**71.1**	**68.6**	**71.0**	**69.7**	**28.5**	**27.1**	**27.4**	**24.4**	**40.1**	**35.0**
18–29 years old	2,476	2,512	2,521	2,384	103.7	101.4	103.9	99.3	48.6	47.1	48.0	42.0	46.9	42.3
18–24 years old	1,396	1,339	1,277	1,146	96.6	95.4	95.6	87.1	(NA)	53.5	50.9	47.7	(NA)	54.8
25–29 years old	1,081	1,173	1,244	1,238	114.8	109.2	114.0	114.2	(NA)	38.7	44.6	35.2	(NA)	30.9
30–44 years old	770	984	1,180	1,283	35.4	37.6	42.3	44.9	6.3	8.0	9.4	9.6	17.8	21.3
30–34 years old	519	704	786	884	60.0	69.9	74.1	81.6	(NA)	15.8	18.2	20.3	(NA)	24.9
35–39 years old	192	229	341	324	26.9	25.9	36.2	33.8	(NA)	5.2	6.5	5.1	(NA)	15.1
40–44 years old	59	51	53	75	9.9	7.1	6.8	9.2	(NA)	.8	1.0	.5	(NA)	5.3

NA Not available.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 436 and earlier reports.

No. 93. Social and Economic Characteristics of Women, 18–44 Years Old, Who Have Had a Child in the Last Year: 1988

[As of June. Covers civilian noninstitutional population. Since the number of women who had a birth during the 12-month period was tabulated and not the actual numbers of births, some small underestimation of fertility for this period may exist due to the omission of: (1) Multiple births, (2) Two or more live births spaced within the 12-month period (the woman is counted only once), (3) Women who had births in the period and who did not survive to the survey date, (4) Women who were in institutions and therefore not in the survey universe. These losses may be somewhat offset by the inclusion in the CPS of births to immigrants who did not have their children born in the United States and births to nonresident women. These births would not have been recorded in the vital registration system. Based on Current Population Survey (CPS); see text, section 1 and Appendix III]

Characteristic	Total, 18 to 44 years old			18 to 29 years old			30 to 44 years old		
	Number of women (1,000)	Women who have had a child in the last year: Total births per 1,000 women	Women who have had a child in the last year: First births per 1,000 women	Number of women (1,000)	Women who have had a child in the last year: Total births per 1,000 women	Women who have had a child in the last year: First births per 1,000 women	Number of women (1,000)	Women who have had a child in the last year: Total births per 1,000 women	Women who have had a child in the last year: First births per 1,000 women
Total [1]	**52,586**	**69.7**	**24.4**	**24,006**	**99.3**	**42.0**	**28,580**	**44.9**	**9.6**
White	43,870	66.0	23.4	19,800	93.9	41.1	24,069	43.0	8.9
Black	6,835	87.0	28.4	3,379	130.6	50.5	3,456	44.3	6.8
Hispanic [2]	4,326	94.0	32.9	2,204	121.9	53.7	2,122	64.9	11.2
Married, spouse present	29,275	92.2	30.7	9,488	171.0	70.8	19,787	54.5	11.5
Married, spouse absent [3]	2,214	73.9	19.5	875	137.8	38.4	1,339	32.2	7.1
Widowed or divorced	5,357	36.8	5.1	1,233	88.0	12.4	4,125	21.5	3.0
Single	15,739	38.5	19.9	12,410	42.9	23.3	3,329	22.1	7.2
Years of school completed:									
Not a high school graduate	7,552	86.9	24.2	3,924	128.8	42.6	3,628	41.6	4.3
High school, 4 years	21,977	72.0	25.0	10,308	110.1	46.3	11,669	38.4	6.2
College: 1–3 years	12,798	60.8	22.9	6,334	77.4	35.2	6,465	44.6	10.9
4 or more years	10,259	63.3	25.0	3,440	73.6	41.3	6,818	58.1	16.8
4 years	6,781	64.1	25.3	2,685	76.6	43.3	4,095	55.9	13.5
5 or more years	3,478	61.7	24.5	755	62.9	34.2	2,723	61.4	21.8
Labor force status: In labor force	38,537	48.4	19.2	17,739	66.4	31.2	20,797	33.1	9.0
Employed	36,143	46.0	17.9	16,250	62.5	29.0	19,893	32.4	8.8
Unemployed	2,394	85.3	38.9	1,489	108.2	55.3	904	47.7	11.9
Not in labor force	14,049	128.2	38.6	6,267	192.6	72.8	7,782	76.4	11.1
Occupation of employed women:									
Managerial-professional	9,381	43.1	18.1	3,131	53.1	29.9	6,250	38.1	12.1
Technical, sales, and admin. support	16,273	48.4	19.4	8,087	66.2	31.3	8,186	30.9	7.6
Service workers	6,089	45.7	16.4	3,202	62.1	25.5	2,887	27.5	6.3
Precision prod., craft, and repair	844	25.2	13.9	316	35.9	17.2	528	18.7	11.9
Operators, fabricators, and laborers	3,161	49.3	14.8	1,305	75.5	28.0	1,856	30.9	5.5
Farming, forestry, and fishing	396	34.1	9.3	209	27.3	1.9	186	41.9	17.6
Family income: Under $10,000	7,521	106.4	30.5	4,233	148.9	51.2	3,288	51.6	3.7
$10,000–$14,999	5,011	75.7	24.8	2,729	104.0	41.3	2,283	41.8	5.0
$15,000–$19,999	4,260	73.1	23.3	2,148	111.1	39.3	2,111	34.4	7.1
$20,000–$29,999	9,700	67.6	29.7	4,563	101.5	52.0	5,137	37.4	10.0
$30,000–$34,999	4,616	61.3	21.6	1,989	90.4	33.5	2,627	39.3	12.5
$35,000 and over	18,806	59.7	21.1	7,204	72.2	36.5	11,602	52.1	11.6

[1] Includes women of other races and women with family income not reported, not shown separately. [2] Hispanic persons may be of any race. [3] Includes separated women.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 436.

No. 94. Women Who Have Had a Child in the Last Year, by Age and Labor Force Status: 1976 to 1988

[See headnote, table 93]

Year	Total, 18 to 44 years old				18 to 29 years old				30 to 44 years old			
	All women, percent in labor force	Women who have had a child in the last year			All women, percent in labor force	Women who have had a child in the last year			All women, percent in labor force	Women who have had a child in the last year		
		Number (1,000)	In the labor force			Number (1,000)	In the labor force			Number (1,000)	In the labor force	
			Number (1,000)	Percent			Number (1,000)	Percent			Number (1,000)	Percent
1976	59.7	2,797	865	30.9	(NA)	2,220	706	31.8	(NA)	577	159	27.6
1980	66.1	3,247	1,233	38.0	68.3	2,476	947	38.2	63.7	770	287	37.3
1982	68.3	3,433	1,508	43.9	69.7	2,445	1,040	42.5	66.7	988	469	47.5
1983	69.1	3,625	1,563	43.1	70.6	2,682	1,138	42.4	67.6	942	425	45.1
1984	70.2	3,311	1,547	46.7	71.5	2,375	1,058	44.5	68.9	936	489	52.2
1985	70.8	3,497	1,691	48.4	71.3	2,512	1,204	47.9	70.3	984	488	49.6
1986	72.2	3,625	1,805	49.8	72.8	2,452	1,185	48.3	71.6	1,174	620	52.8
1987	72.7	3,701	1,881	50.8	73.0	2,521	1,258	49.9	72.5	1,180	623	52.8
1988	73.3	3,667	1,866	50.9	73.9	2,384	1,177	49.4	72.8	1,283	688	53.6

NA Not available.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 436 and earlier reports.

No. 95. Childless Women and Children Ever Born, by Age of Woman: 1980 to 1988

[As of **June**. Based on Current Population Survey; see text, section 1 and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series B 49-66]

Age	Percent childless among women ever married						Children ever born per 1,000 women ever married					
	1980	1985	1988				1980	1985	1988			
			Total [1]	White	Black	Hispanic [2]			Total [1]	White	Black	Hispanic [2]
Total	[3] **18.8**	**20.3**	**19.6**	**20.3**	**13.6**	**17.2**	[3] **1,965**	**1,785**	**1,769**	**1,727**	**2,099**	**2,086**
18-19 years old	[4] 46.6	50.9	55.7	56.3	48.2	41.7	[4] 628	587	559	548	613	829
20-24 years old	40.4	40.9	41.7	43.1	29.7	29.5	930	916	935	890	1,342	1,137
25-29 years old	25.3	26.7	29.1	30.0	17.5	25.1	1,397	1,351	1,340	1,299	1,748	1,628
30-34 years old	13.7	18.3	16.6	17.5	11.2	13.3	1,970	1,775	1,773	1,738	1,980	2,027
35-39 years old	8.0	11.6	11.9	12.4	7.6	11.7	2,572	2,130	2,092	2,045	2,527	2,638
40-44 years old	6.6	8.0	10.2	10.0	12.5	5.5	3,105	2,548	2,280	2,257	2,436	3,047

[1] Includes other races not shown separately. [2] Hispanic persons may be of any race. [3] Women, 15-44 years old. [4] Women, 15-19 years old.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 436 and earlier reports.

No. 96. Children Ever Born to Single Women, by Age and Race of Woman: 1980 and 1988

[As of **June**. Covers civilian noninstitutional population. Refers to women never-married at time of survey. Based on Current Population Survey; see text, section 1 and Appendix III]

Item	All single women [1]			White single women			Black single women		
	Total, 18-44 years	18-29 years	30-44 years	Total, 18-44 years	18-29 years	30-44 years	Total, 18-44 years	18-29 years	30-44 years
1980									
Single women (1,000)	[2] 12,500	10,693	[3] 1,807	[2] 9,862	8,557	[3] 1,305	[2] 2,327	1,888	[3] 439
Percent by number of children born:									
None	85.7	87.3	76.4	93.5	93.9	90.5	52.2	56.7	32.6
One	8.6	8.5	9.0	4.9	4.7	5.9	24.5	26.0	18.5
Two or more	5.7	4.2	14.6	1.6	1.3	3.6	23.3	17.3	49.0
Children ever born (1,000)	[2] 3,142	2,022	[3] 1,120	[2] 898	666	[3] 232	[2] 2,199	1,325	[3] 874
Rate per 1,000 women	251	189	620	91	78	178	945	702	1,991
1988									
Single women (1,000)	15,739	12,410	3,328	11,960	9,605	2,355	3,225	2,343	881
Percent by number of children born:									
None	81.0	84.1	69.5	89.4	90.8	83.5	48.9	55.6	31.2
One	10.5	9.3	15.0	6.5	6.0	8.5	26.1	23.6	32.7
Two or more	8.4	6.5	15.4	4.2	3.2	8.0	25.0	20.8	36.2
Children ever born (1,000)	5,270	3,264	2,004	2,047	1,339	709	3,121	1,857	1,264
Rate per 1,000 women	335	263	602	171	139	301	968	793	1,435

[1] Includes other races not shown separately. [2] Covers single women, 18-49 years old. [3] Covers single women, 30-49 years old.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, Nos. 375 and 436.

No. 97. Lifetime Births Expected Per 1,000 Wives: 1971 to 1988

[As of June. See headnote, table 98]

Year	Lifetime births to all wives [1] aged—			Lifetime births to white wives aged—			Lifetime births to black wives aged—		
	18–24	25–29	30–34	18–24	25–29	30–34	18–24	25–29	30–34
1971	2,375	2,619	2,989	2,353	2,577	2,936	2,623	3,112	3,714
1975	2,173	2,260	2,610	2,147	2,233	2,584	2,489	2,587	3,212
1980	2,134	2,166	2,248	2,130	2,146	2,223	2,155	2,426	2,522
1985	2,183	2,236	2,167	2,177	2,227	2,139	2,242	2,259	2,521
1988	2,218	2,260	2,175	2,215	2,260	2,156	2,252	2,306	2,289

[1] Includes other races not shown separately.

No. 98. Lifetime Births Expected by Wives, 18–34 Years Old—Percent Distribution: 1975 to 1988

[As of June. Covers currently married women in the civilian noninstitutional population. Data limited to wives reporting on birth expectations. Based on Current Population Survey; see text, section 1 and Appendix III]

Year and number of births expected	Total [1]	Age			Race		Hispanic [2]	Years of school completed		
		18–24 years	25–29 years	30–34 years	White	Black		Not high school graduate	High school, 4 years	College, 1 year or more
1975: None	4.8	4.1	4.9	5.2	4.9	3.0	3.2	2.7	4.2	7.0
One	10.9	11.2	11.7	9.8	10.8	10.7	10.6	11.0	11.4	10.1
Two	49.0	58.2	50.4	38.3	49.8	40.0	40.4	37.6	49.8	55.5
Three	23.2	19.4	23.3	26.8	23.3	22.4	25.2	25.0	24.3	20.0
Four or more	12.1	7.0	9.8	19.8	11.1	24.0	20.5	23.6	10.3	7.3
1980: None	5.9	4.9	5.5	7.0	6.0	4.0	2.8	2.6	5.6	7.7
One	13.3	12.8	13.2	13.6	13.2	14.4	9.4	11.7	14.4	12.4
Two	51.1	56.0	52.8	45.7	51.5	45.3	44.3	39.7	52.6	54.4
Three	20.5	19.1	20.3	21.8	20.4	22.2	24.2	26.7	19.7	18.8
Four or more	9.3	7.2	8.3	11.9	8.8	14.2	19.4	19.4	7.7	6.8
1988: None	5.4	3.9	4.5	6.9	5.6	4.1	4.4	4.3	4.9	6.4
One	12.4	11.2	11.0	14.1	12.0	16.2	11.2	11.5	13.4	11.5
Two	50.1	55.8	51.1	46.8	50.6	45.1	45.2	39.2	51.5	51.8
Three	22.9	20.8	24.3	22.7	23.0	22.6	26.2	28.0	22.0	22.5
Four or more	9.1	8.3	9.0	9.6	8.8	12.0	12.9	17.1	8.2	7.8

[1] Includes other races, not shown separately. [2] Hispanic persons may be of any race.

Source of tables 97 and 98: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 436 and earlier reports.

No. 99. Contraceptive Use by Women, 15–44 Years Old, by Age, Race, Marital Status, and Method of Contraception: 1982

[Based on the 1982 National Survey of Family Growth; see Appendix III]

Contraceptive status and method	All women [1]	Age			Race		Marital status		
		15–24 years	25–34 years	35–44 years	White	Black	Never married	Currently married	Formerly married
All women (1,000)	**54,099**	**20,150**	**19,644**	**14,305**	**45,367**	**6,985**	**19,164**	**28,231**	**6,704**
PERCENT DISTRIBUTION									
Sterile	27.2	3.2	27.9	60.1	27.7	23.7	3.2	40.9	38.0
Surgically sterile	25.7	2.6	26.4	57.3	26.1	22.2	2.6	38.9	36.1
Contraceptively sterile [2]	17.8	2.2	19.6	37.4	18.3	14.9	1.8	27.8	21.6
Noncontraceptively sterile	7.8	.3	6.8	19.9	7.8	7.3	.8	11.0	14.5
Nonsurgically sterile [3]	1.5	.6	1.5	2.8	1.6	1.5	.7	2.0	1.9
Pregnant, postpartum	5.0	6.3	6.5	1.0	4.8	5.6	2.5	7.2	2.6
Seeking pregnancy	4.2	3.5	6.2	2.5	4.0	5.4	1.2	6.7	2.1
Other nonusers	26.9	48.6	14.2	13.8	26.2	29.6	59.7	5.0	25.6
Not sexually active [4]	19.5	39.4	7.8	7.8	19.9	16.1	49.6	.2	15.1
Sexually active [4]	7.4	9.2	6.5	6.0	6.4	13.5	10.1	4.8	10.4
Nonsurgical contraceptors	36.7	38.4	45.2	22.6	37.2	35.7	33.3	40.1	31.8
Pill	15.6	23.5	17.1	2.3	15.1	19.8	18.7	13.4	15.8
IUD	4.0	1.4	6.5	4.2	3.9	4.7	1.9	4.8	6.4
Diaphragm	4.5	3.7	6.8	2.4	5.0	1.8	4.7	4.5	3.7
Condom	6.7	5.5	7.6	7.0	7.2	3.2	4.1	9.8	.8
Foam	1.3	.8	1.5	1.8	1.4	1.4	.4	2.0	1.1
Rhythm [5]	2.2	1.2	2.8	2.6	2.2	1.6	.9	3.2	1.4
Other methods [6]	2.5	2.3	2.9	2.2	2.4	3.1	2.6	2.3	2.7

[1] Includes other races, not shown separately. [2] Includes sterility of the husband or a current partner. Persons who had sterilizing operation and who gave as one reason that they had already had all the children they wanted. [3] Persons sterile from illness, accident, or congenital conditions. [4] Those having intercourse in the last 3 months before the survey. [5] Periodic abstinence and natural family planning. [6] Withdrawal, douche, suppository and less frequently used methods.

Source: U.S. National Center for Health Statistics, *Advance Data from Vital and Health Statistics*, No. 102 and unpublished data.

No. 100. Legal Abortions—Estimated Number, Rate, and Ratio, by Race: 1972 to 1985

[Refers to women 15-44 years old at time of abortion]

Year	All races				White				Black and other			
	Women 15-44 years old (1,000)	Abortions			Women 15-44 years old (1,000)	Abortions			Women 15-44 years old (1,000)	Abortions		
		Number (1,000)	Rate per 1,000 women	Ratio per 1,000 live births [1]		Number (1,000)	Rate per 1,000 women	Ratio per 1,000 live births [1]		Number (1,000)	Rate per 1,000 women	Ratio per 1,000 live births [1]
1972	44,588	586.8	13.2	184	38,532	455.3	11.8	175	6,056	131.5	21.7	223
1975	47,606	1,034.2	21.7	331	40,857	701.2	17.2	276	6,749	333.0	49.3	565
1976	48,721	1,179.3	24.2	361	41,721	784.9	18.8	296	7,000	394.4	56.3	638
1977	49,814	1,316.7	26.4	400	42,567	888.8	20.9	333	7,247	427.9	59.0	679
1978	50,920	1,409.6	27.7	413	43,427	969.4	22.3	356	7,493	440.2	58.7	665
1979	52,016	1,497.7	28.8	420	44,266	1,062.4	24.0	373	7,750	435.3	56.2	625
1980	53,048	1,553.9	29.3	428	44,942	1,093.6	24.3	376	8,106	460.3	56.5	642
1981	53,901	1,577.3	29.3	430	45,494	1,107.8	24.3	377	8,407	469.6	55.9	645
1982	54,679	1,573.9	28.8	428	46,049	1,095.2	23.8	373	8,630	478.7	55.5	646
1983	55,340	1,575.0	28.5	436	46,506	1,084.4	23.3	376	8,834	490.6	55.5	670
1984	56,061	1,577.2	28.1	423	47,023	1,086.6	23.1	366	9,038	490.6	54.3	646
1985	56,754	1,588.6	28.0	422	47,512	1,075.6	22.6	360	9,242	512.9	55.5	659

[1] See headnote, table 102.

Source: 1972, U.S. Centers for Disease Control, Atlanta, GA, *Abortion Surveillance, Annual Summary, 1972*, 1974, and The Alan Guttmacher Institute; 1975-1983, S.K. Henshaw and J. Van Vort, eds., *Abortion Services in the United States, Each State and Metropolitan Area, 1984-1985*, The Alan Guttmacher Institute, New York, NY, 1988 (copyright); 1984 and 1985, The Alan Guttmacher Institute, unpublished data.

No. 101. Legal Abortions, by Selected Characteristics: 1973 to 1985

[Number of abortions from surveys conducted by source; characteristics from the U.S. Centers for Disease Control's (CDC) annual abortion surveillance summaries, with adjustments for changes in States reporting data to the CDC each year]

Characteristic	Number (1,000)							Percent distribution			Abortion ratio [1]		
	1973	1980	1981	1982	1983	1984	1985	1973	1980	1985	1973	1980	1985
Total legal abortions	**745**	**1,554**	**1,577**	**1,574**	**1,575**	**1,577**	**1,589**	**100.0**	**100.0**	**100.0**	**193**	**300**	**297**
Age of woman:													
Less than 15 years old	12	15	15	15	16	17	17	1.6	1.0	1.1	476	607	624
15-19 years old	232	445	433	419	411	399	399	31.2	28.6	25.1	280	451	462
20-24 years old	241	549	555	552	548	551	548	32.3	35.4	34.5	181	310	328
25-29 years old	130	304	316	326	328	332	336	17.4	19.6	21.2	128	213	219
30-34 years old	73	153	167	168	172	176	181	9.7	9.8	11.4	165	213	203
35-39 years old	41	67	70	73	78	82	87	5.5	4.3	5.4	246	317	280
40 years old and over	17	21	21	21	21	20	21	2.3	1.3	1.3	334	461	409
Race of woman:													
White	549	1,094	1,108	1,095	1,084	1,087	1,076	73.7	70.4	67.7	178	274	265
Black and other	196	460	470	479	491	491	513	26.3	29.6	32.3	252	392	397
Marital status of woman:													
Married	216	320	299	300	295	287	266	29.0	20.6	16.7	74	98	84
Unmarried	528	1,234	1,279	1,274	1,280	1,290	1,323	71.0	79.4	83.3	564	649	607
Number of prior live births:													
None	411	900	912	903	890	877	872	55.2	57.9	54.9	242	365	358
1	115	305	312	321	329	339	349	15.4	19.6	22.0	108	208	219
2	104	216	220	222	228	234	240	13.9	13.9	15.1	190	283	288
3	61	83	85	82	83	83	85	8.1	5.3	5.3	228	288	281
4 or more	55	51	49	46	45	44	43	7.4	3.3	2.7	196	251	230
Number of prior induced abortions:													
None	(NA)	1,043	1,023	994	964	948	944	(NA)	67.1	59.5	(NA)	(NA)	(NA)
1	(NA)	373	390	398	406	414	416	(NA)	24.0	26.2	(NA)	(NA)	(NA)
2 or more	(NA)	138	165	182	205	216	228	(NA)	8.9	14.3	(NA)	(NA)	(NA)
Weeks of gestation:													
Less than 9 weeks	284	800	810	806	792	813	818	38.2	51.5	51.5	(NA)	(NA)	(NA)
9-10 weeks	222	417	424	420	424	425	429	29.7	26.8	27.0	(NA)	(NA)	(NA)
11-12 weeks	131	202	204	205	210	201	199	17.5	13.0	12.6	(NA)	(NA)	(NA)
13 weeks or more	108	136	139	143	149	138	142	14.6	8.7	8.9	(NA)	(NA)	(NA)

NA Not available. [1] Number of abortions per 1,000 abortions and live births. Live births are those which occurred from July 1 of year shown through June 30 of the following year (to match time of conception with abortions).

Source: 1973-1983, S.K. Henshaw and J. Van Vort, eds., *Abortion Services in the United States, Each State and Metropolitan Area, 1984-1985*, The Alan Guttmacher Institute, New York, NY, 1988 (copyright); 1984 and 1985, The Alan Guttmacher Institute, unpublished data.

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No. 102. Legal Abortions—Number, Rate per 1,000 Women 15-44 Years Old, and Abortion/Live Birth Ratio, by State of Occurrence: 1980 and 1985

[Number of legal abortions are from surveys of hospitals, clinics, and physicians identified as providers of abortion services, conducted by the Alan Guttmacher Institute. Abortion rates are computed per 1,000 women 15-44 years of age on **July 1** of specified year; abortion ratios are computed as the number of abortions per 1,000 live births from **July 1** of year shown to **June 30** of following year, by State of occurrence]

Division and State	Number of abortions (1,000)		Rate per 1,000 women, 15-44 years old		Ratio: abortions per 1,000 live births	
	1980	1985	1980	1985	1980	1985
U.S.	**1,553.9**	**1,588.6**	**29.3**	**28.0**	**428**	**422**
N.E.	**83.9**	**85.4**	**28.9**	**28.6**	**530**	**504**
ME	4.8	5.0	18.6	18.6	289	308
NH	4.7	7.0	21.1	29.0	347	419
VT	3.8	3.4	30.4	26.2	466	448
MA	45.6	40.3	33.5	29.3	609	533
RI	6.6	7.8	30.7	35.5	529	572
CT	18.4	21.9	25.6	29.3	561	550
M.A.	**311.8**	**321.7**	**37.0**	**37.6**	**627**	**607**
NY	187.5	195.1	45.8	47.4	780	746
NJ	55.5	69.2	32.8	39.6	591	672
PA	68.9	57.4	26.1	21.3	423	348
E.N.C.	**242.9**	**220.6**	**24.9**	**22.1**	**369**	**356**
OH	67.1	57.4	26.8	22.4	397	357
IN	19.6	16.1	15.3	12.2	227	202
IL	69.1	65.0	25.9	23.8	374	372
MI	65.2	64.4	29.7	28.7	457	486
WI	21.8	17.8	20.1	15.7	292	246
W.N.C.	**75.2**	**68.2**	**19.2**	**16.7**	**260**	**252**
MN	19.0	16.9	20.7	16.6	288	257
IA	9.3	9.9	14.3	15.0	195	248
MO	21.6	20.1	19.4	17.3	273	261
ND	3.1	2.9	21.5	18.5	235	230
SD	1.4	1.7	9.0	10.6	103	140
NE	6.4	6.7	17.9	18.2	227	268
KS	13.6	10.2	25.6	18.2	343	264
S.A.	**254.5**	**257.1**	**29.4**	**27.1**	**462**	**429**
DE	3.7	4.6	25.9	30.9	395	451
MD	30.5	29.5	29.2	26.9	571	480
DC	28.5	23.9	168.3	145.9	1,569	1,186
S.A.-Con.						
VA	31.8	34.2	24.2	24.0	417	412
WV	3.0	4.6	6.9	10.1	104	185
NC	31.9	34.2	22.8	22.6	377	379
SC	13.7	11.2	18.2	13.7	274	228
GA	37.9	38.3	28.4	26.1	395	397
FL	73.6	76.7	35.5	31.8	547	465
E.S.C.	**65.3**	**57.4**	**19.2**	**15.8**	**271**	**258**
KY	12.8	9.8	15.1	11.0	215	189
TN	25.6	22.4	23.6	19.1	352	315
AL	20.8	19.4	23.1	20.2	331	333
MS	6.1	5.9	10.6	9.7	132	142
W.S.C.	**137.2**	**138.6**	**24.5**	**21.8**	**308**	**290**
AR	6.2	5.4	12.3	10.1	173	159
LA	17.7	19.2	17.6	17.4	218	240
OK	11.3	13.1	16.4	17.1	221	269
TX	102.0	100.8	30.0	25.5	367	320
Mt.	**68.2**	**74.6**	**25.0**	**23.6**	**302**	**316**
MT	3.7	3.7	20.1	19.0	265	288
ID	2.7	2.7	12.7	11.1	141	155
WY	1.1	1.1	9.5	7.9	107	125
CO	23.1	24.4	31.4	28.8	447	438
NM	8.4	6.1	27.0	17.4	358	219
AZ	15.8	22.3	25.0	29.9	310	373
UT	4.2	4.4	12.3	11.1	97	116
NV	9.2	9.9	46.6	40.5	697	641
Pac.	**314.9**	**365.0**	**41.0**	**42.8**	**561**	**594**
WA	37.0	31.0	37.5	28.0	522	458
OR	17.7	15.2	28.3	22.3	396	374
CA	250.4	304.1	43.7	47.9	598	640
AK	1.9	3.5	17.9	27.7	196	283
HI	8.0	11.2	34.4	43.7	441	611

Source: 1980, S.K. Henshaw and J. Van Vort, eds., *Abortion Services in the United States, Each State and Metropolitan Area, 1984-1985.* The Alan Guttmacher Institute, New York, NY, 1988 (copyright); 1985, The Alan Guttmacher Institute, unpublished data.

No. 103. Expectation of Life at Birth, 1960 to 1988, and Projections, 1990 to 2010

[**In years.** Beginning 1970, excludes deaths of nonresidents of the United States. See also *Historical Statistics, Colonial Times to 1970,* series B 107-115]

Year	Total			White			Black and other			Black		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1960	69.7	66.6	73.1	70.6	67.4	74.1	63.6	61.1	66.3	(NA)	(NA)	(NA)
1970	70.8	67.1	74.7	71.7	68.0	75.6	65.3	61.3	69.4	64.1	60.0	68.3
1975	72.6	68.8	76.6	73.4	69.5	77.3	68.0	63.7	72.4	66.8	62.4	71.3
1976	72.9	69.1	76.8	73.6	69.9	77.5	68.4	64.2	72.7	67.2	62.9	71.6
1977	73.3	69.5	77.2	74.0	70.2	77.9	68.9	64.7	73.2	67.7	63.4	72.0
1978	73.5	69.6	77.3	74.1	70.4	78.0	69.3	65.0	73.5	68.1	63.7	72.4
1979	73.9	70.0	77.8	74.6	70.8	78.4	69.8	65.4	74.1	68.5	64.0	72.9
1980	73.7	70.0	77.4	74.4	70.7	78.1	69.5	65.3	73.6	68.1	63.8	72.5
1981	74.2	70.4	77.8	74.8	71.1	78.4	70.3	66.1	74.4	68.9	64.5	73.2
1982	74.5	70.9	78.1	75.1	71.5	78.7	71.0	66.8	75.0	69.4	65.1	73.7
1983	74.6	71.0	78.1	75.2	71.7	78.7	71.1	67.2	74.9	69.6	65.4	73.6
1984	74.7	71.2	78.2	75.3	71.8	78.7	71.3	67.4	75.0	69.7	65.6	73.7
1985	74.7	71.2	78.2	75.3	71.9	78.7	71.2	67.2	75.0	69.5	65.3	73.5
1986	74.8	71.3	78.3	75.4	72.0	78.8	71.2	67.2	75.1	69.4	65.2	73.5
1987	75.0	71.5	78.4	75.6	72.2	78.9	71.3	67.3	75.2	69.4	65.2	73.6
1988, prel	74.9	71.4	78.3	75.5	72.1	78.9	71.5	67.4	75.5	69.5	65.1	73.8
Projections: [1] 1990	75.6	72.1	79.0	76.2	72.7	79.6	(NA)	(NA)	(NA)	71.4	67.7	75.0
1995	76.3	72.8	79.7	76.8	73.4	80.2	(NA)	(NA)	(NA)	72.4	68.8	76.0
2000	77.0	73.5	80.4	77.5	74.0	80.9	(NA)	(NA)	(NA)	73.5	69.9	77.1
2005	77.6	74.2	81.0	78.1	74.6	81.5	(NA)	(NA)	(NA)	74.6	71.0	78.1
2010	77.9	74.4	81.3	78.3	74.9	81.7	(NA)	(NA)	(NA)	75.0	71.4	78.5

NA Not available. [1] Based on middle mortality assumptions; for details, see source. Source: U.S. Bureau of the Census, *Current Population Reports,* series P-25, No. 1018.

Source: Except as noted, U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual; and unpublished data.

No. 104. Selected Life Table Values: 1959 to 1986

[Prior to 1960, excludes Alaska and Hawaii. Beginning 1970, excludes deaths of nonresidents of the United States. See also *Historical Statistics, Colonial Times to 1970*, series B 116–125]

Age and sex	Total [1]					White					Black		
	1959–1961	1969–1971	1979–1981	1985	1986	1959–1961	1969–1971	1979–1981	1985	1986	1979–1981	1985	1986
Average expectation of life in years													
At birth: Male	66.8	67.0	70.1	71.2	71.3	67.6	67.9	70.8	71.9	72.0	64.1	65.3	65.2
Female	73.2	74.6	77.6	78.2	78.3	74.2	75.5	78.2	78.7	78.8	72.9	73.5	73.5
Age 20: Male	49.8	49.5	51.9	52.7	52.8	50.3	50.2	52.5	53.3	53.4	46.5	47.4	47.3
Female	55.6	56.6	59.0	59.3	59.4	56.3	57.2	59.4	59.8	59.9	54.9	55.3	55.3
Age 40: Male	31.4	31.5	33.6	34.3	34.5	31.7	31.9	34.0	34.7	34.9	29.5	30.2	30.3
Female	36.6	37.6	39.8	40.1	40.2	37.1	38.1	40.2	40.4	40.5	36.3	36.6	36.6
Age 50: Male	23.0	23.1	25.0	25.6	25.8	23.2	23.3	25.3	25.8	26.1	22.0	22.5	22.7
Female	27.7	28.8	30.7	30.9	31.0	28.1	29.1	31.0	31.1	31.2	27.8	27.9	28.0
Age 65: Male	13.0	13.0	14.2	14.6	14.7	13.0	13.0	14.3	14.6	14.8	13.3	13.3	13.4
Female	15.8	16.8	18.4	18.6	18.6	15.9	16.9	18.6	18.7	18.7	17.1	17.0	17.0
Annual deaths expected per 1,000 alive at specified age [2]													
At birth: Male	29.1	22.5	13.9	12.0	11.6	25.9	20.1	12.3	10.6	10.0	23.0	19.9	20.0
Female	22.6	17.5	11.2	9.4	9.1	19.6	15.3	9.7	8.0	7.8	19.3	16.5	16.1
Age 20: Male	1.7	2.1	1.8	1.5	1.6	1.6	1.9	1.8	1.5	1.6	2.2	1.9	2.1
Female	.6	.7	.6	.5	.5	.6	.6	.6	.5	.5	.7	.6	.7
Age 40: Male	3.7	4.0	3.0	2.9	3.0	3.3	3.4	2.6	2.5	2.5	6.9	6.7	7.1
Female	2.3	2.3	1.6	1.4	1.5	1.9	1.9	1.4	1.3	1.3	3.2	2.9	3.1
Age 50: Male	10.1	9.7	7.8	6.8	6.7	9.6	8.9	7.1	6.2	6.0	14.9	13.1	13.0
Female	5.4	5.2	4.2	3.8	3.8	4.7	4.7	3.8	3.5	3.4	7.7	6.7	6.8
Age 65: Male	34.7	34.6	28.2	25.7	25.1	33.9	33.9	27.4	24.9	24.3	38.5	36.1	35.7
Female	18.5	16.8	14.3	14.0	14.0	17.4	15.6	13.6	13.5	13.4	21.6	20.9	21.2
Number surviving to specified age per 1,000 born live													
Age 20: Male	955	961	973	977	977	959	965	975	979	979	961	967	966
Female	968	973	982	985	985	971	976	984	986	986	972	976	976
Age 40: Male	916	915	933	941	938	924	926	940	946	944	885	898	891
Female	946	951	965	970	970	953	958	969	973	973	941	948	946
Age 50: Male	862	861	890	902	899	874	877	901	912	910	801	819	812
Female	913	919	941	948	948	925	929	947	953	954	896	908	905
Age 65: Male	642	643	706	729	731	658	663	724	745	748	551	581	581
Female	785	797	835	844	846	807	816	848	856	857	733	749	749

[1] Includes other races not shown separately. [2] See footnote 1, table 106.

Source: U.S. National Center for Health Statistics, *U.S. Life Tables and Actuarial Tables, 1959–61, 1969–71* and *1979–81*; and *Vital Statistics of the United States*, annual; and unpublished data.

No. 105. Average Lifetime in Years, by Sex—States: 1979–1981

State	Both sexes: Number	Both sexes: Rank	Male	Female	State	Both sexes: Number	Both sexes: Rank	Male	Female	State	Both sexes: Number	Both sexes: Rank	Male	Female
U.S.	**73.88**	(x)	**70.11**	**77.62**	KS	75.31	8	71.60	78.99	ND	75.71	5	72.09	79.68
					KY	73.06	41	69.14	77.12	OH	73.49	35	69.85	77.06
AL	72.53	45	68.28	76.79	LA	71.74	50	67.64	75.89	OK	73.67	[1] 31	69.63	77.81
AK	72.24	46	68.71	76.87	ME	74.59	19	70.78	78.41	OR	74.99	14	71.35	78.77
AZ	74.30	21	70.46	78.34	MD	73.32	38	69.71	76.83	PA	73.58	34	69.90	77.16
AR	73.72	29	69.73	77.83	MA	75.01	13	71.27	78.46	RI	74.76	18	70.96	78.33
CA	74.57	20	71.09	78.02	MI	73.67	[1] 31	70.07	77.29	SC	71.85	49	67.56	76.12
CO	75.30	9	71.78	78.80	MN	76.15	2	72.52	79.82	SD	74.97	16	71.03	79.21
CT	75.12	12	71.51	78.57	MS	71.98	48	67.64	76.39	TN	73.30	39	69.15	77.47
DE	73.21	40	69.56	76.78	MO	73.84	[1] 27	69.92	77.72	TX	73.64	33	69.70	77.67
DC	69.20	(x)	64.55	73.70	MT	73.93	25	70.47	77.68	UT	75.76	4	72.38	79.18
FL	74.00	[1] 23	70.08	77.98	NE	75.49	6	71.73	79.29	VT	74.79	17	71.06	78.49
GA	72.22	47	68.01	76.35	NV	72.64	44	69.26	76.48	VA	73.43	36	69.60	77.27
HI	77.02	1	74.08	80.33	NH	74.98	15	71.43	78.42	WA	75.13	11	71.74	78.57
ID	75.19	10	71.52	79.15	NJ	74.00	[1] 23	70.48	77.39	WV	72.84	43	68.86	76.93
IL	73.37	37	69.55	77.13	NM	74.01	22	69.91	78.34	WI	75.35	7	71.86	78.87
IN	73.84	[1] 27	70.16	77.46	NY	73.70	30	70.02	77.18	WY	73.85	26	69.95	78.20
IA	75.81	3	72.00	79.60	NC	72.96	42	68.60	77.35					

X Not applicable. [1] Florida and New Jersey share the same rank of 23; Indiana and Missouri share the same rank of 27; Michigan and Oklahoma share the same rank of 31. Therefore, the numbers 24, 28, and 32 are omitted in order for the States to total 50.

Source: U.S. National Center for Health Statistics, *U.S. Decennial Life Tables for 1979–81, Vol. II State Life Tables* (each State), August 1985.

No. 106. Expectation of Life and Expected Deaths, by Race, Sex, and Age: 1986

Age in 1986 (years)	Expectation of life in years					Expected deaths per 1,000 alive at specified age [1]				
	Total	White		Black		Total	White		Black	
		Male	Female	Male	Female		Male	Female	Male	Female
At birth	74.8	72.0	78.8	65.2	73.5	10.36	10.02	7.80	20.04	16.09
1	74.6	71.7	78.4	65.5	73.7	.72	.76	.57	1.16	.96
2	73.6	70.8	77.5	64.6	72.8	.55	.55	.44	.94	.79
3	72.7	69.8	76.5	63.6	71.9	.43	.42	.34	.76	.64
4	71.7	68.8	75.5	62.7	70.9	.35	.34	.27	.62	.52
5	70.7	67.8	74.6	61.7	69.9	.29	.30	.22	.51	.43
6	69.8	66.9	73.6	60.7	69.0	.26	.28	.19	.43	.35
7	68.8	65.9	72.6	59.8	68.0	.23	.26	.17	.37	.29
8	67.8	64.9	71.6	58.8	67.0	.21	.23	.15	.33	.25
9	66.8	63.9	70.6	57.8	66.0	.19	.20	.14	.30	.22
10	65.8	62.9	69.6	56.8	65.0	.17	.18	.13	.30	.20
11	64.8	61.9	68.6	55.8	64.1	.18	.19	.14	.32	.20
12	63.8	61.0	67.7	54.9	63.1	.23	.27	.17	.40	.22
13	62.9	60.0	66.7	53.9	62.1	.34	.43	.23	.52	.25
14	61.9	59.0	65.7	52.9	61.1	.47	.64	.30	.69	.30
15	60.9	58.0	64.7	52.0	60.1	.63	.88	.39	.88	.36
16	59.9	57.1	63.7	51.0	59.1	.78	1.10	.46	1.08	.43
17	59.0	56.1	62.8	50.1	58.2	.90	1.29	.52	1.30	.49
18	58.0	55.2	61.8	49.1	57.2	.99	1.42	.54	1.54	.55
19	57.1	54.3	60.8	48.2	56.2	1.04	1.50	.53	1.60	.60
20	56.2	53.4	59.9	47.3	55.3	1.09	1.58	.52	2.07	.66
21	55.2	52.5	58.9	46.4	54.3	1.15	1.66	.52	2.35	.73
22	54.3	51.5	57.9	45.5	53.3	1.18	1.70	.51	2.58	.79
23	53.3	50.6	56.9	44.6	52.4	1.20	1.69	.51	2.74	.86
24	52.4	49.7	56.0	43.7	51.4	1.19	1.66	.52	2.87	.93
25	51.5	48.8	55.0	42.8	50.5	1.18	1.60	.52	2.96	1.00
26	50.5	47.9	54.0	42.0	49.5	1.17	1.55	.53	3.12	1.07
27	49.6	47.0	53.1	41.1	48.6	1.18	1.53	.54	3.28	1.17
28	48.7	46.0	52.1	40.2	47.6	1.21	1.56	.55	3.48	1.28
29	47.7	45.1	51.1	39.4	46.7	1.27	1.62	.57	3.72	1.40
30	46.8	44.2	50.1	38.5	45.7	1.33	1.69	.60	3.98	1.55
31	45.8	43.2	49.2	37.7	44.8	1.39	1.76	.63	4.23	1.69
32	44.9	42.3	48.2	36.8	43.9	1.45	1.82	.67	4.49	1.82
33	44.0	41.4	47.2	36.0	43.0	1.51	1.87	.71	4.75	1.91
34	43.0	40.5	46.3	35.2	42.1	1.56	1.90	.75	5.00	1.99
35	42.1	39.5	45.3	34.3	41.1	1.61	1.95	.79	5.27	2.07
36	41.2	38.6	44.3	33.5	40.2	1.69	2.02	.85	5.55	2.17
37	40.2	37.7	43.4	32.7	39.3	1.78	2.11	.93	5.88	2.32
38	39.3	36.8	42.4	31.9	38.4	1.90	2.22	1.03	6.25	2.53
39	38.4	35.9	41.5	31.1	37.5	2.04	2.37	1.14	6.65	2.79
40	37.4	34.9	40.5	30.3	36.6	2.20	2.54	1.27	7.11	3.09
41	36.5	34.0	39.6	29.5	35.7	2.38	2.73	1.42	7.58	3.40
42	35.6	33.1	38.6	28.7	34.8	2.57	2.95	1.57	8.02	3.68
43	34.7	32.2	37.7	28.0	34.0	2.77	3.18	1.71	8.40	3.94
44	33.8	31.3	36.7	27.2	33.1	2.98	3.43	1.86	8.75	4.18
45	32.9	30.4	35.8	26.4	32.2	3.22	3.72	2.03	9.10	4.42
46	32.0	29.5	34.9	25.7	31.4	3.50	4.05	2.22	9.52	4.71
47	31.1	28.7	33.9	24.9	30.5	3.82	4.44	2.45	10.11	5.08
48	30.2	27.8	33.0	24.1	29.7	4.21	4.90	2.72	10.92	5.56
49	29.4	26.9	32.1	23.4	28.8	4.67	5.42	3.04	11.91	6.14
50	28.5	26.1	31.2	22.7	28.0	5.17	6.00	3.39	13.03	6.78
51	27.6	25.2	30.3	22.0	27.2	5.70	6.64	3.77	14.17	7.45
52	26.8	24.4	29.4	21.3	26.4	6.27	7.35	4.15	15.25	8.08
53	26.0	23.6	28.6	20.6	25.6	6.85	8.14	4.53	16.21	8.65
54	25.1	22.7	27.7	19.9	24.8	7.46	9.01	4.93	17.09	9.19
55	24.3	21.9	26.8	19.3	24.0	8.10	9.94	5.35	17.96	9.70
56	23.5	21.2	26.0	18.6	23.3	8.82	10.94	5.83	18.95	10.31
57	22.7	20.4	25.1	18.0	22.5	9.64	12.06	6.39	20.24	11.17
58	21.9	19.6	24.3	17.3	21.8	10.60	13.30	7.07	21.94	12.35
59	21.2	18.9	23.4	16.7	21.0	11.68	14.65	7.85	23.97	13.78
60	20.4	18.2	22.6	16.1	20.3	12.87	16.14	8.70	26.24	15.39
61	19.7	17.5	21.8	15.5	19.6	14.11	17.70	9.61	28.54	16.99
62	18.9	16.8	21.0	15.0	19.0	15.36	19.31	10.53	30.68	18.40
63	18.2	16.1	20.2	14.4	18.3	16.58	20.92	11.46	32.52	19.49
64	17.5	15.4	19.5	13.9	17.7	17.82	22.57	12.40	34.13	20.35
65	16.8	14.8	18.7	13.4	17.0	19.10	24.28	13.41	35.69	21.15
70	13.6	11.7	15.1	10.8	13.9	29.01	37.82	20.93	49.25	29.85
75	10.7	9.1	11.8	8.7	11.1	43.45	57.82	32.69	68.36	42.47
80	8.1	6.9	8.8	6.8	8.5	66.00	87.57	52.87	97.05	64.22
85 and over	6.0	5.1	6.4	5.5	6.7	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00

[1] Based on the proportion of the cohort who are alive at the beginning of an indicated age interval who will die before reaching the end of that interval. For example, out of every 1,000 people alive and exactly 50 years old at the beginning of the period, between 5 and 6 (5.17) will die before reaching their 51st birthdays.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

No. 107. Deaths and Death Rates, by Sex and Race: 1960 to 1988

[**Rates are per 1,000 population for specified groups.** Except as noted, excludes deaths of nonresidents of the U.S. Excludes fetal deaths. For explanation of age-adjustment, see text, section 2. The standard population for this table is the total population of the United States enumerated in 1940. See Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series B 167–173 and B 181–192]

SEX AND RACE	1960 [1]	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987	1988, [1 2] prel.
Deaths [3] (1,000)	**1,712**	**1,921**	**1,893**	**1,990**	**1,978**	**1,975**	**2,019**	**2,039**	**2,086**	**2,105**	**2,123**	**2,171**
Male [3] (1,000)	976	1,078	1,051	1,075	1,064	1,056	1,072	1,077	1,098	1,104	1,108	1,131
Female [3] (1,000)	736	843	842	915	914	918	947	963	989	1,001	1,015	1,040
White (1,000)	1,505	1,682	1,660	1,739	1,731	1,729	1,766	1,782	1,819	1,831	1,843	1,887
Male (1,000)	861	942	918	934	925	919	932	935	950	953	953	974
Female (1,000)	644	740	743	805	806	810	834	847	869	879	890	913
Black (1,000)	196	226	218	233	229	227	233	236	244	250	255	258
Male (1,000)	108	128	124	130	127	126	128	129	134	137	140	142
Female (1,000)	88	98	94	103	101	101	105	107	111	113	115	116
Death rates [3]	**9.5**	**9.5**	**8.8**	**8.8**	**8.6**	**8.5**	**8.6**	**8.6**	**8.7**	**8.7**	**8.7**	**8.8**
Male [3]	11.0	10.9	10.0	9.8	9.5	9.4	9.4	9.4	9.5	9.4	9.3	9.4
Female [3]	8.1	8.1	7.6	7.9	7.8	7.7	7.9	7.9	8.1	8.1	8.1	8.3
White	9.5	9.5	8.9	8.9	8.8	8.7	8.8	8.9	9.0	9.0	9.0	9.1
Male	11.0	10.9	10.0	9.8	9.7	9.5	9.6	9.5	9.6	9.5	9.5	9.6
Female	8.0	8.1	7.8	8.1	8.0	8.0	8.2	8.2	8.4	8.4	8.5	8.6
Black	10.4	10.0	8.8	8.8	8.4	8.2	8.3	8.3	8.5	8.5	8.6	8.5
Male	11.8	11.9	10.6	10.3	9.9	9.6	9.6	9.6	9.8	9.9	9.9	9.9
Female	9.1	8.3	7.3	7.3	7.1	6.9	7.1	7.1	7.3	7.3	7.4	7.3
Age-adjusted death rates [3]	**7.6**	**7.1**	**6.3**	**5.9**	**5.7**	**5.5**	**5.5**	**5.5**	**5.5**	**5.4**	**5.4**	**5.4**
Male [3]	9.5	9.3	8.4	7.8	7.5	7.3	7.3	7.2	7.2	7.1	7.0	7.0
Female [3]	5.9	5.3	4.6	4.3	4.2	4.1	4.1	4.1	4.1	4.1	4.0	4.0
White	7.3	6.8	6.0	5.6	5.4	5.3	5.3	5.2	5.2	5.2	5.1	5.1
Male	9.2	8.9	8.0	7.5	7.2	7.1	7.0	6.9	6.9	6.8	6.7	6.7
Female	5.6	5.0	4.4	4.1	4.0	3.9	3.9	3.9	3.9	3.9	3.8	3.9
Black	10.7	10.4	8.9	8.4	8.0	7.8	7.8	7.7	7.8	7.8	7.8	7.7
Male	12.5	13.2	11.6	11.1	10.7	10.4	10.2	10.1	10.2	10.3	10.2	10.2
Female	9.2	8.1	6.7	6.3	6.0	5.8	5.9	5.9	5.9	5.9	5.9	5.7

[1] Includes deaths of nonresidents of the U.S. [2] Based on a 10-percent sample of deaths. [3] Includes other races, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 108. Death Rates, by Age, Sex, and Race: 1960 to 1988

[**Number of deaths per 100,000 population in specified group.** See headnote, table 107]

SEX, YEAR, AND RACE	All ages [1]	Under 1 yr. old	1–4 yr. old	5–14 yr. old	15–24 yr. old	25–34 yr. old	35–44 yr. old	45–54 yr. old	55–64 yr. old	65–74 yr. old	75–84 yr. old	85 yr. old and over
MALE [2]												
1960 [3]	1,105	3,059	120	56	152	188	373	992	2,310	4,914	10,178	21,186
1970	1,090	2,410	93	51	189	215	403	959	2,283	4,874	10,010	17,822
1980	977	1,429	73	37	172	196	299	767	1,815	4,105	8,817	18,801
1985	945	1,197	58	32	141	178	278	669	1,693	3,788	8,504	18,325
1986	941	1,153	58	32	151	193	288	653	1,648	3,701	8,353	18,187
1987	935	1,129	58	32	146	193	292	644	1,624	3,618	8,232	18,031
1988, prel. [3 4]	944	1,122	56	31	154	196	296	637	1,624	3,583	8,243	18,475
White: 1970	1,087	2,113	84	48	171	177	344	883	2,203	4,810	10,099	18,552
1980	983	1,230	66	35	167	171	257	699	1,729	4,036	8,830	19,097
1985	960	1,039	52	30	136	157	241	609	1,614	3,717	8,500	18,789
1988, prel. [3 4]	960	938	52	29	144	170	255	573	1,557	3,534	8,235	18,934
Black: 1970	1,187	4,299	151	67	321	560	957	1,778	3,257	5,803	9,455	12,222
1980	1,034	2,587	111	47	209	407	690	1,480	2,873	5,131	9,232	16,099
1985	977	2,135	89	41	174	347	642	1,283	2,623	4,889	9,298	15,046
1988, prel. [3 4]	988	2,197	83	39	214	405	704	1,294	2,416	4,527	9,360	15,343
FEMALE [2]												
1960 [3]	809	2,321	98	37	61	107	229	527	1,196	2,872	7,633	19,008
1970	808	1,864	75	32	68	102	231	517	1,099	2,580	6,678	15,518
1980	785	1,142	55	24	58	76	159	413	934	2,145	5,440	14,747
1985	807	932	45	21	50	69	138	373	919	2,095	5,220	14,343
1986	809	906	46	20	52	72	140	365	906	2,091	5,152	14,298
1987	813	902	45	19	52	74	139	360	900	2,063	5,118	14,261
1988, prel. [3 4]	825	876	45	22	55	71	141	344	909	2,051	5,167	14,452
White: 1970	813	1,615	66	30	62	84	193	463	1,015	2,471	6,699	15,980
1980	806	963	49	23	56	65	138	373	876	2,067	5,402	14,980
1985	837	787	40	19	48	59	121	340	864	2,028	5,171	14,579
1988, prel. [3 4]	862	693	43	19	52	61	123	314	866	1,993	5,145	14,728
Black: 1970	829	3,369	129	44	112	231	533	1,044	1,986	3,861	6,692	10,707
1980	733	2,124	84	31	71	150	324	768	1,561	3,057	6,212	12,367
1985	728	1,757	71	28	60	136	278	654	1,502	2,926	6,252	12,155
1988, prel. [3 4]	733	1,860	49	38	74	143	287	596	1,399	2,887	5,998	12,260

[1] Includes unknown age. [2] Includes other races not shown separately. [3] Includes deaths of nonresidents. [4] Based on a 10-percent sample of deaths.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 109. Deaths and Death Rates, by State: 1970 to 1988

[Excludes deaths of nonresidents of the U.S., except as noted. See Appendix III. For composition of regions, see fig. I, inside front cover]

Region, division, and state	Number of deaths (1,000)								Rate per 1,000 population							
	By state of residence						By state of occurrence [1]		By state of residence						By state of occurrence [1]	
	1970	1980	1984	1985	1986	1987	1987, prel.	1988, prel.	1970	1980	1984	1985	1986	1987	1987, prel.	1988, prel.
United States	**1,921**	**1,990**	**2,039**	**2,086**	**2,105**	**2,123**	**2,127**	**2,171**	**9.5**	**8.8**	**8.6**	**8.7**	**8.7**	**8.7**	**8.7**	**8.8**
Region:																
Northeast	499	480	478	485	488	489	486	495	10.2	9.8	9.6	9.7	9.7	9.7	9.7	9.8
Midwest	541	524	522	532	536	534	533	542	9.6	8.9	8.8	9.0	9.0	9.0	8.9	9.1
South	593	659	692	713	723	731	732	758	9.5	8.7	8.6	8.7	8.7	8.7	8.7	9.0
West	288	327	347	356	359	369	376	374	8.3	7.6	7.4	7.4	7.4	7.4	7.6	7.4
New England	**116**	**115**	**116**	**118**	**118**	**118**	**119**	**122**	**9.8**	**9.3**	**9.2**	**9.3**	**9.3**	**9.2**	**9.2**	**9.4**
Maine	11	11	11	11	11	11	11	11	11.1	9.6	9.4	9.8	9.6	9.5	9.6	9.4
New Hampshire	7	8	8	8	9	8	8	9	10.0	8.3	8.2	8.5	8.4	8.0	7.8	8.0
Vermont	4	5	5	5	5	5	5	5	10.0	9.0	8.6	8.7	8.8	8.7	8.2	9.5
Massachusetts	57	55	55	56	56	56	56	58	10.1	9.6	9.5	9.6	9.6	9.5	9.6	9.8
Rhode Island	9	9	9	10	10	10	10	10	10.0	9.8	9.8	10.0	10.0	9.8	10.0	10.0
Connecticut	26	27	28	28	28	28	28	29	8.6	8.8	8.8	8.9	8.8	8.8	8.8	8.9
Middle Atlantic	**383**	**365**	**362**	**367**	**370**	**371**	**368**	**373**	**10.3**	**9.9**	**9.8**	**9.9**	**9.9**	**9.9**	**9.8**	**9.9**
New York	188	173	171	172	174	174	172	174	10.3	9.8	9.6	9.7	9.8	9.7	9.7	9.7
New Jersey	68	69	69	71	72	72	70	72	9.5	9.4	9.2	9.4	9.4	9.4	9.1	9.3
Pennsylvania	127	124	122	124	124	125	126	127	10.8	10.4	10.3	10.4	10.5	10.5	10.5	10.6
East North Central	**377**	**365**	**363**	**370**	**375**	**372**	**367**	**374**	**9.4**	**8.8**	**8.7**	**8.9**	**9.0**	**8.9**	**8.8**	**8.9**
Ohio	100	98	97	99	100	99	98	101	9.4	9.1	9.0	9.2	9.3	9.2	9.1	9.3
Indiana	49	47	47	48	49	49	49	50	9.3	8.6	8.6	8.8	9.0	8.8	8.8	9.1
Illinois	111	103	101	102	103	102	99	101	10.0	9.0	8.8	8.9	8.9	8.8	8.5	8.7
Michigan	76	75	77	79	80	80	79	79	8.6	8.1	8.5	8.7	8.8	8.7	8.6	8.5
Wisconsin	41	41	41	41	42	42	42	43	9.2	8.7	8.6	8.7	8.8	8.8	8.8	8.9
West North Central	**164**	**159**	**159**	**162**	**161**	**162**	**166**	**168**	**10.1**	**9.2**	**9.1**	**9.2**	**9.2**	**9.2**	**9.4**	**9.5**
Minnesota	34	33	34	35	35	35	35	35	8.9	8.2	8.1	8.3	8.3	8.1	8.2	8.2
Iowa	29	27	27	28	27	27	27	28	10.4	9.3	9.3	9.7	9.5	9.6	9.5	9.8
Missouri	52	50	49	50	50	51	55	54	11.1	10.1	9.8	10.0	9.9	9.9	10.7	10.6
North Dakota	6	6	6	6	5	5	6	6	9.1	8.6	8.1	8.2	7.8	8.2	8.7	9.1
South Dakota	7	7	7	7	7	7	7	7	9.9	9.5	9.3	9.3	9.3	9.4	9.4	9.2
Nebraska	15	14	15	15	15	15	15	15	10.1	9.2	9.1	9.3	9.2	9.3	9.5	9.4
Kansas	22	22	22	22	22	22	22	23	9.7	9.3	9.1	9.0	9.1	8.9	8.8	9.1
South Atlantic	**290**	**330**	**350**	**364**	**372**	**379**	**379**	**391**	**9.5**	**8.9**	**8.9**	**9.0**	**9.1**	**9.1**	**9.1**	**9.2**
Delaware	5	5	5	5	6	6	6	6	9.0	8.5	8.3	8.8	8.9	8.7	8.8	8.9
Maryland	33	34	35	37	37	38	37	38	8.4	8.1	8.2	8.3	8.4	8.4	8.2	8.2
District of Columbia	9	7	7	7	7	7	9	9	11.7	11.1	10.8	11.2	11.7	11.9	13.8	14.5
Virginia	39	43	44	45	47	47	46	47	8.4	8.0	7.9	7.9	8.0	7.9	7.8	7.8
West Virginia	20	19	19	19	20	20	20	20	11.5	9.9	9.8	10.0	10.4	10.4	10.5	10.5
North Carolina	45	48	51	53	55	55	55	58	8.8	8.2	8.3	8.5	8.6	8.6	8.6	9.0
South Carolina	23	25	26	27	28	28	28	28	8.8	8.1	8.0	8.1	8.3	8.3	8.1	8.2
Georgia	42	44	47	49	49	50	50	53	9.1	8.1	8.0	8.1	8.1	8.1	8.0	8.3
Florida	75	105	115	121	124	127	128	132	11.0	10.7	10.4	10.7	10.6	10.6	10.7	10.7
East South Central	**128**	**134**	**136**	**140**	**141**	**142**	**143**	**149**	**10.0**	**9.1**	**9.1**	**9.3**	**9.3**	**9.3**	**9.4**	**9.7**
Kentucky	33	34	34	35	35	35	34	36	10.3	9.2	9.0	9.4	9.3	9.3	9.1	9.5
Tennessee	38	41	42	43	44	45	48	51	9.7	8.9	9.0	9.1	9.2	9.3	10.0	10.4
Alabama	34	36	37	38	38	38	37	39	9.8	9.1	9.2	9.3	9.3	9.2	9.1	9.5
Mississippi	23	24	24	25	24	25	24	24	10.5	9.4	9.2	9.4	9.3	9.4	9.1	9.2
West South Central	**175**	**195**	**206**	**209**	**209**	**210**	**210**	**218**	**9.1**	**8.2**	**7.9**	**7.9**	**7.8**	**7.8**	**7.8**	**8.1**
Arkansas	21	23	24	24	24	24	23	25	10.7	9.9	10.1	10.2	10.1	10.2	9.8	10.6
Louisiana	33	36	36	37	36	36	37	39	9.2	8.5	8.0	8.3	8.1	8.2	8.2	8.8
Oklahoma	27	28	29	30	30	29	28	29	10.5	9.3	8.9	9.0	9.1	9.0	8.5	9.0
Texas	94	108	117	118	119	120	122	125	8.4	7.6	7.3	7.2	7.1	7.1	7.3	7.4
Mountain	**66**	**80**	**87**	**88**	**90**	**92**	**94**	**97**	**8.0**	**7.0**	**6.9**	**6.9**	**6.9**	**7.0**	**7.1**	**7.3**
Montana	7	7	7	7	7	7	7	7	9.5	8.5	8.2	8.2	8.3	8.2	8.1	8.4
Idaho	6	7	7	7	7	7	7	7	8.6	7.2	7.3	7.1	7.4	7.4	7.0	7.4
Wyoming	3	3	3	3	3	3	3	3	8.8	6.9	6.2	6.4	6.3	6.2	5.9	6.4
Colorado	17	19	20	20	21	21	21	22	7.9	6.6	6.4	6.3	6.4	6.4	6.5	6.6
New Mexico	7	9	10	10	10	10	10	10	7.3	7.0	6.7	6.7	6.8	6.9	7.0	7.0
Arizona	15	21	24	25	26	27	28	28	8.4	7.9	7.8	7.7	7.8	8.0	8.1	8.2
Utah	7	8	9	9	9	9	9	10	6.7	5.6	5.5	5.5	5.4	5.4	5.6	5.7
Nevada	4	6	7	7	7	8	9	9	7.9	7.4	7.4	7.7	7.7	7.8	8.5	8.7
Pacific	**221**	**247**	**260**	**268**	**269**	**277**	**282**	**278**	**8.3**	**7.8**	**7.6**	**7.7**	**7.5**	**7.6**	**7.7**	**7.4**
Washington	30	32	34	35	34	35	35	36	8.8	7.7	7.8	7.8	7.7	7.7	7.7	7.8
Oregon	20	22	23	24	23	24	24	25	9.3	8.3	8.7	8.9	8.7	8.9	8.9	9.0
California	166	187	196	202	203	209	214	208	8.3	7.9	7.6	7.7	7.5	7.6	7.8	7.4
Alaska	1	2	2	2	2	2	2	2	4.8	4.3	3.8	4.0	3.9	3.9	4.0	3.9
Hawaii	4	5	6	6	6	6	6	6	5.2	5.2	5.4	5.5	5.5	5.7	5.9	5.8

[1] Includes deaths of nonresidents.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *Monthly Vital Statistics Report*.

No. 110. Infant, Maternal, and Neonatal Mortality Rates, and Fetal Mortality Ratios, by Race: 1960 to 1987

[**Deaths per 1,000 live births, except as noted.** Beginning 1970, excludes deaths of nonresidents of U.S. See also Appendix III and *Historical Statistics, Colonial Times to 1970,* series B 136-147]

ITEM	1960	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Infant deaths [1]	**26.0**	**20.0**	**16.1**	**13.8**	**13.1**	**12.6**	**11.9**	**11.5**	**11.2**	**10.8**	**10.6**	**10.4**	**10.1**
White	22.9	17.8	14.2	12.0	11.4	11.0	10.5	10.1	9.7	9.4	9.3	8.9	8.6
Black and other	43.2	30.9	24.2	21.1	19.8	19.1	17.8	17.3	16.8	16.1	15.8	15.7	15.4
Black	44.3	32.6	26.2	23.1	21.8	21.4	20.0	19.6	19.2	18.4	18.2	18.0	17.9
Maternal deaths [2]	**37.1**	**21.5**	**12.8**	**9.6**	**9.6**	**9.2**	**8.5**	**7.9**	**8.0**	**7.8**	**7.8**	**7.2**	**6.6**
White	26.0	14.4	9.1	6.4	6.4	6.7	6.3	5.8	5.9	5.4	5.2	4.9	5.1
Black and other	97.9	55.9	29.0	23.0	22.7	19.8	17.3	16.4	16.3	16.9	18.1	16.0	12.0
Black	103.6	59.8	31.3	25.0	25.1	21.5	20.4	18.2	18.3	19.7	20.4	18.8	14.2
Fetal deaths [3]	**16.1**	**14.2**	**10.7**	**9.7**	**9.4**	**9.2**	**9.0**	**8.9**	**8.4**	**8.2**	**7.9**	**7.7**	(NA)
White	14.1	12.4	9.5	8.5	8.4	8.2	8.0	7.9	7.4	7.4	7.0	6.8	(NA)
Black and other	26.8	22.6	16.0	14.7	13.8	13.4	12.8	12.7	12.2	11.5	11.3	11.2	(NA)
Neonatal deaths [4]	**18.7**	**15.1**	**11.6**	**9.5**	**8.9**	**8.5**	**8.0**	**7.7**	**7.3**	**7.0**	**7.0**	**6.7**	**6.5**
White	17.2	13.8	10.4	8.4	7.9	7.5	7.1	6.8	6.4	6.2	6.1	5.8	5.5
Black and other	26.9	21.4	16.8	14.0	12.9	12.5	11.8	11.3	10.8	10.2	10.3	10.1	10.0
Black	27.6	22.8	18.3	15.5	14.3	14.1	13.4	13.1	12.4	11.8	12.1	11.7	11.7

NA Not available. [1] Represents deaths of infants under 1 year old, exclusive of fetal deaths. [2] Per 100,000 live births from deliveries and complications of pregnancy, childbirth, and the puerperium. Beginning 1979, deaths are classified according to the ninth revision of the *International Classification of Diseases;* for the earlier years classified according to the revision in use at the time; see text, section 2. [3] Beginning 1970, includes only those deaths with stated or presumed period of gestation of 20 weeks or more; for prior years, includes gestational age not stated. [4] Represents deaths of infants under 28 days old, exclusive of fetal deaths.

No. 111. Fetal and Infant Deaths—Number and Percent Distribution: 1960 to 1986

[State requirements for reporting of fetal deaths vary. Most States require reporting of fetal deaths of gestations of 20 weeks or more. There is substantial evidence that not all fetal deaths for which reporting is required are reported. For details of methodology, see Appendix III and source]

YEAR	NUMBER						PERCENT DISTRIBUTION					
	Total	Fetal deaths		Infant deaths			Total	Fetal deaths		Infant deaths		
		Early [1]	Late [2]	Neonatal		Post-neonatal [5]		Early [1]	Late [2]	Neonatal		Post-neonatal [5]
				Early [3]	Late [4]					Early [3]	Late [4]	
1960	179,353	16,496	51,984	71,125	8,608	31,140	100.0	9.2	29.0	39.7	4.8	17.4
1970	127,628	17,170	35,791	50,821	5,458	18,388	100.0	13.5	28.0	39.8	4.3	14.4
1975	84,321	8,995	24,801	31,396	5,020	14,109	100.0	10.7	29.4	37.2	6.0	16.7
1980	78,879	10,754	22,599	25,492	5,126	14,908	100.0	13.6	28.7	32.3	6.5	18.9
1981	75,901	11,126	21,470	24,384	4,737	14,184	100.0	14.7	28.3	32.1	6.2	18.7
1982	75,095	11,028	21,666	23,706	4,629	14,066	100.0	14.7	28.9	31.6	6.2	18.7
1983	71,379	10,933	19,819	22,315	4,192	14,120	100.0	15.3	27.8	31.3	5.9	19.8
1984	69,679	10,963	19,136	21,566	4,125	13,889	100.0	15.7	27.5	31.0	5.9	19.9
1985	69,691	10,958	18,703	21,865	4,314	13,851	100.0	15.7	26.8	31.4	6.2	19.9
1986	67,863	11,100	17,872	21,053	4,139	13,679	100.0	16.4	26.3	31.0	6.1	20.2

[1] 20-27 weeks gestation. [2] 28 weeks or more gestation. [3] Less than 7 days. [4] 7-27 days. [5] 28 days—11 months.

No. 112. Infant Deaths and Infant Mortality Rates, by Cause of Death: 1980 to 1988

[Excludes deaths of nonresidents of U.S. Deaths classified according to ninth revision of *International Classification of Diseases.* See also Appendix III]

CAUSE OF DEATH	NUMBER			PERCENT DISTRIBUTION			INFANT MORTALITY RATE [1]			
	1980	1985	1987	1980	1985	1987	1980	1985	1987	1988,[2] prel.
Total	**45,526**	**40,030**	**38,408**	**100.0**	**100.0**	**100.0**	**1,260.3**	**1,064.5**	**1,008.2**	**992.9**
Congenital anomalies	9,220	8,561	7,884	20.3	21.4	20.5	255.2	227.7	207.0	207.2
Sudden infant death syndrome	5,510	5,315	5,230	12.1	13.3	13.6	152.5	141.3	137.3	117.4
Respiratory distress syndrome	4,989	3,691	3,283	11.0	9.2	8.5	138.1	98.2	86.2	80.4
Disorders relating to short gestation and unspecified low birthweight	3,648	3,257	3,354	8.0	8.1	8.7	101.0	86.6	88.0	90.9
Newborn affected by maternal complications of pregnancy	1,572	1,335	1,399	3.5	3.3	3.6	43.5	35.5	36.7	(NA)
Intrauterine hypoxia and birth asphyxia	1,497	1,158	791	3.3	2.9	2.1	41.4	30.8	20.8	20.3
Infections specific to the perinatal period	971	955	862	2.1	2.4	2.2	26.9	25.4	22.6	(NA)
Accidents and adverse effects	1,166	890	950	2.6	2.2	2.5	32.3	23.7	24.9	(NA)
Newborn affected by complications of placenta, cord, and membranes	985	891	839	2.2	2.2	2.2	27.3	23.7	22.0	(NA)
Pneumonia and influenza	1,012	705	674	2.2	1.8	1.8	28.0	18.7	17.7	14.4
All other causes	14,956	13,272	13,142	32.9	33.2	34.2	414.1	352.9	345.0	(NA)

NA Not available. [1] Deaths of infants under 1 year old per 100,000 live births. [2] Based on a 10-percent sample of deaths.

Source of tables 110-112: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual and *Monthly Vital Statistics Report.*

No. 113. Infant Mortality Rates, by Race—States: 1980 to 1987

[**Deaths per 1,000 live births, by place of residence.** Represents deaths of infants under 1 year old, exclusive of fetal deaths. Excludes deaths of nonresidents of the United States. See Appendix III and *Historical Statistics, Colonial Times to 1970,* series B 143-147, for U.S. total by race]

Division and State	Total [1]			White		Black	
	1980	1986	1987	1980	1986	1980	1986
U.S	**12.6**	**10.4**	**10.1**	**11.0**	**8.9**	**21.4**	**18.0**
N.E	**10.5**	**8.8**	**7.9**	**10.1**	**8.2**	**17.7**	**18.2**
ME	9.2	8.8	8.3	9.4	9.0	–	–
NH	9.9	9.1	7.8	9.9	9.1	[2] 22.5	[2] 16.1
VT	10.7	10.0	8.5	10.7	9.7	–	[2] 38.5
MA	10.5	8.5	7.2	10.1	7.7	16.8	18.5
RI	11.0	9.4	8.4	10.9	8.8	[2] 17.4	[2] 16.7
CT	11.2	9.1	8.8	10.2	7.8	19.1	18.4
M.A	**12.8**	**10.4**	**10.3**	**11.1**	**8.7**	**21.1**	**17.8**
NY	12.5	10.7	10.7	10.8	9.2	20.0	16.7
NJ	12.5	9.8	9.4	10.3	7.8	21.9	18.5
PA	13.2	10.2	10.4	11.9	8.6	23.1	19.8
E.N.C	**13.0**	**11.1**	**10.3**	**10.9**	**9.3**	**24.4**	**20.9**
OH	12.8	10.6	9.3	11.2	9.5	23.0	17.4
IN	11.9	11.3	10.1	10.5	10.1	23.4	21.5
IL	14.8	12.1	11.6	11.7	9.3	26.3	22.3
MI	12.8	11.4	10.7	10.6	9.0	24.2	22.8
WI	10.3	9.2	8.6	9.7	8.5	18.5	17.3
W.N.C	**11.3**	**9.7**	**9.3**	**10.5**	**8.9**	**21.3**	**17.5**
MN	10.0	9.2	8.7	9.6	8.9	20.0	16.4
IA	11.8	8.5	9.1	11.5	8.3	27.2	[2] 13.9
MO	12.4	10.7	10.2	11.1	9.3	20.7	18.5
ND	12.1	8.4	8.7	11.7	8.3	[2] 27.5	–
SD	10.9	13.3	9.9	9.0	10.4	–	[2] 25.2
NE	11.5	10.1	8.6	10.7	9.2	25.2	20.3
KS	10.4	8.9	9.5	9.5	8.4	20.6	15.0
S.A	**14.5**	**11.7**	**11.5**	**11.6**	**9.2**	**21.6**	**18.3**
DE	13.9	11.5	11.7	9.8	9.6	27.9	17.6
MD	14.0	11.7	11.5	11.6	9.5	20.4	17.3
DC	25.0	21.1	19.3	17.8	13.3	26.7	24.0
S.A.—Con.							
VA	13.6	11.1	10.2	11.9	9.0	19.8	18.0
WV	11.8	10.2	9.8	11.4	9.6	21.5	25.9
NC	14.5	11.5	11.9	12.1	9.2	20.0	17.4
SC	15.6	13.2	12.7	10.8	10.1	22.9	18.1
GA	14.5	12.5	12.7	10.8	9.4	21.0	18.4
FL	14.6	11.0	10.6	11.8	8.8	22.8	18.2
E.S.C	**14.5**	**11.6**	**11.7**	**11.8**	**9.3**	**21.8**	**17.8**
KY	12.9	9.8	9.7	12.0	9.6	22.0	12.7
TN	13.5	11.0	11.7	11.9	8.7	19.3	18.6
AL	15.1	13.3	12.2	11.6	9.8	21.6	20.0
MS	17.0	12.4	13.7	11.1	9.0	23.7	16.2
W.S.C	**12.7**	**10.1**	**9.7**	**11.1**	**8.8**	**19.8**	**16.3**
AR	12.7	10.3	10.3	10.3	8.9	20.0	15.3
LA	14.3	11.9	11.8	10.5	8.7	20.6	17.0
OK	12.7	10.4	9.6	12.1	10.1	21.8	17.3
TX	12.2	9.5	9.1	11.2	8.6	18.8	15.9
Mt	**11.0**	**9.3**	**9.4**	**10.7**	**9.0**	**19.5**	**15.7**
MT	12.4	9.6	10.0	11.8	8.7	–	–
ID	10.7	11.3	10.4	10.7	11.3	–	[2] 26.3
WY	9.8	10.9	9.2	9.3	10.8	[2] 25.9	–
CO	10.1	8.6	9.8	9.8	8.3	19.1	17.2
NM	11.5	9.5	8.1	11.3	9.0	[2] 23.1	[2] 17.4
AZ	12.4	9.4	9.5	11.8	9.0	18.4	14.7
UT	10.4	8.6	8.8	10.5	8.6	[2] 27.3	[2] 9.3
NV	10.7	9.1	9.6	10.0	8.6	20.6	15.9
Pac	**11.2**	**9.1**	**9.2**	**10.9**	**8.8**	**17.8**	**16.0**
WA	11.8	9.8	9.7	11.5	9.8	16.4	13.5
OR	12.2	9.4	10.4	12.2	9.3	[2] 15.9	[2] 18.8
CA	11.1	8.9	9.0	10.6	8.6	18.0	16.2
AK	12.3	10.8	10.4	9.4	10.1	[2] 19.5	[2] 11.0
HI	10.3	9.3	8.9	11.6	8.6	[2] 11.8	[2] 11.9

– Represents zero. [1] Includes other races, not shown separately. [2] Based on a frequency of less than 20 infant deaths.

No. 114. Age-Adjusted Death Rates, by Selected Causes: 1970 to 1987

[**Rates per 100,000 population.** For explanation of age-adjustment, see text, section 2. The standard population for this table is the total population of the United States enumerated in 1940. See also headnote, table 115]

Cause of Death	1970	1980	1987
All causes	**714.3**	**585.8**	**535.5**
Major cardiovascular diseases	340.1	256.0	210.6
Diseases of heart	253.6	202.0	169.6
Rheumatic fever and rheumatic heart disease	6.3	2.6	1.7
Hypertensive heart disease [1]	4.9	6.8	5.0
Ischemic heart disease	228.1	149.8	113.9
Other diseases of endocardium	2.3	2.0	2.3
All other forms of heart disease	12.0	40.8	46.1
Hypertension [1]	2.9	2.0	1.8
Cerebrovascular diseases	66.3	40.8	30.3
Atherosclerosis	8.4	5.7	3.6
Other	8.8	5.5	5.3
Malignancies [2]	129.9	132.8	132.9
Of respiratory and intrathoracic organs	28.4	36.4	39.7
Of digestive organs and peritoneum	35.2	33.0	30.7
Of genital organs	15.6	13.6	12.9
Of breast	12.6	12.5	12.5
Of urinary organs	5.7	5.2	5.0
Leukemia	5.8	5.4	4.9
Accidents and adverse effects	53.7	42.3	34.6
Motor vehicle	27.4	22.9	19.5
All other	26.3	19.5	15.2
Chronic obstructive pulmonary diseases and allied conditions [3]	11.6	15.9	18.7
Bronchitis, chronic and unspecified	2.1	1.0	.8
Emphysema	8.4	4.0	3.6
Asthma	1.0	1.0	1.3
Other	(4)	9.9	13.0
Pneumonia and influenza	22.1	12.9	13.1
Pneumonia	20.8	12.4	13.0
Influenza	1.3	.5	.1
Diabetes mellitus	14.1	10.1	9.8
Suicide	11.8	11.4	11.7
Chronic liver disease and cirrhosis	14.7	12.2	9.1
Nephritis, nephrotic syndrome, and nephrosis	3.5	4.5	4.8
Homicide and legal intervention	9.1	10.8	8.6
Septicemia	1.4	2.6	4.5
Other infective and parasitic diseases	2.8	1.8	7.4
Benign neoplasms [5]	2.0	2.0	1.7
Ulcer of stomach and duodenum	3.2	1.7	1.4
Hernia of abdominal cavity and intestinal obstruction [6]	2.6	1.4	1.1
Anemias	1.3	.9	.9
Cholelithiasis and other disorders of gallbladder	1.3	.8	.6
Nutritional deficiencies	.8	.5	.5
Infections of kidney	2.8	.7	.3
Tuberculosis	2.2	.6	.5
Meningitis	.8	.6	.4
Viral hepatitis	.5	.3	.4
Acute bronchitis and bronchiolitis	.5	.2	.1
Hyperplasia of prostate	.6	.2	.1
Symptoms, signs, and ill-defined conditions	10.4	9.8	9.5
All other causes	44.0	36.8	38.2

[1] With or without renal disease. [2] Includes other types of malignancies not shown separately. [3] Prior to 1980, data are shown for bronchitis, emphysema, and asthma. [4] Included in "all other causes." Comparable data not available separately. [5] Includes neoplasms of unspecified nature; beginning 1980 also includes carcinoma in situ. [6] Without mention of hernia.

Source of tables 113 and 114: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual; and unpublished data.

No. 115. Deaths and Death Rates, by Selected Causes: 1970 to 1988

[Excludes deaths of nonresidents of the U.S., except as noted. Beginning 1979, deaths classified according to ninth revision of *International Classification of Diseases;* for earlier years, classified according to revision in use at that time. See also Appendix III and *Historical Statistics, Colonial Times to 1970,* series B149–166]

Cause of death	Deaths (1,000)					Crude death rate per 100,000 population [2]				
	1970	1980	1985	1987	1988,[1] prel.	1970	1980	1985	1987	1988,[1] prel.
All causes	**1,921.0**	**1,989.8**	**2,086.4**	**2,123.3**	**2,171.0**	**945.3**	**878.3**	**873.9**	**872.4**	**883.0**
Major cardiovascular diseases	1,008.0	988.5	977.9	963.6	972.1	496.0	436.4	409.6	395.9	395.5
Diseases of heart	735.5	761.1	771.2	760.4	767.4	362.0	336.0	323.0	312.4	312.2
Percent of total	38.3	38.3	37.0	35.8	35.3	38.3	38.3	37.0	35.8	35.3
Rheumatic fever and rheumatic heart disease	14.9	7.8	6.6	6.4	6.5	7.3	3.5	2.8	2.6	2.7
Hypertensive heart disease [3]	15.0	24.8	23.7	23.2	22.9	7.4	10.9	9.9	9.5	9.3
Ischemic heart disease	666.7	565.8	536.8	512.1	511.1	328.1	249.7	224.8	210.4	207.9
Other diseases of endocardium	6.7	7.2	9.5	11.0	11.0	3.3	3.2	4.0	4.5	4.5
All other forms of heart disease	32.3	155.5	194.6	207.7	215.9	15.9	68.7	81.5	85.3	87.8
Hypertension [3]	8.3	7.8	7.8	8.1	8.1	4.1	3.5	3.2	3.3	3.3
Cerebrovascular diseases	207.2	170.2	153.1	149.8	150.3	101.9	75.1	64.1	61.6	61.1
Atherosclerosis	31.7	29.4	23.9	22.5	23.7	15.6	13.0	10.0	9.2	9.6
Other	25.3	20.0	22.0	22.8	22.6	12.5	8.8	9.2	9.4	9.2
Malignancies [4]	330.7	416.5	461.6	476.9	488.2	162.8	183.9	193.3	195.9	198.6
Percent of total	17.2	20.9	22.1	22.5	22.5	17.2	20.9	22.1	22.5	22.5
Of respiratory and intrathoracic organs	69.5	108.5	127.3	135.0	140.8	34.2	47.9	53.3	55.5	57.3
Of digestive organs and peritoneum	94.7	110.6	116.6	117.4	116.6	46.6	48.8	48.8	48.2	47.4
Of genital organs	41.2	46.4	49.7	51.8	53.7	20.3	20.5	20.8	21.3	21.8
Of breast	29.9	35.9	40.4	41.2	43.0	14.7	15.8	16.9	16.9	17.5
Of urinary organs	15.5	17.8	18.9	19.4	19.4	7.6	7.9	7.9	8.0	7.9
Leukemia	14.5	16.5	17.3	17.3	17.4	7.1	7.3	7.3	7.1	7.1
Accidents and adverse effects	114.6	105.7	93.5	95.0	97.5	56.4	46.7	39.1	39.0	39.7
Motor vehicle	54.6	53.2	45.9	48.3	50.1	26.9	23.5	19.2	19.8	20.4
All other	60.0	52.5	47.6	46.7	47.4	29.5	23.3	19.9	19.2	19.3
Chronic obstructive pulmonary diseases and allied conditions [5]	30.9	56.1	74.7	78.4	82.0	15.2	24.7	31.3	32.2	33.3
Bronchitis, chronic and unspecified	5.8	3.7	3.6	3.6	3.4	2.9	1.6	1.5	1.5	1.4
Emphysema	22.7	13.9	14.2	14.5	15.8	11.2	6.1	5.9	6.0	6.4
Asthma	2.3	2.9	3.9	4.4	4.6	1.1	1.3	1.6	1.8	1.9
Other	([6])	35.6	53.0	56.0	58.2	([6])	15.7	22.2	23.0	23.7
Pneumonia and influenza	62.7	54.6	67.6	69.2	77.3	30.9	24.1	28.3	28.4	31.5
Pneumonia	59.0	51.9	65.6	68.6	75.4	29.0	22.9	27.5	28.2	30.7
Influenza	3.7	2.7	2.1	.6	1.9	1.8	1.2	.9	.3	.8
Diabetes mellitus	38.3	34.9	37.0	38.5	39.6	18.9	15.4	15.5	15.8	16.1
Suicide	23.5	26.9	29.5	30.8	30.3	11.6	11.9	12.3	12.7	12.3
Chronic liver disease and cirrhosis	31.4	30.6	26.8	26.2	26.1	15.5	13.5	11.2	10.8	10.6
Other infective and parasitic diseases	6.9	5.1	8.1	20.3	23.2	3.4	2.2	3.4	8.2	9.4
Human immunodeficiency virus (HIV) infection (AIDs)	([7])	([7])	([7])	13.5	16.2	([7])	([7])	([7])	5.5	6.6
Homicide and legal intervention	16.8	24.3	19.9	21.1	22.2	8.3	10.7	8.3	8.7	9.0
Nephritis, nephrotic syndrome, and nephrosis	8.9	16.8	21.3	22.1	21.9	4.4	7.4	8.9	9.1	8.9
Septicemia	3.5	9.4	17.2	19.9	20.9	1.7	4.2	7.2	8.2	8.5
Certain conditions originating in the perinatal period	43.2	22.9	19.2	18.2	18.5	21.3	10.1	8.1	7.5	7.5
Congenital anomalies	16.8	13.9	12.8	12.3	12.8	8.3	6.2	5.4	5.1	5.2
Benign neoplasms [8]	4.8	6.2	6.7	6.6	7.1	2.4	2.7	2.8	2.7	2.9
Ulcer of stomach and duodenum	8.6	6.1	6.6	6.4	6.4	4.2	2.7	2.8	2.6	2.6
Hernia of abdominal cavity and intestinal obstruction [9]	7.2	5.4	5.4	5.5	5.0	3.6	2.4	2.2	2.3	2.1
Anemias	3.4	3.2	3.7	3.8	3.7	1.7	1.4	1.5	1.6	1.5
Cholelithiasis and other disorders of gallbladder	4.0	3.3	3.0	3.0	3.2	2.0	1.5	1.2	1.2	1.3
Nutritional deficiencies	2.5	2.4	2.9	2.9	2.8	1.2	1.0	1.2	1.2	1.1
Tuberculosis	5.2	2.0	1.8	1.8	2.0	2.6	.9	.7	.7	.8
Infections of kidney	8.2	2.7	2.0	1.7	1.4	4.0	1.2	.8	.7	.6
Viral hepatitis	1.0	.8	.9	1.2	1.3	.5	.4	.4	.5	.5
Meningitis	1.7	1.4	1.2	1.2	1.2	.8	.6	.5	.5	.5
Acute bronchitis and bronchiolitis	1.3	.6	.6	.5	.7	.6	.3	.3	.2	.3
Hyperplasia of prostate	2.2	.8	.5	.5	.4	1.1	.3	.2	.2	.2
Symptoms, signs, and ill-defined conditions	25.8	28.8	31.0	31.3	31.8	12.7	12.7	13.0	12.8	12.9
All other causes	108.8	120.0	153.0	164.4	170.8	53.5	53.0	64.4	67.5	69.6

[1] Based on a 10-percent sample of deaths. Includes deaths of nonresidents. [2] Based on resident population enumerated as of Apr. 1 for 1970 and 1980 and estimated as of July 1 for other years. [3] With or without renal disease. [4] Includes other types of malignancies not shown separately. [5] Prior to 1980, data are shown for bronchitis, emphysema, and asthma. [6] Included in "all other causes." Comparable data not available separately. [7] Data are included in several other categories. [8] Includes neoplasms of unspecified nature; beginning 1980 also includes carcinoma in situ. [9] Without mention of hernia.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual; *Monthly Vital Statistics Report;* and unpublished data.

No. 116. Deaths, by Selected Cause and Selected Characteristics: 1986

[In thousands. Excludes deaths of nonresidents of the U.S. Deaths classified according to ninth revision of *International Classification of Diseases*. See also Appendix III]

Age, sex, and race	Total [1]	Diseases of heart	Malignant neoplasms	Accidents and adverse effects	Cerebrovascular diseases	Chronic obstructive pulmonary diseases [2]	Pneumonia, flu	Suicide	Chronic liver disease, cirrhosis	Diabetes mellitus
ALL RACES [3]										
Both sexes, total [4]	**2,105.4**	**765.5**	**469.4**	**95.3**	**149.6**	**76.6**	**69.8**	**30.9**	**26.2**	**37.2**
Under 15 years old	55.2	1.7	1.8	8.1	.2	.2	1.0	.3	(z)	(z)
15–24 years old	39.9	1.1	2.1	20.0	.3	.2	.3	5.1	.1	.1
25–34 years old	56.5	3.7	5.6	16.9	1.0	.2	.7	6.7	1.2	.6
35–44 years old	70.4	12.4	15.0	10.3	2.4	.5	1.2	5.0	3.2	1.2
45–54 years old	115.2	33.0	37.8	7.0	4.6	2.2	1.6	3.7	4.6	2.2
55–64 years old	279.0	94.3	98.8	7.7	11.8	10.5	4.1	3.8	7.2	5.8
65–74 years old	485.5	180.6	146.8	8.5	28.4	25.9	10.2	3.4	6.5	10.3
75–84 years old	575.1	239.0	116.6	9.6	52.0	26.7	22.0	2.3	2.9	11.0
85 years old and over	427.5	199.3	44.7	7.0	48.9	10.1	28.7	.6	.6	5.9
Male, total [4]	**1,104.0**	**390.9**	**250.6**	**65.6**	**59.2**	**47.1**	**34.2**	**24.2**	**16.8**	**15.4**
Under 15 years old	32.0	.9	1.0	5.2	.1	.1	.6	.2	(z)	(z)
15–24 years old	29.8	.7	1.3	15.5	.1	.1	.2	4.3	(z)	.1
25–34 years old	41.2	2.5	2.9	13.5	.5	.1	.5	5.5	.6	.4
35–44 years old	46.9	9.4	6.6	7.9	1.3	.3	.8	3.7	2.3	.7
45–54 years old	72.3	24.5	18.9	5.2	2.4	1.2	1.0	2.7	3.2	1.1
55–64 years old	172.3	65.6	54.8	5.3	6.3	6.2	2.7	2.8	4.7	2.8
65–74 years old	283.0	110.6	83.1	5.1	14.1	16.1	6.2	2.7	4.0	4.6
75–84 years old	282.8	114.3	62.5	4.9	21.3	17.0	11.6	1.9	1.5	4.1
85 years old and over	143.0	62.2	19.3	2.8	13.0	5.9	10.7	.5	.3	1.6
Female, total [4]	**1,001.4**	**374.6**	**218.8**	**29.7**	**90.5**	**29.5**	**35.6**	**6.7**	**9.4**	**21.8**
Under 15 years old	23.2	.7	.8	2.9	.1	.1	.4	.1	(z)	(z)
15–24 years old	10.1	.4	.8	4.5	.1	.1	.1	.8	(z)	.1
25–34 years old	15.3	1.2	2.7	3.4	.5	.1	.3	1.3	.4	.3
35–44 years old	23.5	3.0	8.3	2.4	1.1	.3	.4	1.3	.9	.5
45–54 years old	42.8	8.5	18.9	1.8	2.2	1.0	.6	1.0	1.4	1.0
55–64 years old	106.7	28.7	44.0	2.4	5.5	4.3	1.5	1.0	2.4	3.0
65–74 years old	202.5	70.1	63.7	3.4	14.3	9.7	3.9	.7	2.5	5.7
75–84 years old	292.3	124.7	54.1	4.7	30.7	9.7	10.4	.4	1.4	6.9
85 years old and over	284.5	137.1	25.4	4.2	35.9	4.2	18.0	.1	.3	4.3
WHITE										
Both sexes, total [4]	**1,831.1**	**681.4**	**412.4**	**80.3**	**130.0**	**71.1**	**62.3**	**26.4**	**21.9**	**30.3**
Under 15 years old	38.7	1.2	1.5	6.0	.1	.1	.7	.2	(z)	(z)
15–24 years old	31.8	.7	1.8	17.5	.2	.1	.2	4.6	(z)	.1
25–34 years old	41.5	2.5	4.6	13.9	.6	.2	.5	5.9	.7	.5
35–44 years old	52.5	9.3	12.1	8.3	1.5	.4	.7	4.6	2.2	.9
45–54 years old	90.4	26.2	30.9	5.7	3.2	1.8	1.1	3.5	3.6	1.5
55–64 years old	234.5	79.6	85.1	6.4	8.9	9.4	3.3	3.6	6.2	4.3
65–74 years old	425.8	159.1	130.1	7.4	23.6	24.1	8.8	3.2	5.9	8.3
75–84 years old	519.3	216.9	105.4	8.6	46.3	25.4	20.1	2.2	2.7	9.4
85 years old and over	395.8	185.6	40.8	6.4	45.5	9.6	26.9	.6	.6	5.2
BLACK										
Both sexes, total [4]	**250.3**	**77.7**	**52.0**	**12.6**	**18.0**	**4.9**	**6.7**	**1.9**	**3.7**	**6.3**
Under 15 years old	14.8	.5	.3	1.8	.1	.1	.3	(z)	(z)	(z)
15–24 years old	7.1	.3	.3	1.9	.1	.1	.1	.4	(z)	(z)
25–34 years old	13.7	1.2	.9	2.5	.3	.1	.3	.6	.4	.1
35–44 years old	16.3	2.9	2.5	1.7	.8	.1	.5	.3	.9	.3
45–54 years old	22.6	6.3	6.2	1.1	1.4	.4	.5	.2	.9	.6
55–64 years old	41.2	13.8	12.6	1.2	2.6	1.0	.8	.1	.9	1.3
65–74 years old	55.1	20.1	15.4	1.0	4.4	1.6	1.2	.1	.5	1.8
75–84 years old	50.8	20.2	10.3	.9	5.2	1.1	1.7	.1	.2	1.5
85 years old and over	28.5	12.5	3.6	.5	3.1	.4	1.4	(z)	(z)	.7

Z Fewer than 50. [1] Includes other causes, not shown separately. [2] Includes allied conditions. [3] Includes other races, not shown separately. [4] Includes those deaths with age not stated.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

No. 117. Death Rates by Selected Causes and Selected Characteristics: 1970 to 1988

[Deaths per 100,000 population in specified group. Except as noted, excludes deaths of nonresidents of U.S. See headnote, tables 114 and 115]

Year and characteristic	Total [1]	Diseases of heart	Malignant neoplasms	Accidents and adverse effects	Cerebrovascular diseases	Chronic obstructive pulmonary diseases [2]	Pneumonia, flu	Suicide	Diabetes mellitus	Chronic liver disease, cirrhosis
ALL RACES [3]										
Both sexes:										
1970, age-adjusted	714.3	253.6	129.9	53.7	66.3	(4)	22.1	11.8	14.1	14.7
1980, age-adjusted	585.8	202.0	132.8	42.3	40.8	15.9	12.9	11.4	10.1	12.2
1985, age-adjusted	546.1	180.5	133.6	34.7	32.3	18.7	13.4	11.5	9.6	9.6
1986, age-adjusted	541.7	175.0	133.2	35.2	31.0	18.8	13.5	11.9	9.6	9.2
1987, age-adjusted	535.5	169.6	132.9	34.6	30.3	18.7	13.1	11.7	9.8	9.1
1988, age-adjusted [5] [6]	536.3	166.7	133.3	35.1	29.8	19.2	14.2	11.3	9.9	9.0
15–24 years old	104.8	2.8	5.0	51.3	.9	.4	.5	12.8	.4	.2
25–34 years old	133.6	7.3	10.8	37.3	2.1	.6	2.1	15.5	1.7	2.4
35–44 years old	217.6	33.0	44.3	32.1	7.1	1.8	3.6	14.3	3.7	10.3
45–54 years old	486.4	131.4	157.2	31.2	20.4	8.8	7.3	14.8	9.3	20.0
55–64 years old	1,246.3	405.6	456.5	34.4	51.9	50.2	19.3	15.7	26.4	30.1
65–74 years old	2,731.2	985.6	845.4	50.8	155.7	151.6	60.7	16.8	62.3	35.7
75–84 years old	6,324.4	2,554.4	1,324.8	110.8	544.4	301.3	263.5	28.9	127.8	31.0
85 years old and over	15,577.7	7,119.1	1,664.5	273.7	1,710.3	399.9	1,090.2	19.7	203.9	18.3
Male:										
1970, age-adjusted	931.6	348.5	157.4	80.7	73.2	(4)	28.8	17.3	13.5	20.2
1980, age-adjusted	777.2	280.4	165.5	64.0	44.9	26.1	17.4	18.0	10.2	17.1
1985, age-adjusted	716.8	247.7	164.5	51.8	35.2	27.9	18.2	18.8	9.9	13.6
1986, age-adjusted [5]	709.1	238.2	163.6	52.5	33.5	27.6	18.4	19.3	9.9	13.0
15–24 years old	151.4	3.5	6.6	78.5	.7	.6	.8	21.7	.4	.2
25–34 years old	192.7	11.8	13.4	63.2	2.3	.6	2.1	25.5	1.7	3.7
35–44 years old	288.1	58.0	40.8	48.7	7.7	1.8	4.8	23.0	4.2	14.0
45–54 years old	653.1	221.4	171.0	47.2	21.7	11.0	9.2	24.4	10.2	28.9
55–64 years old	1,648.2	627.1	524.2	51.1	59.9	59.3	25.5	26.7	26.6	45.2
65–74 years old	3,701.4	1,446.7	1,086.9	66.6	185.0	211.0	81.7	35.5	59.7	51.9
75–84 years old	8,353.0	3,375.8	1,845.6	144.9	629.2	501.9	342.2	54.8	121.9	44.2
85 years old and over	18,187.4	7,911.5	2,459.5	354.5	1,656.4	745.3	1,360.9	61.6	208.7	33.6
1987, age-adjusted	698.6	229.6	163.2	51.2	32.7	26.9	17.7	19.1	10.3	13.0
Female:										
1970, age-adjusted	532.5	175.2	108.8	28.2	60.8	(4)	16.7	6.8	14.4	9.8
1980, age-adjusted	432.6	140.3	109.2	21.8	37.6	8.9	9.8	5.4	10.0	7.9
1985, age-adjusted	409.4	127.3	111.4	18.6	30.0	12.5	10.1	4.9	9.4	6.1
1986, age adjusted [5]	406.6	124.6	111.4	18.7	29.0	12.8	10.3	5.1	9.3	5.9
15–24 years old	52.3	2.1	4.2	23.3	.6	.4	.6	4.4	.4	.1
25–34 years old	71.6	5.5	12.8	15.9	2.2	.6	1.3	5.9	1.3	1.8
35–44 years old	139.8	17.7	49.7	14.1	6.5	1.5	2.5	7.6	2.9	5.4
45–54 years old	364.8	72.1	160.7	15.1	19.1	8.7	5.0	6.8	8.7	12.2
55–64 years old	906.1	244.1	373.6	20.2	46.8	36.4	12.6	8.4	25.5	20.7
65–74 years old	2,090.8	724.2	657.6	35.2	147.6	100.5	40.3	7.2	58.9	25.6
75–84 years old	5,151.9	2,196.9	954.2	83.3	540.7	171.2	183.4	7.5	122.0	23.9
85 years old and over	14,297.5	6,889.3	1,277.2	211.9	1,804.6	211.9	902.3	4.7	216.0	15.8
1987, age-adjusted	403.3	121.7	111.0	18.8	28.3	13.2	10.0	4.9	9.3	5.6
WHITE										
Both sexes:										
1970, age-adjusted	679.6	249.1	127.8	51.0	61.8	(4)	19.8	12.4	12.9	13.4
1980, age-adjusted	559.4	197.6	129.6	41.5	38.0	16.3	12.2	12.1	9.1	11.0
1985, age-adjusted	523.1	176.1	130.7	34.1	30.1	19.2	12.8	12.3	8.6	8.9
1987, age-adjusted	511.1	165.0	130.1	33.9	28.1	19.2	12.5	12.5	8.7	8.4
Male:										
1970, age-adjusted	893.4	347.6	154.3	76.2	68.3	(4)	26.0	18.2	12.7	18.8
1980, age-adjusted	745.3	277.5	160.5	62.3	41.9	26.7	16.2	18.9	9.5	15.7
1985, age-adjusted	688.7	244.5	159.2	50.4	32.8	28.5	17.4	19.9	9.2	12.6
1987, age-adjusted	668.2	225.9	158.4	49.7	30.3	27.4	16.8	20.1	9.5	12.1
Female:										
1970, age-adjusted	501.7	167.8	107.6	27.2	56.2	(4)	15.0	7.2	12.8	8.7
1980, age-adjusted	411.1	134.6	107.7	21.4	35.2	9.2	9.4	5.7	8.7	7.0
1985, age-adjusted	390.6	121.7	110.3	18.4	27.9	12.9	9.8	5.3	8.1	5.6
1987, age-adjusted	384.1	116.3	109.7	18.6	26.3	13.7	9.7	5.3	8.1	5.1
BLACK										
Both sexes:										
1970, age-adjusted	1,044.0	307.6	156.7	74.4	114.5	(4)	40.4	6.1	26.5	24.8
1980, age-adjusted	842.5	255.7	172.1	51.2	68.5	12.5	19.2	6.4	20.3	21.6
1985, age-adjusted	779.9	236.2	173.0	41.8	55.0	15.0	18.5	6.4	19.7	16.1
1987, age-adjusted	778.6	226.9	172.2	42.2	51.2	15.5	18.2	6.7	20.2	14.9
Male:										
1970, age-adjusted	1,318.6	375.9	198.0	119.5	122.5	(4)	53.8	9.9	21.2	33.1
1980, age-adjusted	1,112.8	327.3	229.9	82.0	77.5	20.9	28.0	11.1	17.7	30.6
1985, age-adjusted	1,024.0	301.0	231.6	66.7	60.8	23.9	26.8	11.3	17.7	23.4
1987, age-adjusted	1,023.2	287.1	227.9	66.8	57.1	24.0	26.4	12.0	18.3	22.0
Female:										
1970, age-adjusted	814.4	251.7	123.5	35.3	107.9	(4)	29.2	2.9	30.9	17.8
1980, age-adjusted	631.1	201.1	129.7	25.1	61.7	6.3	12.7	2.4	22.1	14.4
1985, age-adjusted	589.1	186.8	130.4	20.7	50.3	8.7	12.4	2.1	21.1	10.1
1987, age-adjusted	586.2	180.8	132.0	21.0	46.7	9.5	12.2	2.1	21.3	9.1

[1] Includes other causes, not shown separately. [2] Includes allied conditions. [3] Includes other races, not shown separately. [4] Data not available on a comparable basis with later years. [5] Includes persons under 15 years old, not shown separately. [6] Provisional. Includes deaths of nonresidents. Based on a 10-percent sample of deaths.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

No. 118. Death Rates, by Cause—States: 1986

[**Deaths per 100,000 resident population estimated as of July 1.** By place of residence. Excludes nonresidents of U.S. Causes of death classified according to ninth revision of *International Classification of Diseases.* For composition of regions, see fig. I, inside front cover]

Region, division, and state	Total [1]	Diseases of heart	Malignant neoplasms	Cerebrovascular diseases	Accidents and adverse effects	Chronic obstructive pulmonary diseases [2]	Pneumonia, flu	Diabetes mellitus	Suicide	Chronic liver disease and cirrhosis	Atherosclerosis	Homicide and legal intervention
U.S	**873.2**	**317.5**	**194.7**	**62.1**	**39.5**	**31.8**	**29.0**	**15.4**	**12.8**	**10.9**	**9.4**	**9.0**
Region:												
Northeast	974.5	377.3	223.1	60.6	32.2	32.0	34.0	18.3	9.3	12.9	9.3	6.9
Midwest	903.9	341.7	199.8	66.5	36.0	32.6	31.3	16.4	12.2	9.4	11.3	7.0
South	870.5	307.9	190.7	65.2	45.2	30.2	25.7	15.0	13.6	9.7	8.6	11.4
West	736.7	243.2	165.9	52.8	41.6	33.2	26.4	12.0	15.8	12.6	8.7	9.6
N.E	**927.7**	**345.4**	**220.1**	**62.0**	**32.0**	**33.0**	**36.9**	**16.6**	**10.1**	**11.4**	**10.4**	**3.7**
ME	958.8	358.4	226.7	65.5	34.9	44.5	36.6	15.5	11.1	10.0	15.6	1.8
NH	836.6	302.9	200.3	57.2	31.7	32.3	27.4	18.4	13.0	9.9	11.7	2.2
VT	879.9	322.0	197.0	59.1	39.6	36.8	39.6	14.0	14.0	10.2	8.7	3.0
MA	956.5	355.2	224.2	64.5	31.4	33.0	42.6	16.8	9.2	12.9	9.9	3.8
RI	996.7	391.1	239.1	64.3	31.6	36.6	27.6	17.3	10.2	11.2	10.2	4.3
CT	879.9	326.3	214.5	57.6	31.1	27.2	32.0	16.2	9.6	10.1	9.1	4.7
M.A	**990.5**	**388.2**	**224.2**	**60.2**	**32.2**	**31.7**	**33.1**	**16.9**	**9.1**	**13.4**	**8.9**	**8.0**
NY	975.2	388.2	216.0	56.4	31.0	30.3	36.7	17.3	7.6	15.2	8.8	10.7
NJ	939.7	361.6	224.2	58.1	29.8	28.3	28.6	19.1	7.6	13.7	8.4	5.3
PA	1,045.9	405.2	236.5	67.1	35.7	35.9	30.6	21.1	12.2	10.4	9.5	5.6
E.N.C	**898.3**	**345.5**	**200.5**	**63.9**	**34.1**	**32.1**	**29.5**	**16.6**	**11.7**	**10.2**	**10.8**	**7.9**
OH	927.8	356.8	211.7	64.1	32.0	35.0	28.0	19.0	11.6	9.4	10.5	5.2
IN	897.1	332.7	202.5	71.2	37.2	35.9	26.8	17.8	11.7	7.8	11.4	5.5
IL	894.9	347.2	199.3	61.4	34.3	29.6	31.9	14.9	11.0	11.5	8.5	9.9
MI	877.8	342.5	189.6	59.4	35.1	31.5	27.5	16.4	12.3	12.3	13.3	12.2
WI	880.5	336.3	196.7	69.4	32.7	28.5	33.6	14.8	12.5	7.8	11.6	3.5
W.N.C	**917.4**	**332.7**	**198.3**	**72.7**	**40.5**	**33.7**	**35.7**	**15.7**	**13.5**	**7.4**	**12.6**	**5.0**
MN	832.7	288.0	182.1	73.7	34.8	27.5	35.6	14.6	12.8	7.2	11.5	2.6
IA	949.7	362.9	205.6	78.2	36.8	36.8	38.2	15.6	12.9	6.6	17.9	2.2
MO	990.9	358.6	213.7	71.3	46.7	37.4	34.2	17.0	14.2	7.9	9.7	9.8
ND	778.9	278.5	177.3	59.6	33.9	27.7	32.4	13.0	10.8	6.9	14.4	1.3
SD	929.2	353.4	203.2	75.6	43.1	31.4	38.4	14.8	14.3	8.9	10.7	4.2
NE	918.5	333.7	196.9	73.7	40.2	31.7	36.9	17.9	14.3	7.3	15.3	3.2
KS	906.8	328.8	190.8	69.5	43.2	36.7	35.6	15.0	13.6	7.2	12.4	5.0
S.A	**909.3**	**323.1**	**205.1**	**67.7**	**43.9**	**32.5**	**26.2**	**15.7**	**13.7**	**11.2**	**8.5**	**10.6**
DE	889.6	325.6	210.7	43.1	39.5	29.4	25.1	25.0	13.3	13.7	8.5	5.7
MD	837.4	295.0	202.0	51.8	33.9	26.9	23.8	15.6	12.2	8.8	6.0	9.5
DC	1,165.4	348.0	266.6	65.6	29.4	23.4	38.2	22.9	12.0	32.5	8.2	28.2
VA	802.7	276.0	186.9	61.3	39.3	28.1	27.6	12.1	14.1	8.6	9.1	7.8
WV	1,036.4	403.6	224.8	70.9	45.1	45.4	33.8	20.9	14.2	10.7	10.0	6.2
NC	862.6	306.2	183.1	70.9	50.2	28.8	28.4	14.9	12.2	10.0	8.9	9.3
SC	832.3	292.8	171.0	72.4	55.2	25.9	24.7	16.1	11.4	9.2	7.4	9.6
GA	809.0	275.1	168.6	68.3	46.7	28.2	24.8	14.0	13.0	9.3	6.2	12.8
FL	1,056.1	385.3	249.4	74.3	42.8	41.5	24.5	16.8	16.0	14.4	10.3	12.4
E.S.C	**929.0**	**332.0**	**198.7**	**73.2**	**51.4**	**34.5**	**28.5**	**15.8**	**12.8**	**8.4**	**9.3**	**10.4**
KY	934.5	343.6	202.8	70.6	45.9	41.5	33.3	16.6	14.2	8.2	9.5	7.1
TN	921.9	303.6	197.7	74.9	50.7	34.6	30.2	13.9	12.9	7.9	8.5	10.8
AL	931.3	319.7	201.9	73.9	54.2	33.2	23.7	17.8	12.4	8.8	11.3	11.4
MS	931.0	337.3	190.0	72.9	56.3	26.4	26.1	15.3	11.1	9.1	7.4	13.1
W.S.C	**778.1**	**271.0**	**164.3**	**57.0**	**43.7**	**24.2**	**23.4**	**13.5**	**13.9**	**8.1**	**8.3**	**13.0**
AR	1,010.9	383.5	214.1	83.9	52.1	32.4	33.0	14.2	13.5	6.3	8.8	9.7
LA	808.5	283.2	179.1	57.3	44.8	22.5	20.5	18.4	14.2	8.4	9.7	13.8
OK	905.9	331.4	193.2	74.4	44.3	31.5	32.2	15.2	14.6	8.5	11.8	9.1
TX	711.5	239.8	147.5	49.6	42.1	22.0	21.0	11.7	13.6	8.2	7.1	14.1
Mt	**694.8**	**219.2**	**149.3**	**43.7**	**45.6**	**36.1**	**24.4**	**12.8**	**18.7**	**10.3**	**7.9**	**8.1**
MT	826.7	269.4	179.1	60.5	50.3	42.5	28.5	13.3	21.7	9.4	10.8	5.0
ID	737.3	239.1	158.8	59.3	52.7	37.2	20.9	12.5	17.7	6.6	8.1	3.7
WY	634.7	195.3	127.2	39.1	51.7	34.9	23.7	11.6	19.1	7.5	6.5	5.5
CO	637.2	197.7	133.4	40.1	38.4	34.9	26.4	10.6	17.6	9.5	10.7	7.3
NM	683.8	193.4	140.7	38.3	55.6	34.6	23.3	16.3	19.4	14.8	6.4	13.6
AZ	779.8	248.2	177.7	43.9	50.2	42.6	25.7	14.2	19.3	11.4	8.1	10.1
UT	537.2	177.6	98.4	39.1	36.3	21.8	21.4	13.3	14.7	5.3	4.6	3.3
NV	766.3	254.4	183.7	43.3	40.3	39.1	20.0	9.2	24.1	17.6	4.0	12.1
Pac	**751.9**	**251.9**	**172.0**	**56.1**	**40.2**	**32.1**	**27.2**	**11.8**	**14.8**	**13.4**	**8.9**	**10.2**
WA	767.5	260.3	177.2	57.4	37.0	37.8	24.8	14.7	15.3	9.3	10.2	5.2
OR	865.3	290.7	194.7	70.8	45.7	39.8	27.7	12.3	16.7	11.0	14.8	6.5
CA	752.9	252.6	172.1	55.9	40.2	31.4	28.1	11.2	14.7	14.7	8.5	11.6
AK	392.9	89.1	83.1	16.0	68.0	11.7	6.2	5.3	14.8	6.0	1.9	8.3
HI	551.5	179.1	133.2	37.9	25.6	17.0	21.4	15.5	10.0	6.3	3.0	5.2

[1] Includes other causes not shown separately. [2] Includes allied conditions.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual.

No. 119. Acquired Immunodeficiency Syndrome (AIDS) Deaths, by Selected Characteristics: 1982 to 1988

[Data are shown by year of death and are subject to retrospective changes. For data on AIDS cases reported, see table 187. Based on reporting by State health departments]

Characteristic	Number								Percent distribution	
	Total [1]	1982	1983	1984	1985	1986	1987	1988	Total	1988
Total [2]	**51,611**	**434**	**1,416**	**3,196**	**6,242**	**10,620**	**13,933**	**15,463**	**100.0**	**100.0**
Age:										
Under 5 years old	703	12	28	43	90	115	200	202	1.4	1.3
5–12 years old	128	1	1	4	12	25	44	41	.2	.3
13–29 years old	10,311	87	310	666	1,254	2,119	2,757	3,058	20.0	19.8
30–39 years old	23,088	204	620	1,434	2,815	4,813	6,223	6,838	44.7	44.2
40–49 years old	11,085	82	316	689	1,306	2,273	2,962	3,397	21.5	22.0
50–59 years old	4,253	40	123	271	542	851	1,130	1,268	8.2	8.2
60 years old and over	2,043	8	18	89	223	424	617	659	4.0	4.3
Sex:										
Male	46,848	392	1,302	2,943	5,769	9,714	12,578	13,886	90.8	89.8
Female	4,763	42	114	253	473	906	1,355	1,577	9.2	10.2
Race/ethnicity:										
White, non-Hispanic	29,705	212	757	1,852	3,708	6,301	7,900	8,827	57.6	57.1
Black, non-Hispanic	14,749	150	447	872	1,665	2,812	4,074	4,618	28.6	29.9
Hispanic	6,720	71	207	448	829	1,425	1,835	1,860	13.0	12.0

[1] Includes deaths prior to 1982. [2] Includes other race/ethnicity groups not shown separately.

Source: U.S. Centers for Disease Control, Atlanta, GA, unpublished data.

No. 120. Death Rates From Heart Disease, by Sex, Age, and Selected Type: 1960 to 1986

[**Deaths per 100,000 population in specified age groups.** Beginning 1970, excludes deaths of nonresidents of the United States. Beginning 1979, deaths classified according to the ninth revision of the *International Classification of Diseases*. For earlier years, classified according to the revision in use at the time; see text, section 2. See Appendix III]

Age at death and selected type of heart disease	Male					Female				
	1960	1970	1980	1985	1986	1960	1970	1980	1985	1986
Total U.S. rate [1]	**439.5**	**422.5**	**368.6**	**342.8**	**333.1**	**300.6**	**304.6**	**305.1**	**304.3**	**302.7**
25–34 years	20.1	15.2	11.4	11.5	11.8	11.3	7.7	5.3	5.0	5.5
35–44 years	112.7	103.2	68.7	58.4	58.0	38.2	32.2	21.4	18.3	17.7
45–54 years	420.4	376.4	282.6	236.9	221.4	127.5	109.9	84.5	73.8	72.1
55–64 years	1,066.9	987.2	746.8	651.9	627.1	429.4	351.6	272.1	250.3	244.1
65 years old and over	3,314.7	3,258.0	2,778.6	2,519.3	2,429.3	2,415.6	2,268.2	2,027.5	1,938.0	1,913.0
65–74 years	2,291.3	2,170.3	1,728.0	1,508.4	1,446.7	1,261.3	1,082.7	828.6	745.3	724.2
75–84 years	4,742.4	4,534.8	3,834.3	3,498.0	3,375.8	3,582.7	3,120.8	2,497.0	2,245.2	2,196.9
85 years old and over	9,788.9	8,426.2	8,752.7	8,123.7	7,911.5	9,016.8	7,591.8	7,350.5	6,935.7	6,889.3
Persons 45–54 years old:										
Ischemic heart	347.1	338.0	217.3	169.9	154.9	72.4	84.0	52.2	43.3	40.2
Rheumatic heart	19.9	11.4	3.1	1.9	1.6	19.5	10.6	4.3	2.7	2.6
Hypertensive heart [2]	23.9	4.6	8.3	8.4	7.9	21.5	4.0	5.4	4.6	4.6
Persons 55–64 years old:										
Ischemic heart	885.2	904.6	581.1	474.6	446.0	295.6	299.1	189.0	163.3	156.3
Rheumatic heart	29.0	21.5	6.2	4.2	4.2	28.4	20.8	9.2	6.3	5.8
Hypertensive heart [2]	71.2	11.7	21.8	19.6	18.6	63.9	9.1	13.3	12.2	11.4
Persons 65–74 years old:										
Ischemic heart	1,863.2	2,010.0	1,355.5	1,110.8	1,040.4	914.8	978.0	605.3	514.1	491.0
Rheumatic heart	31.0	31.9	11.8	8.6	7.9	31.2	30.2	18.6	13.3	12.9
Hypertensive heart [2]	174.3	30.6	44.3	38.2	36.6	175.4	24.8	36.2	29.0	27.7
Persons 75–84 years old:										
Ischemic heart	3,636.6	4,222.7	2,953.7	2,544.9	2,402.2	2,502.5	2,866.3	1,842.7	1,547.5	1,488.6
Rheumatic heart	35.2	34.8	16.7	14.7	14.1	37.9	34.3	25.4	24.1	23.8
Hypertensive heart [2]	401.2	80.8	90.7	79.5	72.6	488.3	83.9	101.1	80.4	76.8
Persons 85 years old and over:										
Ischemic heart	6,930.6	7,781.5	6,501.6	5,658.9	5,376.7	6,009.4	6,951.5	5,280.6	4,642.8	4,500.5
Rheumatic heart	46.1	34.7	19.5	17.7	18.7	58.0	39.2	25.8	27.2	28.5
Hypertensive heart [2]	858.2	182.0	180.3	150.7	134.8	1,064.8	223.5	250.8	213.9	210.6

[1] Includes persons under 25 years old, not shown separately. [2] With or without renal disease.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

No. 121. Death Rates From Cancer, by Sex, Age, and Selected Type: 1960 to 1986

[Deaths per 100,000 population in the specified age groups. See headnote, table 120]

Age at death and selected type of cancer	Male					Female				
	1960	1970	1980	1985	1986	1960	1970	1980	1985	1986
Total U.S. rate [1]	**162.5**	**182.1**	**205.3**	**212.6**	**213.5**	**136.4**	**144.4**	**163.6**	**175.1**	**176.9**
25–34 years	18.8	16.3	13.4	13.0	13.4	20.1	16.7	14.0	13.1	12.8
35–44 years	48.9	53.0	44.0	42.3	40.8	70.0	65.6	53.1	49.1	49.7
45–54 years	170.8	183.5	188.7	174.5	171.0	183.0	181.5	171.8	164.0	160.7
55–64 years	459.9	511.8	520.8	531.1	524.2	337.7	343.2	361.7	379.1	373.6
65 years old and over	1,066.2	1,221.2	1,371.6	1,389.8	1,395.6	709.1	708.3	767.8	813.8	825.6
65–74 years	890.5	1,006.8	1,093.2	1,085.6	1,086.9	560.2	557.9	607.1	644.6	657.6
75–84 years	1,389.4	1,588.3	1,790.5	1,840.2	1,845.6	924.1	891.9	903.1	948.3	954.2
85 years old and over	1,741.2	1,720.8	2,369.5	2,413.7	2,459.5	1,263.9	1,096.7	1,255.7	1,262.9	1,277.2
Persons, 35–44 years old:										
Respiratory, intrathoracic	11.4	17.0	12.6	10.6	9.8	3.4	6.5	6.8	5.8	6.0
Digestive organs, peritoneum	12.5	11.4	9.5	9.0	9.0	10.8	8.6	6.5	5.8	5.6
Breast	.1	.1	–	.1	.1	20.2	20.4	17.9	17.5	18.3
Genital organs	1.6	1.4	.7	.7	.6	19.4	13.6	8.3	7.1	7.2
Lymphatic and hematopoietic tissues, excl. leukemia	5.9	5.6	4.3	4.6	4.7	3.7	3.2	2.4	2.3	2.2
Urinary organs	2.0	1.9	1.4	1.6	1.3	.8	1.0	.6	.9	.7
Lip, oral cavity, and pharynx	1.5	1.7	1.8	1.4	1.4	.7	.7	.5	.6	.4
Leukemia	3.7	3.4	3.2	3.0	2.8	2.7	2.8	2.6	2.1	2.2
Persons, 45–54 years old:										
Respiratory, intrathoracic	54.7	72.1	79.8	70.7	69.4	10.1	22.2	34.8	35.9	35.1
Digestive organs, peritoneum	53.2	45.9	44.3	41.7	40.1	38.9	32.5	27.8	25.7	25.4
Breast	.2	.4	.2	.3	.2	51.4	52.6	48.1	46.7	45.4
Genital organs	4.0	3.4	3.4	3.1	2.9	44.8	34.4	24.1	20.4	20.1
Lymphatic and hematopoietic tissues, excl. leukemia	11.6	12.8	10.2	10.0	10.3	7.1	8.3	6.6	6.4	6.4
Urinary organs	8.3	8.0	7.4	7.5	7.3	3.5	3.5	3.3	3.0	3.1
Lip, oral cavity, and pharynx	7.9	7.9	8.2	6.8	6.5	2.8	2.8	2.6	2.0	2.1
Leukemia	7.2	6.6	6.2	5.7	5.5	5.3	4.9	4.4	4.3	4.2
Persons, 55–64 years old:										
Respiratory, intrathoracic	150.2	202.3	223.8	231.1	229.2	17.0	38.9	74.5	93.9	94.4
Digestive organs, peritoneum	153.7	139.0	129.3	129.3	126.6	102.2	86.0	79.1	74.7	72.7
Breast	1.0	.6	.7	.6	.5	70.8	77.6	80.5	83.6	80.9
Genital organs	23.5	22.8	23.5	24.3	25.2	73.0	58.2	46.8	42.8	42.4
Lymphatic and hematopoietic tissues, excl. leukemia	23.1	27.1	24.4	25.0	23.9	15.7	17.7	16.8	17.5	16.5
Urinary organs	25.9	26.4	22.9	22.2	21.8	9.3	9.4	8.9	8.5	9.2
Lip, oral cavity, and pharynx	16.3	20.1	17.9	15.8	15.5	3.8	6.2	6.0	5.4	5.6
Leukemia	16.1	15.4	14.7	14.6	14.1	10.6	9.0	9.3	9.2	9.0
Persons, 65–74 years old:										
Respiratory, intrathoracic	221.7	340.7	422.0	424.8	423.2	26.2	45.6	106.1	145.1	152.0
Digestive organs, peritoneum	334.9	293.3	284.1	272.7	268.6	218.0	185.8	173.6	162.7	162.5
Breast	1.2	1.4	1.1	1.0	1.1	90.0	93.8	101.1	107.7	109.9
Genital organs	102.1	103.7	107.6	108.3	112.5	97.9	85.6	73.6	71.2	71.9
Lymphatic and hematopoietic tissues, excl. leukemia	37.9	50.3	48.1	52.2	55.4	24.5	34.6	34.4	36.6	38.3
Urinary organs	57.2	60.3	56.9	51.1	49.7	21.6	20.1	19.7	19.7	19.0
Lip, oral cavity, and pharynx	26.5	26.8	25.4	23.7	22.2	6.2	6.7	8.8	8.6	8.6
Leukemia	34.0	35.3	35.3	34.0	34.0	20.2	19.3	18.7	19.2	18.3
Persons, 75–84 years old:										
Respiratory, intrathoracic	188.5	354.2	511.5	559.0	567.9	36.5	56.5	98.0	137.2	146.3
Digestive organs, peritoneum	559.5	507.5	496.6	476.2	465.3	422.9	353.3	326.3	312.2	303.1
Breast	1.7	2.7	2.1	2.3	1.8	129.9	127.4	126.4	137.7	136.2
Genital organs	285.9	299.4	315.4	321.4	324.4	119.1	104.9	95.7	93.8	91.0
Lymphatic and hematopoietic tissues, excl. leukemia	43.9	74.0	80.0	92.8	93.9	31.4	49.4	57.8	64.2	67.2
Urinary organs	98.6	112.2	112.4	106.2	105.8	45.5	44.0	37.4	36.8	39.1
Lip, oral cavity, and pharynx	40.5	36.6	31.4	27.6	26.4	11.8	10.8	10.9	10.0	10.4
Leukemia	56.5	68.3	71.5	70.1	71.6	35.5	39.6	38.5	38.5	37.6
Persons, 85 years old and over:										
Respiratory, intrathoracic	132.2	215.3	386.3	450.2	472.9	45.2	56.5	96.3	102.7	113.0
Digestive organs, peritoneum	676.6	583.7	705.8	656.8	665.0	601.4	465.0	504.3	490.4	482.1
Breast	2.5	2.9	2.6	3.9	3.1	191.9	157.1	169.3	175.9	180.0
Genital organs	468.2	434.2	612.3	605.0	637.5	131.4	107.3	115.9	104.6	108.4
Lymphatic and hematopoietic tissues, excl. leukemia	40.9	58.1	93.2	113.1	110.8	25.2	41.7	63.0	72.6	77.1
Urinary organs	120.4	140.5	177.0	182.7	174.8	66.3	59.9	63.8	62.3	62.0
Lip, oral cavity, and pharynx	60.7	47.0	40.2	32.2	37.0	18.2	19.2	16.0	15.8	17.2
Leukemia	64.9	83.3	117.1	113.1	109.3	35.6	50.9	61.1	63.0	61.3

– Represents or rounds to zero. [1] Includes persons under 25 years of age and malignant neoplasms of other and unspecified sites, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual; and unpublished data.

No. 122. Death Rates From Accidents and Violence: 1970 to 1987

[**Rates are per 100,000 population.** Excludes deaths of nonresidents of the U.S. Beginning 1979, deaths classified according to the ninth revision of the *International Classification of Diseases*. For earlier years, classified according to the revision in use at the time; see text, section 2. See Appendix III]

Cause of death and age	White						Black					
	Male			Female			Male			Female		
	1970	1980	1987	1970	1980	1987	1970	1980	1987	1970	1980	1987
Total [1]	**101.9**	**97.1**	**83.6**	**42.4**	**36.3**	**33.2**	**183.2**	**154.0**	**129.8**	**51.7**	**42.6**	**37.9**
Motor vehicle accidents	39.1	35.9	28.8	14.8	12.8	11.9	44.3	31.1	27.7	13.4	8.3	8.6
All other accidents	38.2	30.4	24.8	18.3	14.4	12.6	63.3	46.0	37.2	22.5	18.6	14.4
Suicide	18.0	19.9	22.1	7.1	5.9	5.7	8.0	10.3	11.6	2.6	2.2	2.1
Homicide	6.8	10.9	7.9	2.1	3.2	3.0	67.6	66.6	53.3	13.3	13.5	12.6
15–24 years old	130.7	138.6	[2] 118.8	34.9	37.3	[2] 34.3	234.3	162.0	[2] 147.6	45.5	35.0	[2] 31.8
25–34 years old	96.6	118.4	[2] 102.5	23.8	29.0	[2] 25.9	384.4	256.9	[2] 207.6	76.0	49.4	[2] 44.8
35–44 years old	85.7	94.1	[2] 80.6	25.8	29.2	[2] 25.2	345.2	218.1	[2] 179.9	77.2	43.2	[2] 35.7
45–54 years old	87.5	90.8	[2] 78.6	30.4	31.8	[2] 26.9	303.3	207.3	[2] 148.9	65.5	40.2	[2] 30.9
55–64 years old	101.5	92.3	[2] 82.1	36.3	33.8	[2] 29.9	242.4	168.5	[2] 133.8	56.0	47.3	[2] 41.4
65 years old and over	216.9	163.9	[2] 155.4	122.4	87.2	[2] 81.7	220.0	215.8	[2] 187.1	107.9	102.9	[2] 81.2
65–74 years old	128.0	116.7	[2] 105.7	57.7	46.4	[2] 44.4	217.4	182.2	[2] 146.1	81.5	68.7	[2] 54.8
75–84 years old	229.3	209.2	[2] 204.3	149.0	101.5	[2] 94.4	236.0	261.4	[2] 240.9	140.1	137.5	[2] 95.9
85 years old and over	466.7	438.5	[2] 428.8	391.4	268.1	[2] 222.9	271.8	379.2	[2] 364.2	214.3	235.7	[2] 193.8

[1] Includes persons under 15 years old, not shown separately. [2] Data are for 1985.

No. 123. Deaths and Death Rates from Accidents, by Type: 1970 to 1986

[See headnote, table 122; and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series B 163–165]

Type of accident	Deaths					Rate				
	1970	1980	1984	1985	1986	1970	1980	1984	1985	1986
Accidents and adverse effects	**114,638**	**105,718**	**92,911**	**93,457**	**95,277**	**56.4**	**46.7**	**39.3**	**39.1**	**39.5**
Motor-vehicle accidents	54,633	53,172	46,263	45,901	47,865	26.9	23.5	19.6	19.2	19.9
Traffic	53,493	51,930	45,208	44,822	46,867	26.3	22.9	19.1	18.8	19.4
Nontraffic	1,140	1,242	1,055	1,079	998	.6	.5	.4	.5	.4
Water-transport accidents	1,651	1,429	1,131	1,111	1,102	.8	.6	.5	.5	.5
Air and space transport accidents	1,612	1,494	1,234	1,428	1,148	.8	.7	.5	.6	.5
Railway accidents	852	632	570	551	556	.4	.3	.2	.2	.2
Accidental falls	16,926	13,294	11,937	12,001	11,444	8.3	5.9	5.0	5.0	4.7
Fall from one level to another	4,798	3,743	3,269	3,365	3,234	2.4	1.7	1.4	1.4	1.3
Fall on the same level	828	415	436	411	394	.4	.2	.2	.2	.2
Fracture, cause unspecified, and other and unspecified falls	11,300	9,136	8,232	8,225	7,816	5.6	4.0	3.5	3.4	3.2
Accidental drowning	6,391	6,043	4,444	4,407	4,777	3.1	2.7	1.9	1.8	2.0
Accidents caused by—										
Fires and flames	6,718	5,822	5,010	4,938	4,835	3.3	2.6	2.1	2.1	2.0
Firearms	2,406	1,955	1,668	1,649	1,452	1.2	.9	.7	.7	.6
Electric current	1,140	1,095	888	802	854	.6	.5	.4	.3	.4
Accidental poisoning by—										
Drugs and medicines	2,505	2,492	3,266	3,612	4,187	1.2	1.1	1.4	1.5	1.7
Other solid and liquid substances	1,174	597	542	479	544	.6	.3	.2	.2	.2
Gases and vapors	1,620	1,242	1,103	1,079	1,009	.8	.5	.5	.5	.4
Complications due to medical procedures	3,581	2,437	2,628	2,852	3,069	1.8	1.1	1.1	1.2	1.3
Inhalation and ingestion of objects	2,753	3,249	3,541	3,551	3,692	1.4	1.4	1.5	1.5	1.5
All other accidents	10,676	10,765	8,686	9,096	8,743	5.2	4.7	3.7	3.8	3.6

No. 124. Suicides, by Sex and Method Used: 1970 to 1986

[Excludes deaths of nonresidents of the United States. Beginning 1979, deaths classified according to the ninth revision of the *International Classification of Diseases*. For earlier years, classified according to the revision in use at the time; see text, section 2. See also *Historical Statistics, Colonial Times to 1970*, series H 979–986]

Method	Male							Female						
	1970	1975	1980	1983	1984	1985	1986	1970	1975	1980	1983	1984	1985	1986
Total	**16,629**	**19,622**	**20,505**	**21,786**	**22,689**	**23,145**	**24,226**	**6,851**	**7,441**	**6,364**	**6,509**	**6,597**	**6,308**	**6,678**
Firearms [1]	9,704	12,185	12,937	13,959	14,504	14,809	15,518	2,068	2,688	2,459	2,641	2,609	2,554	2,635
Percent of total	58.4	62.1	63.1	64.1	63.9	64.0	64.1	30.2	36.1	38.6	40.6	39.5	40.5	39.5
Poisoning [2]	3,299	3,297	2,997	3,148	3,203	3,319	3,516	3,285	3,129	2,456	2,469	2,406	2,385	2,520
Hanging and strangulation [3]	2,422	2,815	2,997	3,222	3,478	3,532	3,761	831	846	694	709	863	732	845
Other [4]	1,204	1,325	1,574	1,457	1,504	1,485	1,431	667	778	755	690	719	637	678

[1] Includes explosives through 1975. [2] Includes solids, liquids, and gases. [3] Includes suffocation.
[4] Beginning 1980, includes explosives.

Source of tables 122–124: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

No. 125. Suicide Rates, by Sex, Race, and Age Group: 1970 to 1986

[See headnote, tables 117 and 122]

AGE	TOTAL [1]			MALE						FEMALE					
				White			Black			White			Black		
	1970	1980	1986	1970	1980	1986	1970	1980	1986	1970	1980	1986	1970	1980	1986
All ages [2]	**11.6**	**11.9**	**12.8**	**18.0**	**19.9**	**22.3**	**8.0**	**10.3**	**11.1**	**7.1**	**5.9**	**5.9**	**2.6**	**2.2**	**2.3**
10–14 years old	.6	.8	1.5	1.1	1.4	2.4	.3	.5	1.5	.3	.3	.7	.4	.1	.4
15–19 years old	5.9	8.5	10.2	9.4	15.0	18.2	4.7	5.6	7.1	2.9	3.3	4.1	2.9	1.6	2.1
20–24 years old	12.2	16.1	15.8	19.3	27.8	28.4	18.7	20.0	16.0	5.7	5.9	5.3	4.9	3.1	2.4
25–34 years old	14.1	16.0	15.7	19.9	25.6	26.4	19.2	21.8	21.3	9.0	7.5	6.2	5.7	4.1	3.8
35–44 years old	16.9	15.4	15.2	23.3	23.5	23.9	12.6	15.6	17.5	13.0	9.1	8.3	3.7	4.6	2.8
45–54 years old	20.0	15.9	16.4	29.5	24.2	26.3	13.8	12.0	12.8	13.5	10.2	9.6	3.7	2.8	3.2
55–64 years old	21.4	15.9	17.0	35.0	25.8	28.7	10.6	11.7	9.9	12.3	9.1	9.0	2.0	2.3	4.2
65 years and over	20.8	17.8	21.5	41.1	37.5	45.6	8.7	11.4	16.2	8.5	6.5	7.5	2.6	1.4	2.4
65–74 years old	20.8	16.9	19.7	38.7	32.5	37.6	8.7	11.1	16.1	9.6	7.0	7.7	2.9	1.7	2.8
75–84 years old	21.2	19.1	25.2	45.5	45.5	58.9	8.9	10.5	16.0	7.2	5.7	8.0	1.7	1.4	2.6
85 years and over	19.0	19.2	20.8	45.8	52.8	66.3	8.7	18.9	17.9	5.8	5.8	5.0	2.8	–	–

– Represents or rounds to zero. [1] Includes other races not shown separately. [2] Includes other age groups not shown separately.

No. 126. Marriages and Divorces: 1960 to 1986

[See also *Historical Statistics, Colonial Times to 1970,* series B 214–217]

YEAR	MARRIAGES [1]						DIVORCES AND ANNULMENTS		
	Number (1,000)	Rate per 1,000 population					Number (1,000)	Rate per 1,000 population	
		Total	Men 15 years old and over	Women 15 years old and over	Unmarried women			Total	Married women 15 yrs. old and over
					15 years old and over	15–44 years old			
1960	1,523	8.5	25.4	24.0	73.5	148.0	393	2.2	9.2
1965	1,800	9.3	27.9	26.0	75.0	144.3	479	2.5	10.6
1970	2,159	10.6	31.1	28.4	76.5	140.2	708	3.5	14.9
1975	2,153	10.0	27.9	25.6	66.9	118.5	1,036	4.8	20.3
1980	2,390	10.6	28.5	26.1	61.4	102.6	1,189	5.2	22.6
1981	2,422	10.6	28.4	26.1	61.7	103.1	1,213	5.3	22.6
1982	2,456	10.6	28.4	26.1	61.4	101.9	1,170	5.0	21.7
1983	2,446	10.5	28.0	25.7	59.9	99.3	1,158	4.9	21.3
1984	2,477	10.5	28.1	25.8	59.5	99.0	1,169	5.0	21.5
1985	2,413	10.1	26.9	24.8	57.0	94.9	1,190	5.0	21.7
1986	2,407	10.0	26.5	24.5	56.2	93.9	1,178	4.9	21.2

[1] Beginning 1980, includes nonlicensed marriages registered in California.

No. 127. Percent Distribution of Marriages, by Marriage Order: 1970 to 1985

[Beginning 1978, excludes Iowa. Excludes marriages with marriage order not stated. See headnote, table 126]

MARRIAGE ORDER	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
First marriage of bride and groom	68.6	60.1	57.1	56.4	56.2	54.7	54.8	54.4	54.4	54.3
First marriage of bride, remarriage of groom	7.6	9.9	11.1	11.2	11.3	11.8	11.6	11.6	11.5	11.5
Remarriage of bride, first marriage of groom	7.3	8.6	9.3	9.5	9.8	10.1	10.3	10.5	10.7	10.9
Remarriage of bride and groom	16.5	21.3	22.5	22.9	22.7	23.4	23.3	23.5	23.4	23.4

Source of tables 125–127: U.S. National Center for Health Statistics, *Vital Statistics of the United States,* annual; *Monthly Vital Statistics Report;* and unpublished data.

No. 128. Percent Distribution of Marriages by Age, Sex, and Previous Marital Status: 1975 to 1986

[Data cover marriage registration area; see text, section 2. Based on a sample and subject to sampling variability; for details, see source]

SEX AND PREVIOUS MARITAL STATUS	Total	Under 20 years old	20–24 years old	25–29 years old	30–34 years old	35–44 years old	45–64 years old	65 years old and over
WOMEN								
All marriages: [1]								
1975	100.0	29.2	36.1	14.4	6.7	6.7	6.0	1.0
1980	100.0	21.1	37.1	18.7	9.3	7.8	5.0	1.0
1985	100.0	13.9	34.4	22.1	12.0	11.1	5.4	1.0
1986	100.0	13.1	33.0	23.1	12.6	11.6	5.6	1.0
First marriages: [2]								
1975	100.0	40.4	44.1	10.6	2.6	1.4	.8	.1
1980	100.0	30.4	47.3	16.0	4.0	1.6	.6	.1
1985	100.0	20.8	46.3	22.4	6.9	2.8	.6	.1
1986	100.0	19.6	44.8	24.0	7.7	3.1	.7	.1
Remarriages: [2] [3]								
1975	100.0	2.6	17.2	23.4	16.3	19.3	18.1	3.1
1980	100.0	1.7	15.3	24.4	20.6	20.8	14.3	2.9
1985	100.0	.9	11.1	21.6	21.9	27.1	14.6	2.9
1986	100.0	.9	10.4	21.3	22.0	27.8	14.9	2.8
Previously divorced: [4] 1985	100.0	.9	12.0	23.2	23.5	28.4	11.2	.6
1986	100.0	.8	11.1	22.8	23.7	29.1	11.8	.7
MEN								
All marriages: [1]								
1975	100.0	13.0	38.8	20.3	9.1	8.9	8.1	1.9
1980	100.0	8.5	35.7	23.8	12.3	10.5	7.4	1.8
1985	100.0	5.3	30.1	26.2	14.4	14.0	8.2	1.9
1986	100.0	5.0	28.8	26.5	15.0	14.6	8.4	1.9
First marriages: [2]								
1975	100.0	18.7	52.2	19.9	5.0	2.6	1.4	.1
1980	100.0	12.7	50.0	25.7	7.5	2.9	1.1	.1
1985	100.0	8.1	43.4	31.5	11.0	4.7	1.1	.1
1986	100.0	7.6	41.6	32.4	12.1	5.1	1.1	.1
Remarriages: [2] [3]								
1975	100.0	.3	9.1	21.1	18.0	22.7	22.9	5.7
1980	100.0	.2	7.2	20.1	21.9	25.6	20.0	5.1
1985	100.0	.1	4.9	16.0	20.6	31.6	21.6	5.2
1986	100.0	.2	4.6	15.4	20.4	32.4	21.9	5.2
Previously divorced: [4] 1985	100.0	.1	5.3	17.4	22.3	33.7	19.6	1.6
1986	100.0	.1	4.8	16.4	21.9	35.0	20.1	1.6

[1] Includes marriage order not stated. [2] Excludes data for Iowa. [3] Includes remarriages of previously widowed.
[4] Excludes remarriages in Michigan, Ohio, and South Carolina.

No. 129. Marriage Rates and Median Age of Bride and Groom by Previous Marital Status: 1970 to 1986

[Data cover marriage registration area; see text, section 2. Beginning 1977, excludes Iowa. Figures for previously divorced and previously widowed exclude data for Michigan and Ohio for all years, for South Carolina beginning 1975, and for the District of Columbia for 1970. Based on a sample and subject to sampling variability; for details, see source. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series A 158–159]

YEAR	MARRIAGE RATES [1]						MEDIAN AGE AT MARRIAGE (years)					
	Women			Men			Women			Men		
	Single	Divorced	Widowed	Single	Divorced	Widowed	First marriage	Remarriage: Divorced	Remarriage: Widowed	First marriage	Remarriage: Divorced	Remarriage: Widowed
1970	93.4	123.3	10.2	80.4	204.5	40.6	20.6	30.1	51.2	22.5	34.5	58.7
1975	75.9	117.2	8.3	61.5	189.8	40.4	20.8	30.2	52.4	22.7	33.6	59.4
1976	72.0	111.3	7.9	58.2	185.0	37.6	21.0	30.1	53.0	22.9	33.7	60.0
1977	69.2	107.3	7.6	56.7	173.4	35.3	21.1	30.2	53.1	23.0	33.6	60.1
1978	68.2	105.0	7.1	56.4	168.6	32.7	21.4	30.5	52.6	23.2	33.8	59.7
1979	67.8	104.0	7.7	56.3	165.6	35.3	21.6	30.8	55.2	23.4	33.9	61.7
1980	66.0	91.3	6.7	54.7	142.1	32.2	21.8	31.0	53.6	23.6	34.0	61.2
1981	64.9	96.3	6.5	53.8	150.8	30.8	22.0	31.2	53.6	23.9	34.4	61.0
1982	66.0	94.4	6.1	53.1	146.9	32.1	22.3	31.6	54.1	24.1	34.9	61.7
1983	63.8	91.6	6.2	51.8	142.1	30.7	22.5	32.0	54.0	24.4	35.3	62.0
1984	63.5	87.3	5.8	51.6	132.7	28.7	22.8	32.5	54.2	24.6	35.9	62.4
1985	61.5	81.8	5.7	50.1	121.6	27.7	23.0	32.8	54.6	24.8	36.1	62.7
1986	59.7	79.5	5.5	49.1	117.8	26.8	23.3	33.1	54.3	25.1	36.6	62.9

[1] Rate per 1,000 population 15 years old and over in specified group.

Source of tables 128 and 129: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; *Monthly Vital Statistics Report*; and unpublished data.

No. 130. Marriages—Age Differences of Bride and Groom, by Age: 1985

[**In percent, except as indicated.** Data cover marriage-registration area; see text, section 2. Based on a sample and subject to sampling variability; for details, see source]

Age of bride	Percent distribution: Total	Groom older than bride	Groom same age as bride	Bride older than groom	Average number of years groom older than bride
Total	**100.0**	**67.1**	**10.8**	**22.1**	**5.3**
15–19 years old	100.0	87.0	9.7	3.4	4.1
20–24 years old	100.0	72.7	14.2	13.0	4.5
20 years old	100.0	79.4	12.4	8.2	4.2
21 years old	100.0	76.7	13.1	10.2	4.3
22 years old	100.0	71.9	15.7	12.4	4.4
23 years old	100.0	68.4	15.5	16.1	4.7
24 years old	100.0	67.5	14.2	18.3	4.8
25–29 years old	100.0	61.3	11.5	27.2	5.6
25 years old	100.0	64.8	13.2	21.9	5.1
26 years old	100.0	62.9	11.7	25.4	5.5
27 years old	100.0	60.8	11.5	27.7	5.8
28 years old	100.0	59.1	10.2	30.7	5.9
29 years old	100.0	56.8	9.7	33.7	6.2
30–34 years old	100.0	54.3	7.9	37.9	6.6
35–39 years old	100.0	52.8	6.4	40.8	7.4
40–44 years old	100.0	55.6	5.5	38.9	7.9
45–49 years old	100.0	58.1	5.0	36.9	8.1
50–54 years old	100.0	63.9	5.2	30.9	8.3
55–64 years old	100.0	64.4	6.5	29.1	7.2
65 years old and over	100.0	58.1	7.5	34.4	5.7

Age of groom	Percent distribution: Total	Groom older than bride	Groom same age as bride	Bride older than groom	Average number of years groom older than bride
Total	**100.0**	**67.1**	**10.8**	**22.1**	**5.3**
15–19 years old	100.0	41.9	25.4	32.8	1.7
20–24 years old	100.0	58.5	16.3	25.2	2.5
20 years old	100.0	54.0	18.7	27.3	1.9
21 years old	100.0	58.1	16.4	25.5	2.2
22 years old	100.0	56.8	17.5	25.7	2.4
23 years old	100.0	59.7	15.9	24.3	2.6
24 years old	100.0	62.2	13.7	24.1	2.9
25–29 years old	100.0	66.8	9.7	23.5	3.8
25 years old	100.0	64.9	11.8	23.3	3.2
26 years old	100.0	66.4	9.9	23.7	3.5
27 years old	100.0	66.1	9.3	24.6	3.9
28 years old	100.0	68.2	8.4	23.4	4.3
29 years old	100.0	69.6	8.2	22.2	4.7
30–34 years old	100.0	72.1	6.6	21.3	5.7
35–39 years old	100.0	77.1	5.1	17.8	7.4
40–44 years old	100.0	80.9	4.3	14.7	8.8
45–49 years old	100.0	83.6	3.6	12.8	9.9
50–54 years old	100.0	84.7	3.4	11.8	10.9
55–64 years old	100.0	83.6	3.9	12.5	12.0
65 years old and over	100.0	85.8	4.0	10.2	12.1

No. 131. Divorces and Annulments—Median Duration of Marriage, Median Age at Divorce, and Children Involved: 1970 to 1986

[Data cover divorce-registration area; see text, section 2. Based on a sample and subject to sampling variability; for details, see source. Median age computed on data by single years of age. See also *Historical Statistics, Colonial Times to 1970*, series B 218. NA Not available]

Duration of marriage, age at divorce, and children involved	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
Median duration of marriage (years)	6.7	6.5	6.6	6.8	6.8	7.0	7.0	7.0	6.9	6.8	6.9
Median age at divorce:											
Men (years)	(NA)	32.2	32.0	32.5	32.7	33.1	33.6	34.0	34.3	34.4	34.6
Women (years)	(NA)	29.5	29.7	30.1	30.3	30.6	31.1	31.5	31.7	31.9	32.1
Children involved in divorce (1,000)	870	1,123	1,147	1,181	1,174	1,180	1,108	1,091	1,081	1,091	1,064
Avg. number of children per decree	1.22	1.08	1.01	1.00	.98	.97	.94	.94	.92	.92	.90
Rate per 1,000 children under 18 years of age	12.5	16.7	17.7	18.4	17.3	18.7	17.6	17.4	17.2	17.3	16.8

No. 132. Divorces and Annulments—Rate and Percent Distribution, by Sex and Age: 1986

[See headnote, table 131]

Age at time of divorce decree	Divorce rate [1]: Women	Men	Percent distribution: Women	Men
Total	**19.0**	**19.2**	**100.0**	**100.0**
Under 20 years old	50.9	49.8	2.0	.5
20–24 years old	46.6	49.9	16.3	9.7
25–29 years old	35.1	38.2	22.8	20.6
30–34 years old	27.7	30.8	19.8	20.6
35–39 years old	23.7	26.0	16.2	17.6
40–44 years old	19.1	22.6	10.1	12.1
45–49 years old	12.8	17.1	5.8	7.8
50–54 years old	7.7	10.9	3.2	4.8
55–59 years old	4.2	6.4	1.8	2.9
60–64 years old	2.8	4.2	1.1	1.7
65 years old and over	1.5	2.0	.9	1.7

Age at time of marriage	Percent distribution of divorces: Women	Men
Total	**100.0**	**100.0**
Under 20 years old	31.7	13.7
20–24 years old	36.4	40.6
25–29 years old	14.8	21.0
30–34 years old	7.6	10.4
35–39 years old	4.4	5.8
40–44 years old	2.3	3.5
45 years old and over	2.9	4.9

[1] Rate per 1,000 married population in specified group. Figures for age not stated were distributed. Excludes data for Michigan, Ohio, and South Dakota.

Source of tables 130–132: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual and *Monthly Vital Statistics Report*, and unpublished data.

NO. 133. MARRIAGES AND DIVORCES—NUMBER AND RATE, BY STATE: 1980 TO 1988

[By place of occurrence. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, AND STATE	MARRIAGES [1]						DIVORCES [3]					
	Number (1,000)			Rate per 1,000 population [2]			Number (1,000)			Rate per 1,000 population [2]		
	1980	1985	1988, prel.	1980	1985	1988, prel.	1980	1985	1988, prel.	1980	1985	1988, prel.
U.S.	**2,390.3**	**2,412.6**	[4] **2,389.0**	**10.6**	**10.1**	[4] **9.7**	**1,189.0**	[5] **1,190.0**	[5] **1,183.0**	**5.2**	[5] **5.0**	[6] **4.8**
Region:												
Northeast	400.3	428.7	430.7	8.1	8.6	8.5	174.0	187.0	175.4	3.5	3.8	3.5
Midwest	569.2	[6] 520.5	499.8	9.7	[6] 8.8	8.3	292.0	267.0	(NA)	5.0	4.5	(NA)
South	880.2	919.1	919.3	11.7	11.2	10.9	449.0	[5] 458.0	(NA)	6.0	[5] 5.6	(NA)
West	540.5	544.3	560.1	12.5	11.4	11.1	274.0	278.0	273.9	6.3	5.8	5.4
New England	**106.3**	**114.3**	**116.1**	**8.6**	**9.0**	**9.0**	**49.0**	**49.9**	**44.6**	**4.0**	**3.9**	**3.4**
Maine	12.0	12.2	12.5	10.7	10.5	10.4	6.2	6.1	5.8	5.5	5.2	4.8
New Hampshire	9.3	11.4	11.3	10.0	11.4	10.4	5.3	4.9	4.8	5.7	4.9	4.4
Vermont	5.2	5.5	6.5	10.2	10.4	11.6	2.6	2.4	2.7	5.1	4.4	4.9
Massachusetts	46.3	49.8	50.0	8.1	8.6	8.5	17.9	21.6	17.2	3.1	3.7	2.9
Rhode Island	7.5	8.0	8.4	7.9	8.3	8.4	3.6	3.7	3.8	3.8	3.8	3.8
Connecticut	26.0	27.3	27.5	8.4	8.6	8.5	13.5	11.2	10.3	4.3	3.5	3.2
Middle Atlantic	**294.0**	**314.3**	**314.6**	**8.0**	**8.5**	**8.4**	**124.7**	**137.1**	**130.8**	**3.4**	**3.7**	**3.5**
New York	144.5	164.0	[7] 165.4	8.2	9.2	[7] 9.2	62.0	67.6	64.6	3.5	3.8	3.6
New Jersey	55.8	61.2	61.1	7.6	8.1	7.9	27.8	29.3	26.9	3.8	3.9	3.5
Pennsylvania	93.7	89.1	88.2	7.9	7.5	7.3	34.9	40.2	39.4	2.9	3.4	3.3
East North Central	**395.5**	[6] **362.2**	**344.0**	**9.5**	[6] **8.7**	**8.2**	**212.4**	[6] **192.6**	(NA)	**5.1**	[6] **4.6**	(NA)
Ohio	99.8	[6] 94.4	97.3	9.2	[6] 8.8	9.0	58.8	[6] 53.0	49.8	5.4	[6] 4.9	4.6
Indiana	57.9	51.1	51.9	10.5	9.3	9.3	[8] 40.0	[8] 35.3	(NA)	[8] 7.3	[8] 6.4	(NA)
Illinois	109.8	97.7	79.1	9.6	8.5	6.8	51.0	48.9	46.4	4.5	4.2	4.0
Michigan	86.9	79.0	74.2	9.4	8.7	8.0	45.0	38.8	39.9	4.9	4.3	4.3
Wisconsin	41.1	40.0	41.5	8.7	8.4	8.5	17.5	16.6	17.0	3.7	3.5	3.5
West North Central	**173.7**	**158.3**	**155.9**	**10.1**	**9.0**	**8.8**	**79.6**	**74.3**	**77.5**	**4.6**	**4.2**	**4.4**
Minnesota	37.6	35.1	33.5	9.2	8.4	7.8	15.4	14.8	14.9	3.8	3.5	3.5
Iowa	27.5	24.6	25.0	9.4	8.5	8.8	11.9	10.5	10.8	4.1	3.7	3.8
Missouri	54.6	49.5	49.9	11.1	9.8	9.7	27.6	25.0	24.9	5.6	5.0	4.8
North Dakota	6.1	5.4	4.9	9.3	7.9	7.4	2.1	2.3	2.4	3.3	3.4	3.6
South Dakota	8.8	7.8	7.3	12.7	11.0	10.2	2.8	2.6	2.7	4.1	3.6	3.7
Nebraska	14.2	12.7	12.3	9.1	7.9	7.7	6.4	6.4	6.4	4.1	4.0	4.0
Kansas	24.8	23.3	23.0	10.5	9.5	9.2	13.4	12.8	15.5	5.7	5.2	6.2
South Atlantic	**413.1**	**438.8**	**454.5**	**11.2**	**10.9**	**10.7**	**206.3**	**210.5**	**219.0**	**5.6**	**5.2**	**5.2**
Delaware	4.4	5.4	5.6	7.5	8.6	8.5	2.3	3.0	3.0	3.9	4.8	4.5
Maryland	46.3	46.1	44.1	11.0	10.5	9.5	17.5	16.2	16.4	4.1	3.7	3.6
District of Columbia	5.2	5.0	4.9	8.1	8.1	8.0	4.7	2.7	3.6	7.3	4.3	5.9
Virginia	60.2	66.5	69.0	11.3	11.7	11.5	23.6	24.1	26.1	4.4	4.2	4.3
West Virginia	17.4	14.6	14.4	8.9	7.5	7.7	10.3	9.9	9.1	5.3	5.1	4.9
North Carolina	46.7	50.5	51.7	7.9	8.1	8.0	28.1	30.2	32.4	4.8	4.8	5.0
South Carolina	53.9	52.8	54.3	17.3	15.8	15.7	13.6	13.5	14.6	4.4	4.0	4.2
Georgia	70.6	72.3	73.3	12.9	12.1	11.6	34.7	33.4	35.7	6.4	5.6	5.6
Florida	108.3	125.5	137.1	11.1	11.0	11.1	71.6	77.5	78.0	7.3	6.8	6.3
East South Central	[6] **168.8**	**171.8**	**188.7**	[6] **11.5**	**11.4**	**12.3**	[6] **87.5**	**86.2**	**88.1**	[6] **6.0**	**5.7**	**5.7**
Kentucky	[6] 32.7	46.0	49.9	[6] 8.9	12.3	13.4	[6] 16.7	18.3	20.5	[6] 4.6	4.9	5.5
Tennessee	59.2	55.0	69.4	12.9	11.5	14.2	30.2	29.9	32.0	6.6	6.3	6.5
Alabama	49.0	46.1	44.5	12.6	11.5	10.9	26.7	25.0	23.4	6.9	6.2	5.7
Mississippi	27.9	24.8	24.8	11.1	9.5	9.5	13.8	[6] 13.0	12.2	5.5	[6] 5.0	4.7
West South Central	**298.2**	**308.6**	**276.1**	**12.6**	**11.6**	**10.3**	[6] **155.0**	[6] **160.9**	(NA)	[6] **6.5**	(NA)	(NA)
Arkansas	26.5	31.7	34.8	11.6	13.4	14.5	[6] 15.9	[6] 16.5	16.7	[6] 6.9	[6] 7.0	7.0
Louisiana	43.5	39.4	33.9	10.3	8.8	7.7	[6] 18.1	[6] 17.6	(NA)	[6] 4.3	(NA)	(NA)
Oklahoma	46.5	35.9	32.9	15.4	10.9	10.2	24.2	26.4	23.0	8.0	8.0	7.1
Texas	181.8	201.6	174.5	12.8	12.3	10.4	96.8	100.4	94.7	6.8	6.1	5.6
Mountain	**241.7**	**233.7**	**240.3**	**21.3**	**18.3**	**18.0**	**86.1**	**89.9**	**87.8**	**7.6**	**7.0**	**6.6**
Montana	8.3	7.2	6.8	10.6	8.7	8.4	4.9	4.3	4.1	6.3	5.2	5.1
Idaho	13.4	12.3	11.2	14.2	12.2	11.2	6.6	6.2	6.1	7.0	6.2	6.0
Wyoming	6.9	5.4	4.7	14.6	10.6	9.8	4.0	3.8	3.3	8.5	7.5	6.9
Colorado	34.9	33.6	31.5	12.1	10.4	9.6	18.6	19.2	18.8	6.4	5.9	5.7
New Mexico	16.6	[9] 15.5	[10] 13.0	12.8	[9] 10.7	[10] 8.6	10.4	[11] 13.2	7.9	8.0	[11] 9.1	5.3
Arizona	30.2	35.7	[7] 35.7	11.1	11.2	[7] 10.2	19.9	21.2	24.9	7.3	6.6	7.1
Utah	17.0	17.5	16.6	11.6	10.6	9.8	7.8	8.8	7.8	5.3	5.3	4.6
Nevada	114.3	106.5	120.7	142.8	113.7	114.5	13.8	13.3	14.8	17.3	14.2	14.1
Pacific	**298.8**	**310.6**	**319.8**	**9.4**	**8.9**	**8.6**	**187.9**	**188.5**	**186.1**	**5.9**	**5.4**	**5.0**
Washington	47.7	43.8	44.0	11.6	9.9	9.5	28.6	26.3	26.4	6.9	6.0	5.7
Oregon	23.0	22.4	22.6	8.7	8.3	8.2	17.8	15.7	14.9	6.7	5.9	5.4
California [12]	210.9	222.8	230.0	8.9	8.5	8.1	133.5	[13] 137.5	136.1	5.6	[13] 5.2	4.8
Alaska	5.4	6.2	5.8	13.3	11.8	11.1	3.5	4.0	3.6	8.8	7.7	6.9
Hawaii	11.9	15.4	17.4	12.3	14.7	15.8	4.4	4.9	5.1	4.6	4.6	4.6

NA Not available. [1] Data are counts of marriages performed, except as noted. [2] Based on total population residing in area; population enumerated as of April 1 for 1980, estimated as of July 1 for all other years. [3] Includes annulments. [4] Estimate for U.S. is based on monthly reports adjusted for observed differences from final monthly figures. State figures are not adjusted in this manner. [5] Estimated. [6] Data are incomplete. [7] For some counties, data are marriage licenses issued. [8] Includes divorce petitions filed for some counties. [9] Premarital health forms issued. [10] Marriage licenses issued. [11] Divorce petitions filed. [12] Marriage data include nonlicensed marriages registered. [13] Data include legal separations.

Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and *Monthly Vital Statistics Reports*.

Figure 3.1
Change in Consumer Price Index and Medical Care Services Index: 1970 to 1988

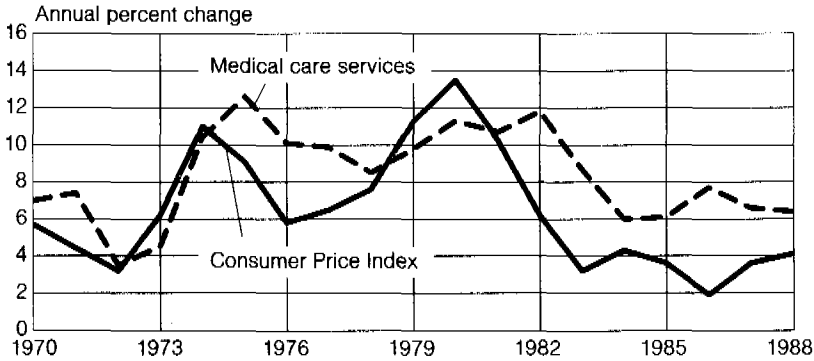


Figure 3.2
Cigarette Smokers, by Educational Attainment: 1970 to 1987

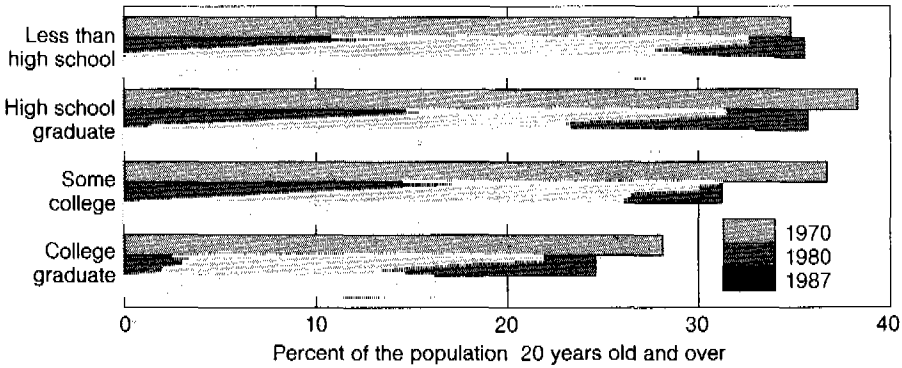
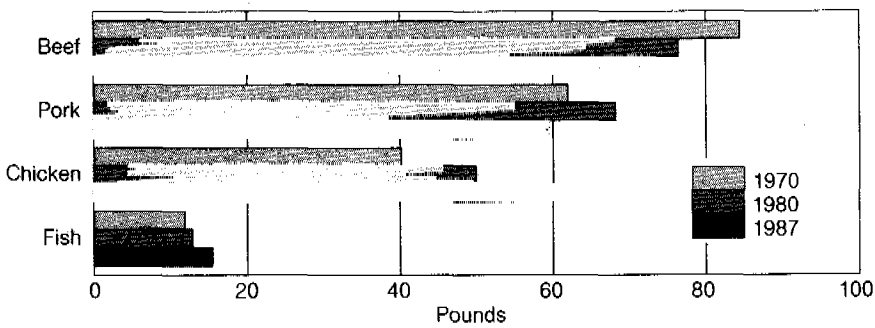


Figure 3.3
Per Capita Meat Consumption, by Selected Products: 1970 to 1987



Source: Charts prepared by U.S. Bureau of the Census.
For figure 3.1 data, see tables 150 and 757; figure 3.2 data, see table 200; figure 3.3 data, see table 202.

1990

Section 3

Health and Nutrition

This section presents statistics on health expenditures and insurance coverage, including Medicare and Medicaid; medical personnel; hospitals; nursing homes and other care facilities; incidence of acute and prevalence of chronic conditions; nutritional intake of the population; and food consumption. Summary statistics showing recent trends on health care and discussions of selected health issues are published annually by the U.S. National Center for Health Statistics (NCHS) in *Health, United States.* Data on national health expenditures, medical costs, and insurance coverage are compiled by the U.S. Health Care Financing Administration (HCFA), and appear in the quarterly *Health Care Financing Review, Health Care Financing Notes,* (no longer being produced) and in the *Annual Medicare Program Statistics* series. Statistics on health facilities are collected by NCHS and are published in series 14 of *Vital and Health Statistics.* Statistics on hospitals are published annually by the American Hospital Association, Chicago, IL, in *Hospital Statistics.* Primary sources for data on nutrition are the quarterly *National Food Review* and the annual *Food Consumption, Prices, and Expenditures,* both issued by the U.S. Department of Agriculture. In addition, NCHS conducts periodic surveys of nutrient levels in the population and clinical signs of malnutrition.

National health expenditures.—The HCFA compiles estimates of national health expenditures (NHE) to measure spending for health care in the U.S. The NHE accounts are structured to show spending by type of expenditure (i.e., hospital care, physician care, dental care, other professional care, drugs and medical sundries, medical durable equipment, nursing home care and other personal health expenditures, plus non-personal health expenditures for such items as public health, research, construction of medical facilities, and administration) and by source of funding (e.g., private health insurance, direct payments, and a range of public programs including Medicare, Medicaid and Veterans Administration (VA)).

In all cases except private insurance (HCFA conducts its own survey of part of the health insurance industry), data used to estimate health expenditures come from existing sources which are tabulated for other purposes. The type of expenditure estimates rely upon statistics produced by such groups as the American Hospital Association, the Internal Revenue Service, the Department of Commerce, and the Department of Health and Human Services (HHS). Source of funding estimates are constructed using administrative and statistical records from: the Medicare and Medicaid programs, the Department of Defense and VA medical programs, the Social Security Administration, Census Bureau's *Governmental Finances,* State and local governments, other HHS agencies, and other nongovernment sources. Detailed descriptions of sources and methods, along with the most recent analysis of health care expenditure estimates, are published in the *Health Care Financing Review's* annual article on national health expenditures.

Medicare and Medicaid.—Since July 1966, the Federal Medicare program has provided two coordinated plans for nearly all people age 65 and over: (1) A hospital insurance plan which covers hospital and related services and (2) a voluntary supplementary medical insurance plan, financed partially by monthly premiums paid by participants, which partly covers physicians' and related medical services. Since July 1973, such insurnace also applies to disabled beneficiaries of any age after 24 months of eligibility and to persons with chronic kidney disease.

Under Medicaid, all States (except Arizona) offer basic health services to eligible low-income persons. The cost of providing these services is shared by the Federal Government, but each State determines its own eligibility criteria and may set benefits above the minimum established by Federal law. Almost all recipients of cash welfare programs are automotically eligible. In addition, 31 States extend Medicaid to families that satisfy all but the income requirements for welfare and that either have incomes which meet State definitions of "medically needy" or incur medical expenses which lower their incomes to medically needy levels.

Health resources.—Hospital statistics based on data from the American Hospital Association's yearly survey are published annually in *Hospital Statistics,* and cover all hospitals accepted for registration by the Association. To be accepted for registration, a hospital must meet certain requirements relating to number of beds, construction, equipment, medical and nursing staff, patient care, clinical records, surgical and obstetrical facilities, diagnostic and treatment facilities, laboratory services, etc. Data obtained from NCHS cover all U.S. hospitals which meet certain criteria for inclusion. The criteria are published in *Vital and Health Statistics* reports, series 13. NCHS defines a hospital as a non-federal short-term general or special facility with 6 or more inpatient beds with an average stay of less than 60 days.

Statistics on the demographic characteristics of persons employed in the health occupations are based on data compiled by the U.S. Bureau of Labor Statistics and reported in *Employment and Earnings* (monthly) (see table 645, section 13). Data based on surveys of health personnel and utilization of health facilities providing long-term care, ambulatory care, and hospital care are presented in NCHS series 13 and series 14, *Data on Health Resources Utilization* and *Data on Health Resources: Manpower and Facilities.* Statistics on patient visits to health care providers, as reported in health interviews, appear in NCHS series 10, *National Health Interview Survey Data.*

The HCFA's *Health Care Financing Review, Health Care Financing Program Statistics* and *Notes* series present data for hospitals and nursing homes as well as extended care facilities and home health agencies. These data are based on records of the Medicare program and differ from those of other sources because they are limited to facilities meeting Federal eligibility standards for participation in Medicare.

Data on patients in hospitals for the mentally ill and on mental health facilities are collected by the National Institute of Mental Health (NIMH) and appear in *Mental Health, U.S.,* the *Mental Health Statistics* reports, (series CN), and the Mental Health Statistical Note series.

Disability and illness.—General health statistics, including morbidity, disability, injuries, preventive care, and findings from physiological testing, are collected by NCHS in its National Health Interview Survey and its National Health and Nutrition Examination Surveys and appear in *Vital and Health Statistics,* series 10 and 11, respectively. The Department of Labor compiles statistics on industrial injuries (see section 13). Annual incidence data on notifiable diseases are compiled by the Public Health Service (PHS) at its Centers for Disease Control in Atlanta, Georgia, and are published as a supplement to its *Morbidity and Mortality Weekly Report.* The list of diseases is revised annually and includes those which, by mutual agreement of the States and PHS, are communicable diseases of national importance.

Nutrition.—Statistics on annual per capita consumption of food and its nutrient value are estimated by the U.S. Department of Agriculture and published quarterly in *National Food Review.* Historical data can be found in *Food Consumption, Prices, and Expenditures,* issued annually.

Statistical reliability.—For discussion of statistical collection, estimation, and sampling procedures and measures of reliability applicable to data from NCHS and HCFA, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix IV.

No. 134. National Health Expenditures: 1970 to 1987

[Includes Puerto Rico and outlying areas]

Year	Total [1]			Health services and supplies							
				Private				Public			
					Direct patient payments		Insurance premiums [4]			Medical payments	
	Total (bil. dol.)	Per capita (dol.)	Percent of GNP [2]	Total [3] (bil. dol.)	Total (bil. dol.)	Percent of total private	(bil. dol.)	Total [5] (bil. dol.)	Percent of total health exp.	Medicare (bil. dol.)	Public assistance (bil. dol.)
1970	75.0	349	7.4	44.7	26.5	59.3	16.9	24.9	33.2	7.5	6.3
1971	83.5	385	7.6	48.9	28.1	57.4	19.3	28.4	34.0	8.3	8.1
1972	94.0	429	7.7	55.3	30.6	55.4	22.2	32.1	34.1	9.1	9.1
1973	103.4	468	7.6	60.7	33.3	54.8	24.7	35.8	34.6	10.1	10.3
1974	116.1	521	7.9	65.8	36.2	55.0	27.9	42.9	36.9	13.1	12.1
1975	132.7	591	8.3	73.0	38.1	52.2	33.2	51.3	38.6	16.3	15.1
1976	150.8	665	8.5	84.5	42.0	49.8	40.4	57.3	38.0	19.3	16.9
1977	169.9	743	8.5	96.7	46.4	48.1	48.0	64.0	37.7	22.5	18.9
1978	189.7	822	8.4	106.6	50.7	47.6	53.6	73.3	38.7	25.9	21.1
1979	214.7	921	8.6	120.4	55.8	46.4	62.0	83.8	39.0	30.3	24.3
1980	248.1	1,055	9.1	138.7	63.0	45.5	72.6	97.5	39.3	36.8	28.1
1981	287.0	1,208	9.4	160.6	72.6	45.2	84.4	113.2	39.4	44.8	32.3
1982	323.6	1,348	10.2	182.2	79.6	43.7	98.7	127.1	39.3	52.4	34.9
1983	357.2	1,473	10.5	202.8	88.7	43.7	109.7	138.9	38.9	58.9	37.7
1984	388.5	1,587	10.3	222.2	95.7	43.1	121.9	150.5	38.8	64.5	40.4
1985	419.0	1,696	10.4	238.0	103.7	43.6	129.1	165.4	39.5	71.1	44.5
1986	455.7	1,827	10.7	260.5	112.6	43.2	142.4	178.8	39.2	76.3	48.1
1987	500.3	1,987	11.1	286.7	123.0	42.9	157.8	196.5	39.3	83.0	54.2

[1] Includes medical research and medical facilities construction. [2] GNP=Gross national product; see table 693. [3] Includes other sources of funds not shown separately. [4] See footnote 2, table 135. [5] Includes other programs, not shown separately.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review,* Winter 1988.

No. 135. National Health Expenditures, by Type: 1970 to 1987

[In millions of dollars, except percent. Includes Puerto Rico and outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series B 248-261]

Type of expenditure	1970	1980	1981	1982	1983	1984	1985	1986	1987
Total	**74,995**	**248,110**	**286,975**	**323,635**	**357,185**	**388,453**	**419,015**	**455,673**	**500,346**
Average annual percent change [1]	12.3	12.7	15.7	12.8	10.4	8.8	7.9	8.7	9.8
Private expenditures	**47,222**	**142,938**	**165,781**	**188,357**	**209,658**	**228,814**	**243,976**	**266,764**	**292,997**
Health services and supplies	44,662	138,666	160,631	182,239	202,848	222,157	236,018	260,538	286,697
Direct patient payments	26,498	63,039	72,620	79,615	88,685	95,696	103,716	112,648	122,983
Insurance premiums [2]	16,871	72,595	84,419	98,679	109,684	121,882	129,133	142,435	157,794
Other	1,293	3,032	3,592	3,945	4,478	4,580	5,169	5,455	5,920
Medical research	215	305	318	333	354	460	468	670	649
Medical facilities construction	2,345	3,967	4,832	5,785	6,456	6,197	5,489	5,556	5,650
Public expenditures	**27,773**	**105,172**	**121,193**	**135,278**	**147,527**	**159,639**	**175,039**	**188,909**	**207,350**
Percent Federal of public	63.6	67.5	68.7	68.9	69.6	70.2	70.3	70.3	69.8
Health services and supplies	24,933	97,506	113,170	127,115	138,949	150,541	165,397	178,773	196,547
Medicare [3]	7,496	36,814	44,772	52,362	58,860	64,549	71,063	76,340	83,032
Public assistance medical payments [4]	6,321	28,127	32,255	34,879	37,677	40,436	44,501	48,100	54,195
Temporary disability insurance [5]	66	52	52	53	59	55	51	50	50
Workers' compensation (medical) [6]	1,409	5,151	5,695	6,098	6,946	6,873	7,739	9,007	10,889
Defense Dept. hospital, medical	1,782	4,207	4,917	5,709	6,535	7,054	7,762	8,753	9,756
Maternal, child health programs	429	892	907	965	1,089	1,072	1,192	1,238	1,345
Public health activities	1,431	7,294	8,483	9,331	9,946	10,964	12,548	13,756	14,725
Veterans' hospital, medical care	1,764	5,939	6,512	7,144	7,677	8,471	8,731	9,192	9,595
Medical vocational rehabilitation	149	216	206	200	233	255	268	284	309
State and local hospitals [6]	3,320	5,803	6,253	7,219	6,878	7,401	8,025	8,377	8,681
Other [7]	767	3,012	3,119	3,155	3,050	3,411	3,517	3,676	3,970
Medical research	1,754	5,134	5,295	5,539	5,800	6,441	7,065	7,647	8,182
Medical facilities construction	1,086	2,532	2,728	2,624	2,778	2,657	2,578	2,490	2,620

[1] Change from prior year shown; for 1970, change from 1965. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Covers insurance benefits and amount retained by insurance companies for expenses, additions to reserves, and profits (net cost of insurance). [3] Represent expenditures for benefits and administrative cost from Federal hospital and medical insurance trust funds under old-age, survivors, disability, and health insurance programs; see text, section 12. [4] Payments made directly to suppliers of medical care (primarily Medicaid). [5] Includes medical benefits paid under public law by private insurance carriers and self-insurers. [6] Expenditures not offset by other revenues. [7] Covers expenditures for Alcohol, Drug Abuse, and Mental Health Administration; Indian Health Service; school health and other programs.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Winter 1988.

No. 136. National Health Expenditures, by Object: 1970 to 1987

[See headnote, table 135. See also *Historical Statistics, Colonial Times to 1970*, series B 221-235]

Object of expenditure	Expenditure (bil. dol.)									Percent		
	1970	1980	1981	1982	1983	1984	1985	1986	1987	1970	1980	1987
Total	**75.0**	**248.1**	**287.0**	**323.6**	**357.2**	**388.5**	**419.0**	**455.7**	**500.3**	**100.0**	**100.0**	**100.0**
Spent by—												
Consumers	43.4	135.6	157.0	178.3	198.4	217.6	232.8	255.1	280.8	57.8	54.7	56.1
Government	27.8	105.2	121.2	135.3	147.5	159.6	175.0	188.9	207.3	37.0	42.4	41.4
Philanthropy and industry	3.9	7.3	8.7	10.1	11.3	11.2	11.1	11.7	12.2	5.1	2.9	2.4
Spent for—												
Health services and supplies	69.6	236.2	273.8	309.4	341.8	372.7	403.4	439.3	483.2	92.8	95.2	96.6
Personal health care expenses	65.4	219.7	254.7	286.5	314.7	340.1	368.3	401.6	442.6	87.1	88.6	88.5
Hospital care	28.0	101.6	119.1	135.2	146.8	156.1	166.7	178.4	194.7	37.3	41.0	38.9
Physicians' services	14.3	46.8	54.8	61.8	68.4	74.4	81.4	91.6	102.7	19.1	18.9	20.5
Dentists' services	4.7	15.4	17.3	19.5	21.7	24.6	27.1	29.6	32.8	6.3	6.2	6.6
Other professional services [1]	1.6	5.7	6.8	8.0	9.3	10.8	12.4	14.1	16.2	2.1	2.3	3.2
Drugs and sundries	8.0	18.8	20.7	22.1	24.5	26.5	28.5	31.3	34.0	10.7	7.6	6.8
Eyeglasses and appliances [2]	1.9	5.1	5.3	5.8	6.2	7.0	7.8	8.7	9.5	2.6	2.0	1.9
Nursing home care	4.7	20.4	23.9	26.7	29.4	31.6	34.7	37.4	40.6	6.3	8.2	8.1
Other health services	2.1	5.9	6.8	7.4	8.3	9.0	9.8	10.7	12.0	2.8	2.4	2.4
Net cost of insurance and administration [3]	2.8	9.2	10.6	13.5	17.1	21.7	22.6	23.9	25.9	3.8	3.7	5.2
Government public health activities	1.4	7.3	8.5	9.3	9.9	11.0	12.5	13.8	14.7	1.9	2.9	2.9
Medical research	2.0	5.4	5.6	5.9	6.2	6.9	7.5	8.3	8.8	2.6	2.2	1.8
Medical facilities construction	3.4	6.5	7.6	8.4	9.2	8.9	8.1	8.0	8.3	4.6	2.6	1.7

[1] Includes services of registered and practical nurses in private duty, visiting nurses, podiatrists, physical therapists, clinical psychologists, chiropractors, naturopaths, and Christian Science practitioners. [2] Includes fees of optometrists and expenditures for hearing aids, orthopedic appliances, artifical limbs, crutches, wheelchairs, etc. [3] Includes administrative expenses of federally financed health programs.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Winter 1988.

No. 137. Health Services and Supplies—Per Capita National and Private Consumer Expenditures, by Object: 1970 to 1987

[**In dollars, except percent.** Based on Social Security Administration estimates of total U.S. population as of July 1, including Armed Forces and Federal employees abroad and civilian population of outlying areas. Excludes research and construction. See also *Historical Statistics, Colonial Times to 1970*, series B 222-232]

Object of expenditure	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
Total, national	**324**	**553**	**1,004**	**1,152**	**1,289**	**1,410**	**1,523**	**1,632**	**1,761**	**1,919**
Average annual percent change [1]	11.4	11.3	12.7	14.7	11.9	9.4	8.0	7.2	7.9	9.0
Hospital care	130	233	432	501	563	606	638	675	715	773
Physicians' services	67	111	199	231	257	282	304	329	367	408
Dentists' services	22	37	66	73	81	90	101	110	119	130
Other professional services [2]	7	12	24	29	33	38	44	50	56	64
Drugs and drug sundries	37	53	80	87	92	101	108	115	125	135
Eyeglasses and appliances [2]	9	14	22	22	24	26	29	31	35	38
Nursing home care	22	45	87	100	111	121	129	140	150	161
Other health services	10	17	25	28	31	34	37	40	43	48
Net cost of insurance and administration [2]	13	18	39	45	56	71	89	91	96	103
Government public health activities	7	14	31	36	39	41	45	51	55	58
Total, private consumer [3]	**202**	**317**	**577**	**661**	**743**	**818**	**889**	**942**	**1,023**	**1,115**
Hospital care	60	102	198	232	260	281	288	300	325	359
Physicians' services	53	82	145	167	187	202	217	231	256	282
Dentists' services	21	35	63	70	79	87	98	107	116	128
Other professional services [2]	6	9	18	21	24	27	30	34	38	43
Drugs and drug sundries	35	49	73	79	84	92	98	103	112	120
Eyeglasses and appliances [2]	9	13	19	20	21	21	24	25	26	29
Nursing home care	11	19	39	46	52	59	65	71	77	81
Net cost of insurance	7	9	22	25	36	48	68	69	71	74

[1] Change from prior year shown; for 1970 from 1965. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] See footnotes for corresponding objects in table 136. [3] Represents direct patient payments and private health insurance.

No. 138. Personal Health Care—Third Party Payments and Private Consumer Expenditures: 1970 to 1987

[**In billions of dollars, except percent.** See headnote, table 139]

Item	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
Personal health care expenditures	65.4	117.1	219.7	254.7	286.5	314.7	340.1	368.3	401.6	442.6
Third party payments, total	**38.9**	**79.0**	**156.7**	**182.1**	**206.9**	**226.0**	**244.4**	**264.6**	**289.0**	**319.6**
Percent of total health care	59.5	67.5	71.3	71.5	72.2	71.8	71.9	71.6	71.3	71.3
Private insurance payments	15.3	31.2	67.5	78.4	89.9	98.0	105.3	112.0	124.6	139.1
Government expenditures	22.4	46.3	86.5	100.5	113.5	124.1	135.1	148.0	159.6	175.3
Philanthropy and industry	1.1	1.6	2.7	3.2	3.5	4.0	4.0	4.6	4.8	5.3
Private consumer expenditures [1]	**41.8**	**69.3**	**130.5**	**151.0**	**169.5**	**186.7**	**201.0**	**215.7**	**237.3**	**262.1**
Percent met by private insurance	36.6	45.1	51.7	51.9	53.0	52.5	52.4	51.9	52.5	53.1
Hospital care	12.9	23.0	46.6	55.2	62.4	68.2	70.6	74.2	81.1	90.4
Percent met by private insurance	75.2	81.9	83.1	81.7	82.2	80.6	80.1	79.3	79.4	79.5
Physicians' services	11.3	18.4	34.2	39.7	44.8	48.9	53.2	57.2	63.9	70.9
Percent met by private insurance	42.5	53.7	58.4	57.4	59.4	60.5	62.5	62.2	62.9	62.9

[1] Includes expenditures not shown separately. Represents direct patient payments and private health insurance. Excludes net cost of insurance.

No. 139. Personal Health Care Expenditures, by Object and Source of Payment: 1987

[**In millions of dollars, except as indicated.** Includes Puerto Rico and outlying areas. Covers all expenditures for health services and supplies, except net cost of insurance and administration, government public health activities, and expenditures of philanthropic agencies for fund raising activities]

Source	Total expenditures		Hospital care	Physicians' services	Dentists' services	Other professional services [2]	Drugs and drug sundries	Eyeglasses and appliances [2]	Nursing home care	Other health services
	Total	Per capita [1] (dol.)								
Total	**442,592**	**1,758**	**194,718**	**102,736**	**32,842**	**16,212**	**34,042**	**9,460**	**40,559**	**12,024**
Direct patient payments	122,983	488	18,501	26,289	20,033	6,433	25,467	6,275	19,985	–
Third party payments	319,609	1,270	176,217	76,447	12,809	9,779	8,575	3,185	20,574	12,024
Private health insurance	139,090	552	71,893	44,594	12,150	4,291	4,709	1,071	382	–
Government	175,263	696	102,165	31,796	659	5,370	3,866	2,114	19,910	9,383
Philanthropy	5,256	21	2,159	57	–	118	–	–	281	2,640
Private [3]	**267,328**	**1,062**	**92,553**	**70,940**	**32,183**	**10,842**	**30,176**	**7,346**	**20,648**	**2,640**

– Represents zero. [1] For basis of per capita figures, see headnote, table 137. [2] See footnotes for corresponding objects in table 136. [3] Covers direct patient payments, private health insurance, and philanthropy and industry.

Source of tables 137-139: U.S. Health Care Financing Administration, *Health Care Financing Review*, Winter 1988.

No. 140. Government Expenditures for Health Services and Supplies: 1980 and 1987

[In millions of dollars, except percent. Includes Puerto Rico and outlying areas. Excludes medical research and construction]

Year and type of service	Total [1]		Federal		State and local	Medicare [2] (OASDHI)	Public assistance [3]	Other health services		
	Amount	Percent distribution	Total	Percent of total				Veterans	Defense Dept.[4]	Workers' compensation [5]
1980, total [1]	**97,506**	**100.0**	**65,762**	**67.4**	**31,744**	**36,814**	**28,127**	**5,939**	**4,207**	**5,151**
Hospital care	53,927	55.3	41,085	76.2	12,842	25,916	10,211	4,922	3,426	1,993
Physicians' services	12,614	12.9	9,644	76.5	2,970	7,906	2,597	59	121	1,656
Nursing home care	11,189	11.5	6,039	54.0	5,150	396	10,431	362	-	-
Drugs and sundries	1,614	1.7	804	49.8	810	-	1,489	13	14	78
Administration	3,754	3.9	2,024	53.9	1,730	1,118	1,266	49	32	1,225
Public health activities	7,294	7.5	1,266	17.4	6,028	-	-	-	-	-
1987, total [1]	**196,547**	**100.0**	**136,297**	**69.3**	**60,250**	**83,032**	**54,195**	**9,595**	**9,756**	**10,889**
Hospital care	102,165	52.0	79,955	78.3	22,210	53,273	18,747	7,426	7,518	4,497
Physicians' services	31,796	16.2	25,738	80.9	6,058	22,302	4,715	154	484	3,741
Nursing home care	19,910	10.1	11,054	55.5	8,856	580	18,442	887	-	-
Drugs and sundries	3,866	2.0	1,909	49.4	1,957	-	3,603	10	49	176
Administration	6,559	3.3	3,460	52.8	3,099	1,786	2,528	45	84	2,028
Public health activities	14,725	7.5	1,633	11.1	13,092	-	-	-	-	-

- Represents zero. [1] Includes other items not shown separately. [2] Covers hospital and medical insurance payments and administrative costs under old-age, survivors, disability and health insurance program. [3] Covers Medicaid and other medical public assistance. Includes funds paid into Medicare trust fund by States to cover premiums for public assistance recipients and medically indigent persons. [4] Includes care for retirees and military dependents. [5] Medical benefits.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Winter 1988.

No. 141. Federal Outlays for Health, by Type of Program: 1970 to 1989

[For fiscal year ending in year shown; see text, section 9]

Type of program	Total outlays (mil. dol.)							Outlays per capita [1]		
	1970	1980	1985	1986	1987	1988	1989, est.	1970	1980	1989, est.
Total outlays [2]	**13,913**	**61,754**	**108,911**	**115,973**	**125,354**	**134,210**	**147,728**	**$68**	**$273**	**$595**
Medicare [3]	6,213	32,090	65,822	70,164	75,120	78,876	86,734	31	142	349
Health care services [4]	3,993	18,003	26,984	28,850	32,616	36,019	40,549	20	79	163
Medicaid	2,727	14,028	22,655	24,995	27,435	30,462	34,292	13	62	138
Federal employee health benefits	17	608	1,221	638	1,799	1,755	1,884	(z)	3	8
Hospital and medical care for veterans	1,800	6,515	9,547	9,872	10,266	10,842	11,233	9	29	45
Health research	1,054	3,442	4,908	5,393	5,599	6,645	7,332	5	15	30
National Institutes of Health	917	3,029	4,437	4,859	4,971	6,051	6,455	5	13	26
Other	137	413	471	534	628	594	877	1	2	4
Consumer safety	177	674	812	799	827	886	934	1	3	4
Education and training of health care work force	633	719	468	529	556	541	536	3	3	2
Research training	(NA)	(NA)	233	256	251	283	298	(NA)	(NA)	1
Clinical training	(NA)	(NA)	189	232	250	229	190	(NA)	(NA)	1
Other	(NA)	(NA)	46	41	56	29	48	(NA)	(NA)	(z)
Occupational safety and health	49	328	370	366	370	398	411	(z)	1	2

NA Not available. Z Less than 50 cents. [1] Based on Bureau of the Census estimated resident population as of July. [2] Includes deductions for offsetting receipts (−$6 million in 1970 and −$17 million in 1980). [3] Adjusted for premiums and collections. [4] Includes other programs, not shown separately.

Source: U.S. Office of Management and Budget, *Budget of the United States Government*, annual.

No. 142. Benefit Expenditures of Private Health Insurance Organizations: 1970 to 1987

[In millions of dollars. For financial data on private health insurance organizations, see table 854]

Type of plan	1970	1980	1982	1983	1984	1985	1986	1987			
								Total	Hospital care	Physicians services	Dental care and other
Total	**15,320**	**67,504**	**89,929**	**97,990**	**105,280**	**111,994**	**124,622**	**139,090**	**73,589**	**43,392**	**22,109**
Blue Cross-Blue Shield	7,060	25,467	32,144	34,398	35,522	37,290	41,258	44,525	27,913	11,874	4,738
Insurance companies	7,104	25,774	36,424	40,109	41,547	42,680	45,810	51,549	26,892	16,675	7,982
Independent plans	1,156	16,264	21,360	23,483	28,211	32,024	37,554	43,016	18,783	14,843	9,390

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Winter 1988, and unpublished data.

No. 143. Medicare Program—Enrollment and Payments: 1970 to 1988

[Enrollment as of July 1; payments for calendar year. Benefit payments represent trust fund outlays. Includes Puerto Rico, outlying areas, and enrollees in foreign countries. See text, section 12 for explanation of coverage]

TYPE OF INSURANCE	Unit	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987	1988
HOSPITAL AND/OR MEDICAL INSURANCE												
Enrollment, total	1,000	20,491	24,959	28,478	29,010	29,494	30,026	30,455	31,083	31,750	32,411	32,980
Benefit payments	Mil. dol	7,099	15,588	35,699	43,455	51,086	57,443	62,918	70,527	75,997	80,316	86,318
HOSPITAL INSURANCE												
Enrollment, total	1,000	20,361	24,640	28,067	28,590	29,069	29,587	29,996	30,589	31,216	31,853	32,413
Persons 65 and over	1,000	20,361	22,472	25,104	25,591	26,115	26,670	27,112	27,683	28,257	28,822	29,312
Disabled persons [1]	1,000	(x)	2,168	2,963	2,999	2,954	2,918	2,884	2,907	2,959	3,031	3,101
Benefit payments	Mil. dol	5,124	11,315	25,064	30,342	35,631	39,337	43,257	47,580	49,758	49,496	52,349
MEDICAL INSURANCE												
Enrollment, total	1,000	19,584	23,904	27,400	27,941	28,412	28,975	29,415	29,989	30,590	31,170	31,617
Persons 65 and over	1,000	19,584	21,945	24,680	25,182	25,707	26,292	26,764	27,311	27,863	28,382	28,780
Disabled persons [1]	1,000	(x)	1,959	2,719	2,759	2,705	2,682	2,651	2,678	2,727	2,788	2,837
Benefit payments	Mil. dol	1,975	4,273	10,635	13,113	15,455	18,106	19,661	22,947	26,239	30,820	33,969

X Not applicable. [1] Age under 65; includes persons enrolled because of end-stage renal disease (ESRD) only.

Source: U.S. Health Care Financing Administration. Published in U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin.*

No. 144. Medicare—Persons Served and Reimbursements: 1975 to 1986

[Persons served are enrollees who use covered services, incurred expenses greater than the applicable deductible amounts and for whom Medicare paid benefits. Reimbursements are amounts paid to providers for covered services. Excluded are retroactive adjustments resulting from end of fiscal year cost settlements and certain lump-sum interim payments. Also excluded are beneficiary (or third party payor) liabilities for applicable deductibles, coinsurance amounts, and charges for non-covered services. Includes data for enrollees living in outlying territories and foreign countries]

TYPE OF COVERAGE AND SERVICE	Unit	PERSONS 65 YEARS OLD AND OVER				DISABLED PERSONS [1]			
		1975	1980	1985	1986	1975	1980	1985	1986
Persons served, total [2]	**1,000**	**12,032**	**16,271**	**20,347**	**21,066**	**975**	**1,760**	**1,944**	**2,015**
Hospital insurance [2]	1,000	4,963	6,024	6,058	6,018	475	728	662	669
Inpatient hospital	1,000	4,913	5,951	5,714	5,697	472	721	636	645
Skilled-nursing services	1,000	260	248	304	294	8	9	10	10
Home health services [3]	1,000	329	675	1,448	1,469	22	51	101	102
Supplementary medical insurance [2]	1,000	11,762	16,099	20,186	20,919	924	1,723	1,916	1,988
Physicians' and other medical services	1,000	11,396	15,627	19,590	20,316	865	1,631	1,820	1,888
Outpatient services	1,000	3,768	6,629	9,869	11,011	399	909	1,096	1,211
Home health services [3]	1,000	161	302	27	30	13	25	-	-
Persons served per 1,000 enrollees, total [2]	**Rate**	**528**	**638**	**722**	**732**	**450**	**594**	**669**	**681**
Hospital insurance [2]	Rate	221	240	219	213	219	246	228	226
Inpatient hospital	Rate	219	237	206	202	218	243	219	218
Skilled-nursing services	Rate	12	10	11	10	4	3	4	4
Home health services [3]	Rate	15	27	52	52	10	17	35	35
Supplementary medical insurance [2]	Rate	536	652	739	751	471	634	716	729
Physicians' and other medical services	Rate	519	633	717	729	442	600	680	692
Outpatient services	Rate	172	269	362	395	204	334	409	444
Home health services [3]	Rate	7	12	1	1	7	9	-	-
Reimbursements, total	**Mil. dol**	**12,689**	**29,134**	**56,199**	**60,459**	**1,509**	**4,478**	**7,495**	**8,123**
Hospital insurance	Mil. dol	9,209	20,353	37,360	39,285	987	2,765	4,785	5,103
Inpatient hospital	Mil. dol	8,840	19,583	35,313	37,181	968	2,714	4,638	4,949
Skilled-nursing services	Mil. dol	233	331	464	474	9	13	17	19
Home health services [3]	Mil. dol	136	440	1,583	1,630	10	38	130	135
Supplementary medical insurance	Mil. dol	3,481	8,781	18,839	21,174	522	1,713	2,709	3,020
Physicians' and other medical services	Mil. dol	3,050	7,361	15,309	16,887	295	997	1,712	1,871
Outpatient services	Mil. dol	374	1,261	3,499	4,249	221	701	997	1,149
Home health services [3]	Mil. dol	56	159	31	38	5	16	-	-
Reimbursements, per person served, total	**Dollars**	**1,055**	**1,791**	**2,762**	**2,870**	**1,548**	**2,544**	**3,855**	**4,032**
Hospital insurance	Dollars	1,855	3,379	6,167	6,528	2,077	3,798	7,224	7,623
Inpatient hospital	Dollars	1,799	3,291	6,181	6,526	2,051	3,765	7,295	7,678
Skilled-nursing services	Dollars	896	1,336	1,525	1,613	1,049	1,571	1,681	1,872
Home health services [3]	Dollars	413	652	1,093	1,110	478	733	1,288	1,319
Supplementary medical insurance	Dollars	296	545	933	1,012	565	994	1,414	1,519
Physicians' and other medical services	Dollars	268	471	781	831	341	611	941	991
Outpatient services	Dollars	99	190	354	386	554	771	909	948
Home health services [3]	Dollars	347	526	1,122	1,264	420	619	1,598	2,185

- Represents or rounds to zero. [1] Age under 65; includes persons enrolled because of end-stage renal disease (ESRD) only. [2] Persons are counted once for each type of covered service used, but are not double counted in totals. [3] Beginning 1982, a change in legislation resulted in virtually all home health services being paid under hospital insurance.

Source: U.S. Health Care Financing Administration, *Medicare Program Statistics,* annual; and unpublished data.

No. 145. Medicare—Hospital Utilization and Hospital and Physician Charges: 1970 to 1988

[Data reflect date expense was incurred based on bills submitted for payment and recorded in Health Care Financing Administration central records through May 1989. Includes Puerto Rico, Virgin Islands, Guam, other outlying areas, and enrollees in foreign countries]

Item	Unit	Persons 65 years old and over					Disabled person [1]				
		1970	1980	1985	1987, prel.	1988, prel.	1975	1980	1985	1987, prel.	1988, prel.
Hospital inpatient care:											
Admissions	1,000	6,141	9,258	9,751	9,236	9,423	822	1,271	1,319	1,196	1,115
Per 1,000 enrollees [2]	Rate	302	369	352	320	321	379	429	454	394	359
Covered days of care	Millions	79	98	80	80	79	9	13	11	11	10
Per 1,000 enrollees [2]	Rate	3,902	3,885	2,882	2,779	2,697	4,198	4,549	3,739	3,539	3,280
Per admission	Days	12.9	10.5	8.2	8.7	8.4	11.1	10.6	8.2	9.0	9.1
Hospital covered charges	Mil. dol	5,968	28,615	49,236	61,257	68,212	1,371	4,087	6,582	8,001	8,516
Per covered day	Dollars	75	293	617	765	863	151	303	606	746	837
Percent of covered charges reimbursed	Percent	78.0	70.0	65.6	55.0	52.1	73.6	68.6	64.4	52.2	50.0
Physician allowed charges	Mil. dol	2,310	9,011	17,742	22,336	22,524	367	1,112	1,823	2,140	2,023
Percent reimbursed	Percent	71.9	78.0	78.8	79.7	78.4	76.1	78.7	78.8	79.0	78.2

[1] Disabled persons under age 65 and persons enrolled solely because of end-stage renal disease. [2] Based on Hospital Insurance (HI) enrollment as of July 1.

Source: U.S. Health Care Financing Administration, unpublished data.

No. 146. Medicare and Medicaid—Summary, by State and Other Areas: 1980 and 1988

[**1988 data are preliminary estimates.** For composition of regions, see fig. I, inside front cover]

Region, division, and state	Medicare			Medicaid [3]		
	Enrollment,[1] 1988 (1,000)	Payments [2] (mil. dol.) 1980	Payments [2] (mil. dol.) 1988	Recipients,[4] 1988 (1,000)	Payments (mil. dol.) 1980	Payments (mil. dol.) 1988
Total	**32,980**	**35,699**	**86,318**	**22,907**	**23,311**	**48,710**
U.S.[5]	**32,297**	**35,561**	**86,038**	**21,628**	**23,213**	**48,575**
Region:						
Northeast	7,293	9,071	20,577	4,900	8,139	16,992
Midwest	8,188	9,507	21,961	5,273	5,637	11,149
South	10,992	10,412	27,241	6,510	5,558	12,522
West	5,800	6,529	16,243	4,944	3,878	7,912
N. Eng	**1,844**	**2,238**	**5,112**	**1,069**	**1,781**	**3,815**
ME	178	177	361	119	131	324
NH	132	120	301	33	72	166
VT	72	68	157	51	59	113
MA	850	1,179	2,663	555	1,009	2,043
RI	155	189	426	98	160	332
CT	456	505	1,204	213	350	837
Mid. Atl	**5,449**	**6,833**	**15,465**	**3,831**	**6,357**	**13,177**
NY	2,480	3,409	6,444	2,212	4,543	9,209
NJ	1,066	1,198	2,882	533	756	1,718
PA	1,902	2,226	6,138	1,086	1,058	2,250
E. No. Cent	**5,612**	**6,720**	**16,032**	**3,970**	**4,116**	**8,043**
OH	1,491	1,606	4,071	1,118	809	2,359
IN	737	719	1,802	301	354	1,036
IL	1,500	2,046	4,554	1,043	1,192	1,857
MI	1,190	1,620	3,957	1,105	1,072	1,806
WI	695	729	1,646	403	687	985
W. No. Cent	**2,575**	**2,787**	**5,929**	**1,303**	**1,523**	**3,106**
MN	573	594	1,017	336	590	1,098
IA	449	453	890	228	230	472
MO	761	888	2,216	379	295	686
ND	97	109	231	44	47	161
SD	108	96	224	41	55	124
NE	233	234	443	105	109	227
KS	355	413	909	170	197	338
So. Atl	**5,825**	**5,555**	**14,139**	**2,980**	**2,512**	**6,353**
DE	84	87	229	37	45	101
MD	517	622	1,505	320	322	843
So. Atl.—Con.						
DC	78	149	315	97	168	360
VA	686	614	1,561	326	360	756
WV	300	260	683	221	104	283
NC	843	642	1,567	411	401	957
SC	418	302	803	263	258	455
GA	699	601	1,754	537	462	1,105
FL	2,201	2,278	5,723	768	392	1,493
E. So. Cent	**2,103**	**1,878**	**5,218**	**1,563**	**1,150**	**2,437**
KY	518	437	1,163	413	296	689
TN	665	594	1,867	479	380	890
AL	563	523	1,401	305	263	444
MS	357	324	787	366	211	414
W. So. Cent	**3,064**	**2,979**	**7,884**	**1,967**	**1,896**	**3,732**
AR	381	333	877	227	235	432
LA	513	467	1,525	433	415	775
OK	437	443	1,078	245	265	561
TX	1,732	1,736	4,405	1,062	981	1,944
Mt	**1,521**	**1,304**	**3,731**	**554**	**505**	**1,253**
MT	113	99	268	81	62	136
ID	126	97	244	46	52	123
WY	49	44	125	20	14	33
CO	334	315	862	180	182	464
NM	167	137	365	105	70	217
AZ	462	383	1,224	(x)	(x)	(x)
UT	149	110	333	86	80	185
NV	121	119	309	36	45	95
Pac	**4,279**	**5,225**	**12,513**	**4,391**	**3,373**	**6,659**
WA	584	507	1,271	403	329	852
OR	403	385	743	189	179	331
CA	3,152	4,219	10,196	3,675	2,728	5,226
AK	22	18	55	33	28	95
HI	118	96	248	91	109	155
PR	414	124	246	1,265	97	129
Outlying areas	16	4	11	[6] 13	[6] 2	[6] 4
Foreign	260	9	22	(x)	(x)	(x)

X Not applicable. [1] Hospital and/or medical insurance enrollment as of July 1. [2] Payments are for calendar year and represent total disbursements from Federal hospital and supplementary medical insurance trust funds. Estimates of distribution by State based on interim reimbursements. [3] For fiscal year ending Sept. 30. [4] Persons receiving Medicaid at any time during year. [5] Includes data for enrollees with residence unknown. [6] Virgin Islands only.

Source: U.S. Health Care Financing Administration, *Medicare Program Statistics, Selected State Data, 1978–1982*, May 1984 and unpublished data.

No. 147. Medicaid—Selected Utilization Measures by Type of Facility: 1975 to 1988

[**In thousands.** For fiscal years ending in year shown. Includes Virgin Islands. See text, section 3. Excludes Arizona which has no Title XIX (Medicaid) program]

MEASURE	1975	1980	1981	1982	1983	1984	1985	1986	1987	1988
General hospitals:										
Total discharges	3,031	3,203	3,404	2,915	3,379	3,414	3,616	3,713	3,558	3,905
Recipients discharged	2,336	2,255	2,572	2,218	7,410	2,263	2,390	2,564	2,525	2,640
Total days of care	22,941	24,089	26,468	21,552	23,094	23,185	29,562	29,517	23,124	24,022
Skilled nursing facility:										
Total recipients	630	606	610	559	574	559	547	571	537	579
Total days of care	78,111	102,832	108,066	92,013	100,847	100,265	72,119	116,044	112,466	119,806
Intermediate care facilities: [1]										
Total recipients	69	121	151	149	151	141	147	145	140	145
Total days of care	9,060	25,124	32,640	35,664	39,844	46,310	47,324	48,418	45,611	46,825
Intermediate care facilities: [2]										
Total recipients	582	789	762	765	793	796	828	828	834	866
Total days of care	121,604	170,665	174,568	172,041	194,065	202,158	205,877	217,972	216,292	224,887

[1] Mentally retarded. [2] General.

Source: U.S. Health Care Financing Administration, unpublished data.

No. 148. Medicaid—Selected Characteristics of Persons Covered: 1980 to 1987

[**In thousands, except percent.** Represents number of persons as of **March** of following year who were enrolled at any time in year shown. Person did not have to receive medical care paid for by Medicaid in order to be counted. See headnote, table 579]

POVERTY STATUS	1980, total	1985, total	1986, total	1987							
				Total [1]	White	Black	Hispanic [2]	Under 15 years old	15–44 years old	45–64 years old	65 years and over
Persons covered, total	**18,966**	**19,204**	**19,739**	**19,526**	**11,834**	**6,734**	**2,845**	**7,534**	**7,678**	**1,915**	**2,400**
Below poverty level	11,113	12,652	12,805	13,233	7,371	5,147	2,068	5,930	5,111	1,134	1,059
Above poverty level	7,854	6,552	6,934	6,293	4,463	1,587	777	1,604	2,567	781	1,341
Percent of total population	**8.4**	**8.1**	**8.3**	**8.1**	**5.8**	**23.0**	**16.0**	**14.3**	**6.7**	**4.2**	**8.4**
Below poverty level	39.1	39.7	41.0	42.2	35.9	54.5	42.2	53.7	39.7	28.0	31.0
Above poverty level	4.0	3.2	3.3	3.0	2.4	8.0	6.0	3.9	2.5	1.9	5.4

[1] Includes other races not shown separately. [2] Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 155, earlier reports and unpublished data.

No. 149. Medical Assistance (Medicaid)—Recipients and Payments, by Basis of Eligibility and Type of Service: 1980 to 1988

[**For fiscal year ending in year shown;** see text, section 3. Includes Puerto Rico and outlying areas. Excludes Arizona, which has no Title XIX (Medicaid) program. Medical vendor payments are those made directly to suppliers of medical care]

BASIS OF ELIGIBILITY AND TYPE OF SERVICE	RECIPIENTS (1,000)					PAYMENTS (mil. dol.)				
	1980	1985	1986	1987	1988	1980	1985	1986	1987	1988
Total [1]	**21,605**	**21,814**	**22,515**	**23,109**	**22,907**	**23,311**	**37,508**	**41,005**	**45,050**	**48,710**
Age 65 and over	3,440	3,061	3,140	3,224	3,159	8,739	14,096	15,097	16,037	17,135
Blindness	92	80	82	85	86	124	249	277	309	344
Disabled [2]	2,819	2,937	3,100	3,296	3,401	7,497	13,203	14,635	16,507	18,250
AFDC [3] program	14,210	15,275	15,676	15,767	15,541	6,354	9,160	10,015	11,100	11,731
Other and unknown	1,499	1,214	1,362	1,418	1,343	596	798	980	1,097	1,250
Inpatient services in—										
General hospital	3,680	3,434	3,544	3,767	3,832	6,412	9,453	10,364	11,302	12,076
Mental hospital	66	60	53	57	60	775	1,192	1,113	1,409	1,375
Intermediate care facilities:										
Mentally retarded	121	147	145	149	145	1,989	4,731	5,072	5,591	6,022
Other	789	828	828	849	866	4,202	6,516	6,773	7,280	7,923
Skilled nursing facility	609	547	571	572	579	3,685	5,071	5,660	5,967	6,354
Physicians	13,765	14,387	14,894	15,373	15,265	1,875	2,346	2,547	2,776	2,953
Dental	4,652	4,672	5,161	5,131	5,072	462	458	531	541	577
Other practitioner	3,234	3,357	3,451	3,542	3,480	198	251	252	263	284
Outpatient hospital	9,705	10,072	10,702	10,978	10,533	1,101	1,789	1,980	2,226	2,413
Clinic	1,531	2,121	2,027	2,183	2,256	320	714	807	963	1,105
Laboratory [4]	3,212	6,354	7,123	7,596	7,579	121	337	424	475	543
Home health	392	535	593	609	569	332	1,120	1,352	1,690	2,015
Prescribed drugs	13,707	13,921	14,704	15,083	15,323	1,318	2,315	2,692	2,988	3,294
Family planning	1,129	1,636	1,732	1,652	1,525	81	195	226	228	206

[1] Recipient data do not add due to small number of recipients that are reported in more than one category. Includes recipients of and payments for other care not shown separately. [2] Permanently and totally. [3] Aid to families with dependent children. [4] Includes radiological services.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, quarterly.

No. 150. Indexes of Medical Care Prices: 1970 to 1988

[1982–1984 = 100. Indexes are components of consumer price index; for explanation, see text, section 15. See *Historical Statistics, Colonial Times to 1970*, series B 262–272 for similar data]

Year	Index, total	Medical care services: Total [1]	Professional services: Total [1]	Professional services: Physicians	Professional services: Dental	Hospital room	Medical care commodities [2]	Annual percent change: Total [1]	Medical care services: Total [1]	Medical care services: Physicians	Medical care services: Dental	Medical care services: Hospital room	Medical care commodities [2]
1970	34.0	32.3	37.0	34.5	39.2	23.6	46.5	[3] 6.6	[3] 7.0	[3] 7.5	[3] 5.7	[3] 12.9	[3] 2.4
1971	36.1	34.7	39.4	36.9	41.7	26.5	47.3	6.2	7.4	7.0	6.4	12.3	1.7
1972	37.3	35.9	40.8	38.0	43.4	28.2	47.4	3.3	3.5	3.0	4.1	6.4	.2
1973	38.8	37.5	42.2	39.3	44.8	29.6	47.5	4.0	4.5	3.4	3.2	5.0	.2
1974	42.4	41.4	45.8	42.9	48.2	32.7	49.2	9.3	10.4	9.2	7.6	10.5	3.6
1975	47.5	46.6	50.8	48.1	53.2	38.3	53.3	12.0	12.6	12.1	10.4	17.1	8.3
1976	52.0	51.3	55.5	53.5	56.5	43.6	56.5	9.5	10.1	11.2	6.2	13.8	6.0
1977	57.0	56.4	60.0	58.5	60.8	48.6	60.2	9.6	9.9	9.3	7.6	11.5	6.5
1978	61.8	61.2	64.5	63.4	65.1	54.0	64.4	8.4	8.5	8.4	7.1	11.1	7.0
1979	67.5	67.2	70.1	69.2	70.5	60.1	69.0	9.2	9.8	9.1	8.3	11.3	7.1
1980	74.9	74.8	77.9	76.5	78.9	68.0	75.4	11.0	11.3	10.5	11.9	13.1	9.3
1981	82.9	82.8	85.9	84.9	86.5	78.1	83.7	10.7	10.7	11.0	9.6	14.9	11.0
1982	92.5	92.6	93.2	92.9	93.1	90.4	92.3	11.6	11.8	9.4	7.6	15.7	10.3
1983	100.6	100.7	99.8	100.1	99.4	100.6	100.2	8.8	8.7	7.8	6.8	11.3	8.6
1984	106.8	106.7	107.0	107.0	107.5	109.0	107.5	6.2	6.0	6.9	8.1	8.3	7.3
1985	113.5	113.2	113.5	113.3	114.2	115.4	115.2	6.3	6.1	5.9	6.2	5.9	7.2
1986	122.0	121.9	120.8	121.5	120.6	122.3	122.8	7.5	7.7	7.2	5.6	6.0	6.6
1987	130.1	130.0	128.8	130.4	128.8	131.1	131.0	6.6	6.6	7.3	6.8	7.2	6.7
1988	138.6	138.3	137.5	139.8	137.5	143.3	139.9	6.5	6.4	7.2	6.8	9.3	6.8

[1] Includes other services, not shown separately. [2] Prior to 1978, covers drugs and prescriptions only. [3] Change from 1969.

Source: U.S. Bureau of Labor Statistics, *CPI Detailed Report*, January 1989, and unpublished data.

No. 151. Average Annual Expenditures of Consumer Units for Health Care, 1984 to 1987, and by Selected Characteristics, 1987

[In **dollars, except percent**. See text, section 14, and headnote, table 713. For composition of regions, see fig. I, inside front cover]

Item	Health care, total: Amount	Health care, total: Percent of total expenditures	Health insurance	Medical services	Drugs and medical supplies [1]	Percent distribution: Health care, total	Percent distribution: Health insurance	Percent distribution: Medical services	Percent distribution: Drugs and medical supplies [1]
ALL CONSUMER UNITS									
1984	1,049	4.8	370	454	225	100.0	35.3	43.3	21.4
1985	1,108	4.7	375	496	238	100.0	33.8	44.8	21.5
1986	1,135	4.8	371	502	261	100.0	32.7	44.2	23.0
1987	**1,135**	**4.6**	**392**	**467**	**276**	**100.0**	**34.5**	**41.1**	**24.3**
Age of reference person:									
Under 25 years old	338	2.4	99	155	84	100.0	29.3	45.9	24.9
25–34 years old	766	3.2	247	357	162	100.0	32.2	46.6	21.1
35–44 years old	1,085	3.4	323	541	221	100.0	29.8	49.9	20.4
45–54 years old	1,255	4.0	383	563	309	100.0	30.5	44.9	24.6
55–64 years old	1,383	5.4	478	533	371	100.0	34.6	38.5	26.8
65–74 years old	1,688	8.9	668	585	436	100.0	39.6	34.7	25.8
75 years old and over	1,596	13.0	687	448	461	100.0	43.0	28.1	28.9
Region of residence:									
Northeast	1,051	4.2	342	461	249	100.0	32.5	43.9	23.7
Midwest	1,099	4.8	388	423	288	100.0	35.3	38.5	26.2
South	1,204	5.2	436	466	303	100.0	36.2	38.7	25.2
West	1,152	4.2	375	528	249	100.0	32.6	45.8	21.6
Size of consumer unit:									
One person	695	4.7	253	270	172	100.0	36.4	38.8	24.7
Two persons	1,423	5.7	514	527	382	100.0	36.1	37.0	26.8
Three persons	1,221	4.3	404	543	273	100.0	33.1	44.5	22.4
Four persons	1,198	3.7	398	533	267	100.0	33.2	44.5	22.3
Five persons	1,283	4.0	411	602	270	100.0	32.0	46.9	21.0
Six persons or more	1,268	4.1	349	631	288	100.0	27.5	49.8	22.7
Income before taxes:									
Complete income reporters [2]	1,135	4.6	391	457	287	100.0	34.4	40.3	25.3
Quintiles of income:									
Lowest 20 percent	734	7.1	274	253	207	100.0	37.3	34.5	28.2
Second 20 percent	1,061	6.8	402	365	294	100.0	37.9	34.4	27.7
Third 20 percent	1,146	5.3	434	445	267	100.0	37.9	38.8	23.3
Fourth 20 percent	1,211	4.1	418	502	292	100.0	34.5	41.5	24.1
Highest 20 percent	1,523	3.3	427	721	375	100.0	28.0	47.3	24.6
Incomplete reporters of income	1,140	5.0	393	524	223	100.0	35.5	46.0	19.6

[1] Includes prescription and non-prescription drugs. [2] A complete reporter is a consumer unit providing values for at least one of the major sources of income.

Source: U.S. Bureau of Labor Statistics, *Consumer Expenditure Survey*, annual.

No. 152. Health Insurance Coverage Status, by Selected Characteristics: 1985 to 1987

[Data represents monthly averages for **first quarter**. Government health insurance includes Medicare, Medicaid, and military plans. Based on Survey of Income and Program Participation; see text, p. 423]

Characteristic	Number (mil.)						Percent				
	Total	Covered by private or Government health insurance				Not covered by health insurance	Total	Covered by private or Government health insurance			Not covered by health insurance
		Total [1]	Covered by private insurance		Covered by Medicaid			Total [1]	Private	Covered by Medicaid	
			Total	Related to employment [2]							
1985 [3]	234.0	199.4	174.6	141.3	16.1	34.6	100.0	85.2	74.6	6.9	14.8
1986	236.7	202.6	177.5	144.1	16.7	34.2	100.0	85.6	75.0	7.1	14.4
1987, total persons [4]	**238.8**	**205.9**	**180.9**	**146.6**	**17.6**	**32.9**	**100.0**	**86.2**	**75.8**	**7.4**	**13.8**
Male	116.0	98.4	86.0	72.8	6.5	17.5	100.0	84.9	75.9	5.6	15.1
Female	122.8	107.5	92.9	73.8	11.0	15.3	100.0	87.5	75.6	9.0	12.5
White	202.8	117.2	160.2	129.5	10.7	25.6	100.0	87.4	79.0	5.3	12.6
Black	29.0	23.1	16.1	13.2	6.1	5.9	100.0	79.6	55.5	21.0	20.4
Hispanic origin [5]	18.7	13.1	9.7	8.3	3.0	5.6	100.0	69.9	52.0	15.9	30.1
Under 16 years	55.8	46.8	38.8	33.5	7.5	9.0	100.0	83.8	69.4	13.4	16.2
16–24 years	34.0	26.2	23.8	18.6	2.2	7.7	100.0	77.2	70.0	6.4	22.8
25–34 years	42.6	35.5	32.4	28.9	2.5	7.1	100.0	83.3	76.1	6.0	16.7
35–44 years	33.7	29.7	27.9	25.3	1.3	4.0	100.0	88.0	82.6	3.9	12.0
45–54 years	22.8	20.2	19.0	16.6	.8	2.6	100.0	88.7	83.2	3.5	11.3
55–64 years	22.0	19.7	18.0	14.6	1.0	2.2	100.0	89.8	82.1	4.6	10.2
65 years and over	27.9	27.7	21.1	9.2	2.2	.2	100.0	99.5	75.7	7.9	.5

[1] Includes other Government insurance, not shown separately. [2] Related to current or prior employment of self or other family members. [3] Revised since originally published. [4] Includes other races, not shown separately. [5] Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, unpublished data.

No. 153. Health Maintenance Organizations (HMO)—Number and Enrollment, by Type and Size of Organization: 1976 to 1989

[As of **June 30**, except as noted. Under the Health Maintenance Organization Act, an HMO must have four characteristics: (1) an organized system for providing health care in a geographic area, for which the HMO is responsible for providing or otherwise assuring its delivery; (2) an agreed upon set of basic and supplemental health maintenance and treatment services; (3) a voluntarily enrolled group of people; and (4) community rating. A **group HMO** contracts with one or more medical groups to provide services to members and generally provides all services except hospital care under one roof. Data for group model HMOs include staff model HMOs (a model in which the HMO hires its own physicians) and network HMOs (an HMO that provides comprehensive health services to members in two or more distinct geographic areas. **Individual practice association (IPA) HMO** contracts with a physician organization that in turn contracts with individual physicians. IPA physicians provide care to HMO members from their private offices and continue to see their fee-for-service patients]

Type of practice and size	1976	1979	1980	1981	1982	1983	1984 (Dec.)	1985	1986	1987	1988	1989 (Jan. 1)
Number of plans												
Total	**175**	**215**	**236**	**243**	**265**	**280**	**337**	**393**	**595**	**662**	**643**	**607**
Group	134	136	139	153	168	181	195	212	250	245	231	220
I.P.A	41	79	97	90	97	99	142	181	345	417	412	387
Less than 15,000 members	128	135	144	131	122	137	143	171	315	325	271	229
15,000–24,999 members	15	34	36	41	46	42	45	56	63	86	98	102
25,000–49,999 members	12	25	28	39	46	61	78	79	107	100	114	112
50,000–99,999 members	7	7	15	15	13	19	40	51	67	89	86	89
100,000 members or more	10	14	13	17	18	21	31	36	47	62	74	74
Enrollment (1,000)												
Total	**6,016**	**8,226**	**9,100**	**10,266**	**10,831**	**12,491**	**16,743**	**18,894**	**23,664**	**28,587**	**31,366**	**31,940**
Group	5,627	6,942	7,406	8,681	9,361	10,602	13,075	14,247	15,210	17,261	17,883	18,371
I.P.A	390	1,284	1,694	1,582	1,471	1,889	3,667	4,646	8,454	11,326	13,483	13,569
Less than 15,000 members	620	733	870	836	839	874	975	1,020	1,514	1,797	1,794	1,591
15,000–24,999 members	297	683	732	799	919	842	867	1,101	1,220	1,681	1,933	2,044
25,000–49,999 members	365	827	907	1,305	1,561	2,062	2,699	2,813	3,791	3,564	4,011	3,927
50,000–99,999 members	525	430	976	1,038	852	1,257	2,577	3,315	4,828	6,343	6,041	6,274
100,000 members or more	4,210	5,553	5,615	6,289	6,660	7,455	9,625	10,646	12,311	15,202	17,587	18,104

Source: Group Health Association of America, Inc., Washington, DC, releases, and Interstudy, Excelsior, MN, *The Interstudy Edge*, 1989, vol. 2, and earlier publications (copyright).

No. 154. Physicians, Dentists, and Nurses: 1970 to 1987

[Physicians, dentists, and nurses as of **end of year**, except as noted. Data for physicians include Puerto Rico and outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series B 275-290]

UNIT	Unit	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
Physicians, number [1]	**1,000**	**348**	**409**	**487**	**505**	**523**	**542**	(NA)	**577**	**595**	**612**
Rate per 100,000 population [2]	Rate	168	187	211	217	222	228	(NA)	237	246	252
Doctors of medicine [3]	1,000	334	394	468	485	502	520	(NA)	553	569	586
Active non-Federal [4]	1,000	281	312	397	411	430	447	(NA)	476	484	500
Rate per 100,000 population [4 5]	Rate	137	143	172	177	184	190	(NA)	201	202	205
Active foreign medical school graduates [4 6]	1,000	54	(NA)	82	90	96	100	(NA)	105	107	(NA)
Doctors of osteopathy	1,000	14	15	19	20	21	22	23	24	25	27
Medical and osteopathic schools [7]	Number	107	123	140	142	142	142	142	142	142	142
Students [7]	1,000	39.7	57.2	70.1	71.6	72.6	73.5	73.6	73.2	72.8	72.3
Graduates [7]	1,000	8.8	13.4	16.2	16.8	17.0	17.1	17.6	17.8	17.4	17.5
Newly licensed physicians, total [6 8]	1,000	11.0	16.9	18.2	18.8	17.6	20.6	18.3	18.3	19.6	(NA)
Percent of total active M.D.'s [9]	Percent	3.5	4.6	4.2	4.2	4.1	4.3	(NA)	3.6	3.8	(NA)
Graduates of—											
U.S. and Canadian medical schools	1,000	8.0	10.9	14.9	15.7	13.4	15.8	14.2	15.3	16.7	(NA)
Foreign medical schools	1,000	3.0	6.0	3.3	3.1	4.2	4.8	4.1	3.0	2.9	(NA)
Percent of total newly licensed	Percent	27.3	35.4	18.2	16.6	23.8	23.1	22.3	16.7	15.0	(NA)
Dentists, number	**1,000**	**116**	**127**	**141**	**144**	**147**	**150**	**153**	**156**	**158**	**161**
Active (exc. in Federal service)	1,000	96	107	121	124	127	130	133	136	138	140
Rate per 100,000 population [5]	Rate	47	50	54	54	55	56	57	57	57	58
Dental schools [10]	Number	53	59	60	60	60	60	60	60	60	59
Students [10]	1,000	16.0	20.1	22.5	22.6	22.2	21.4	20.6	19.6	18.7	17.9
Graduates [10]	1,000	3.7	5.0	5.3	5.6	5.4	5.8	5.3	5.4	5.0	4.7
Nurses, number (active registered)	**1,000**	**750**	**961**	**1,273**	**1,327**	**1,380**	**1,439**	**1,486**	**1,544**	**1,589**	**1,627**
Rate per 100,000 population [2]	Rate	368	446	560	578	595	615	629	647	659	668
Nursing programs [11]	Number	1,340	1,362	1,385	1,401	1,432	1,466	1,477	1,473	1,469	1,465
Students [11]	1,000	163	248	231	235	242	251	237	218	194	183
Graduates [11]	1,000	46	77	76	74	74	77	80	82	77	71

NA Not available. [1] Includes not classified, inactive, and Federal physicians [2] Based on Bureau of the Census resident population estimates as of July 1. [3] Excludes non-Federal physicians with temporary foreign addresses; see headnote, table 155. 1987 data as of Jan. 1, 1988. [4] Excludes nonclassified physicians. [5] Based on Bureau of the Census civilian population estimates as of July 1. [6] Foreign medical graduates exclude graduates of Canadian schools. [7] Based on data from annual surveys conducted by the Association of American Medical Colleges and the American Association of Colleges of Osteopathic Medicine. [8] Source: American Medical Association, Chicago, IL, *U.S. Medical Licensure Statistics, 1984 and License Requirements, 1985*, and *Physician Characteristics and Distribution in the U.S.*, annual. (Copyright.) [9] Excludes M.D.'s with unknown addresses. Includes those not classified. [10] Based on data from the American Dental Association, Council on Dental Education, *Annual Report on Dental Education*. [11] Number of programs and students are as of October 15 and number of graduates are for academic year ending in year shown; from National League for Nursing, *NLN Data Book*, annual issues.

Source: Except as noted, U.S. Dept. of Health and Human Services, Health Resources and Services Administration, unpublished data. Prior to 1980, data were published by U.S. National Center for Health Statistics in *Health Resources Statistics*, annual.

No. 155. Physicians, by Type of Practice: 1970 to 1987

[As of **December 31**, except as indicated. Includes Puerto Rico and outlying areas. Excludes 4,148 non-Federal physicians with temporary foreign addresses in 1970, 5,559 in 1975, 6,755 in 1980, 6,259 in 1981, 174 in 1982, 7,039 in 1983, 7,514 in 1985, 8,072 in 1986, and 8,947 in 1987]

TYPE OF PRACTICE	NUMBER (1,000)									PERCENT DISTRIBUTION			
	1970	1975	1980	1981	1982	1983	1985	1986	1987	1970	1980	1985	1987
All physicians	**348.3**	**409.0**	**486.5**	**504.7**	**522.5**	**541.1**	**576.7**	**594.7**	**612.4**	**100**	**100**	**100**	**100**
Doctors of medicine [1]	**334.0**	**393.7**	**467.7**	**485.1**	**502.0**	**519.5**	**552.7**	**569.2**	**585.6**	**96**	**96**	**96**	**96**
Active M.D.'s [2]	311.2	366.4	435.5	444.9	462.9	479.4	511.0	519.4	534.7	89	90	89	87
Non-Federal [3]	301.3	359.7	443.5	460.1	479.2	496.9	528.2	544.3	561.0	87	91	92	92
Patient care	255.0	287.8	361.9	373.6	393.3	408.1	431.5	444.7	461.2	73	74	75	75
Office based [4]	188.9	213.3	271.2	286.5	297.5	308.3	329.0	325.8	337.5	54	56	57	55
General practice [5]	50.8	46.3	47.7	49.4	50.4	51.4	53.9	53.6	55.1	12	10	9	9
Specialty	138.1	167.0	223.5	237.1	247.1	257.0	275.2	272.1	282.4	40	46	48	46
Training programs	45.8	53.5	59.6	60.5	66.7	70.6	72.2	[6] 85.4	[6] 87.5	13	12	13	14
Full-time hospital staff	20.3	21.0	31.0	26.6	29.1	29.2	30.3	33.5	36.2	6	6	5	6
Other professional activity	26.3	24.3	35.2	37.3	36.6	39.3	44.0	39.1	38.4	8	7	8	6
Retired, not in practice	19.6	21.4	25.7	35.0	35.7	36.9	38.6	46.8	48.0	6	5	7	8
Federal	29.5	28.2	17.8	19.8	19.5	19.4	21.6	21.9	21.7	8	4	4	4
Patient care [7]	23.5	24.1	14.6	15.7	15.4	15.3	17.3	17.4	17.3	7	3	3	3
Full-time hospital staff	14.6	17.7	11.4	11.4	11.4	11.1	12.9	12.9	13.0	4	2	2	2
Other professional activity	6.0	4.1	3.2	4.1	4.1	4.0	4.3	4.5	4.5	2	1	1	1
Doctors of osteopathy [8]	**14.3**	**15.4**	**18.8**	**19.6**	**20.5**	**21.6**	**24.0**	**25.5**	**26.8**	**4**	**4**	**4**	**4**

[1] Includes physicians with unknown addresses and those not classified, not shown separately. [2] Excludes physicians of unknown addresses. [3] Includes physicians inactive and not classified. Excludes unknown addresses. 1987 data as of Jan. 1, 1988. [4] Covers all physicians rendering patient care (or patient services by pathologists) in solo, partnership, group practice, or other arrangement and those in industry, insurance companies, health depts., laboratories, etc. [5] Includes family practice. [6] Includes 7,828 clinical fellows in 1986 and 7,987 in 1987. [7] Includes Federal physicians in office-based practice and training programs. [8] Source: American Osteopathic Association, Chicago, IL.

Source: Except as noted, 1970 and 1975, U.S. National Center for Health Statistics, *Health Resources Statistics*, annual; American Medical Association, Chicago, IL, thereafter, *Physician Characteristics and Distribution in the U.S.*, annual (copyright).

No. 156. Non-Federal Physicians, 1980 and 1987, and Dentists, 1987—States

[As of **Dec. 31, except as noted.** Excludes doctors of osteopathy, Federal physicians and dentists, and physicians with addresses unknown. Includes all physicians not classified according to activity status. For composition of regions, see fig. I, inside front cover]

Region, division, and state	Active physicians: Total 1980	Active physicians: Total 1987 [1]	Active physicians: Rate [2] 1980	Active physicians: Rate [2] 1987	Active dentists, 1987: Total	Active dentists, 1987: Rate [2]
U.S	**413,692**	**506,474**	**184**	**210**	**140,300**	**58**
Region:						
Northeast	112,382	135,543	229	270	34,930	70
Midwest	94,444	110,076	161	185	36,230	61
South	119,770	153,955	114	186	39,000	47
West	87,096	106,900	204	218	30,140	61
N. Eng	**29,539**	**35,887**	**240**	**280**	**8,950**	**70**
ME	1,680	2,036	151	173	590	50
NH	1,490	1,959	162	186	560	53
VT	1,087	1,334	213	244	350	64
MA	15,564	18,812	272	322	4,460	76
RI	1,988	2,393	211	244	520	53
CT	7,730	9,353	250	293	2,470	77
Mid. Atl	**82,843**	**99,656**	**226**	**267**	**25,980**	**69**
NY	46,808	54,745	267	307	13,360	75
NJ	13,937	17,899	190	234	5,290	69
PA	22,098	27,012	186	227	7,330	61
E. No. Cent	**67,453**	**78,413**	**162**	**187**	**25,410**	**61**
OH	17,458	20,598	162	191	6,160	57
IN	7,022	8,323	128	151	2,720	49
IL	20,885	24,194	183	210	7,160	62
MI	14,626	18,584	158	180	5,960	65
WI	7,462	8,714	159	181	3,410	71
W. No. Cent	**26,991**	**31,663**	**158**	**180**	**10,820**	**62**
MN	7,718	9,008	189	212	3,030	71
IA	3,657	4,098	126	145	1,750	62
MO	7,979	9,683	163	190	2,830	56
ND	884	1,101	138	167	380	58
SD	766	973	112	138	390	55
NE	2,319	2,655	149	168	1,150	73
KS	3,668	4,145	157	169	1,290	53
So. Atl	**65,607**	**85,304**	**180**	**207**	**19,870**	**48**
DE	949	1,229	161	191	300	47
MD	11,210	14,576	269	325	3,030	68
DC	3,474	3,627	551	591	580	94
VA	9,154	11,701	176	204	3,070	54
WV	2,610	3,120	134	164	920	48
NC	8,874	11,276	153	179	2,710	43
SC	4,129	5,246	135	156	1,440	43
GA	7,728	10,294	143	167	2,650	43
FL	17,479	24,235	181	203	5,170	43
E. So. Cent	**19,509**	**24,369**	**134**	**160**	**7,320**	**48**
KY	4,820	5,953	133	161	2,040	55
TN	7,169	9,022	157	187	2,680	55
AL	4,856	6,137	125	151	1,660	41
MS	2,664	3,257	107	125	940	36
W. So. Cent	**34,654**	**44,282**	**147**	**166**	**11,810**	**44**
AR	2,772	3,414	122	144	960	40
LA	6,501	8,126	156	184	1,970	45
OK	3,850	4,691	129	145	1,510	47
TX	21,531	28,051	153	169	7,370	44
Mt	**18,497**	**23,154**	**164**	**177**	**7,260**	**56**
MT	1,040	1,207	133	150	540	67
ID	1,007	1,192	107	120	560	56
WY	530	648	114	134	280	58
CO	5,664	6,574	199	202	2,140	66
NM	1,972	2,554	153	173	710	48
AZ	4,814	6,442	179	191	1,460	43
UT	2,373	2,966	163	177	1,130	68
NV	1,097	1,571	139	158	440	44
Pac	**68,599**	**83,746**	**218**	**232**	**22,880**	**63**
WA	7,381	9,245	181	206	3,130	70
OR	4,760	5,325	181	196	2,050	75
CA	54,082	66,184	231	242	16,730	61
AK	491	688	130	138	300	60
HI	1,885	2,304	208	225	670	65

[1] As of January 1, 1988. [2] Per 100,000 civilian population. Based on U.S. Bureau of the Census estimates as of April 1 for 1980, and as of July 1 for 1987.

Source: Physicians: American Medical Association, Chicago, IL, *Physician Characteristics and Distribution in the U.S.*, annual (copyright); Dentists: U.S. Dept. of Health and Human Services, Health Resources and Services Administration, unpublished data. Based on data supplied by American Dental Association, Bureau of Economic and Behavioral Research.

No. 157. Physicians, by Sex, Specialty, and Major Professional Activity: 1970 to 1987

[**In thousands, except percent.** As of **December 31 through 1985; 1987 as of January 1, 1988.** Includes Puerto Rico and outlying areas]

Specialty	1970: Total	1970: Percent	1975, total	1980, total	1985, total	1987: Total: Number	1987: Total: Percent	1987: Patient care: Total	1987: Patient care: Office-based	1987: Patient care: Hospital-based: Full-time	1987: Patient care: Hospital-based: Residents [1]	1987: Other professional [2]
Total [3]	**[4] 334.0**	**100.0**	**[4] 393.7**	**[4] 467.7**	**[4] 552.7**	**[4] 585.6**	**100.0**	**478.5**	**338.7**	**49.3**	**90.6**	**42.8**
Male	(NA)	(NA)	[4] 358.1	[4] 413.4	[4] 472.0	[4] 492.9	84.2	402.6	297.7	39.6	65.3	36.4
Female	(NA)	(NA)	[4] 35.6	[4] 54.3	[4] 80.7	[4] 92.8	15.8	75.9	41.0	9.7	25.3	6.4
General practice	57.9	17.3	54.6	60.0	67.1	69.3	11.8	67.2	55.6	4.3	7.4	2.1
Internal medicine	41.9	12.5	54.3	71.5	90.4	94.7	16.2	84.7	55.6	7.4	21.7	9.9
Pediatrics	17.9	5.4	21.7	28.3	35.6	38.2	6.5	34.9	23.5	3.4	8.0	3.3
General surgery	29.8	8.9	31.6	34.0	38.2	37.8	6.5	36.2	23.7	2.8	9.7	1.6
Obstetrics, gynecology	18.9	5.7	21.7	26.3	30.9	32.3	5.5	31.1	24.3	1.8	5.1	1.1
Orthopedic surgery	9.6	2.9	11.4	14.0	17.2	18.2	3.1	17.8	13.5	1.0	3.3	.4
Ophthalmology	9.9	3.0	11.1	13.0	14.9	15.6	2.7	15.1	12.5	.6	1.9	.5
Psychiatry	21.1	6.3	23.9	27.5	32.3	33.7	5.8	30.3	18.8	5.9	5.6	3.4
Anesthesiology	10.1	3.0	12.9	16.0	22.0	24.3	4.1	23.2	16.0	2.9	4.3	1.1
Pathology	10.3	3.1	11.7	13.4	15.5	16.2	2.8	13.0	6.8	3.4	2.9	3.2
Radiology	10.5	3.1	11.5	11.7	10.1	8.4	1.4	7.8	6.2	1.3	.4	.6

NA Not available. [1] Includes interns and, beginning 1987, clinical fellows (8,379). [2] Medical teaching, administration, research, and other. [3] Includes other specialties not shown separately. [4] Includes physicians who are inactive, not classified, or with address unknown, not shown separately.

Source: American Medical Association, Chicago, IL, *Distribution of Physicians in the United States, 1970, Physician Distribution and Medical Licensure in the U.S., 1975*; and, beginning 1980, *Physician Characteristics and Distribution in the U.S.*, annual (copyright).

No. 158. Physician and Dental Visits by Patient Characteristics: 1970 to 1987

[See headnote, table 182. Based on National Health Interview Survey; see Appendix III]

Type of visit and year	Total visits (mil.)				Visits per person									
	Sex		Race [1]		Sex		Race [1]		Age (years)					
	Male	Female	White	Black	Male	Female	White	Black	Under 6	6 to 16	17 to 24	25 to 44	45 to 64	65 and over
Physicians: 1970	396	531	832	87	4.1	5.1	4.8	3.9	5.9	2.9	4.6	4.6	5.2	6.3
1980	426	610	903	115	4.0	5.4	4.8	4.5	6.7	3.2	4.0	4.6	5.1	6.4
1983	470	694	1,018	126	4.3	5.8	5.2	4.6	6.5	3.2	4.0	4.7	5.8	7.6
1985	498	733	1,074	132	4.4	6.1	5.4	4.7	6.3	3.1	4.2	4.9	6.1	8.3
1986	515	756	1,110	131	4.5	6.2	5.5	4.6	[2] 6.3	[3] 3.3	[4] 4.2	4.7	6.6	9.1
1987	523	765	1,118	140	4.5	6.2	5.5	4.9	[2] 6.7	[3] 3.3	[4] 4.4	4.8	6.4	8.9
Dentists: 1970	133	171	283	17	1.4	1.7	1.6	.8	.5	1.9	1.8	1.7	1.5	1.1
1980	158	207	333	26	1.5	1.8	1.8	1.0	.5	2.3	1.6	1.7	1.8	1.4
1983	183	239	382	31	1.6	2.0	1.9	1.1	.5	2.6	1.6	1.9	2.0	1.5
1986	210	256	416	37	1.9	2.2	2.1	1.4	[2] .7	[3] 2.4	[4] 1.7	2.0	2.2	2.1

[1] See footnote 2, table 182. [2] Under 5. [3] 5 to 17. [4] 18 to 24.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics,* series 10, and unpublished data.

No. 159. Physicians' Median Earnings from Practice: 1975 to 1987

[**In thousands of dollars.** *Unincorporated:* Net earnings from practice represent residual after payment of tax-deductible professional expenses but before payment of income taxes. Covers office-based, patient-care doctors of medicine (M.D.'s.). *Incorporated:* Applies to office-based, patient-care M.D.'s who are shareholders of a medical corporation. Earnings include salary, bonuses (if any), and funds set aside by corporation for individual's retirement. Based on random sampling of office-based M.D.'s. 1987 data are based on 9,048 returned questionnaires from M.D.'s (31.9 percent of those mailed in 1988). For definition of median, see Guide to Tabular Presentation. For composition of divisions, see fig. I, inside front cover. See *Historical Statistics, Colonial Times to 1970,* series D 918 for physicians]

Year, region, and division	Gross earnings	Net earnings		
		Total	Incorporated	Unincorporated
1975	(NA)	58.4	76.3	47.5
1980	132.2	83.7	95.1	63.8
1985	182.3	102.5	120.1	79.0
1986	200.3	112.8	127.8	80.4
1987	**210.5**	**116.4**	**133.9**	**93.3**
Northeast	198.3	109.0	130.5	95.5
New England	181.0	100.0	123.3	(B)
Middle Atlantic	202.6	112.4	132.5	99.2
Midwest	210.1	120.7	134.3	89.6
East North Central	207.9	120.3	133.3	88.9
West North Central	214.8	121.7	137.5	(B)
South	220.8	122.5	148.0	102.7
South Atlantic	219.9	123.8	155.1	97.1
East South Central	207.8	135.0	156.9	(B)
West South Central	233.8	118.6	135.0	110.0
West	206.4	110.3	126.2	89.2
Mountain	223.1	113.2	124.0	(B)
Pacific	200.9	109.1	127.2	87.1

Location of M.D.'s office, years in practice, and type of practice	Gross earnings	Net earnings
1987—Con.		
Urban	212.7	121.1
Suburban	211.2	114.9
Rural	205.1	107.1
1–2 years	156.4	87.9
3–5 years	210.0	110.4
6–10 years	242.8	133.9
11–20 years	241.0	128.2
21–30 years	208.2	110.5
31 years or more	154.7	90.0
Incorporated: Solo	247.3	123.6
2 shareholders	243.8	141.3
3 shareholders	282.8	175.0
4 or more shareholders	245.0	144.8
Unincorporated: Solo	155.4	87.1
Expense-sharing	188.3	105.0
2 or 3 partners	192.5	105.5
4 or more partners	180.0	119.0

B Base figure too small to meet statistical standards for reliability of derived figure. NA Not available.

No. 160. Office-Based Physicians' Median Earnings from Practice, by Specialty: 1987

[See headnote, table 159. Total includes specialties not shown separately]

Specialty	Gross earnings ($1,000)	Net earnings ($1,000)	Net earnings from practice—percent distribution						
			Less than $40,000	$40,000–$69,999	$70,000–$99,999	$100,000–$124,999	$125,000–$149,999	$150,000–$199,999	$200,000 or more
M.D.'s total	**210.5**	**116.4**	**5**	**13**	**20**	**19**	**12**	**14**	**17**
Anesthesiologists	214.7	161.7	–	2	7	13	20	27	31
Cardiovascular surgeons	480.7	271.6	1	1	5	4	6	13	70
Family physicians	185.0	87.1	4	24	35	21	8	5	3
General practitioners	146.4	79.9	13	25	32	17	6	5	2
General surgeons	235.9	130.5	3	7	16	21	12	19	22
Internists	183.4	98.4	8	17	27	20	13	10	5
Neurosurgeons	413.1	236.5	1	2	3	7	7	17	63
OB/GYN [1]	290.8	137.9	3	9	14	16	13	18	27
Ophthalmologists	357.1	167.9	1	7	11	17	8	18	38
Orthopedic surgeons	364.3	193.3	–	4	6	13	10	19	48
Otolaryngologists	320.2	143.6	5	8	9	13	19	21	25
Pediatricians	171.1	88.5	10	21	30	21	11	6	1
Plastic surgeons	378.3	179.2	1	6	8	14	12	18	41
Psychiatrists	140.0	93.8	8	21	24	17	12	13	5
Radiologists	217.2	165.9	1	7	8	12	13	25	34
Thoracic surgeons	326.6	166.7	4	8	12	12	9	15	40
Urologists	248.7	145.0	3	7	14	15	16	21	24

– Represents or rounds to zero. [1] Obstetrician-gynecologists.

Source of tables 159 and 160: Medical Economics Company, Oradell, NJ, *Medical Economics.* (Copyright © by Medical Economics Company; further reproduction prohibited without written permission of copyright owner.)

No. 161. Hospital Registered Nursing Personnel—Summary: 1988

[**In percent, except as indicated.** Based on a sample of 1,402 (20%) U.S. hospitals registered and unregistered by the American Hospital Association, with a response rate of 58%. For details see source. For an explanation of mean, see Guide to Tabular Presentation]

CHARACTERISTIC	1988
Total full-time registered nurses per hospital (mean)	104
LENGTH OF EMPLOYMENT AT HOSPITAL	
Full-time: Less than 1 year	17.9
1 to 2 years	13.7
2 to 5 years	22.3
5 years or more	46.2
Part-time: Less than 1 year	21.3
1 to 2 years	15.0
2 to 5 years	21.9
5 years or more	39.4
No response	2.4
EDUCATIONAL ATTAINMENT	
Associate degree in Nursing	41.7
Nursing diploma	33.2
Baccalaureate degree in Nursing	22.7
Master's degree in Nursing	2.3
SALARY/WAGES (dol.)	
Full-time head nurse:	
Lowest mean annual salary paid	26,859
Highest mean annual salary paid	30,557
Registered nurse, full-time:	
Lowest mean hourly wage paid	10.51
Highest mean hourly wage paid	14.02
Mean hourly wage paid	12.17
SALARY/WAGES (dol.)—Continued	
Registered nurse, part-time:	
Lowest mean hourly wage paid	10.55
Highest mean hourly wage paid	13.77
TURNOVER RATE	
Annual percent	18.7
HOSPITAL STAFFING MECHANISMS [1]	
Per-diem	58.0
Float-pool [2]	49.8
On-call	50.9
Temporary nursing service	49.3
Other	16.8
HOSPITAL POSITION SCHEDULES [3]	
Days only	28.9
Evenings only	20.8
Nights only	17.4
Shifts: Day/evening	8.8
Day/night	6.9
Evening/night	2.7
Rotate all	14.5
HOSPITAL BARGAINING STATUS	
Organized for the purpose of collective bargaining	19.7

[1] Percent of hospitals with each mechanism. Includes multiple responses. [2] In-house nursing staff personnel routinely assigned schedules who work different units in the institution according to the demands of variable patient volume and acuity levels. [3] Percent of positions.

Source: American Hospital Association, Chicago, IL, *Report of the Hospital Nursing Personnel Survey, 1988* (copyright).

No. 162. Hospitals and Nursing Homes—Summary Characteristics: 1971 to 1986

[Except as indicated, based on National Master Facility Inventory]

YEAR AND TYPE OF FACILITY	Total	FACILITIES UNDER—			FACILITIES WITH—			Residents [2] (1,000)	Full-time employees (1,000)
		Govt. control	Proprietary control	Nonprofit control	Less than 25 beds [1]	25-74 beds	75 or more beds		
1971: All facilities	29,682	4,178	18,091	7,413	8,902	10,959	9,821	2,262	3,007
Nursing homes [3]	22,004	1,368	17,049	3,587	8,266	8,259	5,479	1,076	568
Hospitals	7,678	2,810	1,042	3,826	636	2,700	4,342	1,186	2,439
1980: All facilities	30,116	3,498	19,611	7,007	8,852	8,573	12,691	2,427	3,919
Nursing homes [3 4 5]	23,065	936	18,669	3,460	8,498	6,362	8,205	1,396	[6] 798
Hospitals	7,051	2,562	942	3,547	354	2,211	4,486	1,031	3,121
1986: All hospitals [7]	6,954	2,230	1,176	3,548	290	2,150	4,514	874	3,241
General	5,956	1,871	829	3,256	259	1,849	3,848	690	2,871
Psychiatric	584	267	218	99	12	140	432	139	248
Chronic	44	30	4	10	–	6	38	13	21
Tuberculosis	4	3	–	1	–	1	3	–	1
Nursing homes [3 5]	25,646	1,045	20,223	4,378	9,613	6,605	9,428	1,553	(NA)

– Represents or rounds to zero. NA Not available. [1] For hospitals, minimum of 6 beds; for nursing homes, minimum of 3 beds. [2] Number of residents as of date of interview. [3] See footnote 1, table 175. [4] Includes 1978 data for Alaska and South Dakota. [5] Excludes hospital-based nursing homes; 1986 data based on the 1986 Inventory of Long-Term Care Places. Data may not be strictly comparable with previous year data. [6] Estimated. [7] Includes types not shown below.

Source: U.S. National Center for Health Statistics, *Health Resources Statistics, 1971,* and unpublished data.

No. 163. Hospitals—Summary Characteristics, by Type of Service and Control: 1970 to 1987

[Covers hospitals accepted for registration by American Hospital Association; see text, section 3. Short-term hospitals have an average patient stay of less than 30 days; long-term, an average stay of longer duration. Special hospitals include obstetrics and gynecology; eye, ear, nose, and throat; rehabilitation; orthopedic; and chronic and other special hospitals except psychiatric, tuberculosis, alcoholism, and chemical dependency hospitals. Minus sign (–) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series B 305–318, B 331–344, and B 413–422]

ITEM	1970	1980	1981	1982	1983	1984	1985	1986	1987	Percent change 1980–1987
Number:										
All hospitals	7,123	6,965	6,933	6,915	6,888	6,872	6,872	6,841	6,821	–2.1
With 100 beds or more	3,488	3,755	3,804	3,807	3,812	3,808	3,805	3,765	3,713	–1.1
Non-Federal	6,715	6,606	6,585	6,569	6,546	6,531	6,529	6,499	6,479	–1.9
Short-term general and special	5,859	5,904	5,879	5,863	5,843	5,814	5,784	5,728	5,659	–4.1
Nongovernmental nonprofit	3,386	3,339	3,356	3,354	3,363	3,366	3,364	3,338	3,289	–1.5
For profit	769	730	729	748	757	786	805	834	828	13.4
State and local government	1,704	1,835	1,794	1,761	1,723	1,662	1,615	1,556	1,542	–16.0
Long-term general and special	236	157	146	138	131	131	128	133	131	–16.6
Psychiatric	519	534	549	558	564	579	610	634	684	28.1
Tuberculosis	101	11	11	10	8	7	7	4	5	–54.5
Federal	408	359	348	346	342	341	343	342	342	–4.7
Beds (1,000):										
All hospitals	1,616	1,365	1,362	1,360	1,350	1,339	1,309	1,283	1,261	–7.6
Rate per 1,000 population [1]	7.9	6.0	5.9	5.9	5.8	5.7	5.5	5.4	5.3	–11.7
Beds per hospital	227	196	196	197	196	195	190	188	185	–5.6
Non-Federal	1,455	1,248	1,246	1,246	1,237	1,226	1,197	1,172	1,152	–7.7
Short-term general and special	848	992	1,007	1,015	1,021	1,020	997	977	958	–3.4
Rate per 1,000 population [1]	4.2	4.4	4.4	4.4	4.4	4.3	4.2	4.1	2.8	–36.4
Nongovernmental nonprofit	592	693	706	712	718	717	702	686	671	–3.2
For profit	53	87	88	91	94	100	104	106	106	21.8
State and local government	204	212	213	212	209	203	190	184	181	–14.6
Long-term general and special	60	39	35	34	30	30	31	30	28	–28.2
Psychiatric	527	215	202	195	185	175	169	165	165	–23.3
Tuberculosis	20	2	2	1	1	1	1	(z)	1	–50.0
Federal	161	117	116	114	113	112	112	111	109	–6.8
Occupancy rate: [2]										
All hospitals	80.3	77.7	77.9	77.4	76.1	72.5	69.5	68.8	69.2	(x)
Non-Federal	(NA)	77.4	77.8	77.2	75.7	71.9	68.9	68.3	68.7	(x)
Short-term general and special	78.0	75.4	75.9	75.2	73.4	68.9	65.2	64.6	65.1	(x)
Nongovernmental nonprofit	80.1	78.2	78.5	77.8	75.8	71.4	67.7	67.1	67.8	(x)
For profit	72.2	65.2	66.4	65.5	63.1	57.0	52.2	50.9	51.0	(x)
State and local government	73.2	70.7	71.2	70.7	70.0	65.9	63.1	62.8	63.5	(x)
Long-term general and special	82.0	85.9	86.2	87.9	86.5	88.7	88.5	88.1	87.2	(x)
Psychiatric	84.8	85.2	85.9	86.1	86.5	86.3	87.0	86.8	86.4	(x)
Tuberculosis	61.8	67.0	66.5	62.3	67.5	63.4	64.1	59.0	64.1	(x)
Federal	79.6	80.1	79.0	79.4	80.5	79.0	76.3	74.2	74.2	(x)
Expenses (bil. dol.): [3]										
All hospitals	25.6	91.9	107.1	123.2	136.3	144.1	153.3	165.2	178.7	94.5
Non-Federal	23.1	84.0	98.5	113.7	125.6	133.0	141.0	152.1	165.0	96.4
Short-term general and special	19.6	77.0	90.7	105.1	116.6	123.5	130.7	140.9	152.9	98.6
Nongovernmental nonprofit	14.2	55.8	66.3	76.9	85.7	90.9	96.2	103.6	112.4	101.4
For profit	1.1	5.8	6.9	8.2	9.2	10.3	11.5	13.0	14.1	143.1
State and local government	4.3	15.3	17.6	20.1	21.7	22.4	23.0	24.3	26.4	72.5
Long-term general and special	.6	1.2	1.3	1.5	1.5	1.7	1.9	2.0	2.2	83.3
Psychiatric	2.7	5.8	6.4	7.0	7.4	7.7	8.3	9.1	9.9	70.7
Tuberculosis	.2	.1	.1	.1	.1	.1	.1	(z)	(z)	(–z)
Federal	2.5	7.9	8.6	9.5	10.7	11.2	12.3	13.1	13.7	73.4
Personnel (1,000): [4]										
All hospitals	2,537	3,492	3,661	3,959	3,707	3,630	3,625	3,647	3,742	7.2
Non-Federal	2,321	3,213	3,378	3,656	3,422	3,339	3,326	3,351	3,445	7.2
Short-term general and special	1,929	2,879	3,039	3,312	3,102	3,023	3,003	3,032	3,120	8.4
Nongovernmental nonprofit	1,387	2,087	2,213	2,424	2,272	2,223	2,217	2,242	2,299	10.2
For profit	97	189	203	223	213	214	221	229	242	28.0
State and local government	444	602	622	665	618	586	565	560	578	–4.0
Long-term general and special	69	56	61	61	53	54	58	56	55	–1.8
Psychiatric	305	275	275	281	264	260	263	263	269	–2.2
Tuberculosis	18	3	3	3	2	2	2	1	1	–66.6
Federal	216	279	283	302	286	290	299	296	297	6.5
Personnel per 100 patients: [4]										
All hospitals	196	329	345	376	361	374	398	413	429	30.4
Non-Federal	198	333	348	380	365	379	403	419	435	30.6
Short-term general and special	292	385	398	434	414	430	462	481	500	29.9
Nongovernmental nonprofit	292	385	399	438	417	434	466	487	505	31.2
For profit	256	334	348	374	358	375	408	423	448	34.1
State and local government	298	401	411	443	422	438	470	483	502	25.2
Long-term general and special	140	170	200	200	202	203	212	212	222	30.6
Psychiatric	68	150	158	167	165	172	180	183	189	26.0
Tuberculosis	146	290	287	334	351	342	378	365	308	6.2
Federal	169	297	310	335	314	327	351	360	367	23.6
Outpatient visits (mil.)	**181.4**	**262.9**	**265.3**	**313.7**	**273.2**	**276.6**	**262.1**	**294.6**	**310.7**	**18.2**

NA Not available. X Not applicable. Z Less than 500 beds, $50 million, or .5 percent. [1] Based on Bureau of the Census estimated resident population as of July 1. [2] Ratio of average daily census to every 100 beds. [3] Excludes new construction. [4] Includes full-time equivalents of part-time personnel.

Source: American Hospital Association, Chicago, IL, *Hospital Statistics*, annual. (Copyright.)

No. 164. Hospital Facilities—States and Puerto Rico, 1987

[Short term hospitals have an average stay of less than 30 days. For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1979*, series B 305-308 and B 359-362]

Region, division and state or other area	Numbers of hospitals		Beds (1,000)		Patients admitted (mil.)		Average daily census [2] (1,000)		Occupancy rate [3]		Personnel [4] (1,000)	Total outpatient visits (mil.)
	Total	Short-term [1]	Total	Short-term [1]	Total	Short-term [1]	Total	Short-term [1]	Total	Short-term [1]		
United States	**6,821**	**5,659**	**1,261.0**	**958.2**	**34.4**	**31.6**	**872.6**	**624.1**	**69.2**	**65.1**	**3,742.2**	**310.7**
Northeast	1,114	848	291.3	203.5	7.4	7.0	232.9	155.6	79.9	76.5	929.9	74.9
Midwest	1,856	1,627	329.9	265.8	8.6	8.0	217.1	165.1	65.8	62.1	959.3	79.0
South	2,563	2,132	443.3	338.3	12.4	11.2	293.3	210.0	66.2	62.1	1,238.0	95.7
West	1,288	1,052	196.4	150.5	6.0	5.4	129.3	93.4	65.8	62.1	615.0	61.1
New England	**365**	**253**	**71.2**	**46.5**	**1.8**	**1.6**	**55.0**	**33.4**	**77.2**	**71.9**	**241.1**	**19.9**
Maine	46	41	6.1	4.7	.2	.1	4.5	3.2	74.0	68.6	19.7	1.7
New Hampshire	41	29	4.8	3.3	.1	.1	3.4	2.2	70.6	64.8	14.7	1.6
Vermont	19	16	2.5	1.8	.1	.1	1.8	1.2	72.0	67.2	7.7	.6
Massachusetts	173	113	37.4	23.6	.9	.8	28.8	16.7	77.0	71.0	130.0	10.6
Rhode Island	21	14	5.1	3.4	.1	.1	4.1	2.7	79.3	80.5	18.1	1.2
Connecticut	65	40	15.3	9.7	.4	.4	12.4	7.4	81.1	76.0	51.0	4.1
Middle Atlantic	**749**	**595**	**220.1**	**157.0**	**5.7**	**5.4**	**177.9**	**122.2**	**80.8**	**77.8**	**688.8**	**55.1**
New York	322	252	110.0	74.8	2.6	2.5	94.5	62.4	85.9	83.4	349.7	28.7
New Jersey	125	99	39.4	29.3	1.1	1.1	31.1	22.4	79.1	76.5	115.2	8.6
Pennsylvania	302	244	70.7	52.9	1.9	1.8	52.3	37.4	73.9	70.7	223.9	17.8
East North Central	**990**	**858**	**215.9**	**175.0**	**6.0**	**5.6**	**143.8**	**110.2**	**66.6**	**63.0**	**663.3**	**57.5**
Ohio	228	196	56.5	46.4	1.7	1.6	38.1	29.9	67.4	64.4	181.9	15.4
Indiana	137	117	28.5	22.4	.8	.7	18.2	13.0	63.7	57.9	82.2	6.9
Illinois	258	226	62.3	50.5	1.7	1.6	41.6	31.9	66.7	63.3	191.0	16.1
Michigan	213	184	43.1	35.4	1.2	1.1	29.2	23.0	67.9	65.0	141.7	13.2
Wisconsin	154	135	25.4	20.4	.7	.6	16.7	12.4	65.5	61.0	66.5	5.9
West North Central	**866**	**769**	**114.0**	**90.8**	**2.6**	**2.4**	**73.4**	**54.9**	**64.4**	**60.5**	**296.0**	**21.5**
Minnesota	172	160	25.9	20.5	.6	.5	17.4	13.0	67.1	63.5	61.4	4.0
Iowa	136	126	17.8	14.6	.4	.4	11.4	8.7	64.2	59.4	44.7	3.8
Missouri	164	138	30.8	24.9	.8	.8	20.4	15.8	66.2	63.3	97.5	6.1
North Dakota	58	51	5.9	4.8	.1	.1	3.7	3.0	61.9	61.1	12.3	.9
South Dakota	67	56	5.7	4.4	.1	.1	3.4	2.6	59.1	57.9	12.2	1.0
Nebraska	105	95	11.1	9.3	.2	.2	6.6	5.2	59.6	55.6	26.3	2.1
Kansas	164	143	16.7	12.1	.3	.3	10.5	6.7	62.8	55.2	41.5	3.6
South Atlantic	**1,051**	**837**	**215.2**	**160.3**	**6.1**	**5.5**	**151.8**	**106.8**	**70.5**	**66.6**	**632.9**	**51.1**
Delaware	13	8	3.4	2.0	.1	.1	2.8	1.5	80.7	74.8	10.8	1.0
Maryland	85	54	21.3	13.6	.6	.5	17.1	10.6	80.4	77.6	70.2	6.2
District of Columbia	18	12	8.2	4.7	.2	.2	6.7	3.7	82.0	78.2	32.3	2.5
Virginia	136	99	30.2	20.3	.8	.7	22.0	13.8	73.0	67.7	84.4	6.9
West Virginia	70	62	11.3	9.1	.3	.3	7.4	5.5	65.1	60.6	29.6	2.7
North Carolina	159	131	29.7	21.9	.8	.8	21.7	15.2	73.0	69.3	88.4	6.8
South Carolina	90	74	15.1	11.6	.5	.4	10.6	7.8	69.8	67.1	43.5	4.1
Georgia	204	169	35.1	26.9	1.0	.9	24.3	17.9	69.2	66.5	100.6	8.4
Florida	276	228	60.9	50.3	1.7	1.6	39.3	31.0	64.5	61.7	173.1	12.5
East South Central	**546**	**482**	**91.3**	**73.2**	**2.6**	**2.4**	**58.8**	**44.5**	**64.4**	**60.8**	**234.5**	**16.8**
Kentucky	121	107	19.4	16.5	.6	.6	12.5	9.9	64.1	60.2	52.2	4.8
Tennessee	160	141	30.2	24.4	.9	.8	20.3	15.6	67.2	64.2	82.6	4.7
Alabama	145	125	24.2	19.2	.6	.6	15.3	11.4	63.1	59.4	61.1	4.8
Mississippi	120	109	17.4	13.1	.4	.4	10.8	7.5	61.8	57.4	38.6	2.5
West South Central	**966**	**813**	**136.8**	**104.8**	**3.8**	**3.4**	**82.7**	**58.7**	**60.4**	**56.1**	**370.6**	**27.8**
Arkansas	97	89	13.0	10.7	.4	.3	7.8	6.3	59.7	58.3	33.0	2.3
Louisana	175	144	26.6	19.4	.7	.6	16.7	10.9	62.7	56.0	70.4	5.5
Oklahoma	141	118	16.2	12.9	.5	.4	9.9	7.4	61.2	57.0	44.7	3.6
Texas	553	462	80.9	61.7	2.3	2.0	48.3	34.2	59.6	55.5	222.6	16.5
Mountain	**473**	**374**	**56.2**	**42.9**	**1.6**	**1.4**	**35.1**	**25.2**	**62.4**	**58.8**	**168.3**	**18.3**
Montana	65	59	4.9	4.6	.1	.1	3.0	2.8	60.4	60.1	11.1	1.0
Idaho	50	44	4.0	3.2	.1	.1	2.4	1.8	60.5	56.5	10.7	1.1
Wyoming	32	28	3.1	2.2	.1	.1	1.7	1.1	56.5	51.0	6.4	.6
Colorado	95	79	14.1	10.7	.4	.3	9.1	6.4	64.9	59.8	44.9	5.2
New Mexico	61	39	6.7	4.1	.2	.2	4.3	2.5	64.7	60.1	20.7	2.7
Arizona	88	62	13.4	10.2	.5	.4	8.6	6.3	64.5	61.8	44.3	4.6
Utah	52	41	5.9	4.5	.2	.2	3.6	2.6	60.9	57.5	19.3	2.1
Nevada	30	22	4.1	3.4	.1	.1	2.2	1.8	54.6	52.4	10.8	1.0
Pacific	**815**	**678**	**140.2**	**107.7**	**4.3**	**3.9**	**94.2**	**68.2**	**67.2**	**63.4**	**446.7**	**42.8**
Washington	118	102	16.5	12.9	.5	.5	10.5	7.6	63.5	59.3	52.8	5.8
Oregon	78	71	10.3	8.0	.3	.3	6.3	4.5	61.1	55.8	32.6	3.0
California	566	471	107.6	83.0	3.3	3.0	73.2	53.4	68.0	64.3	341.2	31.9
Alaska	27	16	2.0	1.2	.1	(z)	1.1	.6	55.0	52.8	6.2	.9
Hawaii	26	18	3.8	2.6	.1	.1	3.1	2.1	81.1	79.9	13.9	1.1
Puerto Rico	63	57	10.7	8.7	.4	.4	7.4	5.6	69.1	64.9	27.2	3.6

Z Less than 50,000. [1] Non-Federal hospitals. [2] Inpatients receiving treatment each day; excludes newborn. [3] Ratio of average daily census to every 100 beds. [4] Includes full-time equivalents of part-time personnel.

Source: American Hospital Association, Chicago, IL, *Hospital Statistics*, 1988. (Copyright.)

No. 165. Hospital Use Rates, by Type of Hospital: 1970 to 1987

[See also *Historical Statistics, Colonial Times to 1970*, series B 384–387]

TYPE OF HOSPITAL	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
Non-Federal short-term: [1]										
Admissions per 1,000 population [2]	140	156	159	159	157	155	149	141	136	133
Admissions per bed	34	35	36	36	36	35	35	35	33	33
Average length of stay [3] (days)	8.2	7.7	7.6	7.6	7.6	7.5	7.3	7.1	7.1	7.2
Outpatient visits per admission	4.5	5.9	5.7	5.7	6.9	5.9	6.1	6.6	7.2	7.8
Outpatient visits per 1,000 population [2]	641	911	913	901	1,084	915	917	935	983	1,040
Surgical operations (million)	(NA)	16.7	18.8	19.2	19.6	19.9	19.9	20.2	20.5	20.8
Number per admission	(NA)	.5	.5	.5	.5	.5	.6	.6	.6	.7
Psychiatric:										
Admissions per 1,000 population [2]	3.3	3.2	2.8	2.7	2.7	2.6	2.4	2.5	2.6	2.7
Days in hospital per 1,000 population [2]	862	490	326	304	292	274	234	224	219	218

NA Not available. [1] General and special; excludes psychiatric and tuberculosis. Short-term hospitals have an average patient stay of less than 30 days. [2] Based on Bureau of the Census estimated resident population as of July 1. [3] Number of inpatient days divided by number of admissions.

Source: American Hospital Association, Chicago, IL, *Hospital Statistics*, annual (copyright); and unpublished data.

No. 166. Average Cost to Community Hospitals per Patient, 1970 to 1987, and Average Semi-Private Room Charge, 1978 to 1987

[**In dollars, except percent.** Covers non-Federal short-term general or special hospitals (excluding psychiatric or tuberculosis hospitals and, beginning 1975, hospital units of institutions). Total cost per patient based on total hospital expenses (payroll, employee benefits, professional fees, supplies, etc.). Data have been adjusted for outpatient visits]

TYPE OF EXPENSE AND HOSPITAL	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Average cost per day, total	**74**	**134**	**174**	**194**	**217**	**245**	**284**	**327**	**369**	**411**	**460**	**501**	**539**
Annual percent change [1]	12.7	12.6	14.0	11.7	11.8	12.8	16.0	15.1	12.8	11.4	10.7	8.2	7.1
Nongovernmental nonprofit	75	133	175	195	218	246	286	330	374	415	463	504	544
For profit	71	133	177	202	226	257	299	340	385	438	500	552	585
State and local government	71	136	171	189	212	239	274	312	348	385	433	466	499
Average cost per stay, total	**605**	**1,030**	**1,322**	**1,474**	**1,642**	**1,851**	**2,171**	**2,501**	**2,789**	**2,995**	**3,245**	**3,533**	**3,850**
Nongovernmental nonprofit	615	1,040	1,363	1,515	1,684	1,902	2,226	2,573	2,869	3,073	3,307	3,590	3,914
For profit	486	876	1,166	1,317	1,476	1,676	1,953	2,226	2,518	2,749	3,033	3,342	3,617
State and local government	614	1,031	1,262	1,399	1,561	1,750	2,072	2,364	2,621	2,823	3,106	3,405	3,718
Average semi-private room charge (Jan. 1) [2]	(NA)	(NA)	(NA)	**105**	**115**	**127**	**144**	**166**	**185**	**203**	**213**	**224**	**242**

NA Not available. [1] For explanation of annual percent change, see Guide to Tabular Presentation. Average change from prior year shown. For 1970, change from 1965. [2] Source: See footnote 1, table 167. Charge for 1988 was $253.

Source: Except as noted, American Hospital Association, Chicago, IL, *Hospital Statistics*, annual (copyright); and unpublished data.

No. 167. Average Daily Hospital Room Charges, 1980 to 1989, and Average Cost to Community Hospitals per Patient, 1980 and 1987—States

[**In dollars.** Average daily room charges cover non-governmental short-term general hospitals and represent average cost to patient for a semi-private room. See headnote, table 166]

STATE	AVERAGE DAILY ROOM CHARGE [1]			AVERAGE COST PER DAY		AVERAGE COST PER STAY	
	1980	1985	1989	1980	1987	1980	1987
U.S	**127**	**212**	**262**	**245**	**539**	**1,851**	**3,850**
AL	96	161	195	209	461	1,459	3,222
AK	189	295	363	408	892	2,276	5,057
AZ	106	191	230	290	710	2,013	4,167
AR	86	140	161	185	414	1,172	2,738
CA	161	281	382	362	742	2,395	4,755
CO	124	211	262	247	592	1,760	4,040
CT	127	206	354	271	612	2,039	4,446
DE	125	214	284	238	563	1,937	3,878
DC	170	274	418	358	722	3,189	5,636
FL	109	181	240	247	583	1,803	4,083
GA	92	150	190	218	456	1,380	3,116
HI	127	231	303	245	512	1,868	4,106
ID	110	197	254	208	444	1,251	2,898
IL	144	248	283	277	575	2,183	4,228
IN	107	184	239	214	531	1,620	3,435
IA	107	179	213	199	402	1,465	3,290
KS	104	183	232	207	422	1,592	3,276
KY	92	175	214	189	448	1,268	2,834
LA	89	154	208	233	566	1,492	3,518
ME	124	208	291	217	436	1,707	3,426
MD	119	186	248	251	516	2,136	3,677
MA	151	229	301	294	605	2,578	4,624
MI	151	267	311	267	607	2,087	4,376
MN	105	187	240	203	427	1,818	3,834
MS	67	113	167	174	354	1,178	2,423
MO	107	185	243	230	546	1,848	4,089
MT	113	201	275	160	331	1,321	3,095
NE	100	155	189	194	370	1,526	3,539
NV	125	243	256	343	766	2,201	4,635
NH	125	200	280	203	496	1,432	3,137
NJ	146	183	249	212	452	1,850	3,373
NM	115	193	241	263	578	1,549	3,236
NY	157	228	291	257	494	2,469	4,520
NC	87	139	174	187	442	1,397	3,168
ND	93	173	217	177	367	1,528	3,596
OH	139	228	269	241	572	1,907	3,897
OK	101	162	204	239	518	1,527	3,465
OR	133	225	333	277	655	1,671	3,451
PA	132	255	327	234	544	1,947	4,060
RI	138	206	297	260	502	2,162	4,009
SC	80	145	201	186	434	1,367	3,060
SD	96	161	190	189	318	1,265	2,887
TN	91	140	181	204	469	1,427	3,247
TX	91	159	212	226	565	1,491	3,496
UT	112	173	279	271	647	1,482	3,453
VT	116	209	304	183	445	1,472	3,274
VA	101	165	194	211	476	1,647	3,358
WA	125	229	327	262	630	1,502	3,602
WV	110	166	202	195	463	1,393	3,103
WI	104	166	194	218	446	1,765	3,327
WY	98	173	200	242	403	1,189	2,848

[1] As of January. Source: Health Insurance Association of America, Washington, DC, *Source Book of Health Insurance Data*, 1989, and *Survey of Hospital Semi-Private Room Charges*, annual.

Source: Except as noted, American Hospital Association, Chicago, IL, *Hospital Statistics*, annual (copyright); and unpublished data.

No. 168. Hospitals—Selected Financial Measures: 1980 to 1987

[For definition of short-term and community hospitals, see table 170]

TYPE OF HOSPITAL AND SELECTED MEASURE	Unit	1980	1983	1984	1985	1986	1987
Hospitals:							
Total	Number	6,965	6,888	6,872	6,872	6,841	6,821
Non-federal	Number	6,606	6,546	6,531	6,529	6,499	6,479
Short-term	Number	5,904	5,843	5,814	5,784	5,728	5,659
Community	Number	5,830	5,783	5,759	5,732	5,678	5,611
Full-time equivalent personnel:							
Total	1,000	3,492	3,707	3,630	3,625	3,647	3,742
Non-federal	1,000	3,213	3,422	3,339	3,326	3,351	3,445
Short-term	1,000	2,879	3,102	3,023	3,003	3,032	3,120
Community	1,000	2,873	3,096	3,017	2,997	3,025	3,114
Total expenses:							
Total	Mil. dol	91,886	136,315	144,114	153,327	165,194	178,662
Non-federal	Mil. dol	84,017	125,636	132,958	140,991	152,061	164,994
Short-term	Mil. dol	76,970	116,632	123,550	130,700	140,907	152,909
Community	Mil. dol	76,851	116,438	123,336	130,499	140,654	152,585
Payroll expenses:							
Total	Mil. dol	46,970	69,469	72,777	76,119	80,449	85,676
Non-federal	Mil. dol	42,043	62,722	65,673	68,270	72,185	77,158
Short-term	Mil. dol	37,458	57,042	59,805	61,953	65,384	69,993
Community	Mil. dol	37,379	56,919	59,674	61,828	65,238	69,831
REVENUE—COMMUNITY HOSPITALS							
Net total revenue	Mil. dol	79,739	121,498	129,952	138,882	148,549	159,309
Net patient revenue	Mil. dol	73,819	113,453	121,265	129,722	137,939	147,326
Inpatient gross revenue	Mil. dol	77,818	125,925	133,599	136,893	146,704	160,170
Per patient day	Dollars	285	461	520	579	639	706
Outpatient gross revenue	Mil. dol	11,671	19,216	22,281	26,359	31,698	37,928
Per patient visit	Dollars	58	91	105	121	137	154

Source: American Hospital Association, Chicago, IL, *Hospital Statistics*, annual. (Copyright.)

No. 169. Hospital Utilization Rates, by Sex, 1970 to 1987, and Selected Characteristics, 1987

[Represents estimates of inpatients discharged from noninstitutional, short-stay hospitals, exclusive of Federal hospitals. Excludes newborn. Based on sample data collected from the National Hospital Discharge Survey, a sample survey of hospital records of patients discharged in year shown; subject to sampling variability. For composition of regions, see fig. I, inside front cover]

SELECTED CHARACTERISTIC	Patients discharged (1,000)	PATIENTS DISCHARGED PER 1,000 PERSONS [1]			DAYS OF CARE PER 1,000 PERSONS [1]			AVERAGE STAY (days)			Beds used per day [2]
		Total	Male	Female	Total	Male	Female	Total	Male	Female	
1970	29,127	144	118	169	1,122	982	1,251	8.0	8.7	7.6	321
1980	37,832	168	139	194	1,217	1,068	1,356	7.3	7.7	7.0	337
1983	38,783	167	139	193	1,155	1,024	1,278	6.9	7.4	6.6	316
1984	37,162	159	132	184	1,044	924	1,155	6.6	7.0	6.3	286
1985	35,056	148	124	171	954	849	1,053	6.5	6.9	6.2	261
1986	34,256	143	121	164	913	817	1,003	6.4	6.8	6.1	250
1987, total	**33,387**	**138**	**116**	**159**	**889**	**806**	**968**	**6.4**	**6.9**	**6.1**	**244**
Under 1 year old	723	192	215	167	1,125	1,240	1,004	5.9	5.8	6.0	308
1–4 years old	804	56	64	46	201	223	178	3.6	3.5	3.9	55
5–14 years old	1,161	34	37	31	160	182	136	4.7	5.0	4.4	44
15–24 years old	4,095	109	56	162	474	351	595	4.3	6.3	3.7	130
25–34 years old	5,581	131	67	193	614	442	783	4.7	6.6	4.1	168
35–44 years old	3,465	102	85	118	577	542	611	5.7	6.4	5.2	158
45–64 years old	7,099	157	163	151	1,069	1,099	1,041	6.8	6.7	6.9	293
65–74 years old	4,963	281	309	259	2,294	2,445	2,174	8.2	7.9	8.4	628
75 years old and over	5,496	452	515	417	4,098	4,471	3,894	9.1	8.7	9.3	1,123
Region: Northeast	6,699	134	118	148	998	902	1,085	7.5	7.7	7.3	273
Midwest	8,718	147	125	167	977	891	1,058	6.7	7.1	6.3	268
South	11,292	136	114	157	845	766	918	6.2	6.7	5.8	232
West	6,678	136	108	163	749	675	820	5.5	6.2	5.0	205
Hospital ownership:											
Nonprofit	22,801	94	79	108	627	564	686	6.6	7.1	6.3	172
State, local govt	6,860	28	24	33	172	161	181	6.0	6.8	5.5	47
Proprietary	3,725	15	13	18	91	81	100	5.9	6.3	5.6	25

[1] Based on Bureau of the Census estimated civilian population as of July 1. [2] Average daily number of beds occupied per 100,000 civilian population.

Source: U.S. National Center for Health Statistics, *Vital Health Statistics*, series 13, and unpublished data.

No. 170. Facilities and Services Provided by Community Hospitals: 1987

[Community hospitals are non-federal short-stay (average length of stay fewer than 30 days) excluding hospital units of institutions. Data are for hospitals responding to that portion of the questionnaire—5,246 of a total of 5,611 community hospitals]

SERVICE	Hospitals with service	Percent of total
Alcoholism/chemical dependency outpatient services	985	18.8
Ambulatory surgical services	4,959	94.5
Birthing rooms	2,897	55.2
Blood bank	3,724	71.0
Cardiac catheterization	1,152	22.0
Day hospital	1,349	25.7
Emergency department	4,977	94.9
Extracorporeal shock wave lithotripter	196	3.7
Genetic counseling services	429	8.2
Hemodialysis	1,419	27.0
Histopathology laboratory	3,404	64.9
Hospice	764	14.6
Hospital auxiliary	3,970	75.7
Magnetic resonance imaging (MRI)	487	9.3
Open-heart surgery facilities	743	14.2
Organ transplant	305	5.8
Outpatient department	3,671	70.0
Patient representative services	2,502	47.7
Psychiatric services:		
Emergency	1,668	31.8
Outpatient	871	16.6
Rehabilitation outpatient department	2,149	41.0
Speech pathology services	2,449	46.7
Therapy services:		
Occupational therapy services	2,380	45.4
Physical therapy services	4,593	87.6
Recreational therapy services	1,512	28.8
Respiratory therapy services	4,829	92.1
Trauma center	1,026	19.6
Ultrasound	4,449	84.8
Volunteer services department	3,236	61.7
Women's center	696	13.3

Source: American Hospital Association, Chicago, IL, *Hospital Statistics*, 1988. (Copyright.)

No. 171. Hospital Discharges and Days of Care, by Sex, Age, and Diagnosis: 1987

[See headnote, table 169]

AGE AND FIRST-LISTED DIAGNOSIS	DISCHARGES		Days of care per 1,000 persons [1]	Average stay (days)
	Number (1,000)	Per 1,000 persons [1]		
MALE				
All ages [2]	**13,568**	**116.0**	**805.7**	**6.9**
Diseases of heart	2,016	17.2	115.0	6.7
Malignant neoplasms	868	7.4	66.9	9.0
Fracture, all sites	519	4.4	36.7	8.3
Pneumonia, all forms	468	4.0	31.7	7.9
Cerebrovascular disease	392	3.4	32.3	9.6
Under 15 years [2]	1,537	57.3	269.9	4.7
Acute respiratory infection	114	4.2	13.6	3.2
Pneumonia, all forms	113	4.2	18.6	4.4
Bronchitis, emphysema [3]	105	3.9	12.7	3.3
Congenital anomalies	79	2.9	15.9	5.4
Chronic disease of tonsils and adenoids	77	2.9	3.5	1.2
15–44 years [2]	3,874	68.7	441.1	6.4
Fracture, all sites	274	4.9	36.6	7.6
Psychoses	231	4.1	51.4	12.5
Alcohol dependence syndrome	160	2.8	30.9	10.9
Diseases of heart	157	2.8	15.8	5.7
Intervertebral disc disorders	157	2.8	14.8	5.3
45–64 years [2]	3,528	163.1	1,099.1	6.7
Diseases of heart	795	36.7	218.8	6.0
Malignant neoplasms	275	12.7	114.2	9.0
Intervertebral disc disorders	103	4.8	29.5	6.2
Cerebrovascular disease	102	4.7	47.3	10.0
Inguinal hernia	88	4.0	8.8	2.2
65 years old and older [2]	4,629	381.9	3,163.3	8.3
Diseases of heart	1,054	87.0	639.0	7.3
Malignant neoplasms	485	40.0	374.0	9.3
Cerebrovascular disease	273	22.5	206.3	9.2
Pneumonia, all forms	222	18.4	180.9	9.9
Hyperplasia of prostate	206	17.0	96.4	5.7
FEMALE				
All ages [2]	**19,818**	**158.9**	**968.0**	**6.1**
Delivery	3,911	31.4	96.1	3.1
Diseases of heart	1,720	13.8	99.9	7.2
Malignant neoplasms	1,011	8.1	67.7	8.3
Fracture, all sites	543	4.4	41.0	9.4
Pneumonia, all forms	456	3.7	29.6	8.1
Under 15 years [2]	1,150	45.0	209.9	4.7
Pneumonia, all forms	90	3.5	15.5	4.4
Acute respiratory infection	76	3.0	8.9	3.0
Chronic disease of tonsils and adenoids	69	2.7	3.1	1.2
Bronchitis, emphysema [3]	67	2.6	9.3	3.6
Congenital anomalies	57	2.2	15.8	7.0
15–44 years [2]	9,268	160.3	669.7	4.2
Delivery	3,897	67.4	206.6	3.1
Pregnancy w/abortive outcome	297	5.1	11.3	2.2
Psychoses	216	3.7	52.0	13.9
Inflammatory disease of female pelvic organs	184	3.2	13.9	4.4
Benign neoplasms	180	3.1	14.1	4.5
45–64 years [2]	3,571	151.2	1,040.5	6.9
Diseases of heart	441	18.7	121.8	6.5
Malignant neoplasms	383	16.2	125.0	7.7
Benign neoplasms	113	4.8	25.3	5.3
Cholelithiasis	109	4.6	28.2	6.1
Psychoses	108	4.6	64.9	14.3
65 years old and older [2]	5,830	329.1	2,938.6	8.9
Diseases of heart	1,186	66.9	511.0	7.6
Malignant neoplasms	468	26.4	250.6	9.5
Cerebrovascular disease	392	22.1	236.8	10.7
Fracture, all sites	307	17.3	203.0	11.7
Pneumonia, all forms	223	12.6	126.9	10.1

[1] See footnote 1, table 169. [2] Includes other first-listed diagnoses, not shown separately. [3] Includes asthma.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 13, and unpublished data.

No. 172. Procedures for Inpatients Discharged From Short-Stay Hospitals: 1980 to 1987

[Excludes newborn infants and discharges from Federal hospitals. See headnote, table 169]

Sex and type of procedure	Number of procedures (1,000)					Rate per 1,000 population [1]				
	1980	1984	1985	1986	1987	1980	1984	1985	1986	1987
Both sexes										
Surgical procedures, total [2]	**24,494**	**25,590**	**24,799**	**25,041**	**25,655**	**106.6**	**109.2**	**104.6**	**104.6**	**106.2**
Procedures to assist delivery	2,391	2,362	2,494	2,605	2,938	10.6	10.1	10.5	10.9	12.2
Cesarean section	619	813	877	906	953	2.7	3.5	3.7	3.8	3.9
Cardiac catheterization	348	570	681	775	866	1.5	2.4	2.9	3.2	3.6
Reduction of fracture [3]	605	627	681	673	685	2.7	2.7	2.9	2.8	2.8
Repair of current obstetric laceration	355	483	548	612	660	1.6	2.1	2.3	2.6	2.7
Hysterectomy	649	664	670	644	655	2.9	2.8	2.8	2.7	2.7
Diagnostic and other non-surgical procedures [4]	**6,918**	**10,565**	**11,961**	**12,959**	**13,463**	**30.7**	**45.1**	**50.5**	**54.1**	**55.7**
CAT scan [5]	306	1,091	1,378	1,531	1,646	1.4	4.7	5.8	6.4	6.8
Diagnostic ultrasound	318	836	1,234	1,411	1,596	1.4	3.6	5.2	5.9	6.6
Angiocardiography and arteriography [6]	569	972	1,117	1,285	1,448	2.5	4.1	4.7	5.4	6.0
Radioisotope scan	525	764	838	851	759	2.3	3.3	3.5	3.6	3.1
Cystoscopy	867	740	645	622	593	3.8	3.2	2.7	2.6	2.5
Male										
Surgical procedures, total [2]	**8,505**	**9,164**	**8,805**	**8,960**	**9,073**	**78.1**	**81.0**	**76.8**	**77.4**	**77.6**
Cardiac catheterization	228	372	439	495	533	2.1	3.3	3.8	4.3	4.6
Prostatectomy	335	361	367	367	410	3.1	3.2	3.2	3.2	3.5
Reduction of fracture [3]	325	330	339	350	367	3.0	2.9	3.0	3.0	3.1
Repair of inguinal hernia	483	411	370	293	290	4.4	3.6	3.2	2.5	2.5
Diagnostic and other non-surgical procedures [4]	**3,386**	**5,195**	**5,889**	**6,359**	**6,643**	**31.1**	**45.9**	**51.4**	**54.9**	**56.8**
Angiocardiography and arteriography [6]	355	588	693	771	868	3.3	5.2	6.0	6.7	7.4
CAT scan [5]	152	530	671	747	814	1.4	4.7	5.9	6.5	7.0
Female										
Surgical procedures, total [2]	**15,989**	**16,426**	**15,994**	**16,081**	**16,583**	**137.1**	**135.5**	**130.6**	**130.2**	**133.0**
Procedures to assist delivery	2,391	2,362	2,494	2,605	2,938	20.5	19.5	20.4	21.1	23.6
Cesarean sestion	619	813	877	906	953	5.3	6.7	7.2	7.3	7.6
Repair of current obstetric laceration	355	483	548	612	660	3.0	4.0	4.5	5.0	5.3
Hysterectomy	649	664	670	644	655	5.6	5.5	5.5	5.2	5.3
Diagnostic and other non-surgical procedures [4]	**3,532**	**5,370**	**6,072**	**6,601**	**6,820**	**30.3**	**44.3**	**49.6**	**53.4**	**54.7**
Diagnostic ultrasound	204	519	756	865	981	1.7	4.3	6.2	7.0	7.9
CAT scan [5]	154	561	707	784	833	1.3	4.6	5.8	6.3	6.7

[1] Based on Bureau of the Census estimated civilian population as of July 1. [2] Includes other types of surgical procedures not shown separately. [3] Excluding skull, nose, and jaw. [4] Includes other non-surgical procedures not shown separately. [5] Computerized axial tomography. [6] Using contrast material.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 13, and unpublished data.

No. 173. Organ Transplants and Grafts: 1981 to 1988

[As of **end of year.** Based on reports of procurement programs and transplant centers in the United States]

Procedure	Number of procedures						Number of centers			Number of people waiting, 1988	One-year survival rates, 1988 (percent)
	1981	1985	1986	1987	1988	Cumulative through 1988 [1]	1981	1987	1988		
Transplant:											
Heart	62	719	1,368	1,438	1,644	5,852	8	104	135	1,196	80.0
Liver	26	602	924	1,199	1,682	(NA)	1	45	70	703	65.0
Kidney	4,883	7,695	976	8,967	9,123	86,998	157	200	210	14,358	[2] 91.0, 96.0
Heart-lung	5	30	45	41	71	225	(NA)	23	48	210	55.0
Pancreas/Islet cell	(NA)	130	140	142	242	(NA)	(NA)	31	57	194	45.0
Cornea grafts	15,500	26,300	28,000	35,930	36,900	322,830	(NA)	[3] 103	[3] 106	4,000	[4] 95.0
Bone grafts	(NA)	(NA)	200,000	250,000	300,000	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Skin grafts	(NA)	(NA)	2,000	5,000	5,200	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Heart-valve grafts	(NA)	(NA)	(NA)	(NA)	30,000	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Total number of procedures performed, including years not shown. [2] 91.0 percent with kidney from a deceased donor; 96.0 percent with kidney from a living related donor. [3] Eye banks. [4] Success rate.

Sources: U.S. Department of Health and Human Services, Public Health Service, Division of Organ Transplantation, American Association of Tissue Banks, McLean, VA, and Eye Bank Association of America, Washington, DC, and unpublished data.

No. 174. Patients Discharged From Hospitals—Principal Source of Expected Payment, by Selected Characteristic: 1987

[Covers non-Federal short-stay hospitals. Discharges excludes newborn infants. Based on the National Hospital Discharge Survey. For methodological details, see source. For composition of regions, see fig. I, inside front cover]

Characteristic	Total discharged (1,000)	Principal source of expected payment—percent distribution							
		Private insurance	Government				Self-pay	No charge	Other [1]
			Medicare	Medicaid	Worker's compensation	Other			
Age									
All ages	**33,387**	**43.8**	**33.3**	**9.8**	**1.7**	**2.0**	**6.8**	**.8**	**1.7**
Under 15 years old	2,688	55.3	1.5	25.2	(x)	3.5	11.5	1.0	1.9
15–44 years old	13,142	60.8	3.0	15.0	2.6	3.1	11.5	1.2	2.9
45–64 years old	7,099	66.6	13.1	7.4	2.1	2.3	5.8	1.0	1.7
65 years old and over	10,459	4.1	93.4	.9	.7	.1	.5	(2)	.2
Sex									
Male, all ages	**13,568**	**41.2**	**37.0**	**7.4**	**3.1**	**2.0**	**7.0**	**.7**	**1.7**
Under 15 years old	1,537	55.7	1.1	25.0	(x)	3.2	12.2	.9	2.0
15–44 years old	3,874	56.3	4.9	9.8	6.9	3.4	14.1	1.1	3.5
45–64 years old	3,528	65.6	15.2	5.6	3.1	2.3	5.6	.9	1.7
65 years old and over	4,629	5.1	92.2	.8	.8	.2	.5	(2)	.2
Female, all ages	**19,818**	**45.6**	**30.9**	**11.5**	**.8**	**2.0**	**6.7**	**.9**	**1.7**
Under 15 years old	1,150	54.9	2.2	25.4	(x)	3.9	10.6	1.1	2.0
15–44 years old	9,268	62.6	2.1	17.3	.8	2.9	10.4	1.3	2.7
45–64 years old	3,571	67.7	11.0	9.3	1.2	2.3	6.0	1.0	1.6
65 years old and over	5,830	3.2	94.4	.9	.6	.1	.5	(2)	2.2
Race									
White	24,376	45.6	36.2	7.0	1.7	1.7	5.9	.5	1.3
Black	5,174	33.9	21.3	23.9	1.5	2.8	11.6	1.9	3.2
All other	3,836	45.9	31.5	8.7	1.8	3.2	6.2	.9	1.9
Geographic region									
Northeast	6,699	43.2	35.5	11.4	1.2	1.4	5.2	.1	2.0
Midwest	8,718	44.9	34.8	9.9	2.2	1.4	5.0	.2	1.6
South	11,292	44.8	31.6	10.1	1.9	1.6	9.1	.2	.8
West	6,678	41.3	32.2	7.6	1.3	4.0	7.1	3.1	3.2
Ownership									
Nonprofit	22,801	45.5	34.0	9.0	1.7	1.7	5.9	.8	1.4
Profit	3,725	47.0	36.3	7.4	2.5	1.9	3.9	2.1	.9
State or local government	6,860	36.6	29.6	13.7	1.2	3.3	11.4	1.1	3.0

X Not applicable. [1] Includes all other nonprofit sources of payment such as church, welfare, or United Way. [2] Figure does not meet standards of reliability or precision.

Source: U.S. National Center for Health Statistics, unpublished data.

No. 175. Nursing and Related Care Facilities: 1971 to 1988

Item	Unit	1971	1973	1976	1978	1980	1982	1984	1986	1987	1988
Nursing and related care: [1]											
Facilities	Number	22,004	21,834	20,468	[2] 18,722	[3] 23,065	[4] 25,849	(NA)	[4] 25,646	(NA)	(NA)
Beds	1,000	1,202	1,328	1,415	[2] 1,349	[3] 1,537	[4] 1,642	(NA)	[4] 1,709	(NA)	(NA)
Resident patients	1,000	1,076	1,198	1,293	[2] 1,240	[3] 1,396	[4] 1,493	(NA)	[4] 1,553	(NA)	(NA)
Employees, full-time	1,000	568	636	653	[2] 664	[3] 798	(NA)	(NA)	(NA)	(NA)	(NA)
Per 1,000 patients	Rate	528	531	505	[2] 535	[3] 571	(NA)	(NA)	(NA)	(NA)	(NA)
Skilled nursing facilities [5]	Number	4,277	3,970	3,922	4,745	5,052	5,408	5,952	6,897	7,262	7,507
Beds	1,000	307	287	309	408	436	488	530	(NA)	(NA)	(NA)
Per 1,000 Medicare enrollees [6]	Rate	15.1	13.5	13.7	17.3	17.7	19.1	19.9	(NA)	(NA)	(NA)

NA Not available. [1] Covers nursing homes with 3 beds or more and all other places providing some form of nursing, personal, or domiciliary care; standards vary widely among States. Includes skilled nursing facilities. 1971–1984 based on National Master Facility Inventory. Some changes in data beginning 1976 may be due to dependence on State collection. 1986 data based on the 1986 Inventory of Long-Term Care Places. Data may not be strictly comparable with previous year data. [2] Includes 1976 data for California, District of Columbia, New York, and North Carolina. [3] Excludes hospital-based nursing homes and includes 1978 data for Alaska and South Dakota. [4] Excludes hospital-based nursing homes. [5] Source: Through 1976, U.S. Social Security Administration, *Health Insurance Statistics* and unpublished data. Beginning 1978, U.S. Health Care Financing Administration, *Medicare Participating Providers and Suppliers of Health Services, 1980;* and unpublished data. Covers facilities and beds certified for participation under Medicare as of mid-year. Includes facilities which have transfer agreements with one or more participating hospitals, and are engaged primarily in providing skilled nursing care and related services for the rehabilitation of injured, disabled, or sick persons. [6] Based on number of aged persons residing in United States who were enrolled in the Medicare hospital insurance program as of July 1 of year stated.

Source: Except as noted, U.S. National Center for Health Statistics, *Health Resources Statistics,* annual through 1976 and 1978; 1982 and 1986, *Advance Data from Vital and Health Statistics,* No. 111 and No. 147, and unpublished data.

No. 176. Nursing and Related Care Facilities—Selected Characteristics: 1986

[Excludes hospital-based nursing homes. Based on the 1986 Inventory of Long-Term Care Places. For composition of regions, see fig. I, inside front cover]

Characteristic	Total facilities				Nursing homes [1]				Residential facilities [2]			
	Homes	Beds (1,000)	Average number of beds	Occupancy rate	Homes	Beds (1,000)	Average number of beds	Occupancy rate	Homes	Beds (1,000)	Average number of beds	Occupancy rate
Total	**25,646**	**1,709.2**	**67**	**91.0**	**16,388**	**1,507.4**	**92**	**91.7**	**9,258**	**201.8**	**22**	**85.4**
Northeast	4,863	373.8	77	93.7	2,948	317.5	108	94.8	1,915	56.3	29	87.6
Midwest	7,474	539.8	72	90.7	5,393	506.7	94	91.2	2,081	33.1	16	84.4
South	7,311	516.5	71	90.1	5,008	464.0	93	90.5	2,303	52.5	23	86.4
West	5,998	279.1	47	89.4	3,039	219.2	72	91.1	2,959	59.9	20	83.1
Government	1,045	106.6	102	93.0	789	99.7	126	93.6	256	6.8	27	85.3
Proprietary	20,223	1,235.4	61	90.5	12,336	1,079.0	87	91.3	7,887	156.5	20	85.1
Nonprofit	4,378	367.2	84	91.8	3,263	328.7	101	92.4	1,115	38.5	35	86.5
3-9 beds	5,918	32.6	6	82.8	1,340	7.2	5	82.6	4,578	25.5	6	82.9
10-24 beds	3,695	58.1	16	86.3	1,069	18.2	17	87.6	2,626	39.9	15	85.7
25-49 beds	3,135	115.5	37	89.5	2,061	77.8	38	90.8	1,074	37.6	35	86.8
50-74 beds	3,470	208.7	60	92.2	3,037	182.7	60	92.8	433	26.0	60	87.6
75-99 beds	2,526	221.6	88	92.1	2,335	205.4	88	92.5	191	16.3	85	86.5
100-199 beds	5,755	756.2	131	91.1	5,468	717.6	131	91.5	287	38.6	135	84.8
200-299 beds	858	198.2	231	90.8	804	186.1	231	91.3	54	12.1	225	82.9
300-499 beds	239	84.9	355	91.2	225	80.1	356	92.1	14	4.8	340	76.9
500 beds or more	50	33.4	667	95.0	49	32.3	659	94.8	1	1.1	1,050	99.7
Certification:												
Medicare or Medicaid (skilled nursing facility) [3]	8,045	984.1	122	92.9	8,045	984.1	122	92.9	-	-	-	-
Medicaid (intermediate care facility) [3]	5,375	411.5	77	90.3	5,375	411.5	77	90.3	-	-	-	-
Not certified nursing home	2,968	111.8	38	86.3	2,968	111.8	38	86.3	-	-	-	-
Residential facilities	9,258	201.8	22	85.4	(x)	(x)	(x)	(x)	9,258	201.8	22	85.4

- Represents zero. X Not applicable. [1] These facilities have three or more beds and provide to adults who require it either (a) nursing care or (b) personal care (such as help with bathing, eating, using toilet facilities, or dressing) and/or supervision over such activities as money management, walking, and shopping. [2] These facilities offer no nursing services and provide only personal care or supervisory care. [3] Facilities certified as both skilled nursing facilities and intermediate care facilities have been classified as skilled nursing facilities.

Source: U.S. National Center for Health Statistics, *Advance Data From Vital and Health Statistics*, No. 147 and unpublished data.

No. 177. Nursing Home Residents—Living Arrangements Prior to Admission, Source of Payment, and Dependency Status, by Age and Sex: 1985

[For civilian population 65 years and over. Based on the 1985 National Nursing Home Survey conducted from August 1985 through January 1986. Based on sample and subject to sampling variation; see source for details]

Item	Total	Age			Sex	
		65-74 years	75-84 years	85 years and over	Male	Female
All residents (1,000)	**1,318.3**	**212.1**	**509.0**	**597.3**	**334.4**	**983.9**
LIVING ARRANGEMENTS—PERCENT DISTRIBUTION						
Total [1]	100.0	100.0	100.0	100.0	100.0	100.0
Private or semiprivate residence [1]	39.9	29.2	40.5	43.2	36.3	41.1
Alone	14.7	8.2	14.7	16.9	11.7	15.7
With family members	18.9	16.0	19.8	19.1	19.3	18.8
Another health facility [1]	56.3	67.7	56.5	52.8	59.6	55.1
Another nursing home	12.1	12.9	12.6	11.5	13.1	11.8
General or short-stay hospital [2]	38.7	39.5	38.2	38.9	35.2	39.9
PRIMARY SOURCE OF PAYMENT—PERCENT DISTRIBUTION						
Total [1] [3]	100.0	100.0	100.0	100.0	100.0	100.0
Own income or family support	50.1	38.1	51.2	53.5	51.1	49.7
Medicare	5.3	5.5	5.7	4.8	5.4	5.3
Medicaid payment for—						
Skilled nursing	13.6	13.5	13.4	13.9	11.6	14.2
Intermediate care	25.7	31.9	24.8	24.3	22.9	26.7
DEPENDENCY STATUS						
Average number of dependencies	3.9	3.4	3.8	4.1	3.6	4.0
Percent of nursing home population requiring assistance in—						
Bathing	91.0	84.8	90.3	93.9	86.8	92.5
Dressing	77.6	70.2	75.9	81.7	71.5	79.6
Using toilet room	63.2	56.6	60.3	68.0	56.1	65.6
Transferring [4]	62.6	52.1	59.7	68.7	55.2	65.1
Eating	40.3	33.4	39.1	43.9	34.7	42.3
Continence	54.5	42.9	55.0	58.1	51.9	55.4

[1] Includes other living arrangements and payment sources, not shown separately. [2] Excludes psychiatric units of hospitals. [3] Payment for admissions month. For persons who were residents for one month or more. [4] Getting in or out of a bed or a chair.

Source: U.S. National Center for Health Statistics, *Nursing Home Utilization by Current Residents: United States, 1985, Vital and Health Statistics*, series 13, No. 102, and unpublished data.

No. 178. Nursing Home Discharges, by Selected Characteristics: 1976 and 1985

[Based on the National Nursing Home Survey and subject to sampling variation, see source]

Characteristic	Discharges: Total (1,000)		Discharges: Percent distribution		Median duration of stay (days)	
	1976	1985	1976	1985	1976	1985
All discharges [1]	**1,117.5**	**1,223.5**	**100.0**	**100.0**	**75**	**82**
Age at discharge:						
Under 65 years old	136.2	133.1	12.1	10.9	56	69
65 years old and over	981.3	1,090.4	87.8	89.1	78	84
65–74 years old	203.6	202.5	18.2	16.6	52	57
75–84 years old	445.8	458.3	39.9	37.5	67	65
85–94 years old	300.6	369.4	26.9	30.2	123	145
95 years old and over	31.1	60.3	2.8	4.9	379	239
Male	407.7	455.5	36.5	37.2	60	66
Female	709.8	768.0	63.5	62.8	88	93
White	(NA)	1,135.9	(NA)	92.8	(NA)	82
Black	(NA)	82.0	(NA)	6.7	(NA)	101
Other	(NA)	5.6	(NA)	.5	(NA)	44
Hispanic [2]	(NA)	35.5	(NA)	2.9	(NA)	113
Non-Hispanic	(NA)	1,130.7	(NA)	92.4	(NA)	83
Unknown	(NA)	57.4	(NA)	4.7	(NA)	71
Live discharges	825.5	877.0	73.9	71.7	60	70
Dead discharges	289.8	344.2	25.9	28.1	130	163
Live discharges—						
Destination at discharge	825.5	877.0	100.0	100.0	60	70
Private or semiprivate residence	306.7	266.4	37.2	30.4	30	36
Another health facility	484.2	591.5	58.7	67.5	124	113
Another nursing home	108.6	98.0	13.2	11.2	103	83
General or short-stay hospital, except psychiatric unit	339.5	430.2	41.1	49.1	139	130
Veterans hospital	(3)	20.8	(3)	2.4	(3)	65
Other health facility or unknown type	[4] 36.0	42.6	[4] 4.4	4.9	[4] 60	108
Mental health facility	12.0	20.5	1.5	2.3	160	127
Unknown or other	34.7	19.0	4.2	2.2	41	47

NA Not available. [1] Total includes small number of unknown by discharge status. [2] Persons of Hispanic origin may be of any race. [3] Veterans hospital included in "Other health facility." [4] Includes Veterans hospital.

Source: U.S. National Center for Health Statistics, *The National Nursing Home Survey, 1985 Summary for the United States, Vital and Health Statistics*, series 13, No. 97, January 1989, and unpublished data.

No. 179. Residential Facilities for the Mentally Retarded: 1970 to 1987

[For years ending **June 30**. Mentally retarded people refers to those who have been so designated by State governments in the process of placing them into residential facilities]

Item	State-operated facilities [1]					Private facilities [3]			
	1970	1980 [2]	1985 [2]	1986 [2]	1987 [2]	1977	1982	1986	1987
Number of facilities [4]	190	394	881	986	1,079	10,219	14,605	28,900	32,997
Resident patients, beginning of year	189,956	148,734	117,101	112,654	107,665	(NA)	(NA)	(NA)	(NA)
Admissions [5]	14,985	14,064	7,713	8,498	7,027	22,363	22,431	(NA)	24,598
Deaths in institutions	3,496	2,142	1,537	1,371	1,582	891	920	(NA)	1,875
Live releases [6]	14,702	16,225	10,310	11,554	9,963	12,384	12,999	(NA)	20,056
Resident patients, end of year	186,743	140,230	112,183	107,665	102,539	89,120	115,032	148,118	155,935
Rate per 100,000 population [7]	92.5	62.2	46.8	45.2	42.0	41.2	49.7	62.0	64.1
Average daily resident patients	187,897	136,304	111,791	107,750	102,075	(NA)	(NA)	(NA)	(NA)
Maintenance expenditures per day per average daily resident patient (dollars) [8]	13	68	122	130	149	[9] 19	[9] 37	(NA)	(NA)

NA Not available. [1] Data as submitted by many State agencies; figures reflect some estimates. Resident patients at the end of a year do not equal the number at the beginning of a succeeding year. Includes estimates for underreporting. [2] Includes data for 142 facilities in 1980, 121 facilities in 1985, 112 in 1986, and 144 in 1987, operated as mental hospitals or other care facilities and which have mentally retarded residents. The average daily number of mentally retarded residents in these facilities was 8,240 in 1980, 5,602 in 1985, 3,106 in 1986, and 2,837 in 1987. [3] A privately-operated living quarter which provides 24-hour, 7-days-a-week responsibility for room, board, and supervision of mentally retarded persons. Excludes single-family homes providing services to a relative; and nursing homes, boarding homes and foster homes not formally licensed or contracted as mental retardation service providers. [4] Beginning 1986, reflects the development of a large number of community based State-operated facilities which were developed in the early 1980's. [5] Includes readmissions and excludes transfers. 1987 is based on the estimated admission rates for facilities surveyed in the National Medical Expenditure Survey applied to the 1987 resident patient total. Excludes people entering newly opened facilities. [6] 1960–1975, represents excess of patients released alive from hospital over those returning to hospital. Beginning 1980, total live releases. [7] Based on Bureau of the Census estimated civilian population as of July 1. [8] Reporting facilities only; includes salaries and wages, purchased provisions, fuel, light, water, etc. [9] Represents average daily reimbursement rate per resident.

Source: State-operated facilities: U.S. Office of Human Development Services, *Residents in Public Institutions for the Mentally Retarded*, annual through 1970, and unpublished data; 1980 through 1987, Center for Residential and Community Services (CRCS), University of Minnesota, Minneapolis, MN, White, Lakin, Hill, Wright, and Bruininks, Report No. 32; Private facilities: CRCS, Lakin, Hill, White, and Wright, Brief Report No. 32.

No. 180. Mental Retardation Facilities—Summary by Selected Characteristics: 1986

[Mental retardation (MR) facilities include intermediate care facilities (ICF-MR), foster homes, group residences, semi-independent living programs, State institutions and other kinds of MR places. Based on the 1986 Inventory of Long-Term Care Places. For an explanation of mental retardation, see table 179. For details, see source. For composition of regions, see inside front cover]

Characteristic	Facilities		Beds		Residents						
					Number			Percent distribution			Average number of residents
	Number	Percent distribution	Number	Percent distribution	Total [1]	Black	Hispanic [2]	Total [1]	Black	Hispanic [2]	
Total	**14,639**	**100.0**	**269,954**	**100.0**	**250,472**	**29,442**	**10,181**	**100.0**	**100.0**	**100.0**	**17**
BED SIZE											
1–5 beds	5,115	34.9	17,099	6.3	15,234	1,726	623	6.1	5.9	6.1	3
6–9 beds	5,491	37.5	37,318	13.8	34,815	3,159	1,587	13.9	10.7	15.6	6
10–15 beds	2,097	14.3	24,991	9.3	23,444	1,950	937	9.4	6.6	9.2	11
16–99 beds	1,531	10.5	58,050	21.5	54,090	5,485	2,333	21.6	18.6	22.9	35
100 beds or more	405	2.8	132,496	49.1	122,884	17,122	4,701	49.1	58.2	46.2	303
100–199 beds	198	1.4	26,206	9.7	24,539	3,698	995	9.8	12.6	9.8	124
200–499 beds	126	.9	41,331	15.3	38,322	4,904	1,465	15.3	16.7	14.4	304
500 beds or more	81	.6	64,959	24.1	60,028	8,520	2,241	24.0	28.9	22.0	741
GEOGRAPHIC REGION											
Northeast	3,806	26.0	65,812	24.4	61,707	5,634	1,578	24.6	19.1	15.5	16
Midwest	4,741	32.4	83,067	30.8	77,193	6,438	1,079	30.8	21.9	10.6	16
South	2,380	16.3	71,887	26.6	66,767	14,538	2,668	26.7	49.4	26.2	28
West	3,712	25.4	49,188	18.2	44,805	2,832	4,856	17.9	9.6	47.7	12
TYPE OF OWNERSHIP											
Profit	6,330	43.2	66,536	24.6	60,560	6,503	3,495	24.2	22.1	34.3	10
Nonprofit	6,396	43.7	78,935	29.2	75,193	6,938	2,316	30.0	23.6	22.7	12
Government	1,913	13.1	124,483	46.1	114,719	16,001	4,370	45.8	54.3	42.9	60

[1] Includes races not shown separately. [2] Persons of Hispanic origin may be of any race.

Source: National Center for Health Statistics, *Advance Data, No. 143*, September 1987.

No. 181. Mental Health Facilities—Summary by Type of Facility: 1987

[Facilities and beds as of **January 1987**; inpatients as of **yearend 1986**; other data are for calendar year or fiscal year ending in a month other than December since facilities are permitted to report on either a calendar or fiscal year basis. Excludes private psychiatric office practice and psychiatric service modes of all types in hospitals or outpatient clinics of Federal agencies other than Veterans Administration. Excludes data from Puerto Rico, Virgin Islands, Guam, and other territories]

Type of facility	Number of facilities	Inpatient beds		Inpatients		Average daily inpatients (1,000)	Inpatient care episodes [2] (1,000)	Expenditures		Patient care staff [4] (1,000)
		Total (1,000)	Rate [1]	Total (1,000)	Rate [1]			Total (mil. dol.)	Per capita [3] (dol.)	
Total	**4,747**	**267.6**	**111.8**	**237.9**	**99.4**	**228.5**	**2,055**	**18,459**	**77**	**346.5**
Mental hospitals:										
State and county	285	119.0	49.7	111.1	46.4	107.1	445	6,326	26	119.0
Private [5]	751	54.7	22.9	47.8	20.0	46.1	305	3,607	15	60.6
General hospitals [6]	1,351	45.8	19.1	34.5	14.4	34.4	883	2,878	12	61.1
Veterans Administration [7]	139	26.9	11.2	24.3	10.2	21.2	204	1,338	6	23.6
Free-standing psychiatric outpatient services [8]	773	(x)	(x)	(x)	(x)	(x)	(x)	518	2	9.2
Other [9]	1,448	21.2	8.9	20.2	8.4	19.7	218	3,792	16	73.0

X Not applicable. [1] Rate per 100,000 population. Based on Bureau of Census estimated civilian population as of July 1.
[2] "Inpatient care episodes" is defined as the number of residents in inpatient facilities at the beginning of the year plus the total additions to inpatient facilities during the year.
[3] Based on Bureau of the Census estimated civilian population as of July 1.
[4] Full-time equivalent. [5] Includes residential treatment centers for emotionally disturbed children.
[6] Non-Federal hospitals with separate psychiatric services. [7] Includes Veterans Administration (VA) neuropsychiatric hospitals, VA general hospitals with separate psychiatric settings and VA freestanding psychiatric outpatient clinics.
[8] Includes mental health facilities which provide only psychiatric outpatient services.
[9] Includes other multiservice mental health facilities with two or more settings, which are not elsewhere classified, as well as freestanding partial care organizations; which only provide psychiatric partial care services. Number of facilities, expenditures, and staff data also include freestanding psychiatric day/night facilities.

Source: U.S. National Institute of Mental Health, *Statistical Note* series, and unpublished data. (Data collected biennially.)

No. 182. Days of Disability, by Type and Selected Characteristics: 1970 to 1987

[Covers civilian noninstitutional population. Beginning 1984, the levels of estimates may not be comparable to estimates for 1970–1980 because the later data are based on a revised questionnaire and field procedures; for further information, see source. Based on National Health Interview Survey; see Appendix III. For composition of regions, see fig. I, inside front cover]

Item	Total days of disability (millions)						Days per person					
	1970	1980	1984	1985	1986	1987	1970	1980	1984	1985	1986	1987
Restricted-activity days [1]	2,913	4,165	3,427	3,453	3,597	3,448	14.6	19.1	14.8	14.8	15.2	14.5
Male	1,273	1,802	1,454	1,442	1,498	1,464	13.2	17.1	13.0	12.8	13.1	12.7
Female	1,640	2,363	1,973	2,011	2,099	1,984	15.8	21.0	16.5	16.6	17.2	16.1
White [2]	2,526	3,518	2,905	2,899	3,048	2,896	14.4	18.7	14.7	14.5	15.2	14.3
Black [2]	365	580	461	489	473	475	16.2	22.7	16.6	17.4	16.6	16.4
Hispanic [3]	(NA)	(NA)	229	228	226	226	(NA)	(NA)	12.9	13.2	12.5	12.0
Under 65 years	2,331	3,228	2,587	2,557	2,712	2,594	12.9	16.6	12.6	12.4	13.0	12.3
65 years and over	582	937	840	895	884	854	30.7	39.2	31.8	33.1	32.1	30.3
Northeast	709	862	700	689	700	684	14.5	17.9	13.9	13.8	14.0	13.6
Midwest	691	989	799	744	844	746	12.4	17.2	13.4	12.7	14.8	13.0
South	996	1,415	1,232	1,308	1,325	1,220	15.9	19.8	16.0	16.3	16.5	15.0
West	518	899	696	712	728	797	15.6	22.0	15.5	15.7	15.8	16.0
Family income:												
Under $10,000	(NA)	(NA)	952	893	851	756	(NA)	(NA)	24.3	25.8	25.4	24.2
$10,000–$19,999	(NA)	(NA)	801	781	780	750	(NA)	(NA)	15.8	16.7	17.3	16.9
$20,000–$34,999	(NA)	(NA)	769	791	829	761	(NA)	(NA)	12.0	12.1	13.2	12.3
$35,000 or more	(NA)	(NA)	491	568	669	685	(NA)	(NA)	10.2	9.9	10.5	9.9
Bed-disability days [4]	1,222	1,520	1,508	1,436	1,548	1,474	6.1	7.0	6.5	6.1	6.5	6.2
Male	503	616	624	583	613	595	5.2	5.9	5.6	5.2	5.4	5.2
Female	720	904	884	852	935	879	6.9	8.0	7.4	7.1	7.7	7.1
Under 65 years	959	1,190	1,110	1,064	1,137	1,081	5.3	6.1	5.4	5.1	5.4	5.1
65 years and over	263	330	398	371	411	394	13.8	13.8	15.1	13.7	14.9	14.0
Work-loss days [5]	417	485	512	575	607	603	5.4	5.0	4.9	5.3	5.5	5.4
Male	243	271	259	287	302	299	5.0	4.9	4.4	4.8	5.0	4.8
Female	175	215	254	288	305	304	5.9	5.1	5.6	6.0	6.1	6.1
School-loss days [6]	222	204	227	217	226	198	4.9	5.3	5.1	4.8	5.0	4.4
Male	108	95	108	100	99	96	4.7	4.8	4.8	4.4	4.3	4.2
Female	114	109	119	117	127	102	5.1	5.7	5.4	5.3	5.8	4.6

NA Not available. [1] A day when a person cuts down on his usual activities for the whole day because of illness or injury. Includes bed-disability, work-loss, and school-loss days. Total includes other races and unknown income, not shown separately. [2] Beginning 1980 race was determined by asking the household respondent to report his race. In earlier years the racial classification of respondents was determined by interviewer observation. [3] Hispanic persons may be of any race. [4] A day when a person was kept in bed either all or most of the day because of illness or injury. Includes those work-loss and school-loss days actually spent in bed. [5] A day when a person lost the entire workday because of illness or injury. Computed for persons 17 years of age and over (beginning 1984, 18 years of age and over) in the currently employed population, defined as those who were working or had a job or business from which they were not on layoff during the 2-week period preceding the week of interview. [6] Child's loss of entire school day because of illness or injury. Computed for children 6–16 years of age. Beginning 1984, children 5–17 years old.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics,* series 10, and unpublished data.

No. 183. Persons Injured, by Sex, 1970 to 1987, and by Age and Place, 1987

[Covers civilian noninstitutional population and comprises incidents leading to restricted activity and/or medical attention. 1975 and beginning 1982, data not strictly comparable with other years. See headnote, table 182. Based on National Health Interview Survey; see Appendix III]

Year	Persons injured (millions)			Rate per 100 population			Age and place	Persons injured (millions)			Rate per 100 population		
	Total	Male	Female	Total	Male	Female		Total	Male	Female	Total	Male	Female
1970	56.0	31.8	24.2	28.0	33.0	23.3	**1987, total [1]**	**62.1**	**33.6**	**28.4**	**26.0**	**29.1**	**23.1**
1975	71.9	39.4	32.5	34.4	39.1	30.0	Under 5 years	4.8	2.7	2.1	26.1	28.9	23.2
1978	67.5	38.1	29.4	31.6	36.9	26.6	5–17 years	14.4	8.4	6.0	31.9	36.4	27.3
1979	69.1	40.2	28.9	32.0	38.6	25.9	18–44 years	29.0	16.7	12.2	28.3	33.5	23.5
1980	68.1	39.0	29.1	31.2	37.1	25.8	45–64 years	8.0	4.0	4.0	17.9	18.7	17.2
							65 years and over	6.0	1.9	4.1	21.1	15.9	24.8
1981	70.3	40.1	30.2	31.2	36.9	25.9							
1982	60.0	32.4	27.6	26.4	29.6	23.4	Home	21.0	11.0	9.9	8.8	9.6	8.1
1983	61.1	33.0	28.1	26.6	29.8	23.7	Street or						
1984	61.1	33.7	27.4	26.4	30.1	22.9	highway	7.7	4.2	3.5	3.2	3.6	2.9
1985	62.6	34.6	28.0	26.8	30.6	23.1	Industrial	7.4	5.5	1.9	3.1	4.7	1.5
1986	62.4	34.0	28.4	26.4	29.8	23.3	Other	15.8	8.7	7.1	6.6	7.6	5.8

[1] Includes unknown place of accident, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics,* series 10, and unpublished data.

No. 184. Percent of Children Immunized Against Specified Diseases, by Age-Group: 1980 to 1985

[Covers civilian noninstitutional population. Data are estimates from the Immunization Survey which is a supplemental questionnaire submitted to a subsample of households interviewed for the Current Population Survey (see text, section 1 and Appendix III). Subject to sampling variability; see source]

Disease	All respondents										Respondents consulting records,[1] 1985	
	1–4 years old					5–14 years old						
	1980, total	1984, total	1985			1980, total	1984, total	1985			1–4 years old	5–14 years old
			Total	White	Black and other			Total	White	Black and other		
Diptheria-tetanus-pertussis [2]	66.3	65.7	64.9	68.7	48.7	74.0	73.8	73.7	76.0	64.0	87.0	93.0
Polio [2]	58.8	54.8	55.3	58.9	40.1	70.0	70.2	69.7	72.6	57.5	75.7	88.4
Measles	63.5	62.8	60.8	63.6	46.8	71.0	73.5	71.5	73.6	62.6	76.9	87.6
Rubella	63.5	60.9	58.9	61.6	47.7	74.0	72.4	70.2	72.3	61.4	73.8	85.3
Mumps	56.6	58.7	58.9	61.8	47.0	63.2	70.9	71.6	73.6	63.2	75.5	87.1

[1] Data are based only on the 29 percent of White respondents and the 15 percent of Black and other respondents who consulted records for some or all vaccination questions. [2] Three or more doses.

Source: U.S. Centers for Disease Control, Atlanta, GA, *United States Immunization Survey*, annual.

No. 185. Specified Reportable Diseases—Cases Reported: 1970 to 1988

[Figures should be interpreted with caution. Although reporting of some of these diseases is incomplete, the figures are of value in indicating trends of disease incidence. Includes cases imported from outside the U.S. See *Historical Statistics, Colonial Times to 1970*, series B 291–303, for related data]

Disease	1970	1980	1981	1982	1983	1984	1985	1986	1987	1988
AIDS [1]	(NA)	(NA)	199	744	2,117	4,445	8,249	13,166	21,070	31,001
Amebiasis	2,888	5,271	6,632	7,304	6,658	5,252	4,433	3,532	3,123	2,860
Aseptic meningitis	6,480	8,028	9,547	9,680	12,696	8,326	10,619	11,374	11,487	7,234
Botulism [2]	12	89	103	97	133	123	122	109	82	84
Brucellosis (undulant fever)	213	183	185	173	200	131	153	106	129	96
Chickenpox (1,000)	(3)	190.9	200.8	167.4	177.5	222.0	178.2	183.2	213.2	192.9
Diphtheria	435	3	5	2	5	1	3	–	3	2
Encephalitis:										
Primary infectious [4]	1,580	1,362	1,492	1,464	1,761	1,257	1,376	1,302	1,418	882
Post infectious [4]	370	40	43	36	34	108	161	124	121	121
Hepatitis: B (serum) (1,000)	8.3	19.0	21.2	22.2	24.3	26.1	26.6	26.1	25.9	23.2
A (infectious) (1,000)	56.8	29.1	25.8	23.4	21.5	22.0	23.2	23.4	25.3	28.5
Unspecified (1,000)	(3)	11.9	11.0	8.6	7.1	5.5	5.5	3.9	3.1	2.5
Non-A, non-B (1,000)	(3)	(3)	(3)	2.6	3.5	3.9	4.2	3.6	3.0	2.6
Legionellosis	(3)	(3)	(3)	654	852	750	830	948	1,038	1,085
Leprosy	129	223	256	250	259	290	361	270	238	184
Leptospirosis	47	85	82	100	61	40	57	41	43	54
Malaria	3,051	2,062	1,388	1,056	813	1,007	1,049	1,123	944	1,099
Measles (1,000)	47.4	13.5	3.1	1.7	1.5	2.6	2.8	6.3	3.7	3.4
Meningococcal infections	2,505	2,840	3,525	3,056	2,736	2,746	2,479	2,594	2,930	2,964
Mumps (1,000)	105.0	8.6	4.9	5.3	3.4	3.0	3.0	7.8	12.8	4.9
Pertussis [5] (1,000)	4.2	1.7	1.2	1.9	2.5	2.3	3.6	4.2	2.8	3.5
Plague	13	18	13	19	40	31	17	10	12	15
Poliomyelitis, acute	33	9	6	8	15	8	7	10	6	[6] 9
Psittacosis	35	124	136	152	142	172	119	224	98	114
Rabies, animal	3,224	6,421	7,118	6,212	5,878	5,567	5,565	5,504	4,658	4,651
Rabies, human	3	–	2	–	2	3	1	–	1	–
Rheumatic fever, acute [7]	3,227	432	264	137	88	117	90	147	141	158
Rubella [8] (1,000)	56.6	3.9	2.1	2.3	1.0	1.0	.6	.6	.3	.2
Salmonellosis [9] (1,000)	22.1	33.7	40.0	40.9	44.3	40.9	65.3	50.0	50.9	48.9
Shigellosis [10] (1,000)	13.8	19.0	19.9	18.1	19.7	17.4	17.1	17.1	23.9	30.6
Tetanus	148	95	72	88	91	74	83	64	48	53
Toxic-shock syndrome	(3)	(3)	(3)	(3)	502	482	384	412	372	390
Trichinosis	109	131	206	115	45	68	61	39	40	45
Tuberculosis [11] (1,000)	37.1	27.7	27.4	25.5	23.8	22.3	22.2	22.8	22.5	22.4
Tularemia	172	234	288	275	310	291	177	170	214	201
Typhoid fever	346	510	584	425	507	390	402	362	400	436
Typhus fever:										
Flea-borne (endemic-murine)	27	81	81	58	62	53	37	67	49	54
Tick-borne (Rocky Mt. spotted fever)	380	1,163	1,192	976	1,126	838	714	760	604	609
Venereal diseases (civilian cases):										
Gonorrhea (1,000)	600	1,004	991	961	900	879	911	901	781	720
Syphilis (1,000)	91	69	73	76	75	70	68	68	87	103
Other (1,000)	2.2	1.0	1.2	1.6	1.2	1.0	2.3	4.2	5.3	5.2

– Represents zero. NA Not available. [1] Acquired immunodeficiency syndrome was not a notifiable disease until 1984. Figures are shown for years in which cases were reported to the CDC. [2] Beginning in 1980, includes foodborne, infant, wound, and unspecified cases. [3] Disease was not notifiable. [4] Beginning 1980, reported data reflect new diagnostic categories. [5] Whooping cough. [6] Preliminary. [7] Based on reports from States: 38 in 1970 and 1981, 37 in 1980, 35 in 1982–1984, 31 in 1985, 29 in 1986 and 1988, and 25 in 1987. [8] German measles. [9] Excludes typhoid fever. [10] Bacillary dysentery. [11] Newly reported active cases. New diagnostic standards introduced in 1980.

Source: U.S. Centers for Disease Control, Atlanta, GA, *Summary of Notifiable Diseases, United States, Morbidity and Mortality Weekly Report*, vol. 37, No. 54, October 1989.

No. 186. Selected Measures of Hospital Utilization for Patients Discharged With the Diagnosis of AIDS: 1984 to 1987

[Based on National Hospital Discharge Survey; see source for details]

MEASURE OF UTILIZATION	Unit	1984	1985	1986	1987
Number of patients discharged	1,000	10	23	37	50
Rate of patient discharges [1]	Rate	.4	1.0	1.6	2.1
Number of days of care	1,000	123	387	606	783
Rate of days of care [1]	Rate	5.2	16.3	25.3	32.4
Average length of stay [2]	Days	12.1	17.1	16.2	15.7

[1] Per 10,000 population. Based on Bureau of the Census estimated civilian population as of July 1. [2] For similar data on all patients, see table 169.

Source: National Center for Health Statistics, *Vital and Health Statistics, Advance Data,* No. 156, May 1988, and unpublished data.

No. 187. AIDS Cases Reported, by Patient Characteristic: 1981 to 1989

[**Provisional.** For cases reported in the year shown. For data on AIDS deaths, see table 119. Data are subject to retrospective changes and may differ from those data in table 185]

CHARACTERISTIC	NUMBER OF CASES									PERCENT DISTRIBUTION	
	Total	1981–82	1983	1984	1985	1986	1987	1988	1989 [1]	1981–82	1989 [1]
Total	**99,839**	**834**	**2,067**	**4,446**	**8,205**	**13,156**	**21,143**	**30,897**	**19,091**	**100.0**	**100.0**
Age:											
Under 5 years old	1,365	12	33	47	110	157	265	441	300	1.4	1.6
5 to 12 years old	295	1	1	3	18	29	56	127	60	.1	.3
13–29 years old	20,747	197	457	959	1,691	2,814	4,402	6,411	3,816	23.6	20.0
30–39 years old	46,067	391	934	2,118	3,845	6,116	9,636	14,198	8,829	46.9	46.2
40–49 years old	21,099	169	447	922	1,715	2,691	4,522	6,537	4,096	20.3	21.5
50–59 years old	7,255	59	165	314	626	968	1,554	2,166	1,403	7.1	7.3
60 years old and over	3,011	5	30	83	200	381	708	1,017	587	.6	3.1
Sex:											
Male	90,536	777	1,910	4,152	7,619	12,102	19,311	27,598	17,067	93.2	89.4
Female	9,302	57	157	294	586	1,054	1,832	3,298	2,024	6.8	10.6
Race/ethnic group:											
White, non-Hispanic	58,205	464	1,179	2,700	4,974	7,854	12,988	17,274	10,772	55.7	56.4
Black, non-Hispanic	27,627	249	567	1,116	2,087	3,390	5,386	9,115	5,717	29.9	30.0
Hispanic	13,043	118	313	608	1,084	1,789	2,553	4,206	2,372	14.2	12.4
Other	961	2	7	22	60	123	216	302	229	.2	1.2
Leading States: [2]											
New York	23,424	454	866	1,587	2,482	3,786	3,966	6,933	3,350	54.4	17.5
California	20,478	119	447	1,006	1,951	2,638	4,878	5,794	3,645	14.3	19.1
Florida	8,248	67	152	314	554	1,019	1,656	2,705	1,781	8.0	9.3
New Jersey	7,074	63	136	281	469	770	1,514	2,455	1,386	7.6	7.3
Texas	6,969	20	89	250	484	940	1,670	2,238	1,278	2.4	6.7
Percent of total	66.3	86.7	81.8	77.3	72.4	69.6	64.7	65.8	59.9	(x)	(x)

X Not applicable. [1] January 1 until July. [2] States with at least 700 cases reported from January through July 1989.

Source: U.S. Centers for Disease Control, Atlanta, GA, unpublished data.

No. 188. AIDS Cases, Expenditures, and Appropriations for AIDS, by Category and Leading States: 1984 to 1989

[**For fiscal years, except as indicated.** Based on survey of State budget analysts, commissioners of health and AIDS coordinators, and other State agencies with AIDS programs, (e.g. Departments of Education)]

ITEM	Unit	1984–89, total	1984	1985	1986	1987	1988	1989	Percent change, 1988–89
Total diagnosed AIDS cases [1]	Number	77,994	4,085	9,717	19,503	33,285	47,022	77,994	66
U.S. Public Health Service expenditures	$1,000	3,147,890	61,460	108,618	233,812	494,000	961,000	1,289,000	34
State government appropriations [2]	$1,000	516,422	9,285	9,594	27,531	66,738	156,274	247,000	58
Number of States	Number	(x)	5	9	21	28	37	47	(x)
Appropriations for—									
Education/information	Percent	(x)	(NA)	(NA)	25	19	21	26	(x)
Support services [3]	Percent	(x)	(NA)	(NA)	12	11	19	13	(x)
Research	Percent	(x)	(NA)	(NA)	41	27	17	8	(x)
Patient care [3]	Percent	(x)	(NA)	(NA)	4	15	16	25	(x)
Testing/counseling	Percent	(x)	(NA)	(NA)	3	11	12	18	(x)
Leading areas by appropriations: [4]									
California	$1,000	189,939	3,400	4,094	16,020	31,515	58,033	76,877	32
New York	$1,000	114,654	5,250	2,800	4,500	9,500	39,920	52,884	32
Florida	$1,000	36,494	25	32	576	5,557	12,539	17,765	42
Massachusetts	$1,000	29,522	(x)	1,500	1,604	4,073	7,591	14,754	94
New Jersey	$1,000	29,301	530	920	1,969	4,963	7,907	13,012	65
Percent of total	Percent	77.4	99.1	97.4	89.6	83.3	80.6	71.0	(x)

NA Not available. X Not applicable. [1] Total cumulative number, as of beginning of fiscal year. [2] Includes DC. Includes appropriations from State governments direct general revenue funds only; excludes Medicaid expenditures. [3] Beginning 1989, hospice care included in patient care, rather than support services. [4] Areas with over $7 million appropriations for 1989.

Source: AIDS Policy Center, Intergovernmental Health Policy Project, The George Washington University, Washington, DC, *Intergovernmental AIDS Reports,* vol. 2, No. 3A.

No. 189. Acute Conditions, by Type, 1970 to 1987, and by Selected Characteristics, 1987

[Covers civilian noninstitutional population. Estimates include only acute conditions which were medically attended or caused at least one day of restricted activity. Based on National Health Interview Survey; see Appendix III. See headnote, table 182. For composition of regions, see fig. I, inside front cover]

Year and characteristic	Number of conditions (mil.)					Rate per 100 population				
	Infective and parasitic	Respiratory		Digestive system	Injuries	Infective and parasitic	Respiratory		Digestive system	Injuries
		Upper	Other				Upper	Other		
1970	48.2	127.3	92.5	23.0	59.2	24.1	63.7	46.3	11.5	29.6
1975	47.6	124.0	109.0	21.6	76.2	22.8	59.3	52.1	10.3	36.4
1980	53.6	124.2	129.0	24.9	72.7	24.6	57.0	59.2	11.4	33.4
1983	46.5	93.0	101.8	17.5	63.0	20.3	40.6	44.4	7.6	27.5
1984	46.5	88.0	117.4	17.5	62.8	20.1	38.0	50.7	7.6	27.1
1985	47.8	95.1	108.4	16.3	64.0	20.5	40.7	46.4	7.0	27.4
1986	54.4	85.2	143.6	15.0	64.3	23.0	36.1	60.8	6.3	27.2
1987, total [1]	**55.3**	**84.7**	**106.4**	**15.0**	**64.5**	**23.2**	**35.5**	**44.6**	**6.3**	**27.0**
Under 5 years old	10.4	17.7	11.4	1.9	4.7	57.0	97.5	62.7	10.7	25.9
5–17 years old	20.2	24.0	26.2	3.8	15.1	44.8	53.3	58.1	8.4	33.5
18–24 years old	5.9	7.8	15.2	2.1	8.7	22.5	29.8	58.3	7.9	33.3
25–44 years old	13.8	21.5	35.0	3.8	21.6	18.2	28.2	46.0	5.0	28.5
45–64 years old	3.5	9.6	12.7	1.5	8.2	7.8	21.4	28.3	3.3	18.2
65 years old and over	1.5	4.0	5.8	1.9	6.1	5.5	14.3	20.4	6.8	21.7
Male	23.4	36.0	47.7	7.0	35.2	20.3	31.2	41.3	6.0	30.5
Female	31.9	48.6	58.7	8.1	29.2	25.9	39.5	47.6	6.6	23.7
White	48.6	71.7	95.4	11.9	57.8	24.1	35.6	47.3	5.9	28.6
Black	5.5	9.8	7.1	2.7	5.4	19.2	33.8	24.6	9.2	18.5
Northeast	11.5	17.0	16.6	2.8	11.4	23.0	33.9	33.2	5.5	22.7
Midwest	10.7	19.0	28.6	2.8	15.4	18.7	33.1	49.8	4.8	26.9
South	25.0	26.9	28.7	5.8	22.4	30.7	33.0	35.3	7.1	27.5
West	8.1	21.8	32.5	3.7	15.3	16.3	43.8	65.4	7.4	30.8
Family income:										
Under $10,000	6.8	12.5	14.5	2.3	10.2	21.8	40.1	46.4	7.4	32.7
$10,000–$19,999	10.3	15.6	20.0	2.9	12.1	23.1	35.1	45.0	6.6	27.3
$20,000–$34,999	15.3	20.6	28.4	4.1	18.2	24.8	33.3	46.1	6.7	29.5
$35,000 or more	17.6	26.5	32.3	3.3	18.1	25.4	38.3	46.7	4.8	26.1

[1] Includes other races and unknown income, not shown separately.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, and unpublished data.

No. 190. Prevalence of Selected Reported Chronic Conditions, by Age and Sex: 1980 and 1987

[See headnote, table 191]

Chronic condition	1980		1987								
	Number of conditions (1,000)	Rate [1]	Number of conditions (1,000)	Rate [1]							
				Total	Under 18 yrs.	18–44 yrs.	45–64 yrs.	65–74 yrs.	75 yrs. and over	Male	Female
Heart conditions	16,434	75.4	19,656	82.4	22.2	40.7	126.1	284.7	322.2	77.2	87.3
High blood pressure (Hypertension)	24,919	114.3	28,295	118.6	3.2	61.8	252.0	392.4	337.0	106.9	129.6
Varicose veins of lower extremities	5,930	27.2	7,341	30.8	[2] .7	26.8	54.1	82.5	64.8	12.4	48.0
Hemorrhoids	8,616	39.5	10,487	44.0	[2] .6	46.9	79.7	74.1	73.1	41.5	46.3
Chronic bronchitis	7,869	36.1	12,749	53.4	62.1	40.4	56.9	86.9	58.2	45.7	60.7
Asthma	6,803	31.2	9,565	40.1	52.5	34.5	36.3	39.0	37.8	39.9	40.3
Chronic sinusitis	31,956	145.0	31,642	132.6	57.6	149.5	192.1	154.0	131.4	117.3	147.1
Hay fever, allergic rhinitis without asthma	17,433	80.0	22,687	95.1	64.0	121.2	93.8	89.8	44.9	94.1	96.0
Dermatitis, including eczema	9,139	41.9	8,698	36.5	32.1	38.3	41.8	25.8	39.4	28.7	43.7
Diseases of sebaceous glands [3]	5,046	23.2	5,996	25.1	28.0	35.5	9.0	6.7	6.6	23.6	26.6
Arthritis	27,773	127.4	31,438	131.8	2.8	52.8	273.3	463.6	511.9	91.3	169.8
Trouble with—											
Ingrown nails	[4] 4,503	[4] 19.8	5,684	23.8	7.3	25.2	31.6	36.2	56.0	23.2	24.4
Corns and calluses	[4] 4,811	[4] 21.2	4,076	17.1	[2] 1.4	14.6	29.3	33.6	54.9	11.4	22.4
Dry (itching) skin	[4] 3,698	[4] 16.3	4,294	18.0	9.4	19.2	19.1	26.5	38.6	15.9	20.0
Diabetes	5,665	26.0	6,641	27.8	[2] 2.0	11.9	56.4	98.3	98.2	27.8	27.9
Migraine	5,630	25.8	8,549	35.8	8.4	54.0	45.7	18.8	[2] 10.5	18.2	52.4
Diseases of urinary system [5]	5,444	25.0	6,769	28.4	7.3	27.8	39.6	54.8	67.7	17.3	38.8
Visual impairments	7,984	36.6	7,934	33.3	10.1	29.3	47.3	56.3	111.2	39.2	27.7
Cataracts	[4] 5,124	[4] 22.6	5,579	23.4	[2] .2	1.7	18.6	105.2	252.0	16.4	30.0
Hearing impairments	17,370	79.7	20,994	88.0	16.0	54.1	135.6	264.7	348.0	103.1	73.9
Tinnitus	[4] 5,130	[4] 22.6	6,235	26.1	[2] 1.1	18.4	41.7	96.6	67.9	26.5	25.8
Deformities or orthopedic impairments	18,504	84.9	27,725	116.2	35.8	135.4	155.0	154.9	182.0	116.9	115.6
Hernia of abdominal cavity	[4] 4,970	[4] 21.9	4,624	19.4	2.6	9.0	38.7	66.0	60.6	19.0	19.7
Frequent indigestion	[4] 5,360	[4] 23.6	6,075	25.5	2.6	28.0	40.5	45.6	40.9	26.4	24.6
Frequent constipation	[4] 4,431	[4] 19.5	4,704	19.7	7.6	14.4	18.2	50.4	97.9	10.0	28.8

NA Not available. [1] Conditions per 1,000 persons. [2] Figure does not meet standards of reliability or precision. [3] Acne and sebaceous skin cyst. [4] 1982 data. [5] Includes kidney trouble and bladder disorders.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10 and unpublished data.

No. 191. Persons With Activity Limitation, by Selected Chronic Conditions: 1980 and 1985

[Covers civilian noninstitutional population. Conditions classified according to ninth revision of International Classification of Diseases. Based on National Health Interview Survey; see Appendix III. See headnote, table 182]

Condition	Total [1]	Age: Under 45 years	Age: 45–64 years	Age: 65 years and over	Sex: Male	Sex: Female	Race: White	Race: Black	Family income: Under $20,000	Family income: $20,000 to $34,999	Family income: $35,000 and over
1980											
Persons with limitation (mil.)	**31.4**	**10.2**	**10.4**	**10.8**	**15.5**	**15.9**	**27.1**	**3.9**			
Percent limited by—											
Heart conditions	16.4	4.3	19.7	24.5	18.0	14.7	16.6	15.2			
Arthritis and rheumatism	17.5	5.4	20.0	26.5	11.0	23.7	17.4	18.3			
Hypertension [2]	9.9	3.3	13.2	13.1	7.7	12.1	8.6	19.2			
Impairment of back/spine	9.2	13.9	9.9	4.0	9.1	9.2	9.4	7.7	(NA)	(NA)	(NA)
Impairment of lower extremities and hips	8.0	10.7	7.2	6.4	9.0	7.1	8.1	7.2			
Percent of all persons with—											
No activity limitation	85.6	93.2	76.1	54.8	85.3	85.9	85.6	84.9			
Activity limitation	14.4	6.8	23.9	45.2	14.7	14.1	14.4	15.1			
In major activity	10.9	4.2	18.8	39.0	11.2	10.6	10.8	12.2			
1985											
Persons with limitation (mil.)	**32.7**	**11.6**	**10.4**	**10.7**	**15.3**	**17.4**	**28.0**	**4.1**	**16.6**	**7.1**	**4.7**
Percent limited by—											
Heart conditions	17.4	4.7	21.5	27.1	18.2	16.7	17.5	16.9	21.5	14.4	14.8
Arthritis and rheumatism	18.9	5.4	22.8	29.7	12.4	24.6	18.9	20.3	25.0	14.3	13.5
Hypertension [2]	10.5	2.9	15.2	14.2	7.9	12.8	9.0	21.3	15.1	7.0	5.3
Impairment of back/spine	9.2	12.5	10.4	4.4	8.9	9.4	9.4	7.0	9.1	11.0	10.6
Impairment of lower extremities and hips	8.9	10.7	8.2	7.8	9.4	8.5	9.0	8.1	10.1	8.5	9.6
Percent of all persons with—											
No activity limitation	86.0	92.8	76.6	60.4	86.4	85.6	85.9	85.5	79.7	89.2	91.9
Activity limitation	14.0	7.2	23.4	39.6	13.6	14.4	14.1	14.5	20.3	10.8	8.1
In major activity	9.5	4.9	17.5	24.1	9.7	9.4	9.4	11.1	14.2	7.3	5.1

NA Not available. [1] Includes persons with unknown family income and other races, not shown separately. [2] Covers all cases of hypertension, regardless of other conditions.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics,* series 10, and unpublished data.

No. 192. Impaired Hearing and Sight and Prevalence of Selected Conditions of Persons 65 Years Old and Over: 1984

[**In thousands, except percent. Covers persons 65 years old and over** who were living in communities outside of nursing homes or other institutions (civilian noninstitutional population). Based on a supplement to the National Health Interview Survey; see Appendix III. See also table 193]

Impairment or condition	65 years and over	Age: 65–74 years old: Total	Age: 65–74 years old: Male	Age: 65–74 years old: Female	Age: 75–84 years old: Total	Age: 75–84 years old: Male	Age: 75–84 years old: Female	Age: 85 years and over	Living—: Alone	Living—: With others
Total, 65 years and over	**26,433**	**16,288**	**7,075**	**9,213**	**8,249**	**3,128**	**5,121**	**1,897**	**8,397**	**18,036**
Percent with—										
Hearing impairment	28.7	23.2	30.3	17.7	34.3	42.3	29.5	51.4	26.9	29.5
Deafness in—										
One ear	6.9	6.0	7.2	5.0	7.7	9.1	6.9	11.4	6.6	7.1
Both ears	4.8	3.0	4.1	2.2	6.1	7.6	5.3	14.0	4.7	4.8
Using hearing aid	8.2	5.7	7.0	4.7	10.7	13.6	8.9	19.0	7.6	8.5
Visual impairment	12.9	9.6	10.1	9.3	15.9	17.0	15.3	27.6	13.4	12.6
Blindness in—										
One eye	3.1	2.2	2.8	1.7	4.2	5.2	3.5	5.9	3.1	3.1
Both eyes	1.2	.7	.7	.6	1.5	1.6	1.3	4.5	.9	1.3
Cataracts	18.4	12.4	9.3	14.8	26.4	21.1	29.6	35.2	22.8	16.3
Operation for cataracts	10.4	6.7	6.8	6.7	15.2	13.8	16.1	20.7	12.5	9.4
Using eyeglasses	95.1	95.4	94.3	96.2	95.4	93.3	96.7	91.4	94.8	95.2
Arthritis or rheumatism	52.5	51.0	43.9	56.5	55.2	43.9	62.1	53.3	57.2	50.3
Coronary heart disease	15.4	14.6	18.1	11.9	16.9	19.0	15.7	16.4	13.8	16.2
Hypertension	44.1	42.8	38.3	46.3	46.4	34.7	53.5	44.4	46.7	42.8

Source: U.S. National Center for Health Statistics, unpublished data from the Supplement on Aging to the 1984 National Health Interview Survey.

No. 193. Functional Limitations of Persons 65 Years Old and Over: 1984

[**In thousands, except percent.** Covers persons 65 years old and over who were living in communities outside of nursing homes or other institutions (civilian noninstitutional population). Based on a supplement to the National Health Interview Survey; see Appendix III. See also table 192]

Functional limitation	Persons 65 years and over	Age: 65–74 years old			Age: 75–84 years old			Age: 85 years and over	Living—Alone	Living—With others
		Total	Male	Female	Total	Male	Female			
Total, 65 years and over	**26,433**	**16,288**	**7,075**	**9,213**	**3,249**	**3,128**	**5,121**	**1,897**	**8,397**	**18,036**
Percent with difficulty [1] in—										
Walking	18.7	14.2	12.9	15.1	22.9	18.3	25.7	39.9	20.4	17.9
Getting outside	9.6	5.6	4.5	6.5	12.3	7.5	15.3	31.3	9.7	9.5
Bathing or showering	9.8	6.4	5.7	6.9	12.3	9.2	14.2	27.9	9.9	9.7
Transferring [2]	8.0	6.1	4.8	7.0	9.2	6.0	11.2	19.3	8.8	7.6
Dressing	6.2	4.3	4.4	4.2	7.6	7.3	7.7	16.6	5.0	6.8
Using toilet	4.3	2.6	2.4	2.7	5.4	3.6	6.5	14.1	3.4	4.7
Eating	1.8	1.2	1.5	.9	2.5	2.5	2.4	4.4	1.2	2.1
Preparing meals	7.1	4.0	3.0	4.8	8.8	6.0	10.5	26.1	6.0	7.6
Shopping for personal items	11.3	6.4	4.6	7.8	15.0	9.6	18.4	37.0	11.9	11.0
Managing money	5.1	2.2	2.8	1.8	6.3	5.4	6.8	24.0	4.0	5.5
Using the telephone	4.8	2.7	3.5	2.0	6.0	7.9	4.8	17.5	2.6	5.8
Doing heavy housework	23.8	18.6	11.2	24.3	28.7	15.9	36.4	47.8	28.0	21.9
Doing light housework	7.1	4.3	3.5	5.0	8.9	6.2	10.5	23.6	6.6	7.4
Percent not performing activity—										
Preparing meals	5.2	4.6	9.8	.5	5.5	12.0	1.6	8.9	1.1	7.1
Shopping for personal items	2.0	1.1	1.9	.5	2.5	2.9	2.3	7.5	2.2	1.9
Managing money	1.9	1.3	1.6	1.1	2.2	2.1	2.2	5.9	.8	2.4
Using the telephone	.8	.5	.8	.3	.9	1.4	.6	2.1	.8	.7
Doing heavy housework	9.7	8.1	12.7	4.6	11.5	16.3	8.6	15.9	7.1	11.0
Doing light housework	3.5	2.8	6.1	.3	4.0	7.8	1.7	7.1	.7	4.8
Percent of total receiving help [3]—										
Walking	4.7	2.9	2.8	2.9	5.7	3.7	6.9	15.3	2.4	5.7
Getting outside	5.3	2.7	2.2	3.1	6.9	3.7	8.8	21.2	4.1	5.9
Bathing or showering	6.0	3.3	3.3	3.3	7.7	6.6	8.4	21.0	3.6	7.0
Transferring [2]	2.8	1.8	1.7	1.8	3.6	2.7	4.1	9.0	1.0	3.7
Dressing	4.3	2.9	3.3	2.7	5.1	5.7	4.7	13.3	1.7	5.6
Using toilet	2.2	1.2	1.4	1.1	2.9	2.3	3.2	8.2	.7	3.0
Eating	1.1	.6	.9	.5	1.5	1.8	1.4	2.7	.3	1.4
Preparing meals	6.0	3.3	2.8	3.7	7.1	5.4	8.2	23.7	3.6	7.0
Shopping for personal items	10.5	5.8	4.3	6.9	14.1	8.9	17.2	35.9	10.4	10.6
Managing money	4.8	2.1	2.6	1.7	5.8	5.0	6.3	23.5	3.6	5.3
Using the telephone	3.0	1.5	2.0	1.1	3.9	5.0	3.2	11.7	.9	3.9
Doing heavy housework	19.3	14.5	9.3	18.5	23.1	12.7	29.4	44.1	20.1	18.9
Doing light housework	6.2	3.6	3.2	4.0	7.6	5.7	8.7	21.6	4.5	6.9
Percent of those with difficulty [1] receiving help [3]—										
Walking	24.8	20.4	21.8	19.4	24.9	20.2	26.9	38.3	11.8	31.7
Getting outside	55.8	48.0	49.4	47.3	55.7	49.4	57.5	68.0	42.0	62.4
Bathing or showering	60.9	51.9	58.4	47.9	62.6	71.6	59.1	75.1	36.5	72.5

[1] Difficulty due to a health or physical problem. [2] Getting in or out of a bed or chair. [3] Receiving help due to a health-related problem with the specified difficulty.

Source: U.S. National Center for Health Statistics, *Aging in the Eighties; Functional Limitations of Individuals Age 65 Years and Over,* June 1987, and unpublished data from the Supplement on Aging to the 1984 National Health Interview Survey.

No. 194. Persons With Known Case of Diabetes, by Selected Characteristics: 1986

[Covers civilian noninstitutional population 18 years old and over. Annual average. Based on subsamples of households in the National Health Interview Survey; see Appendix III]

Sex and race	Number (1,000): Total	Number (1,000): Under 45 years	Number (1,000): 45–64 years	Number (1,000): 65 years and over	Rate per 1,000 population: Total	Rate per 1,000 population: Under 45 years	Rate per 1,000 population: 45–64 years	Rate per 1,000 population: 65 years and over
Total persons with known diabetes [1]	**6,641**	**1,340**	**2,535**	**2,766**	**27.8**	**8.1**	**56.4**	**98.2**
Male	3,205	665	1,278	1,262	27.8	8.1	59.5	108.3
Female	3,437	676	1,257	1,504	27.9	8.1	53.5	91.1
White	5,401	1,077	2,004	2,320	26.8	7.8	51.2	91.3
Black	1,067	217	467	383	36.9	9.8	102.5	162.8

[1] Includes other races not shown separately.

Source: U.S. National Center for Health Statistics, unpublished data.

No. 195. Cancer—Estimated New Cases, 1989, and Survival Rates, 1974-1976 to 1980-1985

[Five-year survival rates represent the number of persons who live at least five years after a disease is diagnosed per 100 persons diagnosed with the disease in a given time period. Survival data shown are based on those patients diagnosed while residents of an area listed below during the time periods shown. Data are based on information collected as part of the National Cancer Institute's Surveillance, Epidemiology and End Results (SEER) program, a collection of population-based registries in Connecticut, New Mexico, Utah, Iowa, Hawaii, Atlanta, Detroit, Seattle-Puget Sound, and San Francisco-Oakland]

Site	Estimated new cases,[1] 1989 (1,000)			Five-year relative survival rates (percent)								
				All races[2]			White			Black		
	Total	Male	Female	1974-1976	1977-1979	1980-1985	1974-1976	1977-1979	1980-1985	1974-1976	1977-1979	1980-1985
All sites[3]	**1,010**	**505**	**505**	**49**	**49**	**50**	**50**	**50**	**51**	**39**	**38**	**38**
Lung	155	101	54	12	13	13	12	13	13	11	11	12
Breast	143	1	142	[4] 74	[4] 74	[4] 75	[4] 75	[4] 75	[4] 76	[4] 63	[4] 62	[4] 64
Colon	107	50	57	50	52	55	50	52	55	45	47	48
Prostate	103	103	(x)	66	70	72	67	71	73	58	62	63
Bladder	47	35	13	72	74	77	73	75	78	47	54	56
Rectum	44	23	21	48	49	52	48	50	53	41	38	39
Corpus uteri	34	(x)	34	88	85	82	89	87	83	62	57	52
Non-Hodgkin's lymphoma[5]	33	17	16	47	48	50	47	48	51	48	49	44
Oral cavity and pharynx	31	21	10	53	52	51	55	53	54	36	36	31
Leukemia[5]	27	15	12	33	35	33	34	36	34	30	30	27
Melanoma of skin	27	15	13	79	81	81	79	81	81	67	37	66
Pancreas	27	13	14	3	2	3	3	2	3	2	4	5
Kidney	23	15	9	51	50	53	51	50	52	50	53	55
Stomach	20	12	8	15	17	17	14	16	16	16	15	18
Ovary	20	(x)	20	36	38	39	36	37	38	41	39	38
Cervix uteri[6]	13	(x)	13	68	67	66	69	68	67	63	61	59

X Not applicable. [1] Estimates provided by American Cancer Society are based on rates from the National Cancer Institute's SEER program 1983-1985. [2] Includes other races, not shown separately. [3] Includes other sites, not shown separately. [4] Female only. [5] All types combined. [6] Invasive cancer only.

Source: U.S. National Institutes of Health, National Cancer Institute, *Annual Cancer Statistics Review*, 1989.

No. 196. Women Who Have Had a Mammogram, Breast Physical Exam or Who Perform Breast Self Exams (BSE): 1987

[For **women 40 years old and over.** Based on the National Health Interview Survey and subject to sampling error; for details see source and Appendix III]

Age and race	Total women (1,000)	Percent having a—						Percent performing BSE—		
		Mammogram			Breast physical exam					
		Ever	In the past— 11 months	In the past— 36 months	Ever	In the past— 11 months	In the past— 36 months	At least once a week	Once a month to less than once a week	Less than once a month
Total[1]	**47,676**	**38.1**	**14.8**	**14.3**	**81.3**	**33.2**	**30.4**	**14.5**	**32.8**	**20.0**
40-54 years old	19,597	42.2	16.8	16.1	86.7	39.0	32.3	13.4	37.4	24.5
40-44 years old	7,664	38.8	14.7	15.3	87.3	39.4	32.5	9.7	42.0	27.4
45-49 years old	6,344	43.5	18.1	16.7	86.6	39.1	30.4	15.8	35.2	22.8
50-54 years old	5,588	45.5	18.3	16.6	86.1	38.5	34.3	16.1	33.2	22.3
55-64 years old	11,749	41.1	16.9	13.6	83.1	31.9	32.4	14.8	35.0	18.6
55-59 years old	5,814	43.2	17.6	14.9	85.9	34.5	33.6	14.3	35.5	19.4
60-64 years old	5,935	38.7	16.1	12.1	80.0	28.9	31.1	15.4	34.4	17.7
65-74 years old	9,665	35.2	12.9	14.3	76.8	30.7	26.3	15.7	30.4	17.2
65-69 years old	5,436	37.5	14.7	14.0	79.8	33.3	26.0	15.9	33.6	16.4
70-74 years old	4,229	32.1	10.5	14.7	72.7	27.1	26.9	15.6	26.1	18.3
75 years old and over	6,665	24.8	8.0	9.9	68.2	21.8	26.7	15.3	18.8	13.1
75-79 years old	3,418	30.0	9.6	12.4	73.1	23.6	27.7	13.7	23.0	14.6
80-84 years old	2,008	20.4	[2] 5.1	9.4	65.5	20.1	29.6	18.6	17.7	10.7
85 years old and over	1,239	17.5	[2] 7.9	[2] 3.6	58.8	19.7	19.4	14.5	9.2	12.9
White	**41,877**	**39.2**	**15.3**	**14.8**	**82.8**	**33.6**	**30.9**	**13.5**	**33.5**	**20.9**
40-54 years old	16,757	43.9	17.6	16.8	88.6	39.5	32.9	11.9	38.2	26.1
55-64 years old	10,311	42.2	17.1	14.1	84.8	32.5	33.2	13.7	36.0	19.0
65-74 years old	8,715	36.5	13.4	14.9	78.3	31.0	26.9	15.1	31.3	17.8
75 years old and over	6,094	25.5	8.3	10.3	70.2	22.7	27.3	14.9	19.2	13.8
Black	**4,830**	**31.2**	**12.9**	**10.4**	**73.7**	**33.4**	**25.8**	**21.9**	**30.1**	**14.5**
40-54 years old	2,272	33.7	13.7	11.5	79.6	39.8	27.4	20.5	35.1	16.3
55-64 years old	1,205	36.4	17.9	10.7	78.0	31.2	28.0	23.5	32.3	16.5
65-74 years old	824	24.7	[2] 8.4	[2] 10.0	65.7	30.4	21.7	23.7	21.4	[2] 12.1
75 years old and over	529	17.1	[2] 3.4	[2] 5.2	47.6	[2] 12.7	[2] 19.7	[2] 22.1	[2] 14.5	[2] 4.4

[1] Includes other races, not shown separately. [2] Relative standard error exceeds 30 percent of the estimate.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, No. 172.

No. 197. Personal Health Practices, by Selected Characteristic: 1985

[**In percent.** For persons 18 years of age and over. Based on National Health Interview Survey; see Appendix III]

CHARACTERISTIC	Sleeps 6 hours or less	Never eats breakfast	Snacks every day	Less physically active [1]	Had 5 or more drinks on any day [2]	Current smoker	30 percent or more above weight [3]
All persons [4]	**22.0**	**24.3**	**39.0**	**16.4**	**37.5**	**30.1**	**13.0**
Age: 18–29 years old	19.8	30.4	42.2	17.1	54.4	31.9	7.5
30–44 years old	24.3	30.1	41.4	18.3	39.0	34.5	13.6
45–64 years old	22.7	21.4	37.9	15.3	24.6	31.6	18.1
65 years old and over	20.4	7.5	30.7	13.5	12.2	16.0	13.2
65–74 years old	19.7	9.0	32.4	15.8	(NA)	19.7	14.9
75 years old and over	21.5	5.1	27.8	9.8	(NA)	10.0	10.3
Sex: Male	22.7	25.2	40.7	16.5	49.3	32.6	12.1
Female	21.4	23.6	37.5	16.3	23.3	27.8	13.7
Race: White	21.3	24.5	39.4	16.7	38.3	29.6	12.4
All other	26.6	23.2	36.3	14.3	29.9	33.1	16.4
Black	27.8	23.6	37.2	13.9	29.3	34.9	18.7
Other	21.4	21.5	32.6	16.5	33.3	24.8	6.7
Education level: Less than 12 years	23.3	22.6	37.8	12.3	35.9	35.4	17.5
12 years	21.9	26.5	39.6	16.5	38.9	33.4	13.4
More than 12 years	21.2	23.3	39.2	19.1	36.8	23.1	9.4

NA Not available. [1] Than contemporaries. [2] Percent of drinkers who had 5 or more drinks on any one day in the past year. [3] Above desirable weight. Based on 1960 Metropolitan Life Insurance Company standards. Data are self-reported. [4] Excludes persons whose health practices are unknown.

Source: U.S. National Center for Health, Statistics *Health Promotion and Disease Prevention, United States 1985, Vital and Health Statistics,* series 10, No. 163, and unpublished data.

No. 198. Drug Use, by Type of Drug and Age Group: 1974 and 1988

[Current users are those who used drugs at least once within month prior to this study. For **1988,** based on national samples of 8,814 respondents residing in households. Subject to sampling variability; see source]

TYPE OF DRUG	PERCENT OF PERSONS 12–17 YEARS OLD				PERCENT OF PERSONS 18–25 YEARS OLD				PERCENT OF PERSONS 26 YEARS OLD AND OVER			
	Ever used		Current user		Ever used		Current user		Ever used		Current user	
	1974	**1988**	**1974**	**1988**	**1974**	**1988**	**1974**	**1988**	**1974**	**1988**	**1974**	**1988**
Marihuana	23.0	17.4	12.0	6.4	52.7	56.4	25.2	15.5	9.9	30.7	2.0	3.9
Inhalants	8.5	8.8	.7	2.0	9.2	12.5	(NA)	1.7	1.2	3.9	(NA)	.2
Hallucinogens	6.0	3.5	1.3	.8	16.6	13.8	2.5	1.9	1.3	6.6	(NA)	(NA)
Cocaine	3.6	3.4	1.0	1.1	12.7	19.7	3.1	4.5	.9	9.9	(NA)	.9
Heroin	1.0	.6	(NA)	(NA)	4.5	.4	(NA)	(NA)	.5	1.1	(NA)	(NA)
Analgesics [1]	(NA)	4.2	(NA)	.9	(NA)	9.4	(NA)	1.5	(NA)	4.5	(NA)	.4
Stimulants [1]	5.0	4.2	1.0	1.2	17.0	11.3	3.7	2.4	3.0	6.6	(NA)	.5
Sedatives [1]	5.0	2.4	1.0	.6	15.0	5.5	1.6	.9	2.0	3.3	(NA)	.3
Tranquilizers [1]	3.0	2.0	1.0	.2	10.0	7.8	1.2	1.0	2.0	4.6	(NA)	.6
Alcohol	54.0	50.2	34.0	25.2	81.6	90.3	69.3	65.3	73.2	88.6	54.5	54.8
Cigarettes	52.0	42.3	25.0	11.8	68.8	75.0	48.8	35.2	65.4	79.6	39.1	29.8

NA Not available. [1] Nonmedical use.

Source: U.S. National Institute on Drug Abuse, *National Household Survey on Drug Abuse: 1988.*

No. 199. Alcoholism and Drug Abuse Treatment Facilities and Clients, by Facility Location: 1987

[**As of October 30.** Based on the National Drug and Alcoholism Treatment Unit Survey (NDATUS), a census of all known drug abuse and alcholism treatment facilities in the U.S. Data collected in cooperation with State agencies which defined what constitutes a facility for reporting purposes]

FACILITY LOCATION AND OWNERSHIP	TOTAL			ALCOHOLISM TREATMENT			DRUG ABUSE TREATMENT		
	Units reporting [1 2]	Clients in treatment [2]	Budgeted capacity	Units reporting	Clients in treatment [2]	Budgeted capacity	Units reporting	Clients in treatment [2]	Budgeted capacity
Total [3]	**6,732**	**598,079**	**745,175**	**5,627**	**337,928**	**416,337**	**5,015**	**260,151**	**328,838**
Community mental health center	883	82,823	97,478	785	55,580	62,782	763	27,243	34,696
Hospital [4]	1,224	89,208	118,675	1,147	54,729	70,311	951	34,479	48,364
Correctional facility	79	9,138	12,590	59	2,945	4,404	69	6,193	8,186
Halfway house	724	17,049	22,294	694	12,838	15,747	348	4,211	6,547
Other residential facility	864	45,218	57,903	695	21,628	27,782	640	23,590	30,121
Outpatient facility	2,526	298,264	370,839	1,935	167,531	206,355	1,924	130,733	164,484
Other location	431	56,345	65,353	311	22,653	28,927	319	33,692	36,426

[1] Unduplicated count. [2] Excludes data from 143 units which did not report budgeted capacity. With these data included, total number of clients in treatment was 614,123 (350,613 alcoholism clients and 263,510 drug abuse clients). [3] Excludes one facility not reported by facility location. [4] Includes general hospitals, alcoholism hospitals, mental/psychiatric hospitals, and other specialized hospitals.

Source: U.S. National Institute on Drug Abuse and U.S. National Institute on Alcohol Abuse and Alcoholism, *1987 National Drug and Alcoholism Treatment Unit Survey: Main Findings 1987,* forthcoming.

No. 200. Cigarette Smoking by Age, Sex, Race, and Educational Attainment: 1965 to 1987

[**In percent, except total population in millions.** For persons 20 years old and over. Based on the National Health Interview Survey; see Appendix III]

CHARACTERISTIC	1965	1970	1974	1976	1977	1978	1979	1980	1983	1985	1987
Total 20 years old and over [1]	**109.0**	**120.4**	**123.8**	**125.1**	**123.7**	**137.8**	**139.5**	**143.7**	**158.7**	**160.3**	**162.2**
PRESENT SMOKERS											
Age:											
20 to 24 years old	47.8	41.5	39.6	39.6	38.8	35.3	35.9	36.1	36.9	31.8	29.5
25 to 44 years old	49.5	44.5	44.6	42.5	41.9	39.5	39.3	38.0	36.3	34.8	33.2
45 to 64 years old	39.9	38.5	37.7	37.8	37.3	37.1	35.3	36.3	33.3	31.6	30.9
65 years old and over	17.1	16.2	17.2	17.0	17.4	16.4	16.5	17.3	16.7	16.0	15.2
Sex:											
Male	50.2	44.3	43.4	42.1	40.9	39.0	38.4	38.5	35.5	33.2	31.5
Female	31.9	30.8	31.4	31.3	31.4	29.6	29.2	29.0	28.7	28.0	26.2
Race:											
White	40.0	36.5	36.1	35.6	34.9	33.6	33.2	32.9	31.4	29.9	28.3
Black	43.0	41.4	44.0	41.2	41.8	38.2	36.8	37.2	36.6	36.0	33.5
Educational attainment:											
Less than high school	(NA)	34.8	36.5	35.8	35.8	35.3	34.9	35.5	34.7	35.7	33.9
High school graduate	(NA)	38.3	37.6	37.8	38.4	36.5	35.4	35.7	35.6	34.2	32.9
Some college	(NA)	36.7	36.9	36.4	35.2	32.7	33.3	31.2	30.0	28.1	25.8
College graduate	(NA)	28.1	28.3	27.4	25.6	23.8	23.4	24.6	19.9	18.4	16.1
QUIT RATIO [2]											
Age:											
20 to 24 years old	17.8	20.8	20.9	22.0	22.9	22.8	22.6	22.2	21.4	26.0	23.8
25 to 44 years old	23.6	29.8	29.3	29.4	29.6	31.9	31.8	33.0	34.3	38.2	37.2
45 to 64 years old	30.9	36.1	39.7	40.4	39.5	40.1	42.4	40.9	46.4	49.7	49.2
65 years old and over	48.7	56.9	57.8	59.6	58.7	62.4	61.7	61.0	64.7	68.0	69.2
Sex:											
Male	31.4	37.9	39.3	39.9	40.3	41.3	41.5	41.5	44.1	49.0	46.4
Female	24.6	29.2	30.8	32.1	31.3	33.8	34.0	34.0	37.6	40.0	41.4
Race:											
White	30.5	36.7	38.0	38.4	38.2	39.9	40.3	40.4	43.3	46.7	46.6
Black	22.8	23.2	21.8	26.3	24.8	27.5	28.0	27.7	29.3	31.8	32.0
Educational attainment:											
Less than high school	(NA)	38.1	38.0	39.5	38.3	38.7	40.8	39.4	42.1	41.3	44.3
High school graduate	(NA)	33.6	35.2	35.0	34.0	36.3	36.7	36.5	38.7	40.5	41.1
Some college	(NA)	34.9	36.6	37.2	36.8	41.0	37.5	40.6	41.2	46.0	45.5
College graduate	(NA)	48.2	47.9	46.1	48.6	49.7	50.6	48.7	54.9	61.1	59.1

NA Not available. [1] Includes other races, not shown separately. [2] Percent of persons who have ever smoked who are former smokers.

Source: U.S. Centers for Disease Control, Office of Smoking and Health, *Reducing the Health Consequences of Smoking, 1989.*

No. 201. Cumulative Percent Distribution of Population by Height and Sex: 1976–1980

[For persons 18 to 74 years old. Height was measured without shoes. Based on sample and subject to sampling variability; see source]

HEIGHT	MALES						FEMALES					
	18–24 years	25–34 years	35–44 years	45–54 years	55–64 years	65–74 years	18–24 years	25–34 years	35–44 years	45–54 years	55–64 years	65–74 years
Percent under—												
4'8"	-	-	-	-	-	-	.05	-	.10	.28	.46	1.04
4'9"	-	-	-	-	-	-	.43	.23	.34	.35	1.07	2.27
4'10"	-	-	-	-	-	-	.94	.64	.95	1.22	3.02	4.23
4'11"	-	-	-	-	-	-	2.22	1.65	1.94	4.20	6.43	9.33
5'	.18	.05	.27	-	.27	.24	4.22	3.65	4.56	8.88	11.40	17.20
5'1"	.18	.31	.34	.19	.72	1.22	9.13	8.60	7.75	16.16	19.70	29.00
5'2"	.34	.42	.87	.70	.92	2.66	17.75	19.11	18.24	27.68	31.71	44.34
5'3"	.61	.54	2.07	1.50	2.78	5.97	29.06	32.96	33.11	39.83	45.87	59.15
5'4"	2.37	1.55	3.68	2.55	5.28	10.53	41.81	47.43	49.90	57.21	63.89	76.44
5'5"	3.85	4.36	6.36	5.72	9.29	18.31	58.09	61.36	63.88	70.47	77.44	86.97
5'6"	8.24	9.51	12.39	11.39	17.54	29.42	74.76	74.92	78.07	84.64	88.91	94.63
5'7"	16.18	15.25	17.63	21.24	29.10	41.63	85.37	85.65	87.95	91.21	94.56	97.86
5'8"	26.68	26.69	26.40	33.56	43.53	57.75	92.30	93.28	93.43	96.28	97.70	99.20
5'9"	38.89	39.68	42.52	50.39	58.21	69.96	96.23	97.19	97.18	98.17	99.36	99.81
5'10"	53.66	55.35	57.01	63.38	71.51	81.95	98.34	99.49	99.19	99.58	99.78	99.92
5'11"	68.25	69.67	70.70	76.94	83.09	89.59	99.38	99.68	99.39	99.84	99.81	100.00
6'	80.14	81.58	81.15	85.83	90.99	94.52	-	-	-	-	-	-
6'1"	88.54	89.95	90.04	93.43	96.28	97.82	-	-	-	-	-	-
6'2"	92.74	95.57	95.05	98.01	97.66	99.17	-	-	-	-	-	-
6'3"	96.17	97.98	97.82	99.35	98.90	99.86	-	-	-	-	-	-
6'4"	98.40	99.23	99.19	99.70	99.79	100.00	-	-	-	-	-	-

- Represents or rounds to zero.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics,* series 11, No. 238.

No. 202. Per Capita Consumption of Major Food Commodities: 1970 to 1987

[**In pounds, retail weight except as indicated.** Consumption represents the residual after exports, nonfood use and ending stocks are subtracted from the sum of beginning stocks, domestic production, and imports. Based on Bureau of the Census population estimates. For similar but unrevised data, see *Historical Statistics, Colonial Times to 1970*, series G 881–915]

COMMODITY	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
Red meat, total	162.8	153.9	156.9	154.4	147.0	152.3	151.9	152.8	148.9	144.0
Beef	84.4	88.0	76.4	77.1	76.8	78.2	78.1	78.8	78.4	73.4
Veal	2.5	3.4	1.5	1.6	1.7	1.6	1.8	1.8	1.9	1.5
Lamb and mutton	2.9	1.8	1.4	1.4	1.5	1.5	1.5	1.4	1.4	1.3
Pork (excluding lard)	61.9	50.5	68.1	64.9	58.5	61.9	61.5	62.0	58.6	59.2
Offals, edible	11.2	10.2	9.5	9.4	8.6	9.1	9.1	8.8	8.7	8.6
Fish and shellfish (edible weight) [1]	11.8	12.2	12.8	12.9	12.3	13.1	13.7	14.4	14.7	15.4
Fresh and frozen	6.9	7.5	8.0	7.8	7.7	8.0	8.3	9.0	9.0	10.0
Canned	4.5	4.3	4.5	4.8	4.3	4.8	4.9	5.1	5.4	5.1
Tuna	2.5	2.9	2.9	3.1	2.7	3.1	3.2	3.3	3.6	3.5
Cured	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3
Poultry products:										
Chicken (ready-to-cook)	40.1	39.9	49.8	51.3	52.7	53.4	55.2	57.6	58.7	62.7
Turkey (ready-to-cook)	8.1	8.5	10.5	10.7	10.8	11.2	11.3	12.1	13.3	15.1
Eggs (farm weight) (number)	309	276	271	264	264	260	259	253	250	249
Dairy products:										
Total (milk equivalent)	563.9	539.4	543.4	540.9	555.5	572.4	581.2	592.7	590.6	598.2
Fluid milk and cream [2]	275.1	261.2	246.4	240.6	235.7	236.1	236.0	238.5	237.5	235.7
Plain and flavored whole milk	219.1	181.1	147.0	139.6	134.1	130.8	126.6	122.7	115.4	109.9
Lower fat milk, total	50.0	72.7	91.2	92.9	93.1	95.9	99.1	104.6	110.4	113.6
Low-fat milk (2% and 1% fat)	29.8	53.2	70.2	72.0	72.8	74.2	77.3	81.7	86.6	89.2
Skim milk	11.6	11.5	11.7	11.2	10.6	10.6	11.5	12.5	13.3	14.0
Buttermilk	5.5	4.7	4.1	4.0	4.1	4.3	4.4	4.4	4.2	4.0
Flavored drink	3.0	3.3	5.3	5.6	5.5	6.8	6.0	6.0	6.3	6.3
Cream [3]	3.8	3.3	3.4	3.4	3.5	3.6	4.0	4.3	4.6	4.7
Yogurt	.8	2.0	2.6	2.5	2.6	3.2	3.7	4.0	4.3	4.6
Sour cream and dip	1.1	1.6	1.8	1.8	1.9	2.1	2.2	2.3	2.3	2.4
Condensed and evaporated milk:										
Whole milk	7.0	5.2	3.8	4.0	4.0	3.8	3.7	3.7	3.6	3.8
Skim milk	5.0	3.5	3.3	3.2	3.0	3.2	3.7	3.8	4.3	4.2
Cheese [4]	11.4	14.3	17.5	18.2	19.9	20.5	21.4	22.5	23.0	24.0
American	7.0	8.2	9.6	10.2	11.3	11.6	11.8	12.1	12.1	12.4
Cheddar	5.9	6.0	6.9	7.0	8.7	9.1	9.5	9.7	9.7	10.6
Italian	2.1	3.2	4.4	4.5	4.8	5.3	5.8	6.4	7.0	7.6
Mozzarella	1.2	2.1	3.0	3.0	3.3	3.7	4.0	4.6	5.2	5.6
Other [5]	2.3	2.9	3.4	3.5	3.7	3.7	3.8	3.9	4.0	4.0
Swiss	.9	1.1	1.3	1.3	1.3	1.3	1.2	1.3	1.3	1.2
Cream and Neufchatel	.6	.7	1.0	1.1	1.1	1.2	1.2	1.2	1.3	1.4
Cottage cheese	5.2	4.7	4.5	4.3	4.2	4.1	4.1	4.1	4.1	3.9
Ice cream (product weight)	17.8	18.6	17.5	17.4	17.6	18.0	18.1	18.1	18.4	18.3
Fats and oils:										
Total, fat content only [6]	52.6	52.3	57.2	57.7	58.2	60.0	58.6	64.0	64.1	62.7
Butter (product weight)	5.4	4.7	4.5	4.2	4.3	4.9	4.9	4.9	4.6	4.6
Margarine (product weight)	10.8	11.0	11.3	11.1	11.0	10.4	10.4	10.8	11.4	10.5
Lard (direct use)	4.6	2.9	2.6	2.5	2.5	2.1	2.1	1.8	1.7	1.8
Edible tallow (direct use)	–	–	1.1	1.0	1.3	2.1	1.7	1.9	1.8	1.0
Shortening	17.3	17.0	18.2	18.5	18.6	18.5	21.2	22.8	22.0	21.3
Salad and cooking oils	15.4	17.9	21.2	21.8	21.8	23.5	19.8	23.5	24.1	25.2
Other edible fats and oils	2.3	2.0	1.5	1.7	1.6	1.6	1.7	1.6	1.7	1.3
Grains:										
Wheat flour [7]	110.8	114.5	116.8	115.8	116.7	117.4	118.1	123.3	123.6	128.0
Rice, milled [8]	6.7	7.6	9.4	11.0	11.8	9.7	8.6	9.1	11.6	13.4
Pasta	7.7	9.7	10.0	10.0	9.9	10.5	11.3	12.9	14.4	17.1
Breakfast cereals	10.8	12.0	12.9	13.0	13.1	13.4	14.0	14.4	14.8	15.2
Ready to eat	8.3	9.0	9.8	9.9	10.0	10.2	10.6	11.0	11.3	11.6
Ready to cook	2.4	2.9	3.1	3.1	3.2	3.2	3.4	3.4	3.5	3.6
Sweeteners, total (dry weight) [9]	128.3	124.1	132.7	133.3	132.5	137.5	142.4	148.9	147.2	151.4
Sugar, refined cane and beet [10]	101.8	89.2	83.6	79.3	73.6	70.9	67.3	63.0	60.2	62.2
Corn sweeteners (dry weight)	19.2	27.5	40.2	44.5	48.1	52.1	57.8	66.5	67.1	68.8
High fructose	1.0	7.0	27.0	32.7	37.5	43.2	48.7	60.1	60.9	63.2
Non-caloric sweeteners (sugar sweetness equivalent) [11]	5.8	6.1	7.7	8.2	9.4	13.0	15.8	18.0	18.5	19.0
Saccharin	5.8	6.1	7.7	8.0	8.4	9.5	10.0	6.0	5.5	5.5
Aspartame	–	–	–	.2	1.0	3.5	5.8	12.0	13.0	13.5
Other:										
Cocoa beans	3.9	3.2	3.4	3.6	3.7	4.0	4.3	4.6	4.8	4.9
Coffee (green beans)	13.6	12.2	10.3	10.3	10.2	10.2	10.1	10.2	10.2	10.2
Peanuts (shelled)	5.5	6.0	4.8	5.5	5.9	5.9	6.0	6.3	6.4	6.3
Food consumption index (1982–84 = 100)	98.4	97.1	98.8	98.4	98.1	100.1	101.8	104.0	104.8	105.5

– Represents zero. [1] Excludes consumption from recreational fishing, approximately 3 to 4 pounds per capita. [2] Fluid milk figures are aggregates of commercial sales and milk produced and consumed on farms. [3] Heavy cream, light cream, and half and half. [4] Excludes cottage, pot, and baker's cheese. [5] Includes other cheeses, not shown separately. [6] The fat content of butter and margarine is 80 percent of product weight. [7] White, whole wheat, semolina, and durum flour. [8] For crop year beginning in previous year. [9] Includes edible syrups (maple, molasses, etc.) and honey, not shown separately. [10] Beginning 1982, includes small amount of refined sugar contained in imported blends and mixtures, including sucrose-dextrose blends, sugar-sweetened tea mixes, and flavored syrups in consumer size containers. [11] Assumes saccharin is 300 times as sweet as sugar and aspartame 200 times as sweet as sugar. Includes cyclamate which was banned by U.S. Food and Drug Administration effective in 1970.

Source: U.S. Department of Agriculture, Economic Research Service, *Food Consumption, Prices, and Expenditures, 1986–87*, forthcoming.

No. 203. Fruit and Vegetable Consumption Per Capita: 1970 to 1987

[In pounds. See headnote, table 202]

COMMODITY	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
FRUITS										
Fresh fruits, total (retail weight)	76.9	81.5	86.4	83.1	83.7	88.4	87.8	86.3	93.2	98.6
Noncitrus [1]	49.0	53.2	58.5	59.0	59.8	60.0	64.6	63.7	66.6	71.5
Bananas	17.4	17.6	20.8	21.5	22.5	21.2	22.1	23.4	25.7	24.9
Apples	16.2	18.2	18.3	16.1	17.1	17.6	17.6	16.6	17.3	20.3
Grapes	2.5	2.9	3.3	3.4	4.9	4.9	5.6	6.6	6.9	6.5
Citrus [1] [2]	27.8	28.4	27.9	24.1	23.9	28.3	23.2	22.3	26.6	27.2
Oranges	15.7	15.4	15.4	13.2	12.3	15.6	12.4	12.0	14.1	13.9
Grapefruit	7.9	8.1	7.8	6.7	7.3	7.8	6.1	5.6	5.6	6.5
Canned [3]	14.4	11.8	10.7	10.0	9.7	9.2	8.9	8.4	8.4	8.7
Dried [4]	2.5	2.7	2.2	2.4	2.7	2.8	2.8	2.9	3.0	3.1
Citrus fruit juices [4]	31.7	45.8	44.6	42.1	44.2	48.6	42.0	45.7	48.8	46.5
Frozen (single-strength equivalent)	21.9	35.0	33.8	33.2	36.9	41.6	35.6	40.3	43.1	40.0
Orange	20.7	32.8	31.8	30.1	33.2	38.7	33.4	36.1	39.7	35.8
Canned [5]	5.2	5.2	5.0	4.8	3.9	2.9	2.8	2.2	2.0	2.0
Chilled (single-strength equivalent)	4.6	5.6	5.8	4.1	3.5	4.1	3.6	3.2	3.7	4.4
VEGETABLES [6]										
Selected fresh vegetables (retail weight) [7]	64.0	66.6	72.8	71.5	74.2	74.7	78.8	78.8	79.9	78.6
Lettuce	20.8	21.9	24.9	23.9	23.8	23.8	24.2	23.2	21.6	21.1
Onions	11.6	12.6	12.9	12.3	14.3	14.4	15.1	15.6	15.7	15.3
Tomatoes	10.3	10.2	11.4	11.2	11.4	11.6	13.0	13.7	14.6	14.2
Selected vegetables for processing [8]	92.4	90.8	92.8	88.5	86.8	88.5	95.5	92.1	91.1	91.8
Tomatoes for processing [9]	52.8	52.6	54.1	50.4	51.0	51.7	58.1	53.6	53.9	54.9
Cucumbers for pickling	5.2	5.7	5.1	5.2	5.3	5.3	5.3	5.3	4.8	4.7
Other vegetables for canning [10]	22.0	19.4	19.9	19.3	17.8	17.7	15.8	17.3	17.6	16.2
Vegetables for freezing [11]	12.5	13.1	13.6	13.6	12.7	13.8	16.2	15.8	14.7	16.0
Dry edible beans	6.3	6.5	5.4	5.4	6.5	6.7	5.1	6.9	6.7	7.9
Sweet potatoes (retail weight) [12]	5.0	4.9	4.3	4.1	4.8	4.4	4.3	5.0	4.4	4.1
White potatoes:										
Fresh	59.8	50.5	49.0	43.8	44.8	47.9	46.8	44.7	47.6	42.3
Frozen	12.2	17.5	17.9	19.1	20.0	19.1	20.7	22.0	22.0	22.5
Chips and shoestrings	4.3	3.8	4.1	4.1	4.2	4.4	4.4	4.3	4.4	4.6
Canned	1.2	1.3	1.2	1.1	1.2	1.2	1.1	1.2	1.2	1.1
Dehydrated	1.7	2.1	1.3	1.5	1.4	1.4	1.4	1.6	1.5	1.4

[1] Includes other fruits not shown separately. [2] For crop year beginning in previous year. [3] Excludes apples, applesauce, cranberries, pineapples, and citrus sections. [4] For pack year. [5] Excludes canned concentrate (hot pack) and tangerine juice. [6] Excludes production from home gardens. [7] Includes asparagus, broccoli, carrots, cauliflower, celery, and sweet corn, not shown separately. [8] Fresh equivalent. [9] Used in such processed products as ketchup, canned tomatoes, tomato paste, tomato puree, and tomato juice. [10] Includes asparagus, carrots, green peas, snap beans, and sweet corn. [11] Includes asparagus, broccoli, carrots, cauliflower, green peas, snap beans, and sweet corn. [12] Includes processed sweet potatoes on a fresh-equivalent basis.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Food Consumption, Prices and Expenditures*, annual; and unpublished data.

No. 204. Per Capita Consumption of Beverages, by Type: 1970 to 1987

[See headnote, table 202]

COMMODITY	AMOUNT (gallons)									PERCENT DISTRIBUTION			
	1970	1975	1980	1982	1983	1984	1985	1986	1987	1970	1975	1980	1986
Nonalcoholic [1]	96.1	96.1	94.3	92.2	92.5	91.9	94.7	96.0	(NA)	100.0	100.0	100.0	100.0
Milk	31.2	29.5	27.6	26.4	26.3	26.2	26.4	26.3	25.9	32.5	30.7	29.3	27.4
Whole (plain and flavored)	25.4	21.0	17.1	15.6	15.2	14.7	14.3	13.4	12.8	26.4	21.9	18.1	14.0
Lowfat milk	5.8	8.4	10.6	10.8	11.1	11.5	12.1	12.8	13.2	6.0	8.7	11.2	13.3
Tea	6.8	7.5	7.3	6.9	6.9	7.0	7.1	7.0	7.0	7.1	7.8	7.7	7.3
Coffee	33.4	31.4	26.8	26.7	26.6	26.5	26.7	26.7	26.5	34.8	32.7	28.4	27.8
Soft drinks	20.8	22.2	27.1	26.9	26.9	27.2	29.1	30.3	(NA)	21.6	23.1	28.7	31.6
Juices [1]	3.9	5.5	5.4	5.3	5.8	5.0	5.4	5.8	5.5	4.1	5.7	5.7	6.0
Citrus	3.6	5.2	5.1	5.1	5.6	4.8	5.2	5.6	5.3	3.7	5.4	5.4	5.8
Noncitrus	.3	.3	.3	.2	.2	.2	.2	.2	.2	.3	.3	.3	.2
Alcoholic (adult population)	35.7	39.7	42.8	42.3	41.7	41.1	40.5	40.6	40.1	100.0	100.0	100.0	100.0
Beer	30.6	33.9	36.6	36.2	35.6	35.0	34.5	34.7	34.4	85.7	85.4	85.5	85.5
Wine	2.2	2.7	3.2	3.3	3.3	3.4	3.5	3.5	3.4	6.2	6.8	7.5	8.6
Distilled spirits	3.0	3.1	3.0	2.8	2.7	2.6	2.5	2.4	2.3	8.4	7.8	7.0	5.9

NA Not available. [1] Excludes vegetable juices.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Food Consumption, Prices, and Expenditures*, annual; and unpublished data.

No. 205. Nutrition—Nutrients in Foods Available for Civilian Consumption per Capita per Day and Indexes: 1960 to 1985

[Computed by Human Nutrition Information Service (HNIS), USDA. Based on estimates of per capita food consumption (retail weight) by the Economic Research Service (ERS), on imputed consumption data for foods no longer reported by ERS, and on HNIS estimates of quantities of produce from home gardens. No deduction is made in food supply estimates for loss of food or nutrients in further processing, in marketing, or in the home. Data include iron, thiamin, riboflavin, niacin, vitamin A, vitamin B_6, vitamin B_{12}, and ascorbic acid added by enrichment and fortification. Minus sign (–) indicates decrease. See *Historical Statistics, Colonial Times to 1970*, series G 851–856 for related details]

NUTRIENT	Unit	1960	1970	1980	1982	1983	1984	1985	PERCENT CHANGE 1960–1970	1970–1980	1980–1985
Food energy	Calories	3,100	3,300	3,400	3,400	3,400	3,400	3,500	6.4	3.0	2.9
Protein	Grams	96	99	99	100	101	102	104	3.1	-	5.0
Total fat [1]	Grams	143	155	158	159	162	162	169	8.4	1.9	7.0
Saturated	Grams	60	59	58	58	59	60	57	–1.7	5.2	
Monounsaturated	Grams	58	64	63	63	65	65	68	10.3	–1.6	7.9
Polyunsaturated	Grams	20	27	31	31	32	30	33	35.0	14.8	6.5
Cholesterol	Milligrams	560	540	500	490	500	500	500	–3.6	–7.4	-
Carbohydrate	Grams	377	380	392	398	397	401	413	.8	3.2	5.4
Vitamin A	Int'l. units	7,100	8,000	9,100	9,100	9,300	9,600	9,700	12.7	13.8	6.6
Vitamin A	Retinol equivalents	1,290	1,450	1,540	1,540	1,560	1,590	1,610	12.4	6.2	4.5
Carotenes	Retinol equivalents	420	470	590	600	610	640	660	11.9	25.5	11.9
Vitamin E	Milligram α-TE [2]	11.6	13.5	14.5	15.0	15.3	14.9	16.1	16.4	7.4	11.0
Ascorbic acid	Milligrams	100	103	110	110	115	111	115	3.0	6.8	4.5
Thiamin	Milligrams	1.9	2.0	2.2	2.2	2.2	2.2	2.2	5.3	10.0	-
Riboflavin	Milligrams	2.2	2.2	2.3	2.3	2.3	2.4	2.4	-	4.5	4.3
Niacin	Milligrams	21	23	24	25	25	25	26	9.5	4.3	8.3
Vitamin B_6	Milligrams	1.9	2.0	2.0	2.1	2.1	2.1	2.1	5.3	-	5.0
Folacin	Micrograms	288	280	280	293	296	296	299	–2.8	-	6.8
Vitamin B_{12}	Micrograms	9.8	10.8	10.0	9.8	10.0	10.2	10.1	10.2	–7.4	1.0
Calcium	Grams	.92	.87	.87	.89	.90	.92	.91	–5.4	-	4.6
Phosphorus	Grams	1.49	1.49	1.47	1.49	1.51	1.53	1.54	-	–1.3	4.8
Magnesium	Milligrams	320	310	310	320	320	320	330	–3.1	-	6.5
Iron	Milligrams	14.2	14.9	14.9	15.2	16.6	16.8	17.0	4.9	-	14.1
Zinc	Milligrams	12.1	12.7	12.4	12.6	12.7	12.8	13.0	5.0	–2.4	4.8
Copper	Milligrams	1.6	1.6	1.6	1.6	1.6	1.6	1.7	-	-	6.2
Potassium	Milligrams	3,540	3,410	3,300	3,350	3,400	3,420	3,460	–3.7	–3.2	4.8
INDEXES (1967 = 100)											
Food energy	Percent	97	103	106	106	106	106	109	6.2	2.9	2.8
Protein	Percent	98	101	101	102	103	104	106	3.1	-	5.0
Fat	Percent	95	103	105	105	107	107	112	8.4	1.9	6.7
Carbohydrate	Percent	100	101	104	106	106	107	110	1.0	3.0	5.8

- Represents zero. [1] Includes other types of fat, not shown separately. [2] Alpha-Tocopherol equivalents.

Source: U.S. Dept. of Agriculture, Human Nutrition Information Service. Data published by Economic Research Service in *Food Consumption, Prices, and Expenditures*, annual; and *National Food Review*, quarterly.

No. 206. Persons Using Vitamin–Mineral Products, by Selected Characteristic: 1986

[Based on the National Health Interview Survey and subject to sampling error; for details, see Appendix III and source]

CHARACTERISTIC	PERSONS (1,000)					PERCENT USING VITAMIN–MINERAL PRODUCTS				
	Adults 18 years old and over				Children 2–6 yrs. old	Adults 18 years old and over				Children 2–6 yrs. old
	Total	18–44	45–64	65 and over		Total	18–44	45–64	65 and over	
Total [1]	**169,587**	**97,541**	**44,660**	**27,386**	**18,162**	**36.4**	**34.4**	**39.8**	**38.2**	**43.3**
Sex: Male	81,804	49,225	21,289	11,290	9,252	31.2	30.2	32.7	32.2	44.4
Female	87,783	48,316	23,371	16,096	8,910	41.3	38.6	46.2	42.4	42.2
Race/ethnicity:										
White	145,842	82,172	39,064	24,607	14,805	38.5	36.2	42.2	40.1	46.3
Black	18,583	11,821	4,477	2,286	2,711	21.5	22.7	22.2	14.2	30.3
Other	5,162	3,549	1,120	493	646	32.0	31.1	26.3	52.3	30.7
Hispanic origin [2]	10,495	7,456	2,282	758	2,014	28.7	26.7	31.5	40.6	37.6
Mexican	5,309	3,969	1,029	312	1,207	23.5	22.8	24.8	(B)	36.9
Puerto Rican	1,140	729	343	(B)	(B)	28.0	(B)	(B)	(B)	(B)
Cuban	927	516	292	(B)	(B)	21.9	(B)	(B)	(B)	(B)
Years of school completed: [3]										
Less than 12 years	41,599	15,785	12,356	13,459	2,680	25.5	20.3	26.3	30.7	26.9
12 years	64,954	38,599	18,388	7,967	6,572	36.0	31.2	42.1	45.3	40.1
13 years or more	62,013	42,764	13,690	5,558	8,865	44.3	42.6	49.3	47.3	51.0
Family income:										
Less than $7,000	14,889	8,135	2,676	4,077	1,928	27.3	26.6	27.8	30.2	22.8
$7,000 to $14,999	24,752	12,257	5,176	7,318	2,674	32.5	30.6	30.4	37.0	38.6
$15,000 to $24,999	33,138	19,272	8,250	5,615	3,691	34.8	32.2	35.1	43.1	44.2
$25,000 to $39,999	41,161	26,819	10,874	3,467	4,847	38.8	36.6	43.2	42.6	51.2
$40,000 or more	33,806	20,737	11,151	1,918	3,200	44.8	41.7	50.6	44.3	50.3

B Base figure too small to meet statistical standards of a reliable figure. [1] Includes persons with education and income unknown. [2] Includes persons of other Hispanic origin. Persons of Hispanic origin may be of any race. [3] For children, education of responsible adult.

Source: U.S. National Center for Health Statistics, *Advance Data from Vital and Health Statistics*, No. 174.

1990

Section 4

Education

This section presents data primarily concerning formal education as a whole, at various levels, and for public and private schools. Data shown relate to the school-age population and school enrollment, educational attainment, education personnel, and financial aspects of education. In addition, data are shown for libraries, computer usage in schools, and adult education. The chief sources are the decennial census of population and the Current Population Survey (CPS), both conducted by the Bureau of the Census (see text, section 1); annual, biennial, and other periodic surveys conducted by the National Center for Education Statistics, a part of the U.S. Department of Education; and surveys conducted by the National Education Association.

The censuses of population have included data on school enrollment since 1840 and on educational attainment since 1940. The CPS has reported on school enrollment annually since 1945 and on educational attainment periodically since 1947.

The National Center for Education Statistics is continuing the pattern of statistical studies and surveys conducted by the U.S. Office of Education since 1870. The annual *Digest of Education Statistics* provides summary data on pupils, staff, finances, including government expenditures, and organization at the elementary, secondary, and higher education levels. It is also a primary source for detailed information on Federal funds for education, projections of enrollment, graduates, and teachers. *The Condition of Education,* issued annually, presents a summary of information on education of particular interest to policymakers.

Other sources of data include special studies by the National Center for Education Statistics, and annual or biennial reports of education agencies in individual States. The census of governments, conducted by the Bureau of the Census every 5 years (for the years ending in "2" and "7"), provides data on school district finances and State and local government expenditures for education. Reports published by the Bureau of Labor Statistics contain data relating civilian labor force experience to educational attainment (see also tables 627, 632, 648, 649, and 654 in section 13).

Types and sources of data.—The statistics in this section are of two general types. One type, exemplified by data from the Bureau of the Census, is based on direct interviews with individuals to obtain information about their own and their family members' education. Data of this type relate to school enrollment and level of education attained, classified by age, sex, and other characteristics of the population. The school enrollment statistics reflect attendance or enrollment in any regular school within a given period; educational attainment statistics reflect the highest grade completed by an individual.

For enrollment data starting in October 1981, the CPS used 1980 census population controls; for years 1971 through 1980, 1970 census population controls had been used. This change had little impact on summary measures (e.g., medians) and proportional measures (e.g., enrollment rates); however, use of the controls may have significant impact on absolute numbers. Where appropriate for comparability purposes, 1981 data have been provided in two ways—once based on 1970 controls, and once based on 1980 controls; see table 213.

Beginning with data for 1986, a new edit and tabulation package has been introduced. The data produced increased the estimates of high school enrollment for 1986 by 200,000 and college enrollment by 300,000. See table 213 which presents both earlier and revised estimates. In other enrollment tables, revised estimates are shown.

The second type, generally exemplified by data from the National Center for Education Statistics and the National Education Association, is based on reports from administrators of educational institutions and of State and local agencies having jurisdiction over education. Data of this type relate to enrollment, attendance, staff, and finances for the Nation, individual States, and local areas.

Unlike the National Center for Education Statistics, the Census Bureau does not regularly include specialized vocational, trade, business, or correspondence schools in its surveys. The National Center for Education Statistics includes nursery schools and kindergartens that are part of regular grade schools in their enrollment figures. The Census Bureau includes all nursery schools and kindergartens. At the higher education level, the statistics of both agencies are concerned with institutions granting degrees or offering work acceptable for degree-credit, such as junior colleges.

School attendance.—All States require that children attend school. While State laws vary as to the ages and circumstances of compulsory attendance, generally they require that formal schooling begin by age 6 and continue to age 16.

Schools.—The National Center for Education Statistics defines a *school* as "a division of the school system consisting of students composing one or more grade groups or other identifiable groups, organized as one unit with one or more teachers to give instruction of a defined type, and housed in a school plant of one or more buildings. More than one school may be housed in one school plant, as is the case when the elementary and secondary programs are housed in the same school plant."

Regular schools are those which advance a person toward a diploma or degree. They include public and private nursery schools, kindergartens, graded schools, colleges, universities, and professional schools. *Public* schools are schools controlled and supported by local, State, or Federal governmental agencies; *private* schools are those controlled and supported mainly by religious organizations or by private persons or organizations.

The Bureau of the Census defines *elementary* schools as including grades 1 through 8; *high* schools as including grades 9 through 12; and *colleges* as including junior or community colleges, regular 4-year colleges, and universities and graduate or professional schools. Statistics reported by the National Center for Education Statistics and the National Education Association by type of organization, such as elementary level and secondary level, may not be strictly comparable with those from the Bureau of the Census because the grades included at the two levels vary, depending on the level assigned to the middle or junior high school by the local school systems.

School year.—Except as otherwise indicated in the tables, data refer to the school year which, for elementary and secondary schools, generally begins in September of the preceding year and ends in June of the year stated. For the most part, statistics concerning school finances are for a 12-month period, usually July 1 to June 30. Enrollment data generally refer to a specific point in time, such as fall, as indicated in the tables.

Statistical reliability.—For a discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability applicable to Census Bureau and the National Center for Education Statistics data, see Appendix III.

Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix IV.

No. 207. School Enrollment, 1955 to 1988, With Projections to 1995, and Number of Schools, 1955 to 1987

[**In thousands.** Enrollment as of fall; number of schools for school year ending the following year. See *Historical Statistics, Colonial Times to 1970,* series H421-429]

Item and year	Total		Elementary[1]		Secondary		College	
	Public	Private	Public	Private	Public	Private	Public	Private
Enrollment:[2]								
1955	32,164	5,777	22,159	3,800	8,521	800	[3]1,484	[3]1,177
1965	46,144	8,251	26,670	4,900	15,504	1,400	3,970	1,951
1970	52,337	7,516	27,50[illegible]	4,052	18,408	1,31[illegible]	6,428	2,153
1971	52,890	7,344	27,688	3,900	18,398	1,300	6,804	2,144
1972	52,815	7,144	27,323	3,700	18,421	1,300	7,071	2,144
1973	52,850	7,183	26,435	3,700	18,995	1,300	7,420	2,183
1974	53,042	7,235	26,382	3,700	18,671	1,300	7,989	2,235
1975	53,626	7,350	25,640	3,700	19,151	1,300	8,835	2,350
1976	52,970	7,526	25,430	3,825	18,887	1,342	8,653	2,359
1977	52,424	7,577	24,954	3,797	18,623	1,343	8,847	2,437
1978	51,335	7,560	25,017	3,732	17,534	1,353	8,784	2,475
1979	50,682	7,533	24,543	3,700	17,102	1,300	9,037	2,533
1980	50,444	7,971	24,156	3,992	16,831	1,339	9,457	2,640
1981	49,746	8,224	23,819	4,100	16,280	1,400	9,647	2,724
1982	49,348	8,330	23,875	4,200	15,777	1,400	9,696	2,730
1983	49,035	8,497	24,010	4,315	15,342	1,400	9,683	2,782
1984	48,772	8,465	24,147	4,300	15,146	1,400	9,477	2,765
1985	48,988	8,325	24,290	4,195	15,219	1,362	9,479	2,768
1986	49,553	8,242	24,201	4,116	15,636	1,336	9,715	2,790
1987[4]	49,999	8,140	24,315	4,118	15,709	1,229	9,975	2,793
1988[4]	50,241	8,046	25,206	4,036	14,990	1,206	10,045	2,804
1990, proj	51,063	8,262	26,027	4,176	14,745	1,164	10,291	2,922
1995, proj	53,543	8,515	27,022	4,372	16,431	1,298	10,090	2,845
Schools:[5]								
1955	(x)	(x)	104.4	12.4	26.0	3.9	.7	1.2
1965	(x)	(x)	73.2	15.3	26.6	4.6	.8	1.4
1970	(x)	(x)	65.8	14.4	25.4	3.8	1.1	1.5
1976	(x)	(x)	62.6	16.4	25.4	5.9	[6]1.5	[6]1.6
1978	(x)	(x)	62.0	16.1	24.5	5.8	[6]1.5	[6]1.7
1980	(x)	(x)	61.1	16.8	24.4	5.7	[6]1.5	[6]1.7
1984	(x)	(x)	58.8	(NA)	23.9	(NA)	[6]1.5	[6]1.8
1986	(x)	(x)	60.8	(NA)	23.4	(NA)	[6]1.5	[6]1.9
1987	(x)	(x)	61.5	(NA)	22.9	(NA)	[6]1.5	[6]1.9

NA Not available. X Not applicable. [1]Enrollment includes kindergarten. [2]For regular schools. [3]Degree-credit enrollment only. [4]Elementary and secondary data are estimates; higher education data are preliminary. [5]Excludes schools not reported by level, such as special education. Schools with both elementary and secondary programs are included under elementary and also secondary. [6]Branch campuses counted separately.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual; and *Projections of Education Statistics,* annual.

No. 208. School Expenditures, by Type of Control and Level of Instruction: 1960 to 1989

[**In millions of dollars. For school years ending in year shown.** Due to conceptual and methodological differences, these data may not agree with data in table 209. See also Appendix III. See *Historical Statistics, Colonial Times to 1970,* series H 494, 499, and 500 for related but not comparable data, and H 513–519 for private schools]

YEAR	Total	ELEMENTARY AND SECONDARY SCHOOLS			COLLEGES AND UNIVERSITIES		
		Total	Public	Private [1]	Total	Public	Private
1960	23,860	16,713	15,613	1,100	7,147	3,904	3,244
1970	68,459	43,183	40,683	2,500	25,276	16,234	9,041
1975	108,664	68,846	64,846	4,000	39,818	26,966	12,852
1976	118,706	75,101	70,601	4,500	43,605	29,736	13,869
1977	126,417	79,194	74,194	5,000	47,223	31,997	15,226
1978	137,042	86,544	80,844	5,700	50,498	34,031	16,467
1979	148,308	93,012	86,712	6,300	55,296	37,110	18,187
1980	165,627	103,162	95,962	7,200	62,465	41,434	21,031
1981	182,849	112,325	104,125	8,200	70,524	46,559	23,965
1982	197,801	120,486	111,186	9,300	77,315	50,813	26,502
1983	212,081	128,725	118,425	10,300	83,356	54,338	29,018
1984	228,597	139,000	127,500	11,500	89,597	58,124	31,473
1985	247,657	149,400	137,000	12,400	98,257	63,704	34,553
1986	269,485	161,800	148,600	13,200	107,685	70,069	37,616
1987, prel.	290,900	175,100	160,900	14,200	115,800	75,000	40,800
1988 [1]	310,700	187,100	172,000	15,100	123,700	80,600	43,100
1989 [1]	330,500	199,100	183,400	15,700	131,400	85,500	45,800

[1] Estimated.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual.

No. 209. School Expenditures, by Source of Funds: 1970 to 1986

[**For school years ending in year shown.** Includes nursery, kindergarten, and special programs when provided by school system. All nonpublic school data and all data beginning 1980 are estimates. Due to revised methodology, data for 1970 and 1975 are not comparable to later years]

SOURCE OF FUNDS AND TYPE OF SCHOOL	TOTAL (bil. dol.)								PERCENT			
	1970	1975	1980	1982	1983	1984	1985	1986, prel.	1970	1980	1985	1986, prel.
Total	**70.4**	**111.1**	**165.6**	**197.8**	**212.1**	**228.6**	**247.7**	**269.5**	**100.0**	**100.0**	**100.0**	**100.0**
Federal	7.5	12.1	18.9	18.5	18.7	19.7	21.3	23.5	10.7	11.4	8.6	8.7
State	22.2	38.7	64.3	76.3	81.3	87.0	96.1	105.4	31.5	38.8	38.8	39.1
Local	22.6	33.2	43.3	51.9	55.4	60.1	63.3	67.8	32.1	26.1	25.6	25.1
All other	18.1	27.1	39.1	51.1	56.6	61.8	66.9	72.8	25.7	23.6	27.0	27.0
Public	56.8	91.3	137.4	162.0	172.8	185.6	200.7	218.7	80.7	83.0	81.0	81.2
Federal	5.8	9.8	14.8	14.0	14.2	14.8	15.8	17.3	8.2	8.9	6.4	6.4
State	22.1	38.4	63.9	75.8	80.8	86.4	95.5	104.7	31.4	38.6	38.6	38.8
Local	22.5	33.1	43.1	51.7	55.2	59.9	63.1	67.5	32.0	26.0	25.5	25.0
All other	6.4	10.0	15.6	20.5	22.6	24.6	26.3	29.1	9.1	9.4	10.6	10.8
Private	13.6	19.8	28.2	35.8	39.3	43.0	47.0	50.8	19.3	17.0	19.0	18.8
Federal	1.7	2.3	4.1	4.5	4.6	4.9	5.5	6.2	2.4	2.5	2.2	2.3
State and local	.2	.4	.6	.7	.7	.8	.9	.9	.2	.4	.4	.3
All other	11.7	17.1	23.5	30.7	34.0	37.2	40.6	43.6	16.6	14.2	16.4	16.2
Elementary and secondary	**45.7**	**72.2**	**103.2**	**120.5**	**128.7**	**139.0**	**149.4**	**161.8**	**100.0**	**100.0**	**100.0**	**100.0**
Federal	3.4	6.0	9.4	8.2	8.4	8.7	9.1	9.9	7.4	9.1	6.1	6.1
State	15.8	27.2	44.7	52.8	56.5	60.7	66.8	73.2	34.6	43.3	44.7	45.2
Local	21.7	31.7	41.6	49.8	53.2	57.8	60.8	65.0	47.5	40.3	40.7	40.2
All other	4.8	7.3	7.5	9.6	10.7	11.9	12.8	13.6	10.5	7.3	8.6	8.4
Public	41.0	65.0	96.0	111.2	118.4	127.5	137.0	148.6	89.7	93.0	91.7	91.8
Federal	3.4	6.0	9.4	8.2	8.4	8.7	9.1	9.9	7.4	9.1	6.1	6.1
State	15.8	27.2	44.7	52.8	56.5	60.7	66.8	73.2	34.6	43.3	44.7	45.2
Local	21.7	31.7	41.6	49.8	53.2	57.8	60.8	65.0	47.5	40.3	40.7	40.2
All other	.1	.1	.3	.3	.4	.4	.4	.4	.2	.3	.3	.2
Private	4.7	7.2	7.2	9.3	10.3	11.5	12.4	13.2	10.3	7.0	8.3	8.2
Institutions of higher education	**24.7**	**38.9**	**62.5**	**77.3**	**83.4**	**89.6**	**98.3**	**107.7**	**100.0**	**100.0**	**100.0**	**100.0**
Federal	4.1	6.1	9.5	10.3	10.3	11.0	12.2	13.6	16.6	15.2	12.4	12.6
State	6.4	11.5	19.6	23.5	24.9	26.3	29.4	32.2	25.9	31.4	29.9	29.9
Local	.9	1.5	1.7	2.1	2.2	2.3	2.5	2.7	3.6	2.7	2.6	2.5
All other	13.3	19.8	31.6	41.5	46.0	49.9	54.1	59.1	53.9	50.6	55.1	54.9
Public	15.8	26.3	41.4	50.8	54.3	58.1	63.7	70.1	64.0	66.2	64.8	65.1
Federal	2.4	3.8	5.4	5.8	5.8	6.1	6.7	7.4	9.7	8.6	6.8	6.9
State	6.3	11.2	19.2	23.0	24.3	25.7	28.7	31.5	25.5	30.7	29.2	29.2
Local	.8	1.4	1.5	1.9	2.0	2.1	2.3	2.5	3.2	2.4	2.3	2.3
All other	6.3	9.9	15.3	20.2	22.3	24.2	25.9	28.7	25.5	24.5	26.3	26.6
Private	8.9	12.6	21.0	26.5	29.0	31.5	34.6	37.6	36.0	33.6	35.2	34.9
Federal	1.7	2.3	4.1	4.5	4.6	4.9	5.5	6.2	6.9	6.6	5.6	5.8
State and local	.2	.4	.6	.7	.7	.8	.9	.9	.8	1.0	.9	.8
All other	7.0	9.9	16.3	21.4	23.7	25.7	28.2	30.4	28.3	26.1	28.7	28.2

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual.

No. 210. Federal Funds for Education and Related Programs, by Level of Education or Activity, Agency, and Program: 1980 to 1989

[In millions of dollars, except percent. For fiscal years ending in June. To the extent possible, amounts represent outlays]

Level, agency, and program	1980	1985	1987	1988	1989 [1]
Total, all programs	**34,317.1**	**38,809.4**	**40,969.0**	**43,080.6**	**46,709.9**
Percent of Federal budget outlays	5.8	4.1	4.1	4.0	4.1
Elementary/secondary education programs	**16,027.7**	**16,900.8**	**17,533.3**	**18,604.6**	**19,843.1**
Department of Education [2]	6,629.1	7,296.7	7,554.5	8,098.4	8,853.5
Grants for the disadvantaged	3,204.7	4,206.8	3,209.9	4,027.6	4,226.4
Special programs	788.9	526.4	889.5	443.5	982.8
Education for the handicapped	821.8	1,016.0	1,339.2	1,466.0	1,871.7
Vocational and adult education	860.7	658.3	1,230.5	1,275.8	828.0
Department of Agriculture [2]	4,064.5	4,134.9	4,562.1	4,806.8	5,171.6
Child nutrition programs	3,377.1	3,664.6	4,044.8	4,286.2	4,628.7
Agricultural Marketing Service—commodities [3]	388.0	336.5	350.1	349.7	350.9
Special milk program	159.3	16.0	15.4	18.3	20.0
Department of Defense [2]	370.8	831.6	861.4	988.3	1,063.8
Overseas dependents schools	338.8	613.4	664.9	773.8	835.8
Section VI schools [4]	-	162.6	139.0	169.2	180.8
Department of Energy	77.6	23.0	12.1	12.9	13.1
Energy conservation for school buildings	77.2	22.7	11.8	12.6	12.7
Department of Health and Human Services	1,077.0	1,531.1	1,555.5	1,651.3	1,675.0
Head Start	735.0	1,075.1	1,130.5	1,206.3	1,235.0
Social security student benefits	342.0	456.0	425.0	445.0	440.0
Department of the Interior [2]	318.2	389.8	344.2	379.6	409.0
Mineral Leasing Act and other funds	111.6	186.4	123.9	127.1	147.3
Indian Education	206.2	202.9	218.8	251.9	261.1
Department of Labor [2]	1,649.8	1,945.3	2,258.2	2,309.3	2,318.3
Job Corps	469.8	604.7	678.6	689.0	698.0
Training programs	1,380.0	1,340.5	1,579.6	1,620.3	1,620.3
Department of the Treasury: General Revenue Sharing	935.9	273.7	-	-	-
Department of Veterans Affairs [2]	545.8	344.8	235.3	196.2	174.7
Noncollegiate and job training programs	440.0	224.0	119.7	76.4	61.1
Vocational rehabilitation for disabled veterans	88.0	107.5	105.9	112.1	107.0
Other programs and agencies	159.0	129.9	150.0	161.7	164.0
Higher education programs	**10,939.5**	**10,956.5**	**10,077.7**	**10,419.1**	**11,904.2**
Department of Education [2]	5,682.2	8,202.5	7,438.7	8,247.1	9,622.9
Student financial assistance	3,682.8	4,162.7	4,779.8	5,219.9	5,792.0
Guaranteed student loans	1,408.0	3,534.8	2,548.2	2,779.3	2,938.3
Department of Agriculture	10.5	17.7	16.9	27.8	27.8
Department of Defense	545.0	1,041.7	1,079.8	573.4	607.8
Tuition assistance for military personnel	(NA)	77.1	111.4	134.5	144.4
Service academies [5]	106.1	196.4	223.7	109.1	114.5
Senior ROTC	(NA)	354.0	382.4	179.2	197.2
Professional development education	(NA)	414.2	362.3	150.6	151.7
Department of Energy [2]	57.7	19.5	19.2	22.6	24.0
University laboratory cooperative program	2.8	6.5	9.9	13.6	15.4
Energy conservation for buildings—higher education	53.5	12.7	8.5	7.7	7.1
Higher education programs—Continued					
Department of Health and Human Services [2]	2,235.7	298.2	283.6	271.5	280.3
Health professions training programs	460.7	212.2	202.7	210.4	211.0
National Health Service Corps scholarships	70.7	2.3	2.3	4.1	7.9
National Institute of Occupational Safety and Health training grants	12.9	8.8	9.9	9.7	10.1
Alcohol, drug abuse, and mental health training programs	122.1	43.6	61.1	40.7	44.9
Social security postsecondary students' benefits	1,559.0	25.0	-	-	-
Department of the Interior	80.2	125.2	108.4	113.7	118.0
Shared revenues, Mineral Leasing Act and other receipts	35.4	72.0	49.4	52.1	59.0
Indian programs	44.8	53.3	59.0	61.5	59.0
Department of Transportation	12.5	55.6	47.2	45.0	64.8
Department of the Treasury: General revenue sharing	296.8	-	-	-	-
Department of Veterans Affairs	1,803.8	944.1	764.6	768.1	750.4
Vietnam-era veterans	1,580.0	694.2	412.0	345.2	253.3
Post-Vietnam veterans	.9	82.6	171.8	203.3	210.3
All-volunteer-force educational assistance	-	.2	45.7	73.7	151.1
Other agencies and programs [2]	215.1	252.0	319.4	349.9	408.2
National Endowment for the Humanities	56.5	49.1	48.7	47.6	53.3
National Science Foundation	64.6	60.1	85.5	97.5	135.4
United States Information Agency	51.1	124.0	162.9	166.7	180.3
Other education programs	**1,548.7**	**2,107.6**	**2,819.4**	**2,980.2**	**3,179.3**
Department of Education [2]	747.7	1,173.1	1,825.8	1,939.0	2,077.0
Administration	187.3	284.9	285.3	295.6	328.2
Libraries	129.1	85.7	129.1	101.2	121.3
Rehabilitative services and handicapped research	426.9	798.3	1,405.4	1,536.9	1,618.2
Department of Agriculture	271.1	336.4	330.9	342.5	347.1
Department of Health and Human Services	37.8	47.2	59.8	62.1	72.4
Department of Justice	27.6	25.5	26.3	26.4	26.3
Department of State	25.0	23.8	23.9	33.3	34.7
Department of Transportation	10.2	3.8	1.9	1.7	1.4
Department of the Treasury	14.6	16.2	19.1	32.8	45.5
Other agencies and programs [2]	414.7	481.7	531.9	542.4	574.8
Agency for International Development	99.7	141.8	186.2	193.1	175.7
Library of Congress	151.9	169.3	160.8	160.5	189.1
National Endowment for the Arts	.2	1.1	1.3	1.2	1.1
National Endowment for the Humanities	85.8	76.3	75.4	76.8	82.9
Research programs at universities and related institutions [3]	**5,801.2**	**8,844.6**	**10,538.6**	**11,076.7**	**11,783.4**
Department of Agriculture	216.4	293.3	279.9	305.3	264.8
Department of Defense	844.5	1,245.9	1,754.5	1,805.1	2,005.9
Department of Energy	1,470.2	2,205.3	2,225.5	2,332.5	2,406.2
Department of Health and Human Services	2,087.1	3,228.0	3,983.4	4,246.7	4,397.0
National Aeronautics and Space Administration	254.6	485.8	785.1	879.8	927.9
National Science Foundation	743.8	1,087.0	1,184.9	1,213.2	1,481.0

- Represents zero. NA Not available. [1] Estimated. [2] Includes other programs or agencies, not shown separately. [3] Purchased under Section 32 of the Act of August 1935 for use in child nutrition programs. [4] Includes stateside schools on military installation for free education of dependents. [5] Institutional costs only.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, 1989.

No. 211. Enrollment in Public and Private Schools, by Control and Level, 1970 to 1988, and Projections, 1990 and 1995

[**In thousands.** As of **fall.** Data are for regular day schools and exclude independent nursery schools and kindergartens, residential schools for exceptional children, subcollegiate departments of colleges, Federal schools for Indians, and federally operated schools on Federal installations. College data include degree-credit and nondegree-credit enrollment]

CONTROL OF SCHOOL AND LEVEL	1970	1980	1981	1982	1983	1984	1985	1986	1987	1988, est.	1990, proj.	1995, proj.
Total	**59,853**	**58,415**	**57,971**	**57,878**	**57,532**	**57,237**	**57,313**	**57,794**	**58,140**	**58,286**	**59,325**	**62,058**
Public	52,337	50,444	49,747	49,348	49,035	48,772	48,988	49,553	49,999	50,241	51,063	53,543
Private	7,516	7,971	8,224	8,330	8,497	8,465	8,325	8,242	8,140	8,046	8,262	8,515
Kindergarten through 8	36,629	31,666	31,345	31,356	31,312	31,218	31,244	31,520	32,004	32,426	33,549	35,123
Public	32,577	27,674	27,245	27,156	26,997	26,918	27,049	27,404	27,886	28,390	29,373	30,751
Private	4,052	3,992	4,100	4,200	4,315	4,300	4,195	4,116	4,118	4,036	4,176	4,372
Grades 9 through 12	14,643	14,652	14,255	13,896	13,755	13,775	13,822	13,770	13,367	13,012	12,563	14,000
Public	13,332	13,313	12,855	12,496	12,355	12,375	12,460	12,434	12,138	11,806	11,399	12,702
Private	1,311	1,339	1,400	1,400	1,400	1,400	1,362	1,336	1,229	1,206	1,164	1,298
College	8,581	12,097	12,372	12,426	12,465	12,242	12,247	12,505	12,768	12,849	13,213	12,935
Public	6,428	9,457	9,647	9,696	9,683	9,477	9,479	9,715	9,975	10,045	10,291	10,090
Private	2,153	2,640	2,724	2,730	2,782	2,765	2,768	2,790	2,793	2,804	2,922	2,845

NA Not available.

Source: U.S. National Center for Education Statistics, *Projections of Education Statistics*, annual, *Digest of Education Statistics*, annual; and unpublished data.

No. 212. Enrollment in Public and Private Schools: 1960 to 1988

[**In millions, except percent. As of October.** For civilian noninstitutional population. For 1960, 5 to 34 years old; for 1970 to 1985, 3 to 34 years old; beginning 1986, for 3 years old and over]

YEAR	PUBLIC						PRIVATE					
	Total	Nursery	Kindergarten	Elementary	High school	College	Total	Nursery	Kindergarten	Elementary	High school	College
1960	39.0	(NA)	27.5		9.2	2.3	7.2	(NA)	4.9		1.0	1.3
1970	52.2	.3	2.6	30.0	13.5	5.7	8.1	.8	.5	3.9	1.2	1.7
1980	(NA)	.6	2.7	24.4	(NA)	(NA)	(NA)	1.4	.5	3.1	(NA)	(NA)
1983	48.7	.8	2.7	24.2	12.8	8.2	9.0	1.5	.7	3.0	1.2	2.6
1984	49.0	.8	3.0	24.1	12.7	8.5	8.3	1.6	.5	2.7	1.1	2.4
1985	49.0	.9	3.2	23.8	12.8	8.4	9.0	1.6	.6	3.1	1.2	2.5
1986 [1]	51.2	.8	3.4	24.2	13.0	9.8	9.4	1.7	.6	3.0	1.2	2.9
1987 [1]	51.7	.8	3.4	24.8	12.7	10.0	8.9	1.7	.6	2.8	1.1	2.8
1988 [1]	52.2	.9	3.4	25.5	12.2	10.3	8.9	1.8	.5	2.8	1.0	2.8
Percent White:												
1960	85.7	(NA)	84.3		88.2	92.2	95.7	(NA)	95.3		96.7	96.3
1970	84.5	59.5	84.4	83.1	85.6	90.7	93.4	91.1	88.2	94.1	96.1	92.8
1980	(NA)	68.2	80.7	80.9	(NA)	(NA)	(NA)	89.0	87.0	90.7	(NA)	(NA)
1985	80.3	72.2	79.0	79.1	80.4	85.1	89.9	89.8	86.7	90.6	92.2	88.7
1986	80.0	71.9	77.8	79.0	80.1	83.9	88.9	89.6	90.6	90.2	88.3	87.2
1987	79.7	74.3	75.7	78.9	79.6	83.7	89.0	90.5	88.9	90.3	88.5	86.9
1988	80.1	75.0	79.6	78.9	79.1	84.6	87.7	89.4	87.5	88.4	89.2	85.6

NA Not available. [1] See table 254 for college enrollment 35 years old and over. See also footnote 4, table 213.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 429, and earlier reports; and unpublished data.

No. 213. School Enrollment, by Sex and Level: 1960 to 1988

[**In millions.** As of **Oct.** For the civilian noninstitutional population. For 1960, persons 5 to 34 years old; **1970,** 3 to 34 years old; thereafter, 3 years old and over. Elementary includes kindergarten and grades 1-8; high school, grades 9-12; and college, 2-year and 4-year colleges, universities, and graduate and professional schools. Data for college represent degree-credit enrollment]

YEAR	ALL LEVELS [1]			ELEMENTARY			HIGH SCHOOL			COLLEGE		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
1960	46.3	24.2	22.0	32.4	16.7	15.7	10.2	5.2	5.1	3.6	2.3	1.2
1970	60.4	31.4	28.9	37.1	19.0	18.1	14.7	7.4	7.3	7.4	4.4	3.0
1980	58.6	29.6	29.1	30.6	15.8	14.9	14.6	7.3	7.3	11.4	5.4	6.0
1981 [2]	58.4	29.5	28.9	30.1	15.5	14.7	14.4	7.3	7.1	11.8	5.6	6.2
1981 [3]	59.9	30.3	29.6	31.0	15.9	15.0	14.7	7.5	7.3	12.1	5.8	6.3
1982	59.4	30.0	29.4	30.7	15.6	14.9	14.2	7.2	7.0	12.3	5.9	6.4
1983	59.3	30.1	29.2	30.6	15.7	14.8	14.1	7.1	7.0	12.4	6.0	6.3
1984	58.9	29.9	29.0	30.3	15.6	14.7	13.9	7.1	6.8	12.3	6.0	6.3
1985	59.8	30.0	29.7	30.7	15.7	15.0	14.1	7.2	6.9	12.5	5.9	6.6
1986	60.1	30.4	29.7	31.1	16.1	15.0	14.0	7.1	6.9	12.4	5.8	6.6
1986 [4]	60.5	30.6	30.0	31.1	16.1	15.0	14.2	7.2	7.0	12.7	6.0	6.7
1987	60.6	30.7	29.9	31.6	16.3	15.3	13.8	7.0	6.8	12.7	6.0	6.7
1988	61.1	30.7	30.5	32.2	16.6	15.6	13.2	6.7	6.4	13.1	5.9	7.2

[1] Beginning 1965, includes nursery schools, not shown separately. [2] Population controls based on 1970 census; see text, sections 1 and 4. [3] Population controls based on 1980 census; see text, sections 1 and 4. [4] Revised. Data beginning 1986, based on a revised edit and tabulation package.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 429, and earlier reports; and unpublished data.

No. 214. School Enrollment, by Age, Race, and Hispanic Origin: 1970 to 1988

[**As of October.** Covers civilian noninstitutional population enrolled in nursery school and above. Based on Current Population Survey, see text, section 1. See *Historical Statistics, Colonial Times to 1970,* series H 442–476 for enrollment 5–34 years old]

Age, race, and Hispanic origin	Enrollment (1,000)						Rate					
	1970	1980	1985	1986	1987	1988	1970	1980	1985	1986	1987	1988
Total 3 to 34 years old [1]	**60,357**	**57,348**	**58,013**	**58,153**	**58,692**	**58,846**	**56.4**	**49.7**	**48.3**	**48.2**	**48.6**	**48.7**
3 and 4 years old	1,461	2,280	2,801	2,813	2,744	2,797	20.5	36.7	38.9	38.9	38.3	38.2
5 and 6 years old	7,000	5,853	6,697	6,917	6,956	7,044	89.5	95.7	96.1	95.3	95.1	96.0
7 to 13 years old	28,943	23,751	22,849	22,937	23,525	24,044	99.2	99.3	99.2	99.2	99.5	99.7
14 and 15 years old	7,869	7,282	7,382	7,007	6,651	6,481	98.1	98.2	98.1	97.6	98.6	98.9
16 and 17 years old	6,927	7,129	6,654	6,861	6,881	6,561	90.0	89.0	91.7	92.3	91.7	91.6
18 and 19 years old	3,322	3,788	3,716	3,872	3,982	4,059	47.7	46.4	51.6	54.6	55.6	55.7
20 and 21 years old	1,949	2,515	2,708	2,430	2,740	2,724	31.9	31.0	35.3	33.0	38.7	39.1
22 to 24 years old	1,410	1,931	2,068	2,154	2,052	2,092	14.9	16.3	16.9	17.9	17.5	18.3
25 to 29 years old	1,011	1,714	1,942	1,882	1,931	1,773	7.5	9.3	9.2	8.8	9.0	8.3
30 to 34 years old	466	1,105	1,218	1,230	1,229	1,271	4.2	6.4	6.1	6.0	5.9	3.9
35 years old and over	(NA)	1,290	1,766	1,909	1,931	2,270	(NA)	1.4	1.7	1.8	1.8	2.1
White: Total 3 to 34 years old	**51,719**	**47,673**	**47,452**	**47,267**	**47,471**	**47,672**	**56.2**	**48.9**	**47.8**	**47.4**	**47.7**	**48.0**
3 and 4 years old	1,181	1,844	2,250	2,296	2,227	2,288	19.9	36.3	38.6	39.1	38.2	38.9
5 and 6 years old	5,899	4,781	5,437	5,524	5,564	5,655	90.3	95.8	96.4	95.3	94.8	96.1
7 to 13 years old	24,564	19,585	18,464	18,579	18,922	19,320	99.2	99.2	99.3	99.2	99.5	99.7
14 and 15 years old	6,761	6,038	6,007	5,677	5,336	5,186	98.2	98.3	98.1	97.8	98.5	98.8
16 and 17 years old	6,008	5,937	5,449	5,587	5,596	5,284	90.6	88.6	91.6	92.0	91.8	91.4
18 and 19 years old	2,924	3,199	3,105	3,192	3,232	3,338	48.7	46.3	52.4	54.8	55.3	55.8
20 and 21 years old	1,750	2,206	2,318	2,042	2,324	2,309	33.1	31.9	36.1	33.5	39.6	40.2
22 to 24 years old	1,305	1,669	1,744	1,759	1,691	1,771	15.7	16.4	17.0	17.4	17.3	18.6
25 to 29 years old	910	1,473	1,635	1,589	1,560	1,458	7.7	9.2	9.2	8.8	8.7	8.2
30 to 34 years old	416	942	1,043	1,021	1,020	1,062	4.2	6.3	6.2	5.9	5.7	5.9
35 years old and over	(NA)	1,104	1,533	1,644	1,675	1,962	(NA)	1.3	1.7	1.8	1.8	2.1
Black: Total 3 to 34 years old	**7,829**	**8,251**	**8,444**	**8,556**	**8,713**	**8,608**	**57.4**	**53.9**	**50.9**	**51.1**	**51.7**	**50.6**
3 and 4 years old	250	371	469	411	392	375	22.7	38.2	42.7	38.2	36.8	33.4
5 and 6 years old	999	904	1,030	1,100	1,076	1,072	84.9	95.4	95.7	95.2	95.8	95.5
7 to 13 years old	3,998	3,598	3,549	3,564	3,686	3,761	99.3	99.4	99.1	99.4	99.8	99.7
14 and 15 years old	1,025	1,088	1,106	1,079	1,050	1,025	97.6	97.9	97.9	96.6	98.3	98.9
16 and 17 years old	837	1,047	994	1,015	1,034	1,029	85.7	90.6	91.7	93.2	91.5	91.5
18 and 19 years old	352	494	472	518	555	532	40.1	45.7	44.1	49.4	53.2	50.3
20 and 21 years old	174	242	298	268	289	276	22.8	23.4	27.7	25.7	28.7	28.1
22 to 24 years old	84	196	215	261	233	201	8.0	13.6	13.7	16.6	15.0	13.2
25 to 29 years old	68	187	192	197	248	192	4.8	8.8	7.4	7.5	9.3	7.2
30 to 34 years old	41	124	119	143	150	145	3.4	6.8	5.1	5.9	6.0	5.6
35 years old and over	(NA)	[2] 186	[2] 233	[2] 265	183	221	(NA)	[2] 1.8	[2] 1.9	[2] 2.0	1.7	2.0
Hispanic: [3] **Total 3 to 34 years old**	(NA)	**4,263**	**5,070**	**5,513**	**5,619**	**5,689**	(NA)	**49.6**	**47.7**	**47.8**	**47.2**	46.0
3 and 4 years old	(NA)	172	213	231	273	205	(NA)	28.5	27.0	28.7	30.7	24.5
5 and 6 years old	(NA)	491	662	761	763	788	(NA)	94.5	94.5	93.7	93.0	95.7
7 to 13 years old	(NA)	2,009	2,322	2,478	2,517	2,598	(NA)	99.2	99.0	99.3	99.3	99.7
14 and 15 years old	(NA)	568	606	636	666	693	(NA)	94.3	96.1	96.3	97.6	98.8
16 and 17 years old	(NA)	454	562	581	559	492	(NA)	81.8	84.5	83.8	87.1	78.8
18 and 19 years old	(NA)	226	238	278	273	324	(NA)	37.8	41.8	45.3	39.1	44.1
20 and 21 years old	(NA)	111	137	160	178	125	(NA)	19.5	24.0	21.1	26.5	16.7
22 to 24 years old	(NA)	93	125	145	150	140	(NA)	11.7	11.6	12.8	12.3	12.1
25 to 29 years old	(NA)	84	120	168	156	123	(NA)	6.9	6.6	8.6	7.5	5.8
30 to 34 years old	(NA)	54	83	74	83	101	(NA)	5.1	5.7	4.6	5.0	5.6
35 years old and over	(NA)	(NA)	(NA)	(NA)	88	113	(NA)	(NA)	(NA)	(NA)	1.5	1.8
Mexican: [3] **Total 3 to 34 years old**	(NA)	**2,698**	**3,180**	**3,596**	**3,720**	**3,764**	(NA)	**49.0**	**47.5**	**46.8**	**47.3**	**46.0**
3 and 4 years old	(NA)	104	137	152	180	136	(NA)	27.0	26.0	26.8	30.7	22.7
5 and 6 years old	(NA)	327	458	505	522	581	(NA)	93.2	95.3	93.6	92.9	95.5
7 to 13 years old	(NA)	1,378	1,526	1,686	1,799	1,800	(NA)	99.5	99.2	99.2	99.6	99.8
14 and 15 years old	(NA)	361	367	421	447	508	(NA)	92.1	97.7	96.5	96.5	98.5
16 and 17 years old	(NA)	257	358	374	342	332	(NA)	76.1	83.8	81.7	84.7	79.7
18 and 19 years old	(NA)	113	127	159	145	173	(NA)	32.0	35.2	40.4	32.8	36.0
20 and 21 years old	(NA)	55	61	80	95	69	(NA)	15.6	16.4	15.3	21.6	13.5
22 to 24 years old	(NA)	40	55	98	66	52	(NA)	7.5	7.8	12.2	8.2	6.7
25 to 29 years old	(NA)	41	56	84	77	54	(NA)	5.4	5.0	6.6	6.0	4.0
30 to 34 years old	(NA)	22	36	36	48	58	(NA)	3.3	4.5	3.7	4.5	5.2
35 years old and over	(NA)	(NA)	(NA)	(NA)	52	62	(NA)	(NA)	(NA)	(NA)	1.6	1.8

NA Not available. [1] Includes other races, not shown separately. [2] Black and other races. [3] Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-20, No. 429, and earlier reports; and unpublished data.

No. 215. Years of School Completed, by Age and Race: 1940 to 1988

[Through **1980**, as of **April 1**; beginning **1985** as of **March**. Excludes Armed Forces, except members living off post or with families on post. Beginning 1980, excludes inmates of institutions. 1940 based on complete count; 1950 based on 20-percent sample; 1960 on 25-percent sample; 1970 on 20-percent sample; and 1980 on 17-percent sample; beginning 1985 based on Current Population Survey; see text, section 1. For definition of median, see Guide to Tabular Presentation]

Age and year	All persons					Black persons				
	Percent not high school graduates		Percent with 4 years of high school or more		Median school years completed	Percent not high school graduates		Percent with 4 years of high school or more		Median school years completed
	Total	With less than 5 yr. of school	Total	College, 4 yr. or more		Total	With less than 5 yr. of school	Total	College, 4 yr. or more	
25 years and over:										
1940	75.5	13.7	24.5	4.6	8.6	92.7	42.0	7.3	1.3	5.7
1950	65.7	11.1	34.3	6.2	9.3	87.1	32.9	12.9	2.1	6.8
1960	58.9	8.3	41.1	7.7	10.6	79.9	23.8	20.1	3.1	8.0
1970	47.7	5.5	52.3	10.7	12.1	68.6	14.6	31.4	4.4	9.8
1980	33.5	3.6	66.5	16.2	12.5	48.8	8.2	51.2	8.4	12.0
1985	26.1	2.7	73.9	19.4	12.6	40.2	6.2	59.8	11.1	12.3
1986	25.3	2.7	74.7	19.4	12.6	37.7	5.4	62.3	10.9	12.3
1987	24.4	2.4	75.6	19.9	12.7	36.6	5.0	63.4	10.7	12.4
1988	23.8	2.4	76.2	20.3	12.7	36.7	4.8	63.3	11.3	12.4
25–29 years:										
1940	61.9	5.9	38.1	5.9	10.3	88.4	27.7	11.6	1.6	7.0
1950	49.5	4.7	52.8	7.7	12.0	80.4	16.8	22.2	2.7	8.6
1960	39.3	2.8	60.7	11.1	12.3	62.3	7.0	37.7	4.8	9.9
1970	26.2	1.7	73.8	16.3	12.6	44.6	3.2	55.4	6.0	12.1
1980	15.5	1.1	84.5	22.1	12.9	24.8	1.1	75.2	11.4	12.6
1985	13.9	.7	86.1	22.2	12.9	19.4	.4	80.6	11.5	12.7
1986	13.9	.9	86.1	22.4	12.9	16.7	.5	83.4	11.8	12.7
1987	14.0	.9	86.0	22.0	12.8	16.7	.4	83.3	11.4	12.7
1988	14.1	1.0	85.9	22.7	12.8	19.2	.3	80.9	12.3	12.7

Source: U.S. Bureau of the Census, *U.S. Census of Population, 1940, 1950, 1960, 1970,* and *1980,* vol. I; and *Current Population Reports,* series P-20, Nos. 415, 428 and forthcoming reports.

No. 216. Years of School Completed, by Race, Hispanic Origin, and Sex: 1970 to 1988

[**Persons 25 years old and over.** Hispanic persons may be of any race. For definition of median, see Guide to Tabular Presentation. See headnote, table 215. See also *Historical Statistics, Colonial Times to 1970,* series H 602-617]

Year, race, Hispanic origin, and sex	Population (1,000)	Percent of population completing—							Median school years completed
		Elementary school			High school		College		
		0–4 years	5–7 years	8 years	1–3 years	4 years	1–3 years	4 years or more	
1970, total persons [1]	**109,899**	**5.5**	**10.0**	**12.8**	**19.4**	**31.1**	**10.6**	**10.7**	**12.1**
White	98,246	4.5	9.1	13.0	18.8	32.2	11.1	11.3	12.1
Male	46,527	4.8	9.7	13.3	18.2	28.5	11.1	14.4	12.1
Female	51,718	4.1	8.6	12.8	19.4	35.5	11.1	8.4	12.1
Black	10,375	14.6	18.7	10.5	24.8	21.2	5.9	4.4	9.8
Male	4,714	17.7	19.1	10.2	22.9	20.0	6.0	4.2	9.4
Female	5,661	12.0	18.3	10.8	26.4	22.2	5.8	4.6	10.1
Hispanic	3,946	19.5	18.6	11.5	18.2	21.1	6.5	4.5	9.1
Male	1,897	19.1	18.0	11.3	18.1	19.9	7.6	5.9	9.3
Female	2,050	19.9	19.2	11.6	18.3	22.3	5.4	3.2	8.9
1980, total persons [1]	**132,836**	**3.6**	**6.7**	**8.0**	**15.3**	**34.6**	**15.7**	**16.2**	**12.5**
White	114,290	2.6	5.8	8.2	14.6	35.7	16.0	17.1	12.5
Male	53,941	2.8	6.0	8.0	13.6	31.8	16.4	21.3	12.5
Female	60,349	2.5	5.6	8.4	15.5	39.1	15.6	13.3	12.6
Black	13,195	8.2	11.7	7.1	21.8	29.3	13.5	8.4	12.0
Male	5,895	10.0	12.0	6.7	20.5	28.3	14.0	8.4	12.0
Female	7,300	6.7	11.6	7.3	22.9	30.0	13.2	8.3	12.0
Hispanic	6,739	15.5	16.6	8.1	15.8	24.4	12.0	7.6	10.8
Male	3,247	15.2	16.2	7.7	15.5	22.6	13.4	9.4	11.1
Female	3,493	15.8	17.1	8.4	16.1	26.0	10.6	6.0	10.6
1988, total persons [1]	**151,616**	**2.4**	**4.4**	**5.2**	**11.7**	**38.9**	**17.0**	**20.3**	**12.7**
White	131,092	2.0	3.9	5.3	11.1	39.5	17.2	20.9	12.7
Male	62,679	2.1	4.1	5.1	10.9	36.0	16.9	24.9	12.8
Female	68,414	1.9	3.8	5.4	11.2	42.8	17.6	17.3	12.6
Black	15,929	4.8	7.7	5.5	18.6	37.1	15.0	11.3	12.4
Male	7,067	5.7	8.4	4.8	17.5	37.0	15.4	11.2	12.4
Female	8,863	4.2	7.2	6.0	19.5	37.3	14.6	11.3	12.4
Hispanic	9,940	12.2	15.7	6.9	14.2	28.3	12.6	10.0	12.0
Male	4,889	11.7	16.1	6.7	14.2	27.2	12.8	12.0	12.1
Female	5,051	12.7	15.4	7.6	14.3	29.3	12.5	8.1	12.0

[1] Includes other races, not shown separately.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1970,* vols. I and II; *1980,* vol. I, chapter C, and *Current Population Reports,* series P-20, No. 428.

No. 217. Years of School Completed, by Age, Race, and Hispanic Origin: 1988

[**Persons 25 years old and over.** As of **March 1988.** See headnote, table 215. For definition of median, see Guide to Tabular Presentation]

Sex, age, race, and Hispanic origin	Population (1,000)	Percent of population completing— Elementary school: 0–4 years	5–7 years	8 years	High school: 1–3 years	4 years	College: 1–3 years	4 years or more	Median school years completed
Total persons	**151,616**	**2.4**	**4.4**	**5.2**	**11.7**	**38.9**	**17.0**	**20.3**	**12.7**
Male	71,941	2.6	4.5	5.0	11.4	35.7	16.8	24.0	12.7
Female	79,676	2.3	4.2	5.5	12.0	41.8	17.2	17.0	12.6
25–29 years old	21,524	1.0	1.3	1.5	10.2	42.2	21.0	22.7	12.8
30–34 years old	21,446	1.1	1.9	1.3	8.7	41.0	21.2	24.7	12.9
35–44 years old	34,682	1.4	2.4	1.9	8.3	38.1	21.1	26.9	12.9
45–54 years old	23,795	1.9	3.7	3.8	12.5	41.4	15.5	21.0	12.7
55–64 years old	21,642	3.2	5.9	7.7	15.7	39.6	12.9	15.0	12.4
65 years old and over	28,527	5.7	10.4	14.4	15.7	33.0	10.2	10.6	12.1
White	**131,092**	**2.0**	**3.9**	**5.3**	**11.1**	**39.5**	**17.2**	**20.9**	**12.7**
25–29 years old	18,070	1.0	1.4	1.5	9.5	42.3	20.8	23.5	12.9
30–34 years old	18,078	1.0	1.9	1.3	7.9	41.0	21.3	25.5	12.9
35–44 years old	29,783	1.3	2.3	1.8	7.4	38.1	21.3	27.8	13.0
45–54 years old	20,448	1.7	3.2	3.7	11.4	42.3	16.0	21.6	12.7
55–64 years old	19,074	2.6	4.8	7.4	14.9	41.2	13.4	15.6	12.5
65 years old and over	25,639	4.1	9.0	14.5	15.6	34.7	10.9	11.1	12.2
Black	**15,929**	**4.8**	**7.7**	**5.5**	**18.6**	**37.1**	**15.0**	**11.3**	**12.4**
25–29 years old	2,701	.3	.6	1.8	16.4	47.4	21.2	12.3	12.7
30–34 years old	2,571	.7	2.2	1.4	15.5	45.4	20.7	14.0	12.7
35–44 years old	3,700	1.1	2.7	2.3	16.6	42.2	19.6	15.4	12.6
45–54 years old	2,501	2.9	7.2	5.4	23.3	38.7	11.6	17.0	12.3
55–64 years old	2,074	7.3	14.8	10.6	24.0	28.0	8.3	7.0	11.0
65 years old and over	2,383	20.1	24.1	14.4	18.0	15.0	3.8	4.7	8.4
Hispanic origin [1]	**9,940**	**12.2**	**15.7**	**6.9**	**14.2**	**28.3**	**12.6**	**10.0**	**12.0**
25–29 years old	2,044	6.0	10.0	4.4	17.3	34.3	16.7	11.3	12.4
30–34 years old	1,741	6.7	14.0	4.3	14.0	30.9	17.5	12.6	12.4
35–44 years old	2,624	9.3	15.5	5.1	14.1	31.4	13.8	10.7	12.2
45–54 years old	1,488	14.1	18.3	8.9	13.8	25.9	8.5	10.4	10.7
55–64 years old	1,142	22.3	18.8	10.3	14.1	21.0	7.2	6.2	8.9
65 years old and over	903	29.3	24.5	15.0	8.9	14.0	4.3	4.1	7.5

[1] Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, unpublished data.

No. 218. Percent of Population With Less Than 12 Years of School and With 4 Years of College or More, by Age, Race, and Hispanic Origin: 1970 to 1988

[**Persons 25 years old and over.** As of **April 1970** and **1980**, and **March 1985** and **1988**]

Race and Hispanic origin	Less than 12 years of school: 1970	1980	1985	1988: Total	25–34 yr.	35–44 yr.	45–64 yr.	65 yr. and over	4 years of college or more: 1970	1980	1985	1988: Total	25–34 yr.	35–44 yr.	45–64 yr.	65 yr. and over
All races [1]	**47.7**	**33.5**	**26.1**	**23.8**	**13.6**	**14.0**	**27.0**	**46.2**	**10.7**	**16.2**	**19.4**	**20.3**	**23.7**	**26.9**	**18.2**	**10.6**
White	45.5	31.2	24.5	22.3	12.8	12.8	24.7	43.3	11.3	17.1	20.0	20.9	24.5	27.8	18.7	11.1
Black	68.6	48.8	40.2	36.7	19.5	22.8	46.8	76.5	4.4	8.4	11.1	11.3	13.2	15.4	9.2	4.7
Hispanic origin [2]	67.9	56.0	52.1	49.0	38.3	44.1	59.7	77.6	4.5	7.6	8.5	10.0	11.9	10.7	8.6	4.1
Mexican	75.8	62.4	58.7	55.4	45.7	46.6	68.7	84.1	2.5	4.9	5.5	7.1	8.4	8.7	5.2	1.4
Puerto Rican	76.6	59.9	53.7	49.2	32.4	44.3	67.9	83.2	2.2	5.6	7.0	9.6	11.3	11.2	7.3	2.2
Cuban	56.1	44.7	48.9	39.5	16.1	32.3	44.5	64.4	11.1	16.2	16.7	17.1	23.8	20.3	14.4	11.9
Other [3]	55.1	42.6	35.8	35.5	25.8	34.3	40.2	69.2	7.0	12.4	16.4	15.5	19.1	13.8	14.8	6.1

[1] Includes races not shown separately. [2] Persons of Hispanic origin may be of any race. [3] Includes Central and South American and other Hispanic origin.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vols. I and II, *1980 Census of Population*, vol. I, chapter C, *Current Population Reports*, series P-20, No. 438 and earlier reports; and unpublished data.

No. 219. Years of School Completed by Sex, Race, and Hispanic Origin—15 Largest States: 1988

[**For persons 25 years old and over.** As of **March.** Persons of Hispanic origin may be of any race. Data for other States are not available. Based on Current Population Survey and subject to sampling error. See text, section 1 and Appendix III]

Item	Total persons (1,000)	Percent completing: High school	Percent completing: College
CA:			
Total	17,293	79.2	25.0
Male	8,519	79.2	29.4
Female	8,774	79.3	20.7
White	14,757	79.0	25.0
Black	1,059	80.7	13.4
Hispanic	3,292	46.9	8.4
FL:			
Total	8,102	77.7	19.5
Male	3,763	76.9	24.1
Female	4,339	78.3	15.5
White	7,023	80.2	20.5
Black	1,001	59.9	11.2
Hispanic	916	63.7	16.4
GA:			
Total	3,741	71.2	16.7
Male	1,698	72.6	18.9
Female	2,043	70.1	14.8
White	2,766	74.0	19.6
Black	955	63.4	8.1
Hispanic	33	(B)	(B)
IL:			
Total	7,161	76.6	20.0
Male	3,377	78.2	22.7
Female	3,784	75.2	17.6
White	6,012	77.9	20.2
Black	943	67.2	11.2
Hispanic	366	53.0	12.0
IN:			
Total	3,431	75.4	12.1
Male	1,654	75.4	15.1
Female	1,777	75.3	9.4
White	3,148	75.6	11.9
Black	248	70.3	13.9
Hispanic	37	(B)	(B)
MA:			
Total	3,743	81.0	27.7
Male	1,735	81.4	32.1
Female	2,009	80.6	23.8
White	3,529	81.5	27.9
Black	133	77.0	13.9
Hispanic	91	49.1	10.9
MI:			
Total	5,575	76.2	16.0
Male	2,697	75.3	19.9
Female	2,878	77.0	12.4
White	4,778	78.7	16.4
Black	697	58.6	10.0
Hispanic	69	(B)	(B)
MO:			
Total	3,179	74.3	18.9
Male	1,517	74.8	23.2
Female	1,662	73.9	14.9
White	2,845	76.2	19.4
Black	281	58.1	10.7
Hispanic	9	(B)	(B)
NJ:			
Total	4,958	78.3	24.3
Male	2,321	78.9	28.9
Female	2,638	77.7	20.4
White	4,306	79.3	24.6
Black	488	64.2	10.8
Hispanic	356	62.7	14.7
NY:			
Total	11,260	76.0	22.7
Male	5,174	76.8	27.2
Female	6,086	75.3	18.9
White	9,489	77.9	23.2
Black	1,376	61.7	11.7
Hispanic	1,159	48.9	8.6
NC:			
Total	4,034	68.1	17.1
Male	1,901	67.3	19.0
Female	2,133	68.8	15.5
White	3,195	72.0	19.1
Black	761	52.7	8.7
Hispanic	20	(B)	(B)
OH:			
Total	6,745	75.9	16.4
Male	3,198	75.7	19.2
Female	3,547	76.1	13.9
White	6,078	77.0	16.7
Black	624	64.4	10.2
Hispanic	57	(B)	(B)
PA:			
Total	7,876	77.0	18.0
Male	3,657	77.8	22.0
Female	4,218	76.3	14.5
White	7,160	77.6	18.1
Black	598	69.6	12.7
Hispanic	93	57.4	17.6
TX:			
Total	9,589	72.6	21.5
Male	4,570	73.1	25.4
Female	5,019	72.2	18.0
White	8,308	73.5	22.5
Black	1,107	64.9	11.2
Hispanic	1,968	42.4	9.2
VA:			
Total	3,739	73.0	25.9
Male	1,814	71.8	30.2
Female	1,925	74.1	21.8
White	2,923	76.2	28.9
Black	731	58.0	11.7
Hispanic	34	(B)	(B)

B Base figure too small to meet standards for reliability of derived figure.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, forthcoming report.

No. 220. School Days Lost Associated With Acute Conditions: 1962 to 1987

[**Days lost per year per 100 children, ages 6–16, beginning 1985, ages 5–17.** Based on data collected during the periods July of the previous year to June of the year shown through 1980; beginning 1985 is based on calendar year data. Based on a sample of the civilian noninstitutionalized population; see Appendix III]

Condition	1962	1965	1970	1975	1980	1985	1987: Total [1]	1987: Male	1987: Female	1987: White	1987: Black
All acute conditions	**521**	**456**	**452**	**451**	**487**	**387**	**339**	**320**	**359**	**349**	**281**
Infective and parasitic diseases	108	139	90	81	99	94	88	91	85	90	78
Respiratory conditions	342	238	264	261	282	216	178	161	195	182	138
Upper respiratory	174	147	147	121	118	91	76	65	87	75	69
Influenza and other	168	91	117	140	164	124	102	96	108	107	69
Digestive system conditions	14	13	24	21	22	[2] 13	11	[2] 11	[2] 11	11	[2] 10
Injuries	27	29	36	52	37	24	29	33	25	31	[2] 24
All other acute conditions	29	38	38	36	47	41	33	24	43	35	31

[1] Includes other races not shown separately. [2] Figure does not meet standards of reliability or precision.

Source: U.S. National Center for Health Statistics, series 10, and unpublished data.

No. 221. Preprimary School Enrollment—Summary: 1975 to 1988

[As of **October**. Civilian noninstitutional population. Includes public and nonpublic nursery school and kindergarten programs. Excludes 5 year olds enrolled in elementary school. Based on Current Population Survey; see text, section 1]

ITEM	1975	1978	1979	1980	1983	1984	1985	1986	1987	1988
NUMBER OF CHILDREN (1,000)										
Population, 3-5 years old	**10,183**	**9,110**	**9,119**	**9,284**	**10,252**	**10,612**	**10,733**	**10,866**	**10,872**	**10,994**
Total enrolled [1]	**4,954**	**4,584**	**4,664**	**4,878**	**5,385**	**5,480**	**5,865**	**5,971**	**5,932**	**5,977**
Nursery	1,745	1,822	1,862	1,981	2,347	2,335	2,477	2,545	2,555	2,621
Public	570	585	633	628	809	742	846	829	819	852
Private	1,174	1,237	1,228	1,353	1,538	1,593	1,631	1,715	1,736	1,770
Kindergarten	3,211	2,761	2,802	2,897	3,038	3,145	3,388	3,426	3,377	3,356
Public	2,682	2,296	2,381	2,438	2,416	2,668	2,847	2,859	2,842	2,875
Private	528	466	421	459	623	476	541	567	535	481
White	4,105	3,697	3,786	3,994	4,430	4,411	4,757	4,851	4,748	4,891
Black	731	749	750	725	758	845	919	892	893	814
Hispanic [2]	(NA)	294	289	370	406	380	496	593	587	544
3 years old	683	759	746	857	1,005	1,004	1,035	1,041	1,022	1,028
4 years old	1,418	1,313	1,393	1,423	1,619	1,603	1,765	1,772	1,717	1,768
5 years old	2,852	2,512	2,525	2,598	2,762	2,872	3,065	3,157	3,912	3,183
ENROLLMENT RATE										
Total enrolled [1]	**48.6**	**50.3**	**51.1**	**52.5**	**52.5**	**51.6**	**54.6**	**55.0**	**54.6**	**54.4**
White	48.6	49.5	50.7	52.7	53.1	51.7	54.7	55.2	54.1	55.4
Black	48.1	53.1	53.3	51.8	48.8	51.3	55.8	54.1	54.2	48.2
Hispanic [2]	(NA)	40.9	40.3	43.3	42.7	41.6	43.3	47.8	45.5	44.2
3 years old	21.5	25.1	24.6	27.3	28.1	27.8	28.8	28.9	28.6	27.6
4 years old	40.5	43.4	45.4	46.3	47.4	44.8	49.1	49.0	47.7	49.1
5 years old	81.3	82.1	83.5	84.7	84.6	83.9	86.5	86.7	86.1	86.6

NA Not available. [1] Includes races not shown separately. [2] Persons of Hispanic origin may be of any race. The method of identifying Hispanic children was changed in 1980 from allocation based on status of mother to status reported for each child. The number of Hispanic children using the new method is larger.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 318; and unpublished data.

No. 222. Preprimary School Enrollment, by Level of Enrollment and Labor Force Status of Mother: 1978 and 1988

[See headnote, table 221]

RACE AND LABOR FORCE STATUS	ALL CHILDREN (1,000)		PERCENT ENROLLED IN—							PERCENT NOT ENROLLED	
			Nursery school				Kindergarten				
			Total		Full-day		Total		Full-day, 1988		
	1978	1988	1978	1988	1978	1988	1978	1988		1978	1988
TOTAL [1]											
Children 3 to 5 years old	9,110	10,994	20.0	23.8	6.9	7.4	30.3	30.5	11.2	49.7	45.7
Living with mother	8,883	10,403	19.8	24.1	6.8	7.5	30.4	30.4	11.0	49.8	45.5
Mother in labor force	4,097	6,061	22.1	25.3	11.4	10.1	31.0	32.1	12.7	47.0	42.6
Employed	3,737	5,641	22.5	25.9	11.7	10.4	31.0	31.9	12.3	46.5	42.2
Full-time	2,446	3,717	22.3	24.3	15.2	13.0	31.2	33.3	13.9	46.5	42.4
Part-time	1,291	1,932	23.0	28.8	5.2	5.3	30.5	29.1	9.1	46.4	42.2
Unemployed	360	419	17.4	18.1	7.8	6.7	30.6	34.4	18.1	52.0	47.5
Mother not in labor force	4,786	4,342	17.9	22.5	2.9	3.8	29.9	28.1	8.7	52.2	49.4
WHITE											
Children 3 to 5 years old	7,460	8,822	19.5	25.1	5.2	6.5	30.1	30.3	9.8	50.5	44.6
Living with mother	7,301	8,474	19.4	25.5	5.1	6.6	30.1	30.3	9.8	50.5	44.2
Mother in labor force	3,235	4,921	21.1	26.8	9.2	9.3	30.4	31.5	11.1	48.5	41.7
Employed	3,014	4,670	21.3	27.2	9.4	9.5	30.7	31.3	10.7	48.0	41.5
Full-time	1,877	2,940	20.1	25.4	12.6	12.2	31.0	33.1	12.1	48.9	41.5
Part-time	1,137	1,730	23.3	30.2	4.1	4.9	30.2	28.3	8.2	46.5	41.5
Unemployed	220	252	17.9	19.0	6.4	6.0	27.1	34.9	18.3	55.0	46.1
Mother not in labor force	4,067	3,552	18.0	23.6	1.9	2.8	29.8	28.5	8.0	52.2	47.9
BLACK											
Children 3 to 5 years old	1,410	1,689	22.1	16.9	15.3	11.2	31.0	31.3	17.5	46.9	51.8
Living with mother	1,347	1,483	21.7	17.0	15.5	11.7	31.3	31.0	16.8	47.1	52.0
Mother in labor force	731	915	25.9	18.8	20.6	14.5	32.5	33.6	19.2	41.6	47.6
Employed	598	770	28.0	18.7	22.8	15.6	31.7	33.9	19.4	40.3	47.4
Full-time	469	629	29.6	19.9	24.8	16.7	32.0	33.2	20.2	38.4	46.9
Part-time	128	141	22.3	13.5	15.8	11.3	30.7	36.2	15.6	47.0	50.3
Unemployed	133	144	16.7	20.1	10.6	9.0	35.7	31.9	18.8	47.6	48.0
Mother not in labor force	616	568	16.6	13.9	9.4	7.0	29.8	26.8	12.9	53.5	59.3
HISPANIC [2]											
Children 3 to 5 years old	720	1,232	11.8	11.9	5.0	3.7	29.1	32.2	10.1	59.1	55.9
Living with mother	713	1,186	11.7	12.3	5.0	3.9	28.9	31.3	9.9	59.4	56.4
Mother in labor force	296	556	16.3	12.2	7.1	4.7	27.5	34.7	10.6	56.2	53.1
Employed	263	489	17.1	13.7	6.7	5.3	26.0	32.5	9.0	56.9	53.8
Full-time	196	373	16.9	12.9	7.5	7.0	25.9	34.6	9.1	57.2	52.5
Part-time	67	116	(B)	16.4	(B)	–	(B)	25.0	8.6	(B)	58.6
Unemployed	33	66	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
Mother not in labor force	417	609	8.4	12.5	3.5	3.4	29.9	28.2	9.4	61.7	59.3

– Represents zero. B Base figure too small to meet statistical standards for reliability of derived figure. [1] Includes races not shown separately. [2] Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 318; and unpublished data.

No. 223. Public Elementary and Secondary Schools—Summary: 1980 to 1989

[For school year ending in year shown, except as indicated. Data are estimates]

ITEM	Unit	1980	1982	1983	1984	1985	1986	1987	1988	1989
School districts, total	Number	16,044	15,959	15,909	15,857	15,812	15,739	15,684	15,571	15,513
ENROLLMENT										
Population 5–17 years old [1]	1,000	48,041	46,352	45,655	45,130	44,942	44,975	45,148	45,291	45,388
Percent of resident population	Percent	21.4	20.2	19.7	19.3	19.0	18.8	18.7	18.6	18.5
Fall enrollment [2]	1,000	41,778	40,119	39,684	39,405	39,354	39,551	39,885	40,131	40,292
Percent of population 5–17 years old	Percent	87.0	86.6	86.9	87.3	87.6	87.9	88.3	88.6	88.8
Elementary [3]	1,000	24,397	24,082	23,887	23,727	23,843	24,134	24,627	25,144	25,506
Secondary [4]	1,000	17,381	16,037	15,796	15,678	15,510	15,417	15,258	14,987	14,786
Average daily:										
Membership (ADM)	1,000	40,812	39,306	38,882	38,588	38,751	38,724	38,988	(NA)	(NA)
Attendance (ADA)	1,000	38,411	37,072	36,752	36,508	36,532	36,636	36,955	37,033	37,241
High school graduates	1,000	2,762	2,711	2,611	2,503	2,424	2,388	2,428	2,464	2,445
INSTRUCTIONAL STAFF										
Total [5]	1,000	2,521	2,455	2,434	2,438	2,471	2,518	2,564	2,599	2,630
Classroom teachers	1,000	2,211	2,158	2,134	2,142	2,174	2,213	2,251	2,283	2,309
Average salaries:										
Instructional staff	Dollar	16,715	20,327	21,641	22,994	24,659	26,322	27,641	29,177	30,853
Classroom teachers	Dollar	15,970	19,274	20,695	21,921	23,593	25,194	26,566	28,008	29,567
REVENUES										
Revenue receipts	Mil. dol	97,635	113,999	120,778	129,058	140,957	153,696	163,798	174,219	185,122
Federal	Mil. dol	9,020	8,419	8,695	8,967	9,524	10,354	10,510	11,190	11,646
State	Mil. dol	47,929	54,573	57,587	61,657	69,070	75,931	81,650	87,093	93,018
Local	Mil. dol	40,686	51,007	54,496	58,434	62,363	67,411	71,638	75,936	80,458
Percent of revenue receipts:										
Federal	Percent	9.2	7.4	7.2	6.9	6.8	6.7	6.4	6.4	6.3
State	Percent	49.1	47.9	47.7	47.8	49.0	49.4	49.8	50.0	50.2
Local	Percent	41.7	44.7	45.1	45.3	44.2	43.9	43.7	43.6	43.5
EXPENDITURES										
Total	Mil. dol	96,105	113,005	119,159	127,014	139,322	152,077	162,795	173,981	185,953
Current expenditures (day schools)	Mil. dol	85,661	102,048	108,773	116,295	127,179	138,043	147,390	157,656	167,931
Other current expenditures [6]	Mil. dol	1,859	2,227	2,003	2,018	2,100	2,356	2,594	2,707	2,864
Capital outlay	Mil. dol	6,504	6,404	6,131	6,373	7,530	8,999	10,086	10,680	12,027
Interest on school debt	Mil. dol	2,081	2,326	2,252	2,328	2,514	2,679	2,726	2,938	3,131
Percent of total:										
Current expenditures (day schools)	Percent	89.1	90.3	91.3	91.6	91.3	90.8	90.5	90.6	90.3
Other current expenditures [6]	Percent	1.9	2.0	1.7	1.6	1.5	1.6	1.6	1.6	1.5
Capital outlay	Percent	6.8	5.7	5.1	5.0	5.4	5.9	6.2	6.1	6.5
Interest on school debt	Percent	2.2	2.1	1.9	1.8	1.8	1.8	1.7	1.7	1.7
In current dollars:										
Revenue receipts per pupil in—										
ADA	Dollar	2,542	3,075	3,286	3,535	3,858	4,195	4,432	4,704	4,971
ADM	Dollar	2,392	2,900	3,106	3,345	3,638	3,963	4,201	(NA)	(NA)
Current expenditures per pupil in—										
ADA	Dollar	2,230	2,753	2,960	3,185	3,481	3,768	3,988	4,257	4,509
ADM	Dollar	2,099	2,596	2,797	3,014	3,282	3,559	3,780	(NA)	(NA)
In constant (1989) dollars: [7]										
Revenue receipts per pupil in—										
ADA	Dollar	3,968	3,960	4,058	4,209	4,420	4,672	4,829	4,921	4,971
ADM	Dollar	3,734	3,735	3,835	3,983	4,168	4,414	4,577	(NA)	(NA)
Current expenditures per pupil in—										
ADA	Dollar	3,481	3,545	3,655	3,792	3,989	4,196	4,345	4,454	4,509
ADM	Dollar	3,277	3,343	3,454	3,589	3,761	3,964	4,118	(NA)	(NA)

NA Not available. [1] Estimated resident population as of July 1 of the previous year. [2] Fall enrollment of the previous year. [3] Kindergarten through grade 6. [4] Grades 7 through 12. [5] Full-time equivalent. [6] Current expenses for summer schools, adult education, post-high school vocational education, personnel retraining, etc., when operated by local school districts and not part of regular public elementary and secondary day-school program. [7] Compiled by U.S. Bureau of the Census. Deflated by the Consumer Price Index, all wage earners (for school year) supplied by U.S. National Center for Education Statistics.

Source: Except as noted, National Education Association, Washington, DC, *Estimates of School Statistics*, annual (copyright) and *Rankings of the States*, annual (copyright); and unpublished data.

No. 224. Public and Private Elementary and Secondary Schools—Enrollment and Teachers, 1960 to 1988, and Projections, 1990 and 1995

[In thousands, except percent. As of fall. Schools are classified by type of organization, rather than by grade group; elementary includes kindergarten and secondary includes junior high. Minus sign (–) indicates decrease]

Item	Total	Percent change [1]	Elementary	Secondary	Public Total	Public Elementary	Public Secondary	Private [2] Total	Private Elementary	Private Secondary
	Total									
Enrollment: 1960	42,181	3.6	29,150	13,031	36,281	24,350	11,931	5,900	4,800	1,100
1965	48,473	2.8	31,570	16,904	42,173	26,670	15,504	6,300	4,900	1,400
1970	51,272	1.1	31,553	19,719	45,909	27,501	18,408	5,363	4,052	1,311
1975	49,791	–.6	29,340	20,451	44,791	25,640	19,151	5,000	3,700	1,300
1980	46,318	–1.4	28,148	18,170	40,987	24,156	16,831	5,331	3,992	1,339
1985	45,066	–.6	28,485	16,581	39,509	24,290	15,219	5,557	4,195	1,362
1986	45,289	.5	28,317	16,972	39,837	24,201	15,636	5,452	4,116	1,336
1987	45,371	.2	28,433	16,938	40,024	24,315	15,709	5,347	4,118	1,229
1988, est	45,438	.1	29,242	16,196	40,196	25,206	14,990	5,241	4,036	1,206
1990, proj	46,112	1.5	30,203	15,909	40,772	26,027	14,745	5,340	4,176	1,164
1995, proj	49,122	6.5	31,394	17,729	43,453	27,022	16,431	5,669	4,372	1,298
Teachers: 1960	1,600	4.5	991	609	1,408	858	550	192	133	59
1965	1,933	3.9	1,112	822	1,710	965	746	223	147	76
1970	2,288	3.4	1,281	1,007	2,055	1,128	927	233	153	80
1975	2,451	1.4	1,352	1,099	2,196	1,180	1,016	255	172	83
1980	2,463	.1	1,389	1,074	2,162	1,177	985	301	212	89
1985	2,550	.7	1,476	1,078	2,207	1,237	970	343	246	97
1986	2,591	1.6	1,517	1,075	2,243	1,267	977	348	250	98
1987	2,627	1.4	1,551	1,076	2,279	1,297	982	348	254	94
1988, est	2,649	.8	1,567	1,081	2,304	1,316	987	345	251	94
1990, proj	2,724	2.8	1,627	1,097	2,367	1,365	1,001	357	261	96
1995, proj	2,909	6.8	1,719	1,191	2,529	1,443	1,087	380	276	104

[1] Average from prior year shown; for 1960, change from 1955. For explanation of average annual change, see Guide to Tabular Presentation. [2] Data beginning 1970 are estimated.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual, and *Projections of Education Statistics*, annual.

No. 225. Public Elementary and Secondary Schools, by Type and Size of School: 1987–1988

[Data reported by schools, rather than school districts]

Enrollment size of school	Number of schools: Total	Elementary [1]	Secondary [2]	Combined [3]	Other [4]	Enrollment (1,000): Total	Elementary [1]	Secondary [2]	Combined [3]	Other [4]
Total	**83,248**	**59,311**	**20,758**	**2,179**	**1,000**	**39,914**	**24,439**	**14,439**	**916**	**121**
PERCENT DISTRIBUTION [5]										
Total [3]	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**
Under 100 students	9.01	7.03	10.25	24.97	62.80	.95	.84	.85	2.74	21.24
100 to 199 students	11.31	11.23	10.80	14.23	19.90	3.48	4.03	2.29	4.90	23.52
200 to 299 students	12.90	14.46	9.11	9.78	8.60	6.62	8.60	3.25	5.66	17.27
300 to 399 students	14.93	17.78	8.26	8.81	3.30	10.67	14.65	4.16	7.36	9.24
400 to 499 students	13.78	16.18	8.19	8.90	2.10	12.61	17.08	5.30	9.50	7.72
500 to 599 students	11.10	12.55	7.92	7.80	1.10	12.40	16.15	6.25	10.14	5.00
600 to 699 students	7.80	8.43	6.59	5.83	.70	10.28	12.81	6.14	8.97	3.75
700 to 799 students	5.36	5.22	6.11	4.08	.40	8.16	9.17	6.57	7.25	2.36
800 to 999 students	5.82	4.68	9.10	7.11	.40	10.53	9.73	11.68	15.06	2.82
1,000 to 1,499 students	5.17	2.22	13.46	6.20	.70	12.67	6.01	23.67	17.49	7.08
1,500 to 1,999 students	1.71	.19	6.02	1.42	(z)	5.99	.76	14.92	5.71	(z)
2,000 to 2,999 students	.99	.02	3.72	.73	(z)	4.72	.13	12.58	3.90	(z)
3,000 or more students	.13	.01	.46	.14	(z)	.91	.06	2.34	1.31	(z)
Average enrollment [5]	(x)	(x)	(x)	(x)	(x)	490	424	696	420	121

X Not applicable. Z Less than .005 percent. [1] Includes schools beginning with grade 6 or below and with no grade higher than 8. [2] Includes schools with no grade lower than 7. [3] Includes schools with both elementary and secondary grades. [4] Includes special education, alternative, and other schools not classified by grade span. [5] Data for those schools reporting enrollment.

Source: U.S. National Center for Education Statistics, unpublished data from "Common Core of Data" survey.

No. 226. Public Elementary and Secondary School Enrollment by State: 1980 and 1987

[As of **fall**. Includes unclassified students]

STATE	ENROLLMENT (1,000) K through Grade 8 1980	1987	Grades 9 through 12 1980	1987	ENROLLMENT RATE [1] 1980	1987
United States	**27,674**	**27,886**	**13,313**	**12,138**	**86.5**	**88.4**
Alabama	528	521	231	208	87.6	88.8
Alaska	60	77	26	29	94.0	94.8
Arizona	357	413	157	160	88.9	89.0
Arkansas	310	307	138	130	90.3	92.0
California	2,761	3,172	1,357	1,317	88.0	89.8
Colorado	374	392	172	168	92.2	92.5
Connecticut	364	326	168	139	83.3	85.8
Delaware	62	67	37	29	79.5	81.4
District of Columbia	71	63	29	24	91.8	94.6
Florida	1,042	1,172	468	493	84.4	88.0
Georgia	742	795	327	316	86.9	88.1
Hawaii	110	116	55	50	83.4	84.4
Idaho	144	153	59	59	95.4	95.5
Illinois	1,335	1,252	649	560	82.6	83.3
Indiana	708	659	347	305	88.0	89.3
Iowa	351	328	183	152	88.4	91.5
Kansas	283	299	133	123	88.7	91.9
Kentucky	464	449	206	194	83.7	87.1
Louisiana	544	583	234	210	80.3	85.2
Maine	153	145	70	66	91.5	96.7
Maryland	493	473	258	211	83.9	86.4
Massachusetts	676	565	346	260	88.6	87.1
Michigan	1,227	1,086	638	520	90.1	89.5
Minnesota	482	497	272	225	87.2	91.6
Mississippi	330	364	147	141	79.6	87.1
Missouri	567	557	277	245	83.8	85.1
Montana	106	108	50	44	92.9	95.0
Nebraska	189	188	91	80	86.6	88.9
Nevada	101	119	49	49	93.4	96.0
New Hampshire	112	114	55	52	85.3	87.5
New Jersey	820	747	426	346	81.5	82.9
New Mexico	186	195	85	92	89.5	92.2
New York	1,838	1,736	1,033	859	80.8	83.3
North Carolina	786	754	343	332	90.0	91.3
North Dakota	77	84	40	35	85.9	90.3
Ohio	1,312	1,220	645	573	84.8	86.9
Oklahoma	399	411	179	173	92.9	93.2
Oregon	319	318	145	138	88.5	91.9
Pennsylvania	1,231	1,078	678	591	80.4	80.7
Rhode Island	95	93	53	41	79.7	81.6
South Carolina	426	432	193	183	88.1	89.7
South Dakota	86	91	42	35	87.4	91.6
Tennessee	602	582	252	241	87.8	89.2
Texas	2,049	2,351	851	886	92.4	92.9
Utah	250	314	93	109	98.2	95.1
Vermont	66	65	29	28	87.9	92.0
Virginia	703	685	307	294	90.7	94.3
Washington	515	541	242	235	91.0	93.8
West Virgina	270	237	113	107	92.6	92.2
Wisconsin	528	522	303	251	82.1	84.6
Wyoming	70	70	28	28	97.3	93.8

[1] Percent of persons 5–17 years old. Based on estimated resident population as of July 1, 1987 and enumerated population as of April 1, 1980.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

No. 227. Public Elementary and Secondary School Enrollment, 1988, and Projections, 1989 and 1990

[**In thousands**. As of **fall**. Includes unclassified students]

STATE	K THROUGH GRADE 8 1988	1989	1990	GRADES 9 THROUGH 12 1988	1989	1990
United States	**[1] 28,333**	**28,818**	**29,373**	**[1] 11,863**	**11,505**	**11,399**
Alabama	519	523	528	211	200	197
Alaska	76	77	80	28	27	27
Arizona	420	451	472	157	157	159
Arkansas	308	308	310	148	125	123
California	3,310	3,428	3,554	1,301	1,303	1,323
Colorado	410	413	424	150	156	155
Connecticut	332	339	348	131	126	122
Delaware	68	71	73	29	27	27
District of Columbia	67	65	66	22	21	21
Florida	1,196	1,260	1,316	533	485	480
Georgia	807	826	849	305	306	308
Hawaii	119	121	125	49	49	50
Idaho	151	153	152	64	58	59
Illinois	1,288	1,279	1,292	500	526	519
Indiana	650	660	661	313	291	286
Iowa	321	324	322	156	140	138
Kansas	301	307	311	125	118	118
Kentucky	445	447	443	193	179	176
Louisiana	599	594	598	192	203	202
Maine	145	148	151	66	61	59
Maryland	487	508	528	203	193	190
Massachusetts	568	582	596	248	232	224
Michigan	1,101	1,090	1,105	489	483	472
Minnesota	498	517	527	226	209	208
Mississippi	366	370	372	138	134	133
Missouri	566	576	585	240	235	233
Montana	109	109	108	43	41	41
Nebraska	188	190	192	81	76	75
Nevada	123	130	135	53	48	49
New Hampshire	116	122	127	49	49	48
New Jersey	759	772	792	322	313	306
New Mexico	203	208	216	78	91	91
New York	1,740	1,768	1,788	840	790	781
North Carolina	757	765	779	325	312	305
North Dakota	86	85	85	32	33	33
Ohio	1,223	1,235	1,243	560	534	522
Oklahoma	427	422	424	158	160	157
Oregon	312	319	322	149	130	130
Pennsylvania	1,082	1,101	1,115	573	544	530
Rhode Island	95	97	99	39	38	37
South Carolina	438	443	449	178	174	172
South Dakota	92	94	95	34	34	34
Tennessee	576	586	590	244	229	224
Texas	2,429	2,433	2,487	839	870	865
Utah	322	321	322	104	114	120
Vermont	65	67	69	30	26	25
Virginia	698	715	736	290	274	269
Washington	545	566	579	245	222	221
West Virginia	232	225	220	104	100	97
Wisconsin	522	535	543	253	234	231
Wyoming	74	70	70	24	26	26

[1] Due to independent estimation techniques, data will not agree with those in table 211.

Source: U.S. National Center for Education Statistics, *State Projections to 1993*.

No. 228. Public Elementary and Secondary School Enrollment, by Grade: 1960 to 1987

[**1960, for school year;** thereafter, as of **fall** of year. Beginning **1975,** kindergarten includes nursery schools. For 1970–1987, totals include ungraded, postgraduates, and special classes which are not prorated among grades. For 1960, enrollment figures are prorated and 12th grade includes postgraduates. See also *Historical Statistics, Colonial Times to 1970,* series H 420–424]

GRADE	ENROLLMENT (1,000)									PERCENT DISTRIBUTION		
	1960	1970	1975	1980	1983	1984	1985	1986	1987	1960	1980	1987
Pupils enrolled	**36,087**	**45,909**	**44,791**	**40,987**	**39,352**	**39,295**	**39,509**	**39,837**	**40,024**	**100.0**	**100.0**	**100.0**
Kindergarten and grades 1–8	**27,602**	**32,577**	**30,487**	**27,674**	**26,997**	**26,918**	**27,049**	**27,404**	**27,886**	**76.5**	**67.5**	**69.7**
Kindergarten	1,923	2,559	2,945	2,689	2,860	3,010	3,192	3,310	3,388	5.3	6.6	8.5
First	3,733	3,814	3,236	2,894	3,080	3,113	3,239	3,358	3,407	10.3	7.1	8.5
Second	3,436	3,654	3,027	2,800	2,781	2,904	2,941	3,054	3,173	9.5	6.8	7.9
Third	3,302	3,662	3,038	2,908	2,772	2,765	2,895	2,933	3,046	9.2	7.1	7.6
Fourth	3,146	3,676	3,112	3,115	2,758	2,772	2,771	2,896	2,938	8.7	7.6	7.3
Fifth	3,118	3,634	3,281	3,130	2,798	2,761	2,776	2,775	2,901	8.6	7.6	7.2
Sixth	3,070	3,599	3,476	3,038	2,928	2,823	2,789	2,806	2,811	8.5	7.4	7.0
Seventh	3,173	3,662	3,619	3,087	3,247	3,044	2,938	2,900	2,911	8.8	7.5	7.3
Eighth	2,701	3,601	3,636	3,091	3,222	3,186	2,982	2,870	2,839	7.5	7.5	7.1
Grades 9–12	**8,485**	**13,332**	**14,304**	**13,313**	**12,355**	**12,377**	**12,460**	**12,434**	**12,138**	**23.5**	**32.5**	**30.3**
Ninth	2,412	3,652	3,879	3,380	3,330	3,440	3,439	3,257	3,143	6.7	8.2	7.9
Tenth	2,258	3,457	3,723	3,375	3,103	3,145	3,230	3,215	3,020	6.3	8.2	7.5
Eleventh	2,063	3,127	3,354	3,195	2,861	2,819	2,866	2,954	2,936	5.7	7.8	7.3
Twelfth	1,752	2,774	2,986	2,925	2,678	2,599	2,550	2,601	2,681	4.8	7.1	6.7

Source: U.S. Dept. of Education, National Center for Education Statistics, *Digest of Education Statistics,* annual.

No. 229. Public Elementary and Secondary School Teachers—Selected Characteristics: 1976 to 1986

[**In percent, except median.** As of **spring.** Based on sample of all public school teachers and subject to sampling variability]

CHARACTERISTIC	1976		1981			1986				
	Elementary	Secondary	Elementary	Junior high [1]	Senior high	Elementary	Junior high [1]	Senior high	Male	Female
AGE										
18 to 24 years old	(NA)	(NA)	3.6	4.8	2.8	2.6	4.1	1.6	1.8	3.1
25 to 34 years old	(NA)	(NA)	40.0	40.8	35.6	27.3	18.6	20.6	16.6	26.1
35 to 44 years old	(NA)	(NA)	26.5	27.8	34.2	36.6	44.6	43.8	47.0	37.7
45 to 54 years old	(NA)	(NA)	19.9	17.9	18.6	21.7	21.3	23.2	23.1	21.7
55 to 64 years old	(NA)	(NA)	9.2	8.4	8.6	11.1	10.8	10.3	11.0	10.8
65 years old and over	(NA)	(NA)	.9	.3	.2	.7	.7	.5	.5	.7
Median [2] age	34	33	37	36	37	39	40	41	41	39
SEX										
Male	12.8	52.2	17.7	41.3	51.5	13.8	38.6	53.0	100.0	(X)
Female	87.2	47.8	82.3	58.7	48.5	86.2	61.4	47.0	(X)	100.0
RACE										
White	89.7	91.8	90.8	89.4	94.0	89.3	86.7	92.0	90.6	89.2
Black	9.6	6.6	8.4	10.3	5.3	6.2	10.2	5.6	6.3	7.2
Other	[3] .7	[3] 1.5	.8	.3	.7	4.5	3.1	2.4	3.0	3.7
EDUCATION										
With bachelor's degree	69.8	53.8	54.8	52.7	42.8	53.6	47.9	40.2	38.3	52.9
With master's or 6 year degree	29.3	44.5	44.7	47.3	56.1	45.9	50.7	58.5	60.4	46.2
Required to pass competency test	(NA)	(NA)	25.9	17.9	17.4	19.0	21.2	18.1	19.2	19.5
EXPERIENCE										
With teaching experience of—										
1–2 years	10.1	12.5	6.0	6.1	5.2	4.3	5.0	4.9	3.1	5.3
3–4 years	15.9	15.9	8.7	11.0	7.0	5.7	3.2	4.3	3.1	5.5
5–9 years	28.6	29.0	28.2	25.0	22.3	19.4	19.6	13.8	12.7	19.9
10–14 years	15.6	19.0	20.5	22.0	27.2	24.4	17.9	23.0	20.7	23.1
15–19 years	12.1	12.9	14.5	16.8	16.0	21.6	24.9	23.8	24.8	22.3
20 or more years	17.5	10.6	22.3	19.2	22.3	24.7	29.6	30.1	35.6	23.8
Median [2] years	8	8	11	11	12	14	16	15	17	14
Would [4] become a teacher again	71.3	56.3	52.8	39.1	42.2	54.6	41.4	46.6	39.4	53.4
Would not [4] become a teacher again	15.1	22.6	30.4	41.5	40.1	25.8	38.3	34.5	42.2	26.2

NA Not available. X Not applicable. [1] Includes middle schools. [2] For definition of median, see Guide to Tabular Presentation. [3] Does not include minorities of Spanish descent. [4] Includes certainly would (would not) and probably would (would not).

Source: National Education Association, Washington, DC, *Status of the American Public School Teacher, 1975–76, 1980–81,* and *1985–86.* (Copyright.)

No. 230. Public Elementary and Secondary Schools—Number and Average Salary of Classroom Teachers, 1960 to 1989, and by State, 1989

[Estimates for school year ending in **June** of year shown. Schools classified by type of organization rather than by grade-group; elementary includes kindergarten]

Year and State	Teachers [1] (1,000)			Avg. salary ($1,000)		
	Total	Elementary	Secondary	All teachers	Elementary	Secondary
1960	1,355	834	521	5.0	4.8	5.3
1970	2,008	1,109	899	8.6	8.4	8.9
1975	2,171	1,169	1,001	11.7	11.3	12.0
1978	2,189	1,173	1,017	14.2	13.9	14.6
1979	2,199	1,189	1,010	15.0	14.7	15.4
1980	2,211	1,206	1,005	16.0	15.6	16.5
1981	2,192	1,196	996	17.6	17.2	18.1
1982	2,158	1,200	959	19.3	18.9	19.8
1983	2,134	1,182	952	20.7	20.2	21.3
1984	2,142	1,187	956	21.9	21.5	22.6
1985	2,174	1,208	966	23.6	23.2	24.2
1986	2,213	1,239	974	25.2	24.7	25.9
1987	2,251	1,273	978	26.6	26.0	27.3
1988	2,283	1,306	977	28.0	27.4	28.8
1989, U.S	**2,309**	**1,332**	**976**	**29.6**	**28.9**	**30.3**
AL	38.1	20.0	18.1	25.2	25.2	25.2
AK	6.3	2.6	3.7	41.7	41.3	42.0
AZ	33.1	25.0	8.0	28.7	28.5	29.0
AR	25.5	12.6	12.9	21.7	21.0	22.4
CA	201.6	142.8	58.8	35.3	34.4	36.5
CO	31.4	15.8	15.6	29.6	28.8	30.3
CT	35.0	21.7	13.3	37.3	36.9	38.2
DE	5.9	2.9	3.0	31.6	30.6	32.6
DC	5.0	2.9	2.0	37.5	37.5	37.5
FL	100.3	55.5	44.8	26.6	27.0	25.8
GA	60.4	37.3	23.1	28.0	27.7	28.5
HI	9.1	5.1	4.0	30.8	30.8	30.8
ID	10.4	5.6	4.9	22.9	22.3	23.4
IL	102.7	69.4	33.3	31.2	29.9	33.8
IN	53.9	28.5	25.3	28.7	28.0	29.4
IA	30.0	14.5	15.6	25.9	24.8	26.8
KS	28.1	16.2	11.9	27.4	27.4	27.4
KY	35.7	24.1	11.7	24.9	24.3	26.2
LA	43.7	29.8	13.9	22.5	22.1	23.2
ME	13.9	9.0	4.8	24.9	24.4	25.9
MD	40.5	21.3	19.3	33.7	32.8	34.8
MA	59.1	23.1	36.1	31.7	28.4	32.1
MI	77.8	51.5	26.3	34.4	34.4	34.4
MN	43.0	22.5	20.5	31.5	30.9	32.1
MS	27.5	15.4	12.1	22.0	21.7	22.5
MO	50.7	25.8	24.8	26.0	25.1	26.9
MT	9.6	6.5	3.0	24.4	23.8	25.7
NE	17.9	10.0	7.9	24.2	23.6	24.8
NV	8.7	4.8	3.9	28.8	28.0	29.9
NH	10.4	6.9	3.6	26.7	26.7	26.7
NJ	79.1	47.1	32.1	32.9	32.3	33.9
NM	15.3	10.5	4.8	25.2	25.0	25.7
NY	177.3	86.0	91.3	36.5	34.0	37.9
NC	61.8	36.7	25.1	25.7	25.5	25.8
ND	7.7	5.0	2.7	22.2	22.1	22.5
OH	100.7	55.4	45.2	29.2	28.9	30.7
OK	34.4	17.6	16.8	22.0	21.5	22.5
OR	25.1	15.0	10.1	29.5	28.9	30.3
PA	102.4	50.0	52.5	30.7	30.3	31.1
RI	8.9	4.8	4.1	34.2	34.8	33.6
SC	34.9	22.7	12.2	25.1	24.5	26.1
SD	8.4	5.5	2.9	20.5	20.5	20.5
TN	43.3	27.0	16.3	25.6	25.6	25.7
TX	191.7	102.6	89.2	26.5	26.0	27.1
UT	18.5	12.0	6.4	23.0	22.5	24.1
VT	6.7	3.4	3.3	26.9	26.2	27.4
VA	61.5	36.1	25.4	29.1	28.2	30.2
WA	38.8	22.1	16.7	29.2	28.6	29.9
WV	22.1	12.8	9.3	21.9	21.5	22.5
WI	48.5	28.6	20.0	31.0	30.3	32.2
WY	6.5	2.8	3.7	27.7	27.6	28.0

[1] Full-time equivalent.

Source: National Education Association, Washington, DC, *Estimates of School Statistics, 1988-89* and earlier issues. (Copyright © by the National Education Association. All rights reserved.)

No. 231. Average Starting Salaries of Public School Teachers Compared With Salaries in Private Industry, by Selected Position: 1975 to 1989

[Except as noted, salaries represent what corporations plan to offer graduates graduating in the year shown with bachelors' degrees. Based on a survey of approximately 200 companies]

Item and position	1975	1980	1982	1983	1984	1985	1986	1987	1988	1989
Salaries (dollars)										
Teachers [1]	8,233	10,764	12,769	13,366	14,500	15,460	16,500	17,500	19,400	(NA)
College graduates:										
Engineering	12,744	20,136	25,428	25,800	26,844	26,880	28,512	28,932	29,656	30,600
Accounting	11,880	15,720	18,648	19,476	20,172	20,628	21,216	22,512	25,140	26,568
Sales—marketing	10,344	15,936	18,372	18,648	19,620	20,616	20,688	20,232	23,484	25,572
Business administration	9,768	14,100	17,448	18,564	19,416	19,896	21,324	21,972	23,880	24,372
Liberal arts [2]	9,312	13,296	15,924	18,264	19,344	18,828	21,060	20,508	23,508	24,348
Chemistry	11,904	17,124	21,492	22,344	24,192	24,216	24,264	27,048	27,108	28,488
Mathematics—statistics	10,980	17,604	21,516	21,696	22,416	22,704	23,976	25,548	25,548	26,340
Economics—finance	10,212	14,472	17,532	19,740	20,484	20,964	22,284	21,984	23,928	25,332
Computer science	(NA)	17,712	22,260	23,208	24,864	24,156	26,172	26,280	26,904	27,756
Index (1975=100)										
Teachers [1]	100	131	155	162	176	187	200	213	236	(NA)
College graduates:										
Engineering	100	158	200	202	211	211	224	227	234	240
Accounting	100	132	157	164	170	174	179	189	212	224
Sales—marketing	100	154	178	180	190	199	200	196	227	247
Business administration	100	144	179	190	199	204	218	225	244	249
Liberal arts [2]	100	143	171	196	208	202	226	220	252	261
Chemistry	100	144	181	188	203	203	204	227	228	239
Mathematics—statistics	100	160	196	198	204	207	218	233	233	240
Economics—finance	100	142	172	193	201	205	218	215	234	248
Computer science [3]	(NA)	125	157	164	176	171	185	186	190	195

NA Not available. [1] Estimate. Minimum mean salary. Source: National Education Association, Washington, DC, unpublished data. [2] Excludes Chemistry, Mathematics, Economics and Computer Science. [3] Computer science index (1978=100).

Source: Except as noted, Northwestern University Placement Center, Evanston, IL, *The Northwestern Lindquist-Endicott Report.* (Copyright.)

No. 232. Average Salary and Wages Paid in Public School Systems, by Selected Positions: 1975 to 1989

[**In dollars.** For school year ending in year shown. Data reported by a stratified sample of school systems enrolling 300 or more pupils. Data represent unweighted means of average salaries paid school personnel reported by each school system]

POSITION	1975	1980	1983	1984	1985	1986	1987	1988	1989
ANNUAL SALARY									
Central office administrators:									
Superintendent (contract salary)	30,338	39,344	50,260	52,483	56,954	60,707	64,580	68,147	71,190
Deputy/assoc. superintendent	30,074	37,440	47,404	48,507	52,877	57,190	60,222	63,872	66,214
Assistant superintendent	26,460	33,452	42,194	43,983	48,003	51,209	53,656	56,894	59,655
Administrators for:									
Finance and business	21,850	27,147	34,987	36,909	40,344	43,200	45,259	47,330	49,933
Instructional services	22,608	29,790	38,018	39,580	43,452	46,110	48,810	50,838	53,716
Public relations/information	21,470	24,021	30,720	32,203	35,287	37,329	38,925	41,305	43,402
Staff personnel services	21,470	29,623	38,201	39,857	44,182	46,269	48,627	51,421	53,972
Subject area supervisors	18,601	23,974	30,905	31,537	34,422	36,797	38,763	41,086	43,555
School building administrators:									
Principals:									
Elementary	19,061	25,165	32,451	34,033	36,452	39,024	41,536	43,664	45,909
Junior high/middle	21,136	27,625	34,996	36,779	39,650	42,365	44,861	47,078	49,427
Senior high	22,894	29,207	37,602	39,334	42,094	44,986	47,896	50,512	52,987
Assistant principals:									
Elementary	15,968	20,708	27,419	28,087	30,496	32,895	34,347	36,364	38,360
Junior high/middle	17,868	23,507	29,746	31,257	33,793	36,094	37,958	40,093	42,292
Senior high	18,939	24,816	31,252	32,655	35,491	37,616	39,758	41,839	44,002
Classroom teachers	11,507	15,913	20,809	22,039	23,587	25,276	26,731	28,230	29,608
Auxiliary professional personnel:									
Counselors	14,479	18,847	24,547	25,759	27,593	29,388	31,132	32,896	34,244
Librarians	12,546	16,764	22,040	23,173	24,981	26,668	28,390	30,046	31,645
School nurses	10,673	13,788	17,630	18,310	19,944	21,339	22,219	23,692	24,804
Secretarial/clerical personnel:									
Central office:									
Secretaries/stenographers	7,318	10,331	13,639	14,366	15,343	16,383	17,182	18,220	19,045
Accounting/payroll clerks	7,588	10,479	13,676	14,522	15,421	16,604	17,273	18,229	19,143
Clerk-typists	6,089	8,359	10,930	11,561	12,481	13,208	13,729	14,651	15,192
School building level:									
Secretaries/stenographers	6,046	8,348	11,004	11,613	12,504	13,233	13,947	14,749	15,364
Library clerks	5,052	6,778	8,467	8,989	9,911	10,412	10,641	11,234	11,751
HOURLY WAGE RATE									
Other support personnel:									
Teacher aides:									
Instructional	2.91	4.06	5.28	5.48	5.89	6.20	6.43	6.72	7.05
Noninstructional	2.81	3.89	5.01	5.22	5.60	5.91	6.14	6.45	6.69
Custodians	3.54	4.88	6.23	6.49	6.90	7.28	7.51	7.82	8.19
Cafeteria workers	2.61	3.78	4.87	5.09	5.42	5.76	5.92	6.23	6.56
Bus drivers	3.75	5.21	6.56	6.89	7.27	7.72	8.06	8.31	8.78

Source: Educational Research Service, Arlington, VA, *National Survey of Salaries and Wages in Public Schools*, annual, vols. 2 and 3. (All rights reserved. Copyright.)

No. 233. Public School Employment, by Occupation, Sex, and Race: 1982 and 1986

[**In thousands.** Covers full-time employment. 1982 excludes Hawaii, District of Columbia, and New Jersey. Based on sample survey of school districts with 250 or more students. 1986 based on sample survey of school districts with 100 or more employees; see source for sampling variability]

OCCUPATION	1982					1986				
	Total	Male	Female	White [1]	Black [1]	Total	Male	Female	White [1]	Black [1]
All occupations	**3,082**	**1,063**	**2,019**	**2,498**	**432**	**2,773**	**875**	**1,898**	**2,257**	**367**
Officials, administrators	41	31	10	36	3	39	28	11	34	3
Principals and assistant principals	90	72	19	76	11	79	58	21	66	10
Classroom teachers [2]	1,680	534	1,146	1,435	186	1,546	464	1,081	1,329	159
Elementary schools	798	129	669	667	98	748	112	635	628	86
Secondary schools	706	363	343	619	67	632	313	320	560	54
Other professional staff	235	91	144	193	35	192	55	136	162	22
Teachers aides [3]	215	14	200	146	45	244	38	206	161	50
Clerical, secretarial staff	210	4	206	177	19	191	6	185	160	18
Service workers [4]	611	316	295	434	132	482	227	256	344	105

[1] Excludes individuals of Hispanic origin. [2] Includes other classroom teachers, not shown separately. [3] Includes technicians. [4] Includes craftworkers and laborers.

Source: U.S. Equal Employment Opportunity Commission, *Elementary-Secondary Staff Information (EEO-5)*, biennial.

No. 234. Public Elementary and Secondary School Price Indexes: 1975 to 1988

[1983=100. For years ending June 30. Reflects prices paid by public elementary-secondary schools. For explanation of average annual percent change, see Guide to Tabular Presentation]

Year	Index, total	Average annual percent change [1]	Personnel compensation: Total	Personnel compensation: Professional salaries	Personnel compensation: Nonprofessional salaries	Personnel compensation: Fringe benefits	Contracted services, supplies, and equipment: Total	Services	Supplies and materials	Equipment replacement	Library materials and textbooks	Utilities	Fixed costs
1975	51.6	(x)	52.0	56.0	55.6	32.6	50.3	55.7	58.0	53.7	53.8	35.9	43.3
1976	56.1	8.6	56.4	60.2	59.7	38.3	54.9	59.5	62.5	58.9	60.6	39.9	48.8
1977	59.9	6.8	60.2	63.4	63.2	44.6	59.0	63.4	65.4	62.3	64.7	44.3	55.2
1978	64.0	6.9	64.1	67.2	67.6	48.5	63.6	67.6	69.2	66.7	72.1	48.4	61.6
1979	69.9	9.2	69.9	71.9	72.3	59.9	69.8	71.5	75.8	72.2	76.7	56.2	69.2
1980	76.3	9.1	75.4	76.7	77.8	68.2	79.5	77.4	85.9	79.6	82.1	73.2	77.3
1981	85.5	12.2	84.3	85.1	85.9	79.3	90.4	85.7	95.7	88.0	86.9	92.8	86.7
1982	93.8	9.7	92.8	92.8	94.4	91.2	97.8	94.6	101.1	95.5	91.6	102.2	94.3
1983	100.0	6.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1984	105.9	5.9	106.5	105.7	104.5	111.3	103.6	106.2	102.2	103.0	107.3	98.2	107.3
1985	113.4	7.1	115.2	113.4	111.3	126.1	106.6	112.3	103.5	105.6	113.0	96.5	113.1
1986	120.0	5.8	123.2	121.4	117.6	135.8	107.8	118.8	102.5	108.7	119.0	88.3	118.5
1987	125.7	4.8	129.9	128.3	121.9	143.6	109.8	122.8	103.9	111.3	126.8	83.2	124.6
1988	132.2	5.2	137.3	135.5	127.5	153.1	113.1	125.3	109.8	111.3	140.8	78.6	130.7

X Not applicable. [1] Change from immediate prior year shown.

Source: Research Associates of Washington, Washington, DC, *School Price Index*, annual.

No. 235. Finances of Public School Systems, 1980 to 1986, and by Enrollment-Size Group, 1986

[In millions of dollars, except percent. Data are estimates subject to sampling variability. For details, see source. Minus sign (−) indicates decrease. See also Appendix III]

Item	1980, all school systems	1985, all school systems	1986, by enrollment-size group: All school systems: Total	All school systems: Percent change [1]	50,000 or more	25,000 to 49,999	15,000 to 24,999	7,500 to 14,999	Under 7,500
General revenue [2]	**101,970**	**145,375**	**157,979**	**8.7**	**29,308**	**14,575**	**13,522**	**24,085**	**76,488**
Intergovernmental	56,279	78,218	85,932	9.9	16,382	8,484	7,932	13,597	39,536
From Federal government	1,645	1,373	1,460	6.0	286	118	107	248	701
From States	53,088	74,785	82,144	9.8	15,916	8,143	7,611	13,048	37,426
Federal aid distributed by State governments	7,459	7,548	8,197	8.6	2,006	783	675	1,150	3,583
From local governments	1,547	2,060	2,328	13.0	181	223	215	301	1,408
From own sources	45,692	67,157	72,047	7.3	12,926	6,090	5,589	10,488	36,954
Taxes	29,212	44,750	48,002	7.3	6,202	4,025	3,686	6,978	27,111
Property	28,089	43,539	46,739	7.4	5,892	3,916	3,619	6,798	26,514
Contribution from parent government	8,809	11,404	12,650	10.9	5,228	915	759	1,617	4,131
Charges and miscellaneous	7,670	11,003	11,395	3.6	1,496	1,151	1,144	1,893	5,711
Current charges	4,417	6,181	6,582	6.5	782	656	731	1,145	3,268
School lunch sales	2,003	2,604	2,782	6.8	376	270	247	457	1,432
Interest earnings	1,764	2,691	2,541	−5.6	349	229	217	388	1,358
Other	1,489	2,132	2,272	6.6	366	266	197	360	1,083
General expenditure [2]	**100,532**	**142,251**	**156,277**	**9.9**	**28,366**	**14,445**	**13,439**	**23,850**	**76,177**
Intergovernmental	470	381	389	2.1	29	5	10	51	294
Direct	100,063	141,871	155,888	9.9	28,338	14,440	13,430	23,799	75,881
Current operation	90,589	130,666	142,776	9.3	26,351	13,171	12,207	21,710	69,337
Salaries and wages	61,944	88,512	96,536	9.1	18,420	9,271	8,474	14,920	45,451
Capital outlay	7,517	8,684	10,343	19.1	1,653	965	963	1,639	5,123
Construction	5,226	5,181	6,318	22.0	932	619	579	1,063	3,125
Interest on debt	1,957	2,520	2,770	9.9	334	304	260	450	1,422
Direct expenditure [3] by level of instruction:									
Elementary and secondary	92,113	131,308	144,513	10.1	27,073	12,925	11,664	21,595	71,256
Higher education	5,993	8,043	8,605	7.0	931	1,211	1,505	1,753	3,205
Debt outstanding [4]	**36,685**	**36,799**	**39,588**	**7.6**	**5,197**	**4,253**	**3,805**	**6,474**	**19,859**
Long-term	35,405	34,994	37,686	7.7	5,124	4,090	3,679	6,139	18,654
Short-term	1,280	1,805	1,903	5.4	73	163	125	335	1,207
Long-term debt issued	2,961	6,054	8,345	37.8	1,709	968	834	1,279	3,555
Long-term debt retired	2,997	5,536	6,140	10.9	1,399	616	592	760	2,773
Cash, security holdings, excl. employee-retirement [3]	16,733	27,902	29,615	6.1	4,994	2,945	2,673	4,606	14,397

[1] Change from 1985. [2] Excludes interschool system transactions. [3] For current operation and capital outlay. [4] As of end of fiscal year.

Source: U.S. Bureau of the Census, *Finances of Public School Systems*, series GF, No. 10, annual.

No. 236. Public Elementary and Secondary School Estimated Finances, 1970 to 1989, and by State, 1989

[In millions of dollars, except as noted. For school years ending in June of year shown]

Year and state	Receipts: Total	Revenue receipts: Total	Source: Federal	Source: State	Source: Local	Non-revenue receipts [1]	Expenditures: Total [2]	Per capita [3] (dol.)	Current expenditures: Elem. and secondary day schools	Average per pupil in ADA [4]: Amount (dol.)	Average per pupil in ADA [4]: Rank	Capital outlay
1970	41,621	38,192	2,767	15,628	19,797	3,429	39,091	194	32,683	773	(x)	4,158
1975	66,319	63,047	5,089	27,472	30,486	3,273	62,340	292	53,333	1,286	(x)	5,409
1980	101,724	97,635	9,020	47,929	40,686	4,089	96,105	428	85,661	2,230	(x)	6,504
1982	117,776	113,999	8,419	54,573	51,007	3,777	113,005	492	102,048	2,753	(x)	6,404
1983	125,446	120,778	8,695	57,587	54,496	4,668	119,159	509	108,773	2,960	(x)	6,131
1984	133,539	129,057	8,967	61,657	58,434	4,482	127,014	542	116,295	3,185	(x)	6,373
1985	146,920	140,957	9,524	69,070	62,363	5,963	139,322	589	127,179	3,481	(x)	7,530
1986	160,991	153,696	10,354	75,931	67,411	7,295	152,077	637	138,043	3,768	(x)	8,999
1987	170,689	163,798	10,510	81,650	71,638	6,891	162,795	675	147,390	3,988	(x)	10,086
1988	182,145	174,219	11,190	87,093	75,936	7,926	173,981	715	157,656	4,257	(x)	10,680
1989, total	**192,976**	**185,122**	**11,646**	**93,018**	**80,458**	**7,854**	**185,953**	**757**	**167,931**	**4,509**	**(x)**	**12,027**
Alabama	2,240	2,130	250	1,520	360	110	2,221	541	2,001	2,915	48	180
Alaska	779	693	62	441	190	86	872	1,664	711	7,134	4	72
Arizona	2,707	2,338	92	1,186	1,061	369	2,896	830	2,147	3,904	33	619
Arkansas	1,382	1,358	127	827	405	23	1,236	516	1,110	2,698	50	89
California	21,686	21,551	1,593	14,898	5,060	135	20,647	729	18,598	4,075	29	1,152
Colorado	2,703	2,674	128	1,031	1,516	29	2,598	787	2,385	4,633	17	121
Connecticut	3,316	3,315	133	1,514	1,668	1	3,316	1,026	3,128	7,199	3	119
Delaware	536	522	42	355	125	14	516	782	488	5,506	9	14
District of Columbia	506	506	53	-	452	-	517	838	452	5,827	6	8
Florida	9,139	8,512	532	4,576	3,403	628	8,480	687	7,380	4,487	21	1,000
Georgia	4,531	4,521	321	2,699	1,501	9	4,681	738	4,288	4,143	27	330
Hawaii	724	724	58	666	1	-	686	625	631	4,034	30	33
Idaho	669	656	46	395	216	12	659	657	594	2,946	47	53
Illinois	8,734	8,155	665	2,990	4,500	578	7,758	668	7,059	4,513	20	340
Indiana	3,919	3,840	156	2,328	1,356	79	3,815	687	3,382	3,858	36	363
Iowa	2,054	1,975	111	911	953	79	2,046	722	1,926	4,289	25	103
Kansas	1,948	1,904	102	823	980	44	1,900	762	1,690	4,404	22	122
Kentucky	2,425	2,220	221	1,552	446	205	2,289	614	2,098	3,655	40	135
Louisiana	2,694	2,483	300	1,368	815	211	2,668	605	2,371	3,352	43	186
Maine	1,024	994	68	532	394	30	1,024	850	957	4,845	14	42
Maryland	3,753	3,730	195	1,469	2,066	23	3,713	803	3,399	5,391	11	238
Massachusetts	4,483	4,479	219	2,020	2,239	4	4,415	750	4,149	5,818	7	197
Michigan	7,430	7,282	286	2,642	4,355	148	7,315	792	6,692	4,576	19	287
Minnesota	3,613	3,503	152	1,966	1,385	110	3,557	826	3,145	4,577	18	252
Mississippi	1,599	1,488	224	810	454	110	1,535	586	1,395	2,846	49	79
Missouri	3,512	3,402	186	1,381	1,836	110	3,141	611	2,793	3,838	38	250
Montana	727	712	59	346	307	15	666	827	593	4,259	26	55
Nebraska	1,041	1,015	53	249	713	26	1,006	628	947	3,732	39	39
Nevada	724	720	31	283	406	4	752	713	636	3,974	32	86
New Hampshire	846	724	21	51	652	122	743	685	661	4,334	24	72
New Jersey	8,158	8,053	321	3,510	4,223	105	7,765	1,006	7,538	7,571	1	74
New Mexico	1,129	1,091	134	828	129	38	1,219	809	996	4,034	30	167
New York	18,522	17,872	900	7,987	8,985	650	17,742	991	16,701	7,338	2	675
North Carolina	4,241	4,215	289	2,680	1,246	26	4,144	639	3,909	3,872	35	215
North Dakota	450	435	31	224	180	15	427	640	390	3,447	42	30
Ohio	7,526	7,050	354	3,370	3,326	476	7,506	691	6,800	4,138	28	490
Oklahoma	1,940	1,810	170	1,130	510	130	1,964	606	1,745	3,212	46	165
Oregon	2,225	2,194	137	585	1,472	32	2,197	794	2,050	4,818	15	104
Pennsylvania	10,371	9,371	420	4,364	4,588	1,000	9,260	772	8,404	5,621	8	307
Rhode Island	761	761	31	347	384	(z)	743	748	728	5,939	5	8
South Carolina	2,451	2,292	184	1,248	860	159	2,266	653	1,993	3,465	41	181
South Dakota	464	445	39	125	281	19	441	619	398	3,329	44	24
Tennessee	2,840	2,646	254	1,316	1,077	194	2,697	551	2,536	3,305	45	70
Texas	14,577	13,237	1,061	5,745	6,431	1,339	13,568	806	11,633	3,842	37	1,420
Utah	1,207	1,194	74	676	444	13	1,188	703	1,042	2,574	51	82
Vermont	515	502	29	208	265	13	486	873	445	5,057	13	18
Virginia	4,681	4,591	216	1,588	2,787	89	4,808	799	4,351	4,744	16	329
Washington	3,739	3,609	213	2,629	767	129	4,171	897	3,199	4,339	23	788
West Virginia	1,326	1,324	115	839	370	2	1,304	695	1,209	3,879	34	53
Wisconsin	3,843	3,752	165	1,507	2,079	91	3,843	792	3,560	5,117	12	159
Wyoming	570	550	25	285	240	20	552	1,152	500	5,462	10	35

Represents zero. X Not applicable. Z Less than $500,000. [1] Amount received by local education agencies from the sales of bonds and real property and equipment, loans and proceeds from insurance adjustments. [2] Includes interest on school debt and other current expenditures not shown separately. [3] Based on Bureau of the Census estimated resident population, as of July 1, the previous year. [4] Average daily attendance.

Source: National Education Association, Washington, DC, *Estimates of School Statistics*, annual (copyright), and unpublished data.

No. 237. Instructional Use of Computers in Elementary and Secondary Schools, 1985 and 1989, and by Level, 1989

[Includes microcomputers and terminals used by students or teachers. Based on stratified, probability sample of 1,416 public, private, and parochial schools surveyed in spring 1989]

Item	Unit	Total, 1985	1989, by school level [1]			
			Total [2]	Elementary	Middle grades	High school
ALL SCHOOLS						
Computers used for instruction	1,000	1,034	2,355	897	583	895
Schools using computers	Percent	86	96	96	95	98
Schools with 15 or more computers	Percent	24	57	49	60	68
SCHOOLS USING COMPUTERS FOR INSTRUCTION						
Mean number of computers	Number	10	26	19	26	45
Median [3]	Number	8	19	16	20	31
Students per computer, median [3]	Number	42	20	23	18	14
Percent of all instructional computers in:						
Classrooms	Percent	37	36	43	28	32
Computer labs	Percent	49	50	42	58	55
Other locations	Percent	14	14	15	14	13
Percent of all instructional computers:						
Used usually every day	Percent	(NA)	71	67	68	77
Used less than every week for instruction or not used at all	Percent	(NA)	10	10	11	9
Hours of use per week (in rooms with greatest number of computers), median [3]	Number	17	20	20	20	22
Percent of all student computer use: [4]						
Learning math	Percent	(NA)	14	19	12	8
Word processing (how to use)	Percent	(NA)	14	12	14	15
Keyboarding (how to)	Percent	(NA)	13	13	15	12
Learning English	Percent	(NA)	13	18	11	8
Programming	Percent	(NA)	8	4	9	12
Recreational use	Percent	(NA)	8	10	9	5
Tools, e.g., spreadsheets	Percent	(NA)	7	4	8	11
Learning science	Percent	(NA)	6	7	7	6
Learning social studies	Percent	(NA)	5	8	5	3
Business education [5]	Percent	(NA)	5	2	4	10
Industrial arts	Percent	(NA)	3	1	3	5
Fine arts	Percent	(NA)	2	2	2	2
Learning foreign languages	Percent	(NA)	1	1	2	2
Other	Percent	(NA)	1	1	1	1

NA Not available. [1] Schools encompassing more than one level are apportioned among the appropriate levels rather than included more than once. [2] 1989 data do not include schools that have only students below grade 4. [3] For definition of median, see Guide to Tabular Presentation. [4] Estimates supplied by each school's most informed computer-using teacher. [5] Other than keyboarding or word processing instruction.

Source: Center for Social Organization of Schools, Johns Hopkins University, Baltimore, MD, International Computers-in-Education Survey, International Association for the Evaluation of Educational Achievement (I.E.A.), unpublished data.

No. 238. Microcomputers for Student Instruction in Elementary and Secondary Schools: 1981 to 1988

[**As of fall for public schools; as of mid-winter of the previous year for private schools.** Public school data based on surveys of every school district and all public schools. Private school data based on surveys of all Catholic and private schools. For details, see source]

Year	Public schools										Private schools			
	Number of schools (1,000)				Percent with micros				Number of micros [2] (1,000)	Students per micro [3]	Number of schools (1,000)	Percent with micros	Number of micros [2] (1,000)	Students per micro [3]
	Total [1]	Elementary	Junior	Senior	Total	Elementary	Junior	Senior						
1981	84.2	53.3	10.1	15.6	18.2	11.1	25.6	42.7	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1982	82.4	51.9	9.9	15.3	30.0	20.2	39.8	57.8	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1983	81.5	51.3	9.8	15.2	68.4	62.4	80.5	86.1	324.4	92.3	22.8	23.8	(NA)	(NA)
1984	81.1	51.0	9.8	15.2	85.1	82.2	93.1	94.6	569.8	63.5	24.4	53.0	62.2	56.2
1985	80.8	50.8	9.7	15.1	92.2	91.0	97.3	97.4	842.6	45.5	23.4	70.3	101.2	41.6
1986	80.5	50.7	9.7	15.1	95.6	94.9	98.5	98.7	1,081.9	36.5	22.7	77.1	129.2	33.7
1987	80.6	50.9	9.7	15.0	96.4	96.0	98.6	99.0	1,354.0	30.8	22.7	78.7	151.1	28.8
1988	80.8	51.0	9.8	15.0	97.1	96.8	98.8	99.1	1,522.9	26.9	22.3	82.8	185.5	23.5
Number of micros [2]	1,522.9	651.9	252.4	498.8	(X)	(X)	(X)	(X)	(X)	(X)	185.5	(X)	(X)	(X)
Students per micro [3]	26.9	32.4	23.8	22.8	(X)	(X)	(X)	(X)	(X)	(X)	23.5	(X)	(X)	(X)

NA Not available. X Not applicable. [1] Includes other schools, not shown separately. [2] Includes estimates for schools not reporting number of micros. [3] For schools reporting number of micros.

Source: Market Data Retrieval, Shelton, CT, *Microcomputers in Schools, 1986-87,* (copyright), and unpublished data.

No. 239. Handicapped Children and Youth in Educational Programs for the Handicapped, by Type of Handicap: 1979 to 1988

[For school year ending in year shown. **For persons under 22 years old, except as noted.** Represents children under 20 served under Chapter 1 of the Education and Consolidation Improvement Act (ECIA), State Operated Programs (SOP), and children 3 to 21 served under Education for the Handicapped, Part B (EHA-B). Excludes outlying areas]

ITEM	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988 [1]
All conditions (1,000)	**3,889**	**4,005**	**4,142**	**4,198**	**4,255**	**4,298**	**4,315**	**4,317**	**4,374**	**4,063**
PERCENT DISTRIBUTION										
Learning disabled	29.1	31.9	35.3	38.6	40.9	42.0	42.4	43.1	43.6	47.0
Speech impaired	31.2	29.6	28.2	27.0	26.6	26.2	26.1	26.1	25.8	23.2
Mentally retarded	23.2	21.7	20.0	18.7	17.8	16.9	16.1	15.3	15.0	14.6
Emotionally disturbed	7.7	8.2	8.4	8.1	8.3	8.4	8.6	8.7	8.7	9.1
Hard of hearing and deaf	2.2	2.0	1.9	1.8	1.7	1.7	1.6	1.5	1.5	1.4
Orthopedically handicapped	1.8	1.6	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.1
Other health impaired	2.7	2.6	2.4	1.9	1.2	1.2	1.6	1.3	1.2	1.1
Visually handicapped	.8	.8	.8	.7	.7	.7	.7	.6	1.6	.6
Multihandicapped	1.3	1.5	1.6	1.7	1.5	1.5	1.6	2.0	2.2	1.9
Deaf-blind	.1	.1	.1	.1	.1	.1	.1	(z)	(z)	(z)

Z Less than .05 percent. [1] For children 6 to 21 years old; total number of children served under 22 years old is 4,445,895.

Source: U.S. Dept. of Education, Office of Special Education Programs, *Annual Report to Congress.*

No. 240. Handicapped Children and Youth 3 to 21 Years Old, by Age and Educational Environment: 1986

[For school year ending in year shown. Covers children 3 to 21 served under Chapter 1 of ECIA (SOP) and EHA-B; see headnote, table 239. Includes 2,351 children in Puerto Rico, American Samoa, and Guam and 2,177 served through the Bureau of Indian Affairs]

ENVIRONMENT	NUMBER (1,000)					PERCENT DISTRIBUTION			
	Total	3-5 years old	6-11 years old	12-17 years old	18-21 years old	3-5 years old	6-11 years old	12-17 years old	18-21 years old
Total	**4,326.5**	**296.6**	**2,025.1**	**1,777.9**	**226.9**	**100.0**	**100.0**	**100.0**	**100.0**
Regular class [1]	1,135.3	109.4	726.6	277.4	21.9	36.9	35.9	15.6	9.7
Resource room [2]	1,791.2	58.7	807.1	850.0	75.4	19.8	39.9	47.8	33.3
Separate class [3]	1,059.7	78.5	408.3	500.3	72.6	26.5	20.2	28.1	32.0
Separate school facility:									
Public	164.2	22.8	41.0	71.9	28.5	7.7	2.0	4.0	12.5
Private	71.1	18.6	22.2	23.8	6.5	6.3	1.1	1.3	2.9
Separate residential facility:									
Public	41.9	3.7	9.5	18.0	10.7	1.2	.5	1.0	4.7
Private	15.8	.3	3.4	9.6	2.5	.1	.2	.5	1.1
Correctional facility	13.2	(z)	.2	7.9	5.1	(z)	(z)	.5	2.2
Home/hospital	34.1	4.6	6.8	19.0	3.7	1.6	.3	1.1	1.6

Z Rounds to zero. [1] Receives special education and related services less than 21 percent of the school day. [2] Receives services between 21 and 60 percent of the school day. [3] Receives services for more than 60 percent of the school day.

Source: U.S. Dept. of Education, Office of Special Programs, *Tenth Annual Report to Congress.*

No. 241. Catholic Elementary and Secondary Schools: 1960 to 1988

[As of **October 1.** Regular sessions only. See also *Historical Statistics, Colonial Times to 1970,* series H 535-544]

ITEM	Unit	1960	1970	1975	1980	1983	1984	1985	1986	1987	1988
Elementary schools	Number	10,501	9,362	8,340	8,043	7,937	7,891	7,806	7,693	7,601	7,505
Pupils enrolled	1,000	4,373	3,359	2,525	2,269	2,180	2,120	2,057	1,998	1,942	1,912
Teachers, total	1,000	108	112	99	97	99	100	97	94	93	93
Religious	1,000	79	52	35	25	21	20	18	17	15	14
Lay	1,000	29	60	64	72	78	80	79	77	78	79
Secondary schools	Number	2,392	1,981	1,653	1,516	1,464	1,449	1,430	1,409	1,391	1,362
Pupils enrolled	1,000	880	1,008	890	837	788	782	762	728	681	639
Teachers, total	1,000	44	54	50	49	48	50	50	48	47	44
Religious	1,000	33	28	20	14	12	12	11	10	10	8
Lay	1,000	11	26	30	35	36	38	39	38	37	36

Source: National Catholic Educational Association, Washington, DC, *A Statistical Report on Catholic Elementary and Secondary Schools for the Years 1967-68 to 1969-70,* and *U.S. Catholic Schools, 1973-74,* and National Catholic Educational Association/Ganley's, *Catholic Schools in America,* annual. (Copyright.)

No. 242. Characteristics of Private Elementary and Secondary Schools and Teachers, by Level and Affiliation of School: 1986

[**For school year ending in year shown.** Based on survey and subject to sampling error; for details, see source. For similar data on public school teachers, see table 229]

Item	Total	Level of School				Religious affiliation		
		Elementary	Secondary	Combined	Other	Catholic	Other	None
Number of schools	**25,616**	**15,303**	**2,438**	**4,949**	**2,926**	**9,911**	**10,771**	**4,934**
PERCENT DISTRIBUTION								
Years in operation:								
10 years or less	25.5	20.2	9.9	41.4	39.2	1.7	45.2	30.2
25 years or more	50.3	63.3	62.6	21.9	20.0	84.1	29.3	28.2
Minority enrollment:								
Less than 5 percent	38.9	45.1	27.8	37.1	18.7	45.8	40.5	21.6
5 to 14 percent	22.4	19.8	36.1	23.4	22.9	20.4	20.9	29.4
15 to 24 percent	10.6	7.7	14.4	11.6	21.1	8.9	12.7	9.8
25 to 49 percent	10.0	7.8	11.8	5.1	28.6	7.2	8.4	19.3
50 to 89 percent	9.9	9.2	4.4	18.2	4.6	6.3	12.1	12.7
90 percent or more	8.1	10.4	5.4	4.6	4.1	11.5	5.4	7.1
Annual tuition:								
Less than $500	13.0	18.8	4.8	5.4	1.1	25.6	6.3	1.1
$500 to $1,000	27.9	35.1	4.4	29.6	5.0	37.1	30.8	1.0
$1,001 to $1,500	26.4	29.1	34.4	22.7	9.3	25.7	30.7	17.6
$1,501 to $2,500	14.6	8.3	28.7	18.0	31.8	7.7	20.4	16.0
More than $2,500	18.2	8.8	27.8	24.4	52.9	3.9	11.9	64.3
Mean enrollment	**234**	**218**	**541**	**211**	**94**	**363**	**142**	**174**
Number of teachers [1] (1,000)	**404**	**190**	**83**	**96**	**35**	**185**	**127**	**92**
PERCENT DISTRIBUTION								
Age: Under 30	24.0	25.2	18.0	22.3	36.3	21.9	27.2	23.7
30 to 39 years old	37.6	36.2	39.2	38.1	40.4	36.7	37.8	39.2
40 to 49 years old	23.2	23.2	25.0	25.5	13.0	23.6	21.8	24.6
50 to 59 years old	10.5	10.3	12.3	10.5	7.9	11.8	9.6	9.5
60 years old and over	4.6	5.1	5.6	3.6	2.4	6.0	3.6	3.1
Sex: Male	24.1	10.3	48.6	29.9	25.4	(NA)	(NA)	(NA)
Female	75.9	89.7	51.5	70.1	74.6	(NA)	(NA)	(NA)
Race:								
White, non-Hispanic	92.2	91.1	95.0	92.6	91.1	93.5	91.9	90.2
Black, non-Hispanic	3.8	4.8	1.4	3.3	5.0	2.5	4.0	5.9
Hispanic	2.9	2.9	2.9	3.3	2.4	3.4	2.9	2.2
Education: Bachelor's	64.0	74.1	48.5	58.0	62.5	66.7	63.6	59.3
Master's	29.4	19.8	48.6	32.0	29.9	29.5	26.4	33.6
Experience:								
Less than 5 years	24.8	25.2	18.6	23.7	40.6	20.8	27.5	29.4
5 to 9 years	27.0	27.7	22.6	29.2	27.5	24.5	30.7	26.8
10 years or more	48.2	47.1	58.8	47.1	31.9	54.8	41.8	43.8
Average salary: [2]								
Base salary	$14,400	$12,900	$17,100	$14,900	$14,900	$13,900	$13,600	$16,500
Earned income	$15,600	$13,700	$19,000	$16,500	$16,600	$15,100	$14,800	$18,000

NA Not available. [1] Full- and part-time. [2] Full-time teachers with salaries.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* 1987.

No. 243. Private Schools Offering Special Programs, by Level and Affiliation: 1985

[As of **fall.** Based on survey and subject to sampling error; see source for details]

Instructional level and affiliation	Total	Percent offering special programs in—							
		Bilingual education	ESL [1]	Remedial— Reading	Remedial— Mathematics	Programs for— Handicapped	Programs for— Gifted and talented	Vocational and tech. programs	Diagnostic services [2]
Private schools, total	**25,600**	**9**	**12**	**69**	**53**	**18**	**33**	**14**	**51**
Elementary	15,300	8	9	72	52	14	32	6	50
Secondary	2,400	8	23	53	46	11	50	35	46
Elementary/secondary	4,900	15	17	61	50	20	32	22	41
Other [3]	2,900	3	10	82	71	42	24	32	76
Catholic	9,900	4	9	78	61	15	37	8	61
Other	10,800	11	14	59	42	16	28	15	41
None	4,900	12	14	73	62	30	37	26	52

[1] English as a second language. [2] Services provided by trained professionals to diagnose learning problems of students. [3] Schools providing alternative (non-traditional) instruction, special education or vocational/technical education.

Source: U.S. National Center for Education Statistics, *Private Schools and Private School Teachers; Final Report of the 1985–86 Private School Study,* March 1987.

No. 244. Scholastic Aptitude Test (SAT) Scores and Characteristics of College-Bound Seniors: 1967 to 1988

[For school year ending in year shown]

Type of test and characteristic	Unit	1967	1970	1975	1980	1982	1983	1984	1985	1986	1987	1988
Test scores [1]												
Verbal, total [2]	Point	466	460	434	424	426	425	426	431	431	430	428
Male	Point	463	459	437	428	431	430	433	437	437	435	435
Female	Point	468	461	431	420	421	420	420	425	426	425	422
Math, total [2]	Point	492	488	472	466	467	468	471	475	475	476	476
Male	Point	514	509	495	491	493	493	495	499	501	500	498
Female	Point	467	465	449	443	443	445	449	452	451	453	455
Participants												
Total	1,000	(NA)	(NA)	996	992	989	963	965	977	1,001	1,080	1,134
Male	Percent	(NA)	(NA)	49.9	48.2	48.1	48.2	48.2	48.3	48.1	48.2	47.9
White	Percent	(NA)	(NA)	86.0	82.1	81.7	81.1	80.3	81.0	(NA)	78.2	77.0
Black	Percent	(NA)	(NA)	7.9	9.1	8.9	8.8	9.1	7.5	(NA)	8.7	9.2
Obtaining scores [1] of—												
600 or above:												
Verbal	Percent	(NA)	(NA)	7.9	7.2	7.1	6.9	7.3	7.9	7.9	8.1	7.3
Math	Percent	(NA)	(NA)	15.6	15.1	15.3	15.9	16.7	17.1	17.9	18.3	17.6
Below 400:												
Verbal	Percent	(NA)	(NA)	37.8	41.8	40.2	41.1	40.2	39.4	38.2	39.8	39.4
Math	Percent	(NA)	(NA)	28.5	30.2	29.5	30.1	29.1	28.2	28.0	28.3	27.8
Selected intended area of study:												
Business and commerce	Percent	(NA)	(NA)	11.5	18.6	18.7	18.5	19.1	21.0	(NA)	23.1	23.0
Engineering	Percent	(NA)	(NA)	6.7	11.1	12.6	12.5	12.0	11.7	(NA)	11.1	10.1
Social science	Percent	(NA)	(NA)	7.7	7.8	7.2	7.2	7.3	7.5	(NA)	10.9	11.7
Education	Percent	(NA)	(NA)	9.1	6.1	5.0	4.5	4.6	4.7	(NA)	6.0	6.6
SAT average [1] by high school rank:												
Top tenth	Point	(NA)	(NA)	(NA)	539	540	539	543	547	547	552	550
Second tenth	Point	(NA)	(NA)	(NA)	470	473	473	477	482	481	484	483
Second fifth	Point	(NA)	(NA)	(NA)	431	435	435	438	442	440	440	440
Third fifth	Point	(NA)	(NA)	(NA)	386	389	389	392	396	396	395	395

NA Not available. [1] Minimum score, 200; maximum score, 800. [2] 1967 and 1970 are estimates based on total number of persons taking SAT.

Source: College Entrance Examination Board, New York, NY, *National College-Bound Senior*, annual. (Copyright.)

No. 245. American College Testing (ACT) Program Scores and Characteristics of College-Bound Students: 1970 to 1988

[For academic year ending in year shown. Except as indicated, test scores and characteristics of college-bound students. Through 1985, data based on 10 percent sample; thereafter, based on all ACT tested seniors]

Type of test and characteristic	Unit	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987	1988
Test scores [1]												
Composite	Point	19.9	18.6	18.5	18.5	18.4	18.3	18.5	18.6	18.8	18.7	18.8
Male	Point	20.3	19.5	19.3	19.3	19.2	19.1	19.3	19.4	19.6	19.5	19.6
Female	Point	19.4	17.8	17.9	17.8	17.8	17.6	17.9	17.9	18.1	18.1	18.1
English	Point	18.5	17.7	17.9	17.8	17.9	17.8	18.1	18.1	18.5	18.4	18.5
Male	Point	17.6	17.1	17.3	17.3	17.3	17.3	17.5	17.6	17.9	17.9	18.0
Female	Point	19.4	18.3	18.3	18.2	18.4	18.2	18.6	18.6	18.9	18.9	19.0
Math	Point	20.0	17.6	17.4	17.3	17.2	16.9	17.3	17.2	17.3	17.2	17.2
Male	Point	21.1	19.3	18.9	18.9	18.6	18.4	18.6	18.6	18.8	18.6	18.4
Female	Point	18.8	16.2	16.2	16.0	16.0	15.7	16.1	16.0	16.0	16.1	16.1
Social studies	Point	19.7	17.4	17.2	17.2	17.3	17.1	17.3	17.4	17.6	17.5	17.4
Male	Point	20.3	18.7	18.2	18.3	18.1	18.0	18.1	18.3	18.6	18.4	18.4
Female	Point	19.0	16.4	16.4	16.4	16.6	16.4	16.5	16.6	16.9	16.7	16.6
Natural science	Point	20.8	21.1	21.1	21.0	20.8	20.9	21.0	21.2	21.4	21.4	21.4
Male	Point	21.6	22.4	22.4	22.3	22.2	22.4	22.4	22.6	22.7	22.8	22.8
Female	Point	20.0	20.0	20.0	20.0	19.7	19.6	19.9	20.0	20.2	20.1	20.2
Participants [2]												
Total	1,000	788	714	822	836	805	835	849	739	730	777	842
Male	Percent	52	46	45	45	45	46	46	46	46	46	46
White	Percent	(NA)	77	83	83	83	82	82	82	82	81	81
Black	Percent	4	7	8	8	8	9	9	8	8	8	9
Obtaining composite scores of—												
26 or above	Percent	14	14	13	13	13	13	13	14	14	14	14
15 or below	Percent	21	33	33	33	34	35	33	32	31	31	31
Planned educational major:												
Business [3]	Percent	18	21	20	19	19	18	19	21	22	23	23
Engineering	Percent	8	6	8	10	11	10	9	9	9	8	9
Social science [4]	Percent	10	9	6	6	6	6	7	7	8	9	10
Education	Percent	16	12	9	7	6	6	6	6	7	8	8

NA Not available. [1] Minimum score, 1; maximum score, 36. [2] Beginning 1985, data are for seniors who graduated in year shown and had taken the ACT in their junior or senior years. [3] Includes political and persuasive (e.g. sales) fields through 1975; thereafter, business and commerce. [4] Includes religion through 1975.

Source: The American College Testing Program, Iowa City, IA, *High School Profile Report*, annual.

No. 246. High School Graduates Earning Selected Requirements for Graduation: 1982 and 1987

[In cumulative percent of graduates meeting each requirement standard]

Course credits taken in—						All students [1]	Sex		Race/ethnicity			
English	Social studies	Science	Math	Computer science	Foreign language		Male	Female	White [2]	Black [2]	Hispanic	Asian [2]
1987 graduates by courses taken in specific subjects												
4	3	3	3	(3)	2	12.0	13.3	10.9	12.7	8.3	5.5	24.3
4	3	3	3	(3)	–	16.3	18.4	14.4	17.2	11.7	8.6	28.1
4	3	3	3	–	2	20.9	20.9	20.9	21.8	16.1	11.8	41.9
4	3	3	3	–	–	28.6	30.1	27.2	29.7	24.3	17.9	48.3
4	3	2	2	–	–	54.6	54.6	54.7	53.5	57.2	55.1	71.8
1982 graduates by courses taken in specific subjects												
4	3	3	3	(3)	2	1.9	2.0	1.7	2.2	.7	.5	6.0
4	3	3	3	(3)	–	2.7	3.3	2.1	3.1	1.0	.9	7.1
4	3	3	3	–	2	8.8	8.5	9.2	10.1	5.2	3.5	17.0
4	3	3	3	–	–	13.4	14.3	12.6	14.9	10.1	6.3	21.0
4	3	2	2	–	–	29.2	29.1	29.3	30.2	28.1	23.5	34.5

Represents zero. [1] Includes races not shown separately. [2] Non-Hispanic. [3] One-half credit.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, 1989.

No. 247. Public High School Graduates, by State, 1980 to 1988, and Projections, 1989 and 1990

[In thousands. For school year ending in year shown. For composition of regions, see fig. I, inside front cover]

Region, division, and state	1980	1985	1988, est.	1989, proj.	1990, proj.
U.S.	**2,747.7**	**2,414.0**	**2,492.8**	**2,491.3**	**2,337.1**
Region:					
Northeast	601.4	511.0	505.3	490.9	445.6
Midwest	791.0	668.5	667.8	669.4	625.7
South	865.3	789.4	833.7	845.4	805.4
West	489.9	445.1	485.9	485.6	460.4
N.E	**156.2**	**135.5**	**134.3**	**129.9**	**120.7**
ME	15.4	13.9	13.8	14.7	14.0
NH	11.7	11.1	11.0	11.1	10.5
VT	6.7	5.8	6.2	5.9	5.4
MA	73.8	63.4	61.6	56.7	52.5
RI	10.9	9.2	8.7	8.4	7.8
CT	37.7	32.1	33.0	33.1	30.5
M.A	**445.2**	**375.5**	**371.1**	**361.0**	**324.9**
NY	204.1	166.8	165.9	166.3	144.6
NJ	94.6	81.5	80.0	75.3	68.6
PA	146.5	127.2	125.2	119.4	111.7
E.N.C	**546.5**	**467.4**	**467.6**	**467.1**	**436.3**
OH	144.2	122.3	125.1	127.4	117.9
IN	73.1	63.3	64.5	63.3	60.6
IL	135.6	117.0	119.1	116.9	109.9
MI	124.3	105.9	100.5	103.1	95.7
WI	69.3	58.9	58.4	56.4	52.2
W.N.C	**244.5**	**201.1**	**200.1**	**202.4**	**189.4**
MN	64.9	53.4	52.1	53.2	48.9
IA	43.4	36.1	34.2	34.4	31.7
MO	62.3	51.3	51.3	52.2	49.7
ND	9.9	8.1	8.4	8.0	7.7
SD	10.7	8.2	8.4	8.3	7.7
NE	22.4	18.0	18.6	19.0	17.9
KS	30.9	26.0	27.1	27.3	25.8
S.A	**415.4**	**382.9**	**400.6**	**406.4**	**382.9**
DE	7.6	5.9	6.0	6.1	5.7
S.A.—Con.					
MD	54.3	48.3	47.1	45.8	41.7
DC	5.0	3.9	3.9	4.0	3.5
VA	66.6	61.0	66.7	65.5	61.5
WV	23.4	22.3	22.4	23.1	22.1
NC	70.9	67.2	68.1	70.4	65.7
SC	38.7	34.5	36.3	37.8	35.9
GA	61.6	58.7	61.8	61.9	56.1
FL	87.3	81.1	88.3	91.8	90.7
E.S.C	**163.8**	**146.6**	**159.3**	**156.1**	**149.6**
KY	41.2	38.0	39.7	40.1	38.4
TN	49.8	43.3	47.9	47.7	45.7
AL	45.2	40.0	43.8	41.6	40.0
MS	27.6	25.3	27.9	26.7	25.5
W.S.C	**286.1**	**259.8**	**273.9**	**282.8**	**272.9**
AR	29.1	26.3	27.7	28.4	27.0
LA	46.3	39.7	38.8	38.4	38.4
OK	39.3	34.6	36.1	37.1	35.0
TX	171.4	159.2	171.3	178.9	172.5
Mt	**143.7**	**132.1**	**141.0**	**142.5**	**135.6**
MT	12.1	10.0	8.9	10.3	9.4
ID	13.2	12.1	13.3	12.9	12.2
WY	6.1	5.7	6.1	6.1	5.7
CO	36.8	32.3	35.4	35.3	33.0
NM	18.4	15.6	15.9	15.5	15.2
AZ	28.6	27.9	29.8	29.5	28.4
UT	20.0	19.9	22.2	22.5	21.9
NV	8.5	8.6	9.4	10.4	9.8
Pac	**346.2**	**313.0**	**344.9**	**343.1**	**324.8**
WA	50.4	45.4	51.8	49.2	45.4
OR	29.9	26.9	28.1	27.5	25.7
CA	249.2	225.4	248.3	250.2	238.7
AK	5.2	5.2	5.9	5.8	5.4
HI	11.5	10.1	10.8	10.4	9.6

Source: U.S. National Center for Education Statistics, *State Projections to 1993*, 1989.

No. 248. High School Dropouts 14 to 24 Years Old, by Age, Race, and Hispanic Origin: 1970 to 1988

[As of **October**. See headnote, table 250 for definition of dropouts]

Age and race	Number of dropouts (1,000)								Percent of population			
	1970	1980	1983	1984	1985	1986	1987	1988	1970	1980	1985	1988
Total dropouts [1 2]	**4,670**	**5,212**	**5,025**	**4,784**	**4,456**	**4,318**	**4,349**	**4,300**	**12.2**	**12.0**	**10.6**	**10.9**
16–17 years	617	709	494	485	505	455	500	482	8.0	8.8	7.0	6.7
18–21 years	2,138	2,578	2,419	2,297	2,095	1,961	1,966	2,081	16.4	15.8	14.1	14.6
22–24 years	1,770	1,798	1,991	1,845	1,724	1,726	1,785	1,668	18.7	15.2	14.1	14.5
White [2]	**3,577**	**4,169**	**3,950**	**3,631**	**3,583**	**3,497**	**3,522**	**3,480**	**10.8**	**11.3**	**10.3**	**10.8**
16–17 years	485	619	424	421	424	394	401	411	7.3	9.2	7.1	7.1
18–21 years	1,618	2,032	1,897	1,852	1,678	1,566	1,577	1,670	14.3	14.7	13.6	14.2
22–24 years	1,356	1,416	1,531	1,429	1,372	1,408	1,465	1,342	16.3	14.0	13.3	14.1
Black [2]	**1,047**	**934**	**918**	**789**	**748**	**707**	**706**	**709**	**22.2**	**16.0**	**12.6**	**12.4**
16–17 years	125	80	62	55	70	52	77	67	12.8	6.9	6.5	6.0
18–21 years	500	486	436	373	376	345	338	368	30.5	23.0	17.5	18.0
22–24 years	397	346	396	339	279	272	273	263	37.8	24.0	17.8	17.2
Hispanic [2 3]	**(NA)**	**919**	**842**	**789**	**820**	**991**	**941**	**1,177**	**(NA)**	**29.5**	**23.3**	**29.7**
16–17 years	(NA)	92	58	71	97	101	76	123	(NA)	16.6	14.6	19.7
18–21 years	(NA)	470	401	333	335	429	410	552	(NA)	40.3	29.3	37.3
22–24 years	(NA)	323	358	358	365	436	439	494	(NA)	40.6	33.9	42.5

NA Not available. [1] Includes other race groups not shown separately. [2] Includes persons 14–15 years, not shown separately. [3] Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 409 and earlier reports; and unpublished data.

No. 249. Enrollment Status by Race, Hispanic Origin, and Sex: 1975 and 1988

[As of **October**. For persons 18 to 21 years old. For the civilian noninstitutional population. Based on the Current Population Survey; see text, section 1 and Appendix III]

Characteristic	Total persons 18 to 21 years old (1,000)		Percent distribution									
			Enrolled in high school		High school graduates						Not high school graduates	
					Total		In college		Not in college			
	1975	1988	1975	1988	1975	1988	1975	1988	1975	1988	1975	1988
Total [1]	15,693	14,268	5.7	7.4	78.0	78.0	33.5	40.1	44.5	37.9	16.3	14.6
White	13,448	11,720	4.7	6.3	80.6	79.5	34.6	41.9	46.0	37.6	14.7	14.2
Black	1,997	2,041	12.5	12.4	60.4	69.5	24.9	27.1	35.6	42.4	27.0	18.0
Hispanic [2]	899	1,481	12.0	9.0	57.2	53.6	24.4	21.1	32.8	32.5	30.8	37.3
Male [1]	7,584	7,016	7.4	9.9	76.6	74.1	35.4	37.9	41.3	36.2	15.9	16.0
White	6,545	5,765	6.2	8.9	79.7	75.3	36.9	40.0	42.8	35.3	14.1	15.8
Black	911	962	15.9	15.5	55.0	64.8	23.9	20.6	31.1	44.2	29.0	19.8
Hispanic [2]	416	762	17.3	12.7	54.6	47.6	25.2	19.8	29.3	27.8	27.9	39.5
Female [1]	8,109	7,252	4.2	4.9	79.2	81.8	31.8	42.3	47.4	39.5	16.6	13.3
White	6,903	5,955	3.2	3.7	81.4	83.5	32.4	43.7	49.0	39.8	15.3	12.8
Black	1,085	1,079	9.7	9.7	65.0	73.9	25.8	33.0	39.2	40.9	25.4	16.5
Hispanic [2]	484	719	7.6	4.9	59.3	60.2	23.6	22.8	35.7	37.4	33.1	34.8

[1] Includes other races not shown separately. [2] Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 303 and forthcoming report.

No. 250. Employment Status of High School Graduates Not Enrolled in College and School Dropouts, by Sex and Race: 1980 to 1988

[**In thousands, except percent.** As of **October**. For civilian noninstitutional population 16 to 24 years old. High school graduates: Persons not enrolled in college who have completed 4 years of high school only. Dropouts: Persons not in regular school and who have not completed the 12th grade nor received a general equivalency degree. Based on Current Population Survey; see text, section 1, and Appendix III]

Employment status, sex, and race	Graduates					Dropouts				
	1980	1985	1986	1987	1988	1980	1985	1986	1987	1988
Civilian population	**11,622**	**10,381**	**9,993**	**9,339**	**8,999**	**5,254**	**4,323**	**4,142**	**4,252**	**4,231**
In labor force	9,795	8,825	8,471	7,976	7,638	3,549	2,920	2,795	2,804	2,763
Percent of population	84.3	85.0	84.8	85.4	84.9	67.5	67.5	67.5	66.0	65.3
Employed [1]	8,567	7,707	7,495	7,163	6,932	2,651	2,165	2,116	2,230	2,235
Percent of labor force	87.5	87.3	88.5	89.8	90.8	74.7	74.1	75.7	79.5	80.9
Male	4,462	4,001	4,008	3,796	3,648	1,780	1,475	1,440	1,450	1,482
Female	4,105	3,706	3,487	3,367	3,284	871	690	676	780	753
White	7,638	6,732	6,533	6,153	5,899	2,310	1,888	1,844	1,929	1,924
Black	817	865	829	866	894	305	226	220	243	238
Unemployed [1]	1,228	1,118	976	813	706	898	755	679	574	528
Percent of labor force	12.5	12.7	11.5	10.2	9.2	25.3	25.9	24.3	20.5	19.1
Male	695	569	457	399	376	548	462	383	326	331
Female	532	549	519	414	330	350	293	296	248	197
White	924	729	640	549	488	636	582	479	416	394
Black	289	360	319	245	205	239	160	187	138	127
Not in labor force	1,827	1,556	1,522	1,363	1,361	1,705	1,403	1,347	1,448	1,468
Percent of population	15.7	15.0	15.2	14.6	15.1	32.5	32.5	32.5	34.1	34.7

[1] Includes other races not shown separately.

Source: U.S. Bureau of Labor Statistics, Bulletin 2307, and unpublished data.

No. 251. High School Graduates by Sex and Control and General Educational Development (GED) Certificates Issued, by Age: 1960 to 1988

[In thousands, except percent. See also *Historical Statistics, Colonial Times to 1970*, series H 598–601]

Year of graduation	High school graduates [1]						GED's issued				
	Total		Sex		Control		Total	Percent by age			
	Number	Percent of persons 17 years old [2]	Male	Female	Public	Private, est.		17 years old or less	20–24 years old	25–29 years old	30 years old and over
1960	1,858	69.5	895	963	1,627	231	(NA)	(NA)	(NA)	(NA)	(NA)
1970	2,889	76.9	1,430	1,459	2,589	300	(NA)	(NA)	(NA)	(NA)	(NA)
1980	3,043	71.4	1,491	1,552	2,748	295	479	37	27	13	23
1985	2,677	73.2	(NA)	(NA)	2,414	263	413	32	26	15	26
1987	2,698	73.0	(NA)	(NA)	2,433	265	444	33	24	15	28
1988, est.	2,793	73.9	(NA)	(NA)	2,493	300	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Data for 1960–1970 include about 7,000 graduates of subcollegiate departments of institutions of higher education, Federal schools for Indians and on Federal installations, and residential schools for exceptional children. [2] Based on estimated resident population as of July 1.

Source: National Center for Education Statistics, *Digest of Education Statistics*, annual.

No. 252. College Enrollment and Percent of High School Graduates Enrolled in, or Completed One or More Years of College, by Sex, Race, and Hispanic Origin: 1960 to 1988

[As of **October**, except as noted. Covers civilian noninstitutional population 14 to 24 years old]

Item and year	All persons				Male			Female		
	Total [1]	White	Black	Hispanic [2] origin	White	Black	Hispanic [2] origin	White	Black	Hispanic [2] origin
College enrollment (1,000): 1960 [3]	2,279	2,138	[4] 141	(NA)	1,297	[4] 68	(NA)	841	[4] 73	(NA)
1970	6,065	5,535	437	(NA)	3,213	202	(NA)	2,322	236	(NA)
1980	7,475	6,546	718	325	3,303	292	156	3,243	426	168
1985	7,799	6,729	755	391	3,374	355	178	3,357	400	211
1987	7,932	6,677	855	463	3,386	390	250	3,289	464	213
1988	7,973	6,796	785	463	3,310	303	237	3,486	482	228
Percent of high school graduates enrolled: 1960 [3]	23.8	24.3	[4] 18.7	(NA)	31.1	[4] 21.1	(NA)	18.1	[4] 16.9	(NA)
1970	33.3	33.9	26.7	(NA)	42.9	29.5	(NA)	26.3	24.7	(NA)
1980	32.3	32.5	28.3	30.3	34.3	27.0	31.2	30.9	29.2	29.4
1985	34.3	35.0	26.5	27.5	36.6	28.2	26.4	33.6	25.1	28.4
1987	36.9	37.1	30.6	28.7	39.2	32.3	31.1	35.2	29.4	26.4
1988	37.6	38.4	28.6	31.3	39.6	25.1	32.2	37.3	31.3	30.5
Percent of high school graduates enrolled in college or completed 1 or more years of college: 1960 [3]	40.4	41.0	[4] 32.5	(NA)	47.1	[4] 33.5	(NA)	35.6	[4] 31.8	(NA)
1970	52.3	53.4	40.0	(NA)	60.8	41.2	(NA)	47.1	39.0	(NA)
1980	51.1	51.4	46.2	47.3	51.8	44.4	49.6	51.0	47.5	45.6
1985	54.3	55.3	43.8	46.7	55.5	43.5	44.9	55.2	43.9	48.0
1987	56.5	57.1	48.7	44.2	56.7	48.3	45.1	57.5	48.9	43.2
1988	57.5	58.6	46.6	47.1	57.9	42.8	48.4	59.2	49.6	46.0

NA Not available. [1] Includes other races, not shown separately. [2] Hispanic persons may be of any race. [3] As of April. [4] Black and other races.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960*, vol. I, *Characteristics of the Population*, part 1; *Current Population Reports*, series P–20, No. 429 and earlier reports; and unpublished data.

No. 253. Enrollment in Institutions of Higher Education, by Sex, Age, and Attendance Status, 1970 to 1988, and Projections, 1990 and 1995

[As of **fall**]

Sex and age	Number (1,000)						Percent part-time					
	1970	1980	1985	1988, est.	1990, proj.	1995, proj.	1970	1980	1985	1988, est.	1990, proj.	1995, proj.
Total	**8,581**	**12,097**	**12,247**	**12,849**	**12,935**	**13,213**	**32.2**	**41.3**	**42.2**	**42.6**	**45.1**	**43.8**
Male	5,044	5,874	5,818	5,946	5,893	6,010	30.5	37.2	38.0	38.8	41.4	40.2
14 to 17 years old	130	99	121	111	111	106	3.9	15.2	15.7	32.4	55.9	38.7
18 and 19 years old	1,349	1,375	1,230	1,377	1,380	1,410	6.2	10.6	9.9	10.8	12.5	12.7
20 and 21 years old	1,095	1,259	1,216	1,170	1,158	1,229	9.6	12.2	15.5	16.8	19.8	19.0
22 to 24 years old	964	1,064	1,048	990	928	933	32.6	35.4	30.3	32.5	35.5	33.9
25 to 29 years old	783	993	991	989	847	962	58.2	61.9	60.1	60.2	60.7	60.7
30 to 34 years old	308	576	574	590	591	602	76.6	77.6	73.9	72.5	72.9	72.9
35 years old and over	415	507	639	715	878	768	81.9	84.8	84.8	81.3	79.8	81.3
Female	3,537	6,223	6,429	6,904	7,042	7,203	34.6	45.2	46.1	45.9	48.2	46.8
14 to 17 years old	129	148	113	137	126	121	9.3	11.5	10.6	35.8	37.3	37.2
18 and 19 years old	1,250	1,526	1,370	1,532	1,502	1,612	8.8	11.4	11.4	10.6	13.3	12.6
20 and 21 years old	786	1,165	1,166	1,222	1,253	1,336	16.3	17.9	18.7	19.5	20.5	21.0
22 to 24 years old	493	925	885	977	958	980	53.1	47.4	43.8	41.7	43.9	42.8
25 to 29 years old	291	878	962	949	840	939	72.6	73.6	68.8	66.3	65.7	66.7
30 to 34 years old	179	667	687	736	743	757	84.4	79.6	76.7	77.9	78.4	78.3
35 years old and over	409	914	1,246	1,354	1,620	1,458	85.6	87.5	80.0	82.1	82.4	82.4

Source: U.S. National Center for Education Statistics, *Projections of Education Statistics*, annual.

No. 254. College Enrollment, by Sex, Age, Race, and Hispanic Origin: 1972 to 1988

[Covers civilian noninstitutional population, 14 years old and over. See headnote table 255]

SEX, AGE, AND RACE	1972	1975	1980	1981 [1]	1981 [2]	1982	1983	1984	1985	1986 [3]	1987	1988
Total [4]	**9,095**	**10,880**	**11,387**	**11,814**	**12,127**	**12,346**	**12,367**	**12,305**	**12,524**	**12,651**	**12,719**	**13,116**
Male [5]	5,218	5,911	5,430	5,636	5,825	5,919	6,038	5,989	5,906	5,957	6,030	5,950
18–24 years	3,534	3,693	3,604	3,724	3,833	3,837	3,820	3,929	3,749	3,702	3,867	3,770
25–34 years	1,178	1,521	1,325	1,375	1,442	1,460	1,576	1,492	1,464	1,545	1,421	1,395
35 years and over	365	569	405	443	453	510	535	476	561	628	625	727
Female [5]	3,877	4,969	5,957	6,178	6,303	6,427	6,329	6,316	6,618	6,694	6,689	7,166
18–24 years	2,724	3,243	3,625	3,680	3,741	3,841	3,657	3,662	3,788	3,775	3,826	4,021
25–34 years	581	947	1,378	1,431	1,485	1,528	1,510	1,522	1,599	1,559	1,564	1,568
35 years and over	418	614	802	934	940	917	1,009	969	1,100	1,240	1,176	1,452
White	8,147	9,547	9,926	10,166	10,352	10,587	10,607	10,522	10,782	10,707	10,731	11,140
Male	4,723	5,263	4,804	4,900	5,011	5,098	5,187	5,111	5,101	5,074	5,104	5,078
Female	3,427	4,285	5,123	5,265	5,342	5,488	5,420	5,410	5,681	5,632	5,627	6,063
Black	(NA)	(NA)	(NA)	(NA)	(NA)	1,243	1,227	1,274	1,208	1,359	1,351	1,321
Male	(NA)	(NA)	(NA)	(NA)	(NA)	513	537	590	518	580	587	494
Female	(NA)	(NA)	(NA)	(NA)	(NA)	730	690	684	689	779	764	827
Hispanic origin [6]	(NA)	(NA)	(NA)	(NA)	(NA)	539	579	563	665	794	739	747
Male	(NA)	(NA)	(NA)	(NA)	(NA)	233	273	248	301	377	390	355
Female	(NA)	(NA)	(NA)	(NA)	(NA)	306	306	315	363	417	349	391

NA Not available. [1] Population controls based on 1970 census; see text, sections 1 and 4. [2] Population controls based on 1980 census; see text, sections 1 and 4. [3] Revised. [4] Includes other races not shown separately. [5] Includes persons 14 to 17 years old, not shown separately. [6] Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 429 and earlier reports; and unpublished data.

No. 255. College Enrollment—Control and Level by Race and Hispanic Origin: 1972 to 1988

[In thousands. As of **October for civilian noninstitutional population. Degree credit enrollment only. 3 to 34 years old.** Based on Current Population Survey; see text, section 1 and Appendix III]

ITEM	1972	1975	1980	1981 [1]	1982	1983	1984	1985	1986 [2]	1987	1988
Total enrolled [3]	**8,313**	**9,697**	**10,473**	**10,734**	**10,919**	**10,825**	**10,859**	**10,863**	**10,784**	**10,918**	**10,937**
White	7,458	8,516	9,033	9,162	9,328	9,242	9,269	9,334	9,098	9,146	9,244
Black	777	948	1,052	1,133	1,127	1,102	1,138	1,049	1,161	1,196	1,115
Hispanic origin [4]	242	411	460	510	493	523	524	579	706	667	654
Public colleges	6,337	7,704	7,781	8,159	8,354	8,185	8,467	8,379	8,312	8,556	8,663
White	5,644	6,724	6,677	6,906	7,102	6,949	7,163	7,131	6,951	7,113	7,302
Black	582	782	815	898	865	858	918	860	924	977	894
Hispanic origin [4]	213	358	364	398	398	441	433	464	568	551	592
Private colleges	1,976	1,994	2,692	2,576	2,565	2,640	2,392	2,483	2,472	2,361	2,278
White	1,814	1,792	2,356	2,256	2,227	2,293	2,105	2,203	2,148	2,034	1,940
Black	145	166	237	235	263	245	220	190	233	218	220
Hispanic origin [4]	29	53	96	112	96	82	91	116	138	115	60
LEVEL											
Undergraduates: Four-year colleges	4,855	5,193	5,596	5,817	5,655	5,617	5,794	5,814	6,011	6,185	6,164
White	(NA)	(NA)	(NA)	(NA)	4,808	4,835	5,005	5,031	4,954	5,206	5,253
Black	(NA)	(NA)	(NA)	(NA)	627	591	581	546	741	696	630
Hispanic origin [4]	(NA)	(NA)	(NA)	(NA)	184	227	260	238	322	320	314
Two-year colleges	1,910	2,561	2,756	2,892	3,070	2,991	2,845	2,851	3,087	3,043	3,175
White	(NA)	(NA)	(NA)	(NA)	2,594	2,520	2,341	2,379	2,666	2,515	2,666
Black	(NA)	(NA)	(NA)	(NA)	332	342	377	346	309	369	370
Hispanic origin [4]	(NA)	(NA)	(NA)	(NA)	228	215	183	227	310	276	284
Graduate students	1,322	1,589	1,753	1,682	1,809	1,813	1,801	1,749	1,686	1,690	1,598
White	1,213	1,463	1,550	1,442	1,608	1,579	1,581	1,552	1,478	1,425	1,324
Black	88	72	126	152	123	111	122	94	111	131	116
Hispanic origin [4]	(NA)	(NA)	47	64	48	54	61	82	74	71	55

NA Not available. [1] Population controls based on the 1980 Census. [2] Revised. [3] Includes undergraduates for whom type of college was not reported and other races, not shown separately. [4] Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 429 and unpublished data.

No. 256. Higher Education—Summary: 1970 to 1987

[Institutions, staff, and enrollment as of **fall. Finances for fiscal year ending in the following year.** Covers universities, colleges, professional schools, junior and teachers colleges, both publicly and privately controlled, regular session. Includes estimates for institutions not reporting. See also Appendix III, and *Historical Statistics, Colonial Times to 1970,* series H 680, H 699–705, and H 710]

ITEM	Unit	1970	1980	1981	1982	1983	1984	1985	1986	1987
Institutions [1]	**Number**	**2,556**	**3,231**	**3,253**	**3,280**	**3,284**	**3,331**	**3,340**	**3,406**	**3,587**
4-year	Number	1,665	1,957	1,979	1,984	2,013	2,025	2,029	2,070	2,135
2-year	Number	891	1,274	1,274	1,296	1,271	1,306	1,311	1,336	1,452
Instructional staff	**1,000**	**573**	**846**	**865**	**865**	(NA)	(NA)	(NA)	(NA)	(NA)
Instructor or above	1,000	474	668	705	701	723	700	710	[2] 722	[2] 736
Percent full-time	Percent	77.8	65.6	64.9	64.9	65.1	65.0	64.2	63.6	63.3
Total enrollment [3]	**1,000**	**8,581**	**12,097**	**12,372**	**12,426**	**12,465**	**12,242**	**12,247**	**12,505**	**12,768**
Male	1,000	4,637	5,874	5,975	6,031	6,024	5,864	5,818	5,885	5,932
Female	1,000	3,284	6,223	6,397	6,394	6,441	6,378	6,429	6,620	6,836
4-year institutions	1,000	6,290	7,571	7,655	7,654	7,741	7,711	7,716	7,825	7,992
2-year institutions	1,000	1,630	4,526	4,716	4,772	4,723	4,531	4,531	4,680	4,776
Full-time	1,000	5,489	7,098	7,181	7,221	7,261	7,098	7,075	7,120	7,232
Part-time	1,000	2,431	4,999	5,190	5,205	5,204	5,144	5,172	5,384	5,537
Public	1,000	5,800	9,457	9,647	9,696	9,683	9,478	9,479	9,715	9,975
Private	1,000	2,120	2,640	2,725	2,730	2,782	2,765	2,768	2,790	2,793
Undergraduate [4]	1,000	7,376	10,475	10,755	10,825	10,846	10,618	10,597	10,799	11,048
Men	1,000	4,254	5,000	5,109	5,170	5,158	5,007	4,962	5,018	5,069
Women	1,000	3,122	5,475	5,646	5,654	5,688	5,612	5,634	5,781	5,979
First time freshmen	1,000	2,063	2,588	2,595	2,505	2,444	2,357	2,292	2,219	2,246
First-professional	1,000	173	278	275	278	279	279	274	270	268
Men	1,000	159	199	193	191	188	185	180	174	170
Women	1,000	15	78	82	87	90	94	94	97	98
Graduate [4]	1,000	1,031	1,343	1,343	1,322	1,340	1,345	1,376	1,435	1,452
Men	1,000	630	675	674	670	677	672	677	693	693
Women	1,000	400	670	669	652	663	674	699	742	759
Current funds revenues [5]	**Mil. dol.**	**23,879**	**65,585**	**72,191**	**77,596**	**84,417**	**92,473**	**100,438**	(NA)	(NA)
Tuition and fees	Mil. dol.	5,021	13,773	15,774	17,776	19,715	21,283	23,117		
Federal Government	Mil. dol.	2,739	8,479	8,320	8,181	8,783	9,615	10,466		
State government	Mil. dol.	6,589	20,106	21,849	23,066	24,707	27,583	29,912		
Auxiliary enterprises	Mil. dol.	3,125	7,287	8,122	8,770	9,456	10,100	10,674		
Plant funds [6]	Mil. dol.	(NA)	4,774	5,185	4,997	6,238	6,737	7,713		
Increase in fund balance [7]	Mil. dol.	498	2,793	2,224	5,322	2,410	4,653	7,239		
Current funds expenditures [5]	**Mil. dol.**	**23,375**	**64,053**	**70,339**	**75,936**	**81,993**	**89,951**	**97,536**		
Educational and general [8]	Mil. dol.	17,616	50,074	54,849	58,929	63,741	70,061	76,128		
Auxiliary enterprises and activities	Mil. dol.	2,988	7,288	7,998	8,614	9,250	10,012	10,528		
Gross addition to plant value	Mil. dol.	4,165	6,471	6,975	7,421	7,604	8,306	10,149		
Value of plant	Mil. dol.	46,054	88,761	94,517	100,993	107,640	114,764	122,261		
Endowment (book value)	Mil. dol.	11,341	20,941	23,085	26,352	29,502	33,399	38,698		

NA Not available. [1] Beginning 1980, number of institutions includes count of branch campuses. [2] Estimated. [3] Beginning 1980, branch campuses counted according to actual status, e.g., 2-year branch in 2-year category; previously a 2-year branch included in university category. 1987 preliminary. [4] Includes unclassified students. (Students taking courses for credit, but are not candidates for degrees.) [5] Includes items not shown separately. [6] Annual net increase in plant funds. [7] Includes endowment, and, beginning 1980, annuity and student loans. See table 264. [8] 1970 not strictly comparable with later years.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual; and unpublished data.

No. 257. Junior (Two-Year) Colleges—Summary: 1970 to 1987

[Institutions and their enrollment as of **fall;** financial data for fiscal year ending the following year. Prior to 1975, excludes two-year branches of universities and other four-year institutions. Beginning 1980, includes schools accredited by the National Association of Trade and Technical Schools. See *Historical Statistics, Colonial Times to 1970,* series H 690–692 and H 705, for related but not comparable data. See also Appendix III]

ITEM	Unit	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
Institutions	**Number**	**892**	**1,128**	**1,274**	**1,274**	**1,296**	**1,271**	**1,306**	**1,311**	**1,336**	**1,452**
Public	Number	654	897	945	940	933	916	935	932	960	992
Private	Number	237	231	329	334	363	355	371	379	376	460
Enrollment	**1,000**	**2,223**	**3,970**	**4,526**	**4,716**	**4,772**	**4,723**	**4,531**	**4,531**	**4,680**	[1] **4,776**
Public	1,000	2,102	3,836	4,329	4,481	4,520	4,459	4,279	4,270	4,414	4,541
Private	1,000	121	134	198	236	252	264	252	261	266	235
Male	1,000	1,317	2,165	2,047	2,124	2,170	2,131	2,017	2,002	2,061	2,072
Female	1,000	906	1,805	2,479	2,592	2,602	2,592	2,514	2,529	2,618	2,703
Current funds revenue [2]	**Mil. dol.**	**2,504**	**5,304**	**6,505**	**9,294**	**9,879**	**10,590**	**11,449**	**12,293**	(NA)	(NA)
Tuition and fees	Mil. dol.	413	896	1,618	1,864	2,106	2,316	2,469	2,618		
State government	Mil. dol.	916	2,248	3,961	4,269	4,487	4,773	5,189	5,659		
Local government	Mil. dol.	700	1,187	1,623	1,482	1,585	1,706	1,860	2,027		
Current funds expenditures	**Mil. dol.**	**2,327**	**5,092**	**6,212**	**9,006**	**9,697**	**10,314**	**11,207**	**11,976**		
Education and general [3]	Mil. dol.	2,073	4,736	7,608	8,358	8,969	9,530	10,374	11,118		
Instruction	Mil. dol.	1,205	2,401	3,764	4,156	4,447	4,715	5,075	5,398		

NA Not available. [1] Preliminary. [2] Includes items not shown separately. [3] Includes mandatory transfers.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics,* annual; and *Financial Statistics of Institutions of Higher Education,* annual.

No. 258. Institutions of Higher Education—Number, 1987, and Enrollment, by Selected Characteristics, 1980 and 1987—States and Other Areas

[Number of institutions for academic year beginning **1987**. Opening fall enrollment of resident and extension students attending full-time or part-time. Excludes students taking courses for credit by mail, radio, or TV, and students in branches of U.S. institutions operated in foreign countries. See Appendix III. For composition of regions, see fig. I, inside front cover]

STATE OR OTHER AREA	1980		1987								
				Enrollment (1,000)							
	Total enrollment (1,000)	First time freshmen (1,000)	Number of institutions [1]	Total	Male	Female	Public	Private	Full-time	Part-time	First-time freshmen
United States	**12,097**	**2,588**	**3,587**	**12,768**	**5,932**	**6,836**	**9,975**	**2,793**	**7,232**	**5,537**	**2,246**
Region:											
Northeast	2,587	522	882	2,636	1,200	1,436	1,525	1,111	1,620	1,016	468
Midwest	3,044	721	927	3,242	1,519	1,723	2,560	682	1,878	1,364	581
South	3,437	740	1,148	3,798	1,746	2,052	3,147	651	2,238	1,559	672
West	2,978	600	620	3,032	1,416	1,616	2,683	349	1,435	1,597	520
New England	**766**	**167**	**268**	**795**	**357**	**438**	**411**	**384**	**480**	**314**	**149**
Maine	43	10	31	48	21	27	35	12	29	19	9
New Hampshire	47	12	33	56	26	30	31	25	35	21	11
Vermont	31	7	23	33	14	19	19	14	23	10	7
Massachusetts	418	90	120	424	191	233	187	237	266	158	78
Rhode Island	67	13	12	72	33	39	36	35	46	26	14
Connecticut	160	35	49	162	72	91	103	60	82	80	30
Middle Atlantic	**1,822**	**357**	**614**	**1,841**	**843**	**998**	**1,114**	**728**	**1,140**	**701**	**320**
New York	992	183	333	993	445	548	567	425	620	372	164
New Jersey	322	65	63	294	134	160	235	59	148	147	42
Pennsylvania	508	109	218	554	264	290	311	243	372	183	114
East North Central	**2,169**	**516**	**566**	**2,279**	**1,064**	**1,214**	**1,814**	**465**	**1,281**	**998**	**405**
Ohio	489	111	155	518	250	269	392	127	315	203	99
Indiana	247	57	78	256	124	132	201	55	164	92	50
Illinois	644	148	166	687	313	374	521	166	347	340	110
Michigan	520	125	103	535	245	290	459	76	271	265	95
Wisconsin	269	75	64	282	132	150	241	41	185	97	51
West North Central	**875**	**205**	**361**	**963**	**454**	**509**	**746**	**217**	**597**	**366**	**177**
Minnesota	207	43	77	237	110	128	186	51	144	93	47
Iowa	140	39	65	158	78	80	112	46	115	43	35
Missouri	234	50	93	252	118	134	171	81	145	106	36
North Dakota	34	10	18	37	19	18	34	3	29	8	8
South Dakota	33	8	19	32	15	17	24	8	22	9	7
Nebraska	90	24	35	101	47	54	85	16	57	44	17
Kansas	137	30	54	146	68	78	133	13	84	62	27
South Atlantic	**1,724**	**349**	**572**	**1,926**	**868**	**1,058**	**1,540**	**386**	**1,082**	**844**	**328**
Delaware	33	9	10	37	16	21	30	7	23	14	7
Maryland	226	49	56	239	105	134	204	36	112	128	31
District of Columbia	87	15	18	78	37	40	11	67	48	30	10
Virginia	281	41	79	319	141	178	276	43	175	144	49
West Virginia	82	16	29	77	34	43	68	9	50	27	16
North Carolina	288	70	127	321	143	179	259	62	201	120	62
South Carolina	133	35	64	141	63	78	113	27	96	44	32
Georgia	184	35	95	224	105	119	174	50	146	78	46
Florida	412	80	94	490	225	265	405	85	231	259	76
East South Central	**614**	**141**	**287**	**644**	**294**	**350**	**532**	**113**	**435**	**209**	**130**
Kentucky	143	31	60	153	66	87	122	31	98	56	28
Tennessee	205	45	87	202	93	109	154	48	130	72	34
Alabama	164	41	93	183	87	97	162	21	128	56	40
Mississippi	102	24	47	106	48	58	93	12	79	26	27
West South Central	**1,099**	**250**	**289**	**1,227**	**583**	**644**	**1,075**	**152**	**722**	**506**	**214**
Arkansas	78	19	38	79	35	45	68	11	56	23	17
Louisiana	160	34	34	173	80	93	148	25	126	47	31
Oklahoma	160	33	46	173	82	91	149	24	99	74	31
Texas	701	165	171	802	386	416	710	93	440	362	135
Mountain	**658**	**150**	**176**	**766**	**366**	**400**	**686**	**80**	**398**	**368**	**138**
Montana	35	8	18	36	17	18	32	4	25	11	5
Idaho	43	11	11	46	22	24	35	11	31	15	10
Wyoming	21	5	9	26	12	14	25	1	15	11	6
Colorado	163	29	54	184	87	97	162	22	109	74	30
New Mexico	58	10	26	83	39	44	81	2	41	42	9
Arizona	203	61	35	237	111	126	229	9	95	142	56
Utah	94	20	14	107	57	50	74	32	68	39	15
Nevada	41	6	9	48	21	27	48	–	14	34	7
Pacific	**2,321**	**450**	**444**	**2,266**	**1,050**	**1,216**	**1,997**	**269**	**1,037**	**1,229**	**382**
Washington	304	25	54	246	111	134	214	32	141	105	68
Oregon	158	45	46	153	73	80	133	19	84	69	26
California	1,791	360	314	1,788	830	958	1,581	207	774	1,014	278
Alaska	21	11	16	27	11	16	26	1	8	18	1
Hawaii	47	9	14	52	25	28	43	10	30	23	8
U.S. military [2]	50	5	10	60	51	9	60	–	59	1	5
Outlying areas	138	37	56	157	61	96	67	90	122	35	30
American Samoa	1	(z)	1	1	(z)	(z)	1	–	(z)	1	(z)
Guam	3	1	2	4	2	2	4	–	2	2	(z)
Northern Marianas	–	–	1	(z)	(z)	(z)	(z)	–	(z)	(z)	(z)
Puerto Rico	131	36	48	148	57	91	58	90	118	29	28
Trust Territory of the Pacific Islands	(z)	(z)	2	1	1	1	1	–	1	1	(z)
Virgin Islands	2	(z)	2	3	1	2	3	–	1	2	(z)

– Represents zero. Z Less than 500. [1] Branch campuses counted as separate institutions. [2] Military academies.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

No. 259. College Freshmen—Summary Characteristics: 1970 to 1988

[In percent. As of fall for first-time, full-time freshmen. Based on sample survey and subject to sampling error; see source]

CHARACTERISTIC	1970	1975	1980	1982	1983	1984	1985	1986	1987	1988
Sex: Male	55	53	49	49	49	48	48	48	47	46
Female	45	47	51	51	51	52	52	52	53	54
Average grade in high school:										
A− to A+	16	18	21	21	20	20	21	23	21	24
B− to B+	58	60	60	60	59	58	59	56	59	58
C to C+	27	21	19	19	21	21	20	20	19	19
D	1	1	1	1	1	1	1	1	1	1
Political orientation:										
Liberal	34	29	20	19	19	20	21	22	22	22
Middle of the road	45	54	60	60	60	58	57	56	56	54
Conservative	17	15	17	18	18	19	19	19	18	20
Probable field of study:										
Arts and humanities	16	11	9	8	8	8	8	9	9	10
Biological sciences	4	6	4	4	4	4	4	4	4	4
Business	16	19	24	24	24	26	27	26	27	26
Education	11	10	7	5	6	7	7	8	9	9
Engineering	9	8	12	12	12	11	11	11	10	10
Physical science	2	3	3	3	3	3	2	2	2	2
Social science	14	10	7	6	6	7	8	8	9	9
Professional	(NA)	(NA)	15	13	14	14	13	12	11	12
Technical	4	9	6	7	7	5	5	4	3	2
Data processing/computer programming	(NA)	(NA)	2	4	4	2	2	2	1	1
Other [1]	(NA)	(NA)	(NA)	16	16	16	16	15	16	16
Communications	(NA)	(NA)	2	2	2	2	2	2	3	3
Computer science	(NA)	(NA)	1	2	5	3	2	2	2	2
Recipient of financial aid:										
Pell grant	(NA)	27	33	23	26	20	19	17	17	20
Supplemental educational opportunity grant	(NA)	6	8	6	7	6	5	5	6	6
State scholarship or grant	(NA)	19	16	15	16	14	14	14	16	14
College grant	(NA)	[2] 9	13	12	13	17	19	18	13	10
Federal guaranteed student loan	(NA)	10	21	11	15	23	23	25	22	22
National direct student loan	(NA)	10	9	6	5	6	6	7	5	3
College loan	(NA)	[2] 3	4	4	4	4	4	4	5	6
College work-study grant	(NA)	12	15	12	14	9	10	10	10	7
Attitudes—agree or strongly agree:										
Activities of married women are best confined to home and family	48	28	27	26	25	23	22	20	26	26
Capital punishment should be abolished	56	(NA)	34	28	29	26	27	26	24	23
Legalize marijuana	38	47	39	29	26	23	22	21	20	19
There is too much concern for the rights of criminals	52	53	66	70	69	(NA)	(NA)	(NA)	68	69
Abortion should be legalized	(NA)	(NA)	54	55	55	54	55	59	59	57

NA Not available. [1] Includes other fields of study, not shown separately. [2] 1976 data.

Source: The Higher Education Research Institute, University of California, Los Angeles, CA, *The American Freshman: National Norms*, annual.

No. 260. Foreign (Nonimmigrant) Student Enrollment in Institutions of Higher Education, by Region of Origin, 1976 to 1988, and by Field of Study, 1980 and 1988

[For fall of the previous year]

REGION OF ORIGIN	ENROLLMENT (1,000)									PERCENT ENROLLED IN—					
										Engineering		Science [1]		Business	
	1976	1980	1982	1983	1984	1985	1986	1987	1988	1980	1988	1980	1988	1980	1988
All regions	**179**	**286**	**326**	**337**	**339**	**342**	**344**	**350**	**356**	**25**	**20**	**8**	**9**	**16**	**18**
Africa	25	36	42	43	42	40	34	32	28	20	15	9	7	19	19
Nigeria	11	16	20	21	20	18	13	12	8	19	10	9	6	22	26
Asia [2]	97	165	181	187	193	200	210	218	224	32	25	8	10	16	18
China: Taiwan	11	18	21	21	22	23	24	26	27	17	27	15	11	17	14
Hong Kong	12	10	9	9	9	10	11	11	11	22	20	9	6	26	30
India	10	9	11	13	14	15	16	18	21	31	34	16	12	21	16
Indonesia	1	2	4	5	6	7	8	9	9	27	23	7	4	21	34
Iran	20	51	36	27	20	17	14	12	10	45	31	7	14	11	6
Japan	7	12	14	14	13	13	13	15	18	7	4	5	3	19	18
Malaysia	2	4	12	14	18	22	23	22	19	13	29	14	3	22	31
Saudi Arabia	3	10	10	9	9	8	7	6	5	30	26	4	3	14	16
South Korea	3	5	8	11	14	16	19	20	21	17	19	11	12	15	17
Thailand	7	7	7	7	7	7	7	6	6	17	14	6	5	26	31
Europe	14	23	29	32	32	33	34	36	39	15	12	9	9	14	18
Latin America [3]	30	42	55	57	52	49	45	43	45	20	14	8	6	14	17
Mexico	5	6	8	7	6	6	5	5	6	16	12	7	7	11	17
Venezuela	5	10	14	15	13	10	7	5	4	30	20	8	6	11	18
North America	10	16	15	15	16	16	16	16	16	8	9	6	7	13	16
Canada	10	15	15	14	15	15	15	16	16	8	9	6	7	12	15
Oceania	3	4	4	4	4	4	4	4	4	5	6	7	4	16	20

[1] Physical and life sciences. [2] Includes countries not shown separately. [3] Includes Central America, Caribbean, and South America.

Source: Institute of International Education, New York, NY, *Open Doors*, annual. (Copyright.)

No. 261. Higher Education Registrations in Foreign Languages: 1960 to 1986

[As of fall]

ITEM	1960	1965	1968	1970	1972	1974	1977	1980	1983	1986
Registrations [1] (1,000)	[2] 647.1	1,034.9	1,127.4	1,111.5	1,008.9	948.6	933.5	924.8	966.0	1,003.2
Index (1960=100)	100.0	159.9	174.2	171.8	155.9	146.3	144.3	142.9	149.3	155.0
By selected language (1,000):										
Spanish	178.7	310.3	364.9	389.2	364.5	362.2	376.7	379.4	386.2	411.3
French	228.8	371.6	388.1	359.3	293.1	253.1	246.1	248.4	270.1	275.3
German	146.1	213.9	216.3	202.6	177.1	152.1	135.4	126.9	128.2	121.0
Italian	11.1	22.9	30.4	34.2	33.3	33.0	33.3	34.8	38.7	40.9
Russian	30.6	33.7	40.7	36.1	36.4	32.5	27.8	24.0	30.4	34.0
Latin	[2] 25.7	39.6	35.0	27.6	24.4	25.2	24.4	25.0	24.2	25.0
Japanese	1.7	3.4	4.3	6.6	8.3	9.6	10.7	11.5	16.1	23.5
Ancient Greek	[2] 12.7	19.5	19.3	16.7	20.6	24.4	25.8	22.1	19.4	17.6
Chinese	1.8	3.4	5.1	6.2	10.0	10.6	9.8	11.4	13.2	16.9
Hebrew	3.8	8.1	10.2	16.6	21.1	22.4	19.4	19.4	18.2	15.6
Portuguese	1.0	3.0	4.0	5.1	4.8	5.1	5.0	4.9	4.4	5.1
Arabic	.5	.9	1.1	1.3	1.7	2.0	3.1	3.5	3.4	3.4

[1] Includes other foreign languages, not shown separately. [2] Estimated.

Source: Association of Departments of Foreign Languages, New York, NY, *ADFL Bulletin*, vol. 19, No. 2, and earlier issues. (Copyright.)

No. 262. General Education Graduation Requirements in Colleges and Universities: 1984 and 1989

[Refers to requirements in effect for students entering in the academic year shown. General education is defined as that part of the curriculum that all undergraduates are required to take, regardless of major, in order to graduate. Based on sample data and subject to sampling error. See source for details. Excludes specialized schools such as law and medicine]

ITEM AND ACADEMIC AREA	FOUR-YEAR SCHOOLS						TWO-YEAR SCHOOLS	
	Total		Control					
			Public		Private			
	1984	1989	1984	1989	1984	1989	1984	1989
Number of schools [1]	1,562		535		1,027		1,245	
With general education requirements	1,504		509		995		1,120	
Credits required for graduation [2]	125.9	125.8	125.1	125.0	126.3	126.1	64.4	64.3
General education	49.4	52.1	42.4	45.5	53.0	55.4	28.8	30.5
Humanities	23.5	25.0	17.0	18.3	26.8	28.4	12.0	12.6
SELECTED AREA OF STUDY								
Percent of schools with requirements in—								
Humanities:								
English composition	87.2	87.5	94.2	93.3	83.6	84.6	92.2	93.6
English or American Literature	51.8	54.8	50.6	52.7	52.3	55.8	26.7	28.0
Foreign languages and literature	19.7	23.0	9.0	9.8	25.1	29.8	4.0	4.0
History	57.7	62.5	53.1	57.3	60.1	65.2	33.6	34.6
Philosophy	34.4	37.7	14.1	18.0	44.8	47.7	6.5	7.4
Classics	3.4	4.8	3.8	4.9	3.1	4.7	–	.6
Other humanities fields	49.0	54.1	31.9	33.3	57.7	64.7	28.4	33.6
Unspecified or combination	46.8	50.8	49.7	54.2	45.2	49.1	41.9	48.6
Other selected fields:								
Studio and performing arts	22.4	25.1	24.4	27.3	21.4	23.9	1.3	5.3
Social sciences	73.3	80.2	74.0	76.4	72.9	82.2	63.0	68.5
Mathematics	46.3	58.7	52.4	65.0	43.2	55.5	54.5	64.3
Natural and physical sciences	59.7	66.6	62.2	70.8	58.5	64.5	49.8	55.5
Mathematics and/or science	31.9	32.2	35.1	34.1	30.3	31.3	33.8	36.3
Graduation requirements—minimum credits in— [3]								
Humanities:								
English composition	4.5	4.6	5.0	5.1	4.3	4.4	4.5	4.7
English or American literature	2.3	2.4	2.3	2.4	2.3	2.4	1.1	1.1
Foreign languages and literature	1.8	2.0	.6	.6	2.4	2.7	.2	.2
History	3.2	3.4	2.6	2.9	3.5	3.7	1.8	1.8
Philosophy	1.6	1.8	.4	.5	2.2	2.4	.3	.3
Classics	.1	.2	.1	.2	.1	.3	–	–
Other humanities fields	5.9	6.2	1.8	2.1	8.0	8.4	1.5	1.8
Unspecified or combination	4.1	4.3	4.2	4.6	4.0	4.2	2.5	2.8
Other selected fields:								
Studio and performing arts	4.2	4.1	1.9	2.1	5.4	5.1	.1	.2
Social sciences	5.2	5.6	5.8	6.1	4.9	5.3	4.1	4.3
Mathematics	2.0	2.5	2.3	2.7	1.9	2.4	2.5	2.8
Natural and physical sciences	4.1	4.5	4.7	5.4	3.7	4.0	3.1	3.3
Mathematics and/or science	2.3	2.2	2.4	2.3	2.2	2.2	1.9	2.1

– Represents or rounds to zero. [1] As of spring 1988. [2] Semester hours. [3] Based on all schools with general education requirements, including those with no credit hours required in a particular subject.

Source: U.S. National Science Foundation, U.S. National Endowment for the Humanities, and U.S. Department of Education, *Undergraduate General Education and Humanities Requirements*, January 1989.

No. 263. Higher Education Price Indexes: 1965 to 1988

[1983=100. For years ending June 30. Reflects prices paid by colleges and universities]

Year	Index, total	Annual percent change [1]	Personnel compensation: Total	Personnel compensation: Professional salaries	Personnel compensation: Nonprofessional salaries	Personnel compensation: Fringe benefits	Contracted services, supplies, and equipment: Total	Contracted services, supplies, and equipment: Services	Contracted services, supplies, and equipment: Supplies and materials	Contracted services, supplies, and equipment: Equipment	Contracted services, supplies, and equipment: Books, periodicals	Contracted services, supplies, and equipment: Utilities
1965	29.3	4.3	29.8	34.9	31.0	13.7	27.3	35.8	33.8	36.0	19.3	15.7
1970	39.2	6.8	41.4	47.7	38.8	25.7	31.6	42.8	37.6	41.9	25.7	16.3
1975	53.8	8.4	55.5	60.3	54.6	42.4	48.3	56.8	58.0	58.3	46.7	31.8
1977	61.1	6.5	62.8	66.4	63.2	51.9	55.7	63.0	63.8	64.8	57.0	40.5
1978	65.2	6.7	66.8	69.8	68.1	57.0	59.9	66.6	66.6	69.3	61.0	45.9
1979	70.2	7.7	72.0	74.1	73.5	64.6	64.6	70.6	71.7	74.7	67.3	50.3
1980	77.2	9.9	78.0	79.3	80.2	72.0	74.6	76.3	84.6	81.6	77.5	64.1
1981	85.5	10.7	85.4	86.3	87.7	80.9	85.6	85.1	95.6	89.6	85.2	79.7
1982	94.0	10.0	93.7	93.7	94.6	92.9	95.0	94.7	100.4	96.4	94.4	92.4
1983	100.0	6.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1984	105.4	5.4	106.1	104.7	105.1	111.3	102.9	104.7	103.1	102.2	103.6	100.8
1985	112.5	6.7	114.4	111.4	109.1	127.8	106.1	109.3	105.4	104.8	107.5	103.0
1986	117.4	4.4	120.9	118.2	113.0	135.6	106.0	114.4	104.2	106.9	112.6	95.5
1987	122.3	4.2	127.5	125.1	116.2	144.2	105.3	118.1	103.5	108.8	123.6	84.4
1988	127.6	4.4	133.2	131.0	120.3	151.1	109.4	122.4	107.9	110.9	138.1	84.4

[1] Change from immediate prior year.

Source: Research Associates of Washington, Washington, DC, *Higher Education Prices and Price Indexes*, annual.

No. 264. Institutions of Higher Education—Finances: 1975 to 1986

[In millions of dollars. For fiscal years ending in year shown. For coverage, see headnote, table 256. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 729-738 and H 747-749]

Item	1975	1980	1982	1983	1984	1985	1986: Total	1986: Public	1986: Private
Current funds revenues	**35,687**	**58,520**	**72,191**	**77,596**	**84,417**	**92,473**	**100,438**	**65,005**	**35,433**
Tuition and fees	7,233	11,930	15,774	17,776	19,715	21,283	23,117	9,439	13,677
Federal Government	4,991	7,772	8,320	8,181	8,783	9,615	10,466	6,699	3,767
State government	10,857	18,378	21,849	23,066	24,707	27,583	29,912	29,221	691
Local government	1,424	1,588	1,938	2,031	2,192	2,387	2,545	2,326	219
Endowment earnings	718	1,177	1,597	1,721	1,874	2,096	2,276	398	1,877
Private gifts, grants, and contracts [1]	1,745	2,808	3,564	4,053	4,415	4,896	5,410	2,110	3,301
Educational activities [2]	555	1,239	1,583	1,723	1,971	2,126	2,373	1,597	777
Auxiliary enterprises	4,080	6,481	8,122	8,770	9,456	10,100	10,674	6,685	3,989
Other funds revenues [3]	4,083	7,146	9,446	10,275	11,304	12,384	13,664	6,529	7,135
Plant funds [4]	3,311	4,382	5,185	[5] 4,997	6,238	6,737	7,713	5,458	2,255
Increase in fund balance	486	2,153	2,224	[5] 5,322	2,410	4,653	7,239	964	6,275
Endowment	229	1,874	2,030	[5] 4,875	2,148	4,302	6,792	880	5,912
Annuity and life income	26	64	49	[5] 177	69	153	235	11	224
Loans	231	215	145	[5] 269	193	198	212	73	139
Current funds expenditures [6]	**35,058**	**56,914**	**70,339**	**75,936**	**81,993**	**89,951**	**97,536**	**63,194**	**34,342**
Educational and general	27,548	44,543	54,849	58,929	63,741	70,061	76,128	50,873	25,255
Instruction	11,798	18,497	22,963	24,673	26,436	28,777	31,032	21,881	9,151
Institutional support	3,057	5,054	6,471	6,951	7,763	8,588	9,351	5,667	3,684
Research	3,132	5,099	5,930	6,265	6,724	7,552	8,437	5,705	2,732
Plant operation [7]	2,787	4,700	5,979	6,392	6,730	7,346	7,605	5,177	2,428
Academic support	2,256	3,876	4,656	5,087	5,531	6,075	6,667	4,694	1,974
Libraries	1,002	1,624	1,922	2,040	2,231	2,361	2,551	1,685	866
Student services	1,439	2,567	3,177	3,461	3,798	4,178	4,563	2,922	1,641
Scholarships and fellowships	1,450	2,200	2,685	2,923	3,302	3,671	4,160	1,576	2,584
Unrestricted funds	632	905	1,236	1,479	1,738	1,962	2,285	697	1,588
Restricted funds	818	1,296	1,449	1,444	1,563	1,709	1,875	879	996
Public service	1,098	1,817	2,204	2,320	2,499	2,861	3,120	2,516	604
Mandatory transfers	532	732	784	857	958	1,015	1,192	735	457
Auxiliary enterprises [6]	4,074	6,486	7,998	8,614	9,250	10,012	10,528	6,830	3,698
Hospitals [6]	2,351	4,757	6,234	6,986	7,380	8,011	8,692	5,359	3,333
Independent operations [6]	1,087	1,128	1,259	1,406	1,622	1,868	2,187	132	2,055
Gross addition to plant value [8]	**4,761**	**5,551**	**6,975**	**7,421**	**7,604**	**8,306**	**10,149**	**6,875**	**3,274**
Value of plant (grounds, buildings, equipment)	**62,183**	**83,733**	**94,517**	**100,993**	**107,640**	**114,764**	**122,261**	**82,553**	**39,708**
Endowment (book value) [9]	**13,403**	**18,561**	**23,085**	**26,352**	**29,502**	**33,399**	**38,698**	**7,442**	**31,257**

[1] Private grants represent nongovernmental revenue for sponsored research and other sponsored programs; includes private contracts. [2] Sales and services of educational departments only. [3] Includes sales and services of hospitals, federally funded research and development centers, and other sources. [4] Annual net increase in plant funds. [5] 1983 data estimated. [6] Includes mandatory transfers which are primarily current expenditures for plant. [7] Includes maintenance. [8] Includes expenditures from current funds for plant expansion. [9] Includes funds functioning as endowment funds.

Source: U.S. Dept. of Education, National Center for Education Statistics, *Digest of Education Statistics*, annual.

NO. 265. UNDERGRADUATE STUDENTS RECEIVING FINANCIAL AID, BY SOURCE OF AID, CONTROL, AND LEVEL OF INSTITUTION: 1986–1987

[For students enrolled in the fall. Based on survey and subject to sampling error; see source]

ATTENDANCE STATUS, INSTITUTIONAL CONTROL, AND LEVEL	Total enrolled (1,000)	PERCENT RECEIVING AID BY SOURCE					AVERAGE AMOUNT OF AID BY SOURCE (dol.)				
		Any aid [1]	Federal	State	Institutional	Other	Any aid [1]	Federal	State	Institutional	Other
Total full-time, full-year	**5,621.3**	**59.2**	**47.7**	**22.1**	**21.4**	**7.3**	**3,813**	**2,973**	**1,280**	**2,098**	**1,416**
Public [2]	3,946.3	52.3	41.9	19.4	13.2	6.3	2,887	2,616	916	1,204	1,137
4-year doctoral	1,744.6	52.7	41.0	17.1	16.6	7.1	3,337	2,970	1,091	1,521	1,336
Other 4-year	1,045.4	55.9	47.2	25.1	11.1	5.9	2,957	2,630	928	996	1,070
2-year	1,104.8	47.4	37.3	17.7	10.3	5.6	2,053	2,008	636	627	819
Private, not for profit [2]	1,392.3	73.4	57.0	31.4	48.2	10.5	5,633	3,525	1,873	2,790	1,777
4-year doctoral	538.0	67.9	52.7	25.0	44.7	9.6	6,509	3,843	2,047	3,691	2,251
Other 4-year	772.2	77.3	59.7	35.7	52.6	11.3	5,265	3,394	1,824	2,319	1,531
2-year	72.9	73.5	58.8	33.3	34.2	8.3	3,957	2,928	1,424	1,776	1,208
Private, for profit	282.7	86.4	82.6	13.3	4.8	4.5	4,025	3,631	1,825	2,182	2,751
Total, all other	**5,324.3**	**30.9**	**21.4**	**7.0**	**6.2**	**6.4**	**2,199**	**2,203**	**851**	**1,232**	**1,009**
Public [2]	4,426.8	25.2	16.5	6.3	4.8	5.7	1,718	1,808	623	905	803
4-year doctoral	764.0	34.2	23.6	7.3	9.4	6.3	2,374	2,347	817	1,236	1,308
Other 4-year	617.4	33.1	24.0	9.6	5.7	5.4	1,846	1,903	692	936	606
2-year	2,971.2	21.0	12.9	5.3	3.4	5.6	1,405	1,518	521	680	708
Private, not for profit [2]	597.7	47.6	29.1	11.8	18.2	13.2	3,049	2,559	1,421	1,857	1,457
4-year doctoral	196.5	47.3	27.6	10.2	20.1	15.0	3,750	2,985	1,749	2,587	1,615
Other 4-year	337.6	46.7	28.2	12.3	17.9	13.6	2,769	2,369	1,318	1,465	1,398
2-year	56.4	51.5	35.7	13.0	14.8	5.4	2,241	2,256	1,084	1,117	740
Private, for profit	299.8	81.6	78.6	8.0	3.3	3.1	3,413	3,182	1,755	1,348	2,760

[1] Excludes duplication. Includes students who did not specify source of aid. [2] Includes less than 2-year schools, not shown separately.

Source: U.S. National Center for Education Statistics, *Undergraduate Financing of Postsecondary Education*, May 1988.

NO. 266. POSTBACCALAUREATE STUDENTS RECEIVING FINANCIAL AID BY SOURCE OF AID, LEVEL OF STUDY, AND CONTROL OF INSTITUTION: 1986–1987

[**As of fall.** Based on survey and subject to sampling error; see source]

ATTENDANCE STATUS, LEVEL OF STUDY, AND CONTROL OF INSTITUTION	Total students	PERCENT RECEIVING AID BY SOURCE					AMOUNT OF AID BY SOURCE (dol.)				
		Any aid [1]	Federal	State	Institutional	Employer	Any aid [1]	Federal	State	Institutional	Employer
Total students, full-time	**645,571**	**74.3**	**44.3**	**9.9**	**48.1**	**3.9**	**9,602**	**7,011**	**3,562**	**6,354**	**4,023**
Master's level	277,705	68.7	31.9	6.2	47.6	5.9	7,805	4,962	2,735	6,353	3,813
Public institution	171,541	67.5	29.3	6.1	48.0	4.7	6,956	4,314	2,547	6,046	(B)
4-year doctoral	133,975	70.8	28.8	5.3	51.3	4.6	7,452	4,523	(B)	6,596	(B)
Other 4-year	37,566	55.6	31.0	9.1	36.2	5.1	4,706	3,643	(B)	3,112	(B)
Private institution	106,163	70.6	36.1	6.2	47.1	7.9	9,167	5,866	3,031	6,869	4,583
4-year doctoral	85,814	72.1	35.6	6.1	50.6	7.8	9,916	6,183	3,059	7,439	4,934
Other 4-year	20,349	64.2	38.2	6.7	32.1	8.4	5,532	4,559	(B)	3,287	(B)
Doctoral level	96,990	87.9	22.9	5.6	76.3	6.3	10,762	5,795	(B)	9,180	(B)
Public institution	59,207	89.9	22.5	7.0	77.5	6.5	9,219	5,125	(B)	7,731	(B)
Private institution	37,783	84.7	23.7	3.4	74.5	6.0	13,475	6,899	(B)	11,697	(B)
First-professional level	270,876	75.3	64.7	15.2	38.4	1.0	10,717	8,187	3,790	4,322	2,365
Public institution	87,231	75.5	64.6	13.5	32.6	1.2	7,969	6,659	2,871	2,411	(B)
Private institution	183,645	75.2	64.8	16.0	41.2	1.0	12,066	8,934	4,171	5,057	(B)
Total students, part-time	**608,577**	**38.2**	**10.1**	**2.0**	**20.3**	**11.1**	**4,989**	**3,806**	**2,116**	**5,774**	**1,750**
Master's level	519,803	35.9	9.2	1.7	17.4	11.9	4,150	3,530	2,011	4,874	1,730
Public institution	330,910	32.7	7.4	2.1	18.7	8.4	3,982	3,271	(B)	4,808	729
4-year doctoral	189,368	35.3	8.3	2.1	19.8	9.7	4,790	3,539	(B)	5,949	733
Other 4-year	141,542	29.1	6.2	2.0	17.2	6.8	2,585	(B)	(B)	2,903	721
Private institution	188,893	41.6	12.4	1.2	15.0	17.9	4,372	3,792	(B)	5,014	2,457
4-year doctoral	109,190	45.1	14.0	1.4	17.6	18.9	4,823	4,108	(B)	5,279	2,892
Other 4-year	79,702	36.9	10.1	.8	11.5	16.6	3,550	3,152	(B)	4,389	1,748
Doctoral level	69,513	52.4	11.1	2.7	42.3	6.9	8,286	(B)	(B)	8,295	(B)
Public institution	51,418	49.9	11.8	2.8	42.3	5.1	8,084	(B)	(B)	7,881	(B)
Private institution	18,095	59.5	9.1	2.2	42.1	11.7	8,754	(B)	(B)	9,453	(B)
First-professional level	19,261	49.5	30.4	5.3	19.4	7.0	6,462	5,481	(B)	(B)	(B)

B Base too small to meet statistical standards for reliability of a derived figure. [1] Excludes duplication. Includes students who did not specify source of aid.

Source: U.S. National Center for Education Statistics, *Student Financing of Graduate and Professional Education*, March 1989.

NO. 267. MAJOR FEDERAL STUDENT FINANCIAL ASSISTANCE PROGRAMS—NUMBER OF RECIPIENTS AND FUNDS UTILIZED, BY TYPE OF PROGRAM: 1970 TO 1990

[For award years **July 1** of year shown to the following **June 30**. For information on various programs, see source. Funds utilized exclude operating costs, etc., and represent funds given to students]

PROGRAM	Unit	1970	1980	1983	1984	1985	1986	1987, est.	1988, est.	1989, est.	1990, est.
Pell Grants:											
Number of recipients	1,000	(x)	2,858	2,849	2,830	2,910	2,709	3,000	3,123	3,096	3,142
Funds utilized	Mil. dol.	(x)	2,387	2,792	3,035	3,572	3,496	3,746	4,511	4,517	4,628
Average grant	Dollars	(x)	835	980	1,073	1,227	1,291	1,249	1,444	1,459	1,473
Supplemental Educational Opportunity Grants: [1]											
Number of recipients	1,000	253.4	716.5	648.6	652.0	686.0	631.2	634.7	561.0	632.0	688.0
Funds utilized	Mil. dol.	134	368	361	374	410	399	419	393	442	482
Average grant	Dollars	527	513	557	573	598	633	659	700	700	700
Perkins Loans: [2]											
Number of recipients	1,000	452.0	813.4	718.6	697.2	700.9	715.8	673.5	803.0	840.0	702.0
Loan funds utilized [3]	Mil. dol.	241	694	682	677	703	763	805	859	898	751
Average loan	Dollars	532	853	949	971	1,003	1,067	1,195	1,070	1,070	1,070
Loans in default [4]	Mil. dol.	(NA)	608.1	668.0	690.1	690.7	771.2	749.8	(NA)	(NA)	(NA)
Default rate	Percent	(NA)	11.9	9.5	8.3	7.7	8.0	7.3	(NA)	(NA)	(NA)
College Work-Study:											
Number of recipients	1,000	425.0	819.1	771.8	735.5	728.4	689.8	685.5	785.0	867.0	895.0
Funds utilized [3]	Mil. dol.	200	660	684	645	656	629	635	706	780	805
Average annual earnings	Dollars	470	806	886	877	901	912	926	900	900	900
Stafford Loans: [5]											
Number of loans	1,000	1,017	2,904	3,268	3,722	3,728	3,780	4,381	4,304	4,353	4,631
Loan funds utilized [6]	Mil. dol.	1,015	6,200	7,578	8,608	8,831	9,099	11,385	11,273	11,528	12,476
Average loan	Dollars	998	2,135	2,319	2,313	2,369	2,407	2,599	2,619	2,648	2,694
Loans in default	Mil. dol.	(NA)	1,694	3,191	4,227	5,617	6,991	8,457	(NA)	(NA)	(NA)
Default rate [7]	Percent	(NA)	9.7	8.3	8.9	9.4	9.5	9.2	(NA)	(NA)	(NA)

NA Not available. X Not applicable. [1] For 1970, data represents Educational Opportunity Grants Program. [2] Formerly National Direct Student Loans. [3] Includes institutional matching funds. [4] Loans in default represents all loans in institutions' portfolio. [5] Formerly Guaranteed Student Loans. Beginning with 1983, data include activity under the PLUS (Parent Loans for Undergraduate Students), FISL (Federally Insured Student Loans), and SLS (Supplemental Loans for Students) programs. [6] Represents dollar amount of commitments. [7] Cumulative dollar amount of default claims to lenders, minus cumulative collections as a percent of cumulative matured loans.

Source: U.S. Dept. of Education, Office of Postsecondary Education, unpublished data.

NO. 268. FINANCES OF PUBLIC INSTITUTIONS OF HIGHER EDUCATION, 1986 TO 1988, AND BY STATE, 1988

[**For academic years ending in year shown.** Data provided by the State higher education finance officers]

YEAR AND STATE	FTE [1] enrollment (1,000)	APPROPRIATIONS FOR CURRENT OPERATIONS [2]		NET TUITION REVENUES [3]	
		Total (mil. dol.)	Per FTE [1] student (dol.)	Total (mil. dol.)	Per FTE [1] student (dol.)
Total, 1986	7,019.7	26,337.2	3,752	7,878.9	1,122
Total, 1987	7,128.0	28,021.4	3,931	8,446.5	1,185
Total, 1988	**7,250.8**	**29,667.8**	**4,092**	**9,212.3**	**1,271**
AL	143.2	514.4	3,591	203.9	1,423
AK	13.7	123.7	9,052	18.7	1,368
AZ	137.3	505.4	3,679	184.9	1,346
AR	57.6	198.5	3,449	71.7	1,246
CA	1,038.2	5,133.4	4,945	521.0	502
CO	117.0	325.2	2,780	220.3	1,883
CT	59.2	343.2	5,801	88.8	1,501
DE	21.8	92.7	4,244	72.1	3,301
DC	7.7	71.7	9,326	6.2	806
FL	240.6	1,081.8	4,495	255.8	1,063
GA	166.5	675.0	4,055	199.4	1,198
HI	27.8	189.0	6,805	20.0	720
ID	30.0	133.6	4,447	20.1	669
IL	352.9	1,203.9	3,411	332.5	942
IN	155.6	585.4	3,762	281.1	1,807
IA	93.9	366.4	3,903	167.3	1,782
KS	94.7	329.8	3,481	114.8	1,212
KY	95.4	351.7	3,686	123.0	1,289
LA	121.1	322.9	2,667	184.3	1,522
ME	26.8	132.2	4,938	41.2	1,539
MD	149.7	533.4	3,563	234.9	1,569
MA	125.6	688.7	5,482	178.2	1,419
MI	325.4	1,208.5	3,714	695.7	2,138
MN	164.4	670.6	4,080	207.2	1,261
MS	83.4	239.1	2,867	119.1	1,428
MO	127.1	465.2	3,661	187.2	1,473
MT	25.9	92.7	3,577	20.8	803
NE	53.7	182.3	3,395	65.8	1,226
NV	24.1	98.3	4,085	24.5	1,018
NH	23.9	62.5	2,618	73.6	3,083
NJ	151.8	831.6	5,477	221.4	1,458
NM	50.0	223.4	4,470	37.5	750
NY	417.2	2,548.6	6,108	501.9	1,203
NC	238.1	987.0	4,145	158.9	667
ND	30.2	90.9	3,014	41.8	1,386
OH	314.4	1,045.1	3,324	573.3	1,823
OK	103.0	370.9	3,602	91.7	891
OR	94.5	354.9	3,754	122.3	1,294
PA	262.1	1,014.3	3,870	631.5	2,410
RI	25.8	116.0	4,502	50.3	1,952
SC	102.8	374.0	3,638	167.8	1,632
SD	17.8	53.5	3,012	32.7	1,841
TN	122.0	516.1	4,232	163.1	1,337
TX	544.2	1,673.8	3,076	500.3	919
UT	56.2	227.2	4,045	63.0	1,122
VT	14.8	29.9	2,018	73.0	4,972
VA	191.9	702.8	3,662	299.4	1,560
WA	150.7	599.6	3,979	155.9	1,035
WV	53.3	153.6	2,883	60.7	1,139
WI	187.4	717.6	3,829	317.2	1,693
WY	18.7	115.8	6,203	14.5	777

[1] Full-time equivalent (FTE). Credit and non-credit program enrollment including summer session. Excludes medical enrollments. [2] State and local appropriations. Includes aid to students attending in-State public institutions. Excludes sums for research, agriculture stations and cooperative extension, and hospitals and medical schools. [3] Excludes appropriated aid to students attending in-State public institutions.

Source: Research Associates of Washington, Washington, DC, *State Profiles: Financing Public Higher Education*, annual.

No. 269. Institutions of Higher Education—Charges: 1970 to 1988

[**In dollars.** Estimated. Data are for the entire academic year ending in year shown. Figures for 1970 are average charges for full-time resident degree-credit students; figures for later years are average charges per full-time equivalent student. Room and board are based on full-time students]

Academic control and year	Tuition and required fees				Board rates				Dormitory charges			
	All institutions	2-yr. colleges	4-yr. universities	Other 4-yr. schools	All institutions	2-yr. colleges	4-yr. universities	Other 4-yr. schools	All institutions	2-yr. colleges	4-yr. universities	Other 4-yr. schools
Public:												
1970	323	178	427	306	511	465	540	483	369	308	395	346
1975	432	277	599	448	625	638	634	613	506	424	527	497
1980	583	355	840	662	867	894	898	833	715	572	749	703
1984	891	528	1,284	1,052	1,178	1,205	1,213	1,141	1,087	801	1,131	1,092
1985	971	584	1,386	1,117	1,241	1,302	1,276	1,201	1,196	921	1,237	1,200
1986	1,044	641	1,536	1,157	1,300	1,380	1,320	1,240	1,240	960	1,290	1,240
1987, est	1,106	660	1,651	1,248	1,468	1,417	1,537	1,416	1,301	979	1,355	1,295
1988, est	1,160	690	1,750	1,320	1,520	1,490	1,600	1,470	1,350	1,050	1,410	1,340
Private:												
1970	1,533	1,034	1,809	1,468	561	546	608	543	436	413	503	409
1975	2,117	1,367	2,614	1,954	700	660	771	666	586	564	691	536
1980	3,130	2,062	3,811	3,020	955	924	1,078	911	827	769	999	768
1984	4,851	3,099	6,217	4,726	1,380	1,219	1,559	1,327	1,278	1,253	1,531	1,191
1985	5,314	3,485	6,843	5,135	1,462	1,294	1,647	1,405	1,426	1,424	1,753	1,309
1986	5,778	3,672	7,374	5,641	1,540	1,340	1,720	1,490	1,550	1,500	1,940	1,420
1987, est	6,316	3,684	8,118	6,171	1,788	1,506	2,166	1,667	1,658	1,266	2,097	1,518
1988, est	6,820	3,910	8,770	6,670	1,900	1,600	2,310	1,770	1,760	1,360	2,250	1,610

Source: U.S. Department of Education, National Center for Education Statistics, *Digest of Education Statistics*, annual.

No. 270. Voluntary Financial Support of Higher Education: 1970 to 1988

[For school years ending in years shown; enrollment as of **fall** of preceding year. Voluntary support, as defined in *Gift Reporting Standards*, excludes income from endowment and other invested funds as well as all support received from Federal, State, and local governments and their agencies]

Item	Unit	1970	1980	1982	1983	1984	1985	1986	1987	1988
Estimated support, total [1]	**Mil. dol**	**1,780**	**3,800**	**4,860**	**5,160**	**5,500**	**6,320**	**7,400**	**8,500**	**8,200**
Foundations	Mil. dol	484	903	1,003	1,018	1,081	1,175	1,363	1,513	1,607
Individuals	Mil. dol	822	1,757	2,337	2,427	2,621	2,876	3,606	4,412	3,969
Alumni	Mil. dol	381	910	1,240	1,237	1,305	1,460	1,825	2,346	2,042
Business corporations	Mil. dol	269	696	976	1,112	1,271	1,574	1,702	1,819	1,853
Religious denominations	Mil. dol	102	155	175	206	190	208	211	204	197
Current operations	Mil. dol	951	2,250	2,870	3,125	3,405	3,800	4,022	4,420	4,666
Capital purposes	Mil. dol	829	1,550	1,990	2,035	2,195	2,520	3,378	4,080	3,534
Enrollment, higher education	1,000	8,094	11,570	12,372	12,426	12,465	12,242	12,247	12,505	12,768
Support per student	Dollars	220	328	393	415	449	516	604	680	642
In **1982–84** dollars	Dollars	582	423	419	423	441	488	556	609	554
Expenditures, higher education	Bil. dol	24.7	62.5	77.3	83.3	89.6	98.3	105.7	115.9	122.9
Expenditures per student	Dollars	3,052	5,402	6,248	6,704	7,188	8,030	8,631	9,268	9,626
In **1982–84** dollars	Dollars	8,074	6,970	6,668	6,834	7,061	7,590	7,948	8,305	8,298
Institutions reporting support	Number	1,045	1,019	1,101	1,137	1,118	1,114	1,194	1,174	1,142
Total support reported	**Mil. dol**	**1,472**	**3,055**	**4,086**	**4,368**	**4,686**	**5,295**	**6,332**	**7,323**	**7,041**
Private 4-year institutions	Mil. dol	1,154	2,178	2,835	2,968	3,146	3,522	4,164	4,844	4,466
Public 4-year institutions	Mil. dol	292	856	1,217	1,362	1,504	1,728	2,104	2,413	2,506
Two-year colleges	Mil. dol	26	20	34	38	35	45	64	65	69

[1] Includes other contributions not shown separately.

Source: Council for Aid to Education, New York, NY, *Voluntary Support of Education*, annual.

No. 271. Institutions of Higher Education—Average Salaries and Fringe Benefits for Faculty Members, by Type of Control: 1970 to 1989

[**In thousands of dollars.** For academic year ending in year shown. Figures are for 9 months teaching for full-time faculty members in four-year colleges and universities]

Type of control and academic rank	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
AVERAGE SALARIES												
Public: All ranks	13.1	16.6	22.1	23.9	26.2	28.6	29.4	31.2	33.4	35.8	37.2	39.6
Professor	17.3	21.7	28.8	31.0	33.7	36.0	37.1	39.6	42.3	45.3	47.2	50.1
Associate professor	13.2	16.7	21.9	23.4	25.7	27.5	28.4	30.2	32.2	34.2	35.6	37.9
Assistant professor	10.9	13.7	18.0	19.2	21.2	22.6	23.5	25.0	26.7	28.5	29.6	31.7
Instructor	9.1	11.2	14.8	15.1	16.7	17.7	19.1	19.5	20.9	21.8	22.2	23.9
Private: [1] All ranks	13.1	16.6	22.1	24.4	26.8	29.2	31.1	33.0	35.4	37.8	39.7	42.4
Professor	17.8	22.4	30.1	32.7	35.8	38.8	41.5	44.1	47.0	50.3	52.2	55.9
Associate professor	12.6	16.0	21.0	23.1	25.4	27.5	29.4	30.9	32.9	34.9	36.6	38.8
Assistant professor	10.3	13.0	17.0	18.4	20.4	22.1	23.7	25.0	26.8	28.3	30.1	31.9
Instructor	8.6	10.9	13.3	14.4	15.9	17.6	18.4	19.0	19.8	20.4	22.7	24.1
AVERAGE FRINGE BENEFITS												
All ranks combined:												
Public	1.9	2.5	3.9	4.7	5.1	5.4	6.0	7.0	7.3	7.8	8.2	9.0
Private [1]	2.2	2.8	4.1	4.9	5.4	5.7	6.4	7.2	8.0	8.6	9.2	10.0

[1] Excludes church-related colleges and universities.

Source: Maryse Eymonerie Associates, Hilton Head, SC, *Annual Report on the Economic Status of the Profession*.

No. 272. Institutions of Higher Education—Tenure Status of Full-Time Faculty, by Type of Institution and Rank of Faculty: 1988

[Data are for those institutions of higher education reporting tenure status. Excludes schools with no tenure]

Control of institution and status	Type of institution				Rank of faculty				
	Total [1]	University	Other 4-yr. colleges	2-yr. colleges	Professor	Associate professor	Assistant professor	Instructor	Lecturer
Public									
Total faculty	254,959	91,642	117,287	46,030	84,811	66,472	58,763	16,062	6,091
With tenure	171,955	61,867	75,769	34,319	81,621	55,983	15,142	1,417	629
Percent	67.4	67.5	64.6	74.6	96.2	84.2	25.8	8.8	10.3
Private									
Total faculty	95,348	32,795	61,457	1,096	32,485	27,011	27,163	5,712	1,497
With tenure	55,611	20,606	34,465	540	30,693	20,216	3,914	132	38
Percent	58.3	62.8	56.1	49.3	94.5	74.8	14.4	2.3	2.5

[1] Includes instructional faculty with no academic rank, not shown separately.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

No. 273. Salary Offers to Candidates for Degrees, by Field of Study: 1980 to 1989

[**In dollars.** Data are average beginning salaries based on offers made by business, industrial, government, and nonprofit and educational employers to graduating students. Data from representative colleges throughout U.S.]

Field of study	Bachelor's				Master's [1]				Doctor's			
	Monthly salary			Annual salary, 1989	Monthly salary			Annual salary, 1989	Monthly salary			Annual salary, 1989
	1980	1985	1988		1980	1985	1988		1980	1985	1988	
Accounting	1,293	1,697	2,010	25,290	1,517	2,005	2,290	28,874	(NA)	(NA)	(NA)	(NA)
Business, general [2]	1,218	1,636	1,772	22,274	1,795	2,382	2,791	33,903	(NA)	(NA)	(NA)	(NA)
Marketing [3]	1,145	1,548	1,757	22,523	1,794	2,454	2,608	34,462	(NA)	(NA)	(NA)	(NA)
Engineering:												
Civil	1,554	1,969	2,119	26,735	1,753	2,363	2,467	30,723	2,089	2,507	3,144	37,214
Chemical	1,801	2,369	2,584	32,949	1,947	2,596	2,871	36,131	2,452	3,405	3,800	47,853
Computer engineering	(NA)	(NA)	(NA)	30,413	(NA)	(NA)	(NA)	37,183	(NA)	(NA)	(NA)	53,380
Electrical [4]	1,690	2,283	2,474	30,661	1,912	2,727	3,008	36,435	2,534	3,542	4,116	48,666
Mechanical	1,703	2,259	2,451	30,539	1,893	2,621	2,840	35,260	2,426	3,168	3,853	45,893
Nuclear [5]	1,668	2,283	2,373	31,281	1,831	2,582	2,655	34,024	(NA)	(NA)	(NA)	(NA)
Petroleum	1,987	2,563	2,672	32,987	(NA)	(NA)	(NA)	38,475	(NA)	(NA)	(NA)	(NA)
Engineering technology	1,585	2,137	2,290	28,310	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Chemistry	1,459	1,897	2,192	26,698	1,688	2,177	2,664	32,157	2,261	3,032	3,415	43,215
Mathematics [6]	1,475	2,047	2,237	26,789	1,685	2,337	2,446	31,498	2,199	2,977	3,590	37,500
Physics	(NA)	(NA)	2,378	28,296	(NA)	(NA)	3,194	29,889	2,303	3,176	3,447	42,632
Humanities	1,074	1,461	1,630	23,010	1,309	1,514	1,674	25,799	(NA)	(NA)	(NA)	(NA)
Social sciences [7]	1,072	1,545	1,881	20,205	1,298	1,771	1,920	23,814	(NA)	(NA)	(NA)	(NA)
Computer science	1,558	2,082	2,276	28,557	1,858	2,584	2,866	35,823	(NA)	(NA)	3,917	50,049

NA Not available. [1] Candidates with 1 year or less of full-time nonmilitary employment. [2] For master's degree, offers are after nontechnical undergraduate degree. [3] Includes distribution. [4] Includes computer engineering through 1988. [5] Includes engineering physics. [6] Beginning 1989, excludes actuarial. [7] Excludes economics.

Source: College Placement Council, Inc., Bethlehem, PA, *Salary Survey, A Study of Beginning Offers*, annual. (Copyright.)

No. 274. Earned Degrees Conferred, by Level of Degree and Sex: 1950 to 1987

[**In thousands, except percent.** Beginning **1960**, includes Alaska and Hawaii. See *Historical Statistics, Colonial Times to 1970*, series H-751-763 for similar data. See also Appendix III]

Year	Degrees		Bachelor's		Master's		First professional		Doctor's	
	Total	Percent male	Male	Female	Male	Female	Male	Female	Male	Female
1950	497	75.7	[1] 329	[1] 103	41	17	([2])	([2])	6	1
1960	477	65.8	[1] 254	[1] 138	51	24	([2])	([2])	9	1
1965	664	66.5	289	213	78	40	27	1	15	2
1970	1,065	59.7	451	341	126	83	33	2	26	4
1975	1,305	56.9	505	418	162	131	49	7	27	7
1976	1,334	56.3	505	421	167	145	53	10	26	8
1977	1,334	55.5	496	424	168	149	52	12	25	8
1978	1,332	54.4	487	434	161	150	52	14	24	8
1979	1,324	53.4	477	444	153	148	53	16	24	9
1980	1,330	52.6	474	456	151	147	53	17	23	10
1981	1,336	51.8	470	466	147	149	53	19	23	10
1982	1,353	51.2	473	480	146	150	52	20	22	10
1983	1,365	51.1	479	490	145	145	51	22	22	11
1984	1,366	51.2	482	492	144	141	51	23	22	11
1985	1,374	50.8	483	497	143	143	50	25	22	11
1986	1,384	50.6	486	502	144	145	49	25	22	12
1987 [3]	1,388	49.8	481	510	141	148	47	25	22	12

[1] Includes first-professional degrees. [2] First-professional degrees are included with bachelor's degrees. [3] Preliminary.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

No. 275. Earned Degrees Conferred, by Field of Study and Level of Degree: 1971 to 1987

Level and field of study	1971	1980	1983	1984	1985	1986	1987	Percent female 1971	Percent female 1987
Bachelor's, total	**839,730**	**929,417**	**969,510**	**974,309**	**979,477**	**987,823**	**991,339**	**43.4**	**51.5**
Agriculture and natural resources	12,672	22,802	20,909	19,317	18,107	16,823	14,991	4.2	31.2
Architecture and environmental design	5,570	9,132	9,823	9,186	9,325	9,119	8,922	11.9	37.3
Area and ethnic studies	2,582	2,840	2,971	2,879	2,867	3,060	3,340	52.4	61.7
Business and management	114,865	185,361	226,893	230,031	233,351	238,160	241,156	9.1	46.5
Communications [1]	10,802	28,616	38,602	40,165	42,083	43,091	45,408	35.3	60.0
Computer and information sciences	2,388	11,154	24,510	32,172	38,878	41,889	39,664	13.6	34.6
Education	176,614	118,169	97,991	92,382	88,161	87,221	87,115	74.5	76.2
Engineering [1]	50,046	68,893	89,270	94,444	96,105	95,953	93,074	.8	13.7
Foreign languages	19,945	11,133	9,685	9,479	9,954	10,102	10,184	74.6	72.6
Health sciences	25,190	63,607	64,614	64,338	64,513	64,535	63,206	77.1	85.5
Home economics	11,167	18,411	16,705	16,316	15,555	15,288	14,942	97.3	92.5
Law	545	683	1,099	1,272	1,157	1,197	1,178	5.0	68.6
Letters	64,933	33,497	32,743	33,739	34,091	35,434	37,133	65.5	65.8
Liberal/general studies	5,461	20,069	18,524	18,815	19,191	19,248	21,365	29.0	56.4
Library and archival sciences	1,013	398	258	255	202	157	139	92.0	85.6
Life sciences	35,743	46,370	39,982	38,640	38,445	38,524	38,114	29.1	48.5
Mathematics	24,801	11,378	12,453	13,211	15,146	16,306	16,489	38.0	46.4
Military sciences	357	251	267	195	299	256	383	.3	6.8
Multi/interdisciplinary studies	8,306	14,404	17,282	16,734	15,727	15,700	16,402	28.4	53.7
Parks and recreation	1,621	5,753	5,198	4,752	4,593	4,493	4,107	34.7	60.2
Philosophy, religion, and theology	11,890	13,276	12,536	12,349	12,439	11,841	11,686	25.5	30.1
Physical sciences	21,412	23,410	23,405	23,671	23,732	21,731	19,974	13.8	28.4
Psychology	37,880	41,962	40,364	39,872	39,811	40,521	42,868	44.5	68.9
Protective services	2,045	15,015	12,579	12,654	12,510	12,704	12,930	9.2	38.3
Public affairs	6,252	18,422	16,290	14,396	13,838	13,878	14,161	60.2	68.0
Social sciences [2]	155,236	103,519	95,088	93,212	91,461	93,703	96,185	36.8	44.0
Visual and performing arts	30,394	40,892	39,469	39,833	37,936	36,949	36,223	59.7	61.9
Master's, total	**230,509**	**298,081**	**289,921**	**[3] 284,263**	**286,251**	**288,567**	**289,557**	**40.1**	**51.2**
Agriculture and natural resources	2,457	3,976	4,254	4,178	3,928	3,801	3,523	5.9	30.1
Architecture and environmental design	1,705	3,139	3,357	3,223	3,275	3,260	3,142	13.8	34.0
Area and ethnic studies	1,032	852	826	888	879	927	851	38.3	46.9
Business and management	26,481	55,006	65,319	66,653	67,527	67,137	67,496	3.9	33.0
Communications [1]	1,856	3,082	3,604	3,656	3,669	3,823	3,937	34.6	59.2
Computer and information sciences	1,588	3,647	5,321	6,190	7,101	8,070	8,491	10.3	29.4
Education	88,952	103,951	84,853	77,187	76,137	76,353	75,501	56.2	74.0
Engineering [1]	16,443	16,243	19,350	[3] 20,661	21,557	21,661	22,693	1.1	12.6
Foreign languages	4,755	2,236	1,759	1,773	1,724	1,721	1,746	65.5	70.4
Health sciences	5,445	15,068	17,068	17,443	17,383	18,624	18,426	55.9	78.9
Home economics	1,452	2,690	2,406	2,422	2,383	2,298	2,070	93.9	87.6
Law	955	1,817	2,091	1,802	1,796	1,924	1,943	4.8	26.8
Letters	11,148	6,807	5,767	5,818	5,934	6,291	6,123	60.2	65.0
Liberal/general studies	549	1,373	889	1,173	1,180	1,154	1,126	44.3	59.2
Library and archival sciences	7,001	5,374	3,979	3,805	3,893	3,626	3,815	81.3	79.1
Life sciences	5,728	6,510	5,696	5,406	5,059	5,013	4,954	33.6	48.7
Mathematics	5,191	2,860	2,837	2,741	2,882	3,159	3,321	29.2	39.1
Military sciences	2	46	110	127	119	83	83	-	2.4
Multi/interdisciplinary studies	1,157	3,579	2,930	3,148	3,184	3,104	3,041	10.9	42.0
Parks and recreation	218	647	565	[2] 555	544	495	476	29.8	55.3
Philosophy, religion, and theology	4,036	5,126	5,873	6,259	5,519	5,630	5,989	27.1	34.5
Physical sciences	6,367	5,219	5,290	5,576	5,796	5,902	5,652	13.3	24.9
Psychology	4,431	7,806	8,378	8,002	8,408	8,293	8,204	37.2	65.2
Protective services	194	1,805	1,300	1,219	1,235	1,074	1,019	10.3	29.4
Public affairs	8,215	18,413	16,245	15,373	16,045	16,300	17,032	49.2	63.7
Social sciences [2]	16,476	12,101	11,112	10,465	10,380	10,428	10,397	28.5	39.5
Visual and performing arts	6,675	8,708	8,742	8,520	8,714	8,416	8,506	47.4	55.8
Doctorate's, total	**32,107**	**32,615**	**32,775**	**33,209**	**32,943**	**33,653**	**34,120**	**14.3**	**35.2**
Agriculture and natural resources	1,086	991	1,149	1,172	1,213	1,158	1,049	2.9	17.0
Architecture and environmental design	36	79	97	84	89	73	92	8.3	28.3
Area and ethnic studies	144	151	153	139	137	157	132	16.7	44.7
Business and management	807	792	809	977	866	969	1,098	2.9	23.6
Communications [1]	145	193	214	219	234	223	275	13.1	42.5
Computer and information sciences	128	240	262	251	248	344	374	16.4	13.9
Education	6,403	7,941	7,551	7,473	7,151	7,110	6,909	21.2	54.9
Engineering [1]	3,638	2,507	2,831	2,981	3,230	3,410	3,820	.6	6.9
Foreign languages	781	549	488	462	437	448	441	38.0	58.3
Health sciences	459	771	1,155	1,163	1,199	1,241	1,213	16.3	53.5
Home economics	123	192	255	279	276	311	297	61.0	78.1
Law	20	40	72	121	105	54	120	-	34.2
Letters	1,857	1,500	1,176	1,215	1,239	1,215	1,181	28.0	56.4
Life sciences	3,645	3,636	3,341	3,437	3,432	3,358	3,423	16.3	35.0
Mathematics	1,199	724	698	695	699	742	725	7.8	17.4
Multi/interdisciplinary studies	80	295	387	378	285	319	276	13.8	37.0
Philosophy, religion, and theology	866	1,693	1,612	1,644	1,608	1,660	1,658	5.8	13.3
Physical sciences	4,390	3,089	3,269	3,306	3,403	3,551	3,672	5.6	17.3
Psychology	1,782	2,768	3,108	2,973	2,908	3,088	3,123	24.0	53.3
Public affairs	185	372	347	421	431	385	398	23.8	45.7
Social sciences [2]	3,659	3,219	2,931	2,911	2,851	2,955	2,916	13.9	30.5
Visual and performing arts	621	655	692	728	693	722	792	22.2	43.6
Other	53	218	178	180	209	160	136	28.3	50.0

- Represents zero. [1] Includes technologies. [2] Includes history. [3] Data revised since originally published.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

No. 276. Degrees Conferred in Selected Professions: 1960 to 1987

[First professional degrees. See Appendix III]

TYPE OF DEGREE AND SEX OF RECIPIENT	1960	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987 [1]
Medicine (M.D.):											
Institutions conferring degrees	79	86	104	112	116	119	118	119	120	120	122
Degrees conferred, total	7,032	8,314	12,447	14,902	15,505	15,814	15,484	15,813	16,041	15,938	15,620
Men	6,645	7,615	10,818	11,416	11,672	11,867	11,350	11,359	11,167	11,022	10,566
Women	387	699	1,629	3,486	3,833	3,947	4,134	4,454	4,874	4,916	5,054
Percent of total	5.5	8.4	13.1	23.4	24.7	25.0	26.7	28.2	30.4	30.8	32.4
Dentistry (D.D.S. or D.M.D.):											
Institutions conferring degrees	45	48	52	58	58	58	59	60	59	59	58
Degrees conferred, total	3,247	3,718	4,773	5,258	5,460	5,282	5,585	5,353	5,339	5,046	4,741
Men	3,221	3,684	4,627	4,558	4,672	4,467	4,631	4,302	4,233	3,907	3,603
Women	26	34	146	700	788	815	954	1,051	1,106	1,139	1,138
Percent of total	.8	.9	3.1	13.3	14.4	15.4	17.1	19.6	20.7	22.6	24.0
Law (LL.B. or J.D.):											
Institutions conferring degrees	134	145	154	179	177	180	177	179	181	181	180
Degrees conferred, total	9,240	14,916	29,296	35,647	36,331	35,991	36,853	37,012	37,491	35,844	36,172
Men	9,010	14,115	24,881	24,893	24,563	23,965	23,550	23,382	23,070	21,874	21,643
Women	230	801	4,415	10,754	11,768	12,026	13,303	13,630	14,421	13,970	14,529
Percent of total	2.5	5.4	15.1	30.2	32.4	33.4	36.4	36.8	38.5	39.0	40.2
Theological (B.D., M.Div., M.H.L.):											
Institutions conferring degrees	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Degrees conferred, total	(NA)	5,298	5,095	7,115	6,898	6,901	6,494	6,878	7,221	7,283	7,181
Men	(NA)	5,175	4,748	6,133	5,936	5,817	5,395	5,673	5,886	5,865	5,794
Women	(NA)	123	347	982	962	1,084	1,099	1,205	1,335	1,418	1,387
Percent of total	(NA)	2.3	6.8	13.8	13.9	15.7	16.9	17.5	18.5	19.5	19.3

NA Not available. [1] Preliminary.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

No. 277. Graduate Student Enrollment and Degrees Conferred in Selected Fields, by Race/Ethnicity: 1987

ITEM	NUMBER				PERCENT DISTRIBUTION			
	Total	Minority [1]	White [2]	Non-resident alien [3]	Total	Minority [1]	White [2]	Non-resident alien [3]
Graduate enrollment (1,000)	1,432	166	1,130	136	100.0	11.6	78.9	9.5
Degrees conferred: [4]								
Masters	269,341	30,573	228,870	29,898	100.0	10.6	79.1	10.3
Doctorates	34,033	3,011	24,435	6,587	100.0	8.8	71.8	19.4
SELECTED FIELD								
Agriculture and natural resources:								
Masters	3,521	187	2,536	798	100.0	5.3	72.0	22.7
Doctorates	1,048	67	650	331	100.0	6.4	62.0	31.6
Business and management:								
Masters	67,504	6,721	53,582	7,201	100.0	10.0	79.4	10.7
Doctorates	1,094	91	688	315	100.0	8.3	62.9	28.8
Computer and info. systems:								
Masters	8,481	1,211	5,053	2,217	100.0	14.3	59.6	26.1
Doctorates	374	29	219	126	100.0	7.8	58.6	33.7
Engineering:								
Masters	22,046	2,694	13,343	6,009	100.0	12.2	60.5	27.3
Doctorates	3,807	358	1,672	1,777	100.0	9.4	43.9	46.7
Mathematics:								
Masters	3,319	327	2,113	879	100.0	9.9	63.7	26.5
Doctorates	723	56	349	318	100.0	7.7	48.3	44.0
Physical sciences:								
Masters	5,630	450	4,062	1,118	100.0	8.0	72.1	19.9
Doctorates	3,671	255	2,441	975	100.0	6.9	66.5	26.6
Social sciences:								
Masters	10,395	934	7,441	2,020	100.0	9.0	71.6	19.4
Doctorates	2,915	244	2,051	620	100.0	8.4	70.4	21.3

[1] American Indian/Alaskan native, Non-Hispanic Black, Asian/Pacific Islander and Hispanic. [2] Non-Hispanic. [3] A person who is not a citizen or national of the U.S. who is in the country on a temporary basis and does not have the right to remain indefinitely. [4] Includes degrees conferred in fields not shown separately. Excludes 216 masters degrees and 87 doctorate degrees for which racial/ethnic group was not available.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics, 1989*. (Data are collected biennially.)

No. 278. Earned Degrees Below Bachelor's, by Curriculum: 1983 to 1987

[Covers associate degrees and other awards based on post-secondary curriculums of less than 4 years in institutions of higher education]

FIELD OF STUDY	1983	1984	1985	1986	1987	PERCENT FEMALE 1983	1984	1985	1986	1987
All degrees	**605,605**	**610,332**	**614,749**	**604,634**	**590,683**	**53.6**	**54.3**	**61.4**	**55.7**	**55.8**
Agriculture and natural resources	11,672	10,641	10,466	9,263	8,680	30.3	28.9	29.6	29.5	30.2
Architecture and environmental design	2,012	1,927	1,939	2,016	2,260	81.9	84.3	82.5	85.6	87.2
Area and ethnic studies	60	64	69	115	266	58.3	60.9	71.0	39.1	89.1
Business and management	161,885	166,238	170,170	168,168	161,813	65.8	66.5	68.4	70.3	72.3
Communications [1]	4,309	4,162	4,560	4,528	4,561	44.7	43.2	39.7	40.9	40.2
Computer and information sciences	12,970	16,111	15,896	13,307	11,972	50.5	49.1	49.3	49.5	49.0
Education	8,112	8,503	8,551	8,354	8,095	69.5	72.2	70.9	71.0	72.6
Engineering [1]	101,707	100,060	100,146	97,609	97,731	8.4	7.9	7.6	8.1	8.2
Foreign languages	394	372	427	526	484	56.3	57.5	49.6	50.2	48.1
Health sciences	101,584	107,142	107,248	104,051	96,261	87.6	87.0	86.7	86.4	86.2
Home economics	14,360	14,344	14,966	14,760	14,333	75.4	75.0	74.5	72.6	72.2
Law	2,287	2,551	2,948	3,259	3,728	83.0	83.1	84.3	83.8	87.6
Letters	731	822	681	812	574	63.6	64.8	65.9	62.7	67.8
Liberal/general studies	110,400	109,451	107,814	109,529	109,764	54.9	54.9	55.5	56.4	57.2
Library and archival sciences	305	260	253	208	203	88.9	86.2	89.7	88.0	89.2
Life sciences	1,227	1,297	1,205	1,080	1,136	47.9	52.4	60.8	56.2	48.5
Mathematics	813	821	813	705	691	37.7	36.4	37.8	38.3	36.8
Military sciences	88	87	34	[2] 1,000	[2] 1,009	2.3	4.6	-	3.3	2.3
Multi/interdisciplinary studies	10,518	8,398	8,697	9,873	9,842	53.6	54.5	53.8	54.2	53.4
Parks and recreation	1,144	819	893	787	660	52.6	50.9	51.8	50.4	49.7
Philosophy, religion, and theology	1,610	1,740	1,830	1,810	1,371	44.5	44.3	47.8	40.2	44.6
Physical sciences	3,245	2,990	2,296	2,230	2,179	34.7	34.7	36.3	39.8	38.7
Psychology	1,051	1,147	1,032	1,005	1,068	64.6	67.0	68.4	68.8	71.3
Protective services	15,873	15,554	16,057	15,592	17,786	23.6	23.8	23.8	25.2	24.7
Public affairs	6,074	5,812	6,230	6,245	6,478	49.8	47.2	40.8	42.9	40.8
Social sciences	3,004	2,755	2,613	2,753	2,782	52.9	57.1	57.3	58.3	57.9
Visual and performing arts	28,170	26,244	24,358	24,015	24,327	30.9	32.7	31.7	32.9	33.2
Undistributed	-	-	2,537	1,034	629	-	-	59.6	59.6	58.8

- Represents zero. [1] Includes technologies. [2] Includes a certificate program, not previously included.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

No. 279. High School Graduates Completing College: 1976 to 1986

[Cumulative percent of 1972, 1980 and 1982 high school graduates completing college. For highest level of degree attained. Based on survey and subject to sampling error, see source]

STUDENT CHARACTERISTIC	1972 HIGH SCHOOL SENIORS: 1-2 year degrees, by June— 1976	1982	1986	Bachelor's degrees, by June— 1976	1980	1986	1980 HIGH SCHOOL SENIORS: 1-2 year degrees by Feb.— 1984	1986	Bachelor by Feb. 1986	1982 high school seniors, 1-2 year degrees by Feb. 1986
Total	**6.4**	**11.8**	**16.6**	**14.3**	**25.1**	**27.7**	**8.8**	**12.5**	**18.8**	**7.9**
Sex:										
Male	5.6	10.8	15.8	13.3	27.5	30.1	7.7	10.8	18.4	5.9
Female	7.2	12.6	17.3	15.3	22.9	25.4	9.9	14.1	19.2	9.6
Race/ethnicity:										
White [1]	6.9	12.1	17.0	15.6	27.0	29.4	9.0	12.5	20.8	7.9
Black [1]	2.1	9.4	14.6	7.8	14.7	19.2	6.4	10.4	10.1	7.1
Hispanic	3.3	9.1	13.7	3.1	9.7	10.9	9.2	14.7	6.8	9.5
Asian [1]	8.0	21.0	27.7	5.8	5.8	18.5	11.8	15.7	28.7	5.3
American Indian [1]	4.1	20.1	26.2	29.2	53.2	56.1	16.9	20.3	9.2	5.8
High school average:										
A	7.9	13.5	19.0	41.9	59.3	60.7	8.2	11.3	49.0	3.9
A to B	7.4	13.0	17.0	23.5	39.1	42.4	12.6	15.9	28.5	7.1
B	7.1	11.7	17.8	12.3	24.9	28.0	9.7	14.0	18.5	9.5
B to C	6.8	12.8	18.2	6.0	14.3	17.5	9.7	12.5	9.0	8.5
C	2.6	7.7	12.8	2.4	6.1	7.7	5.4	10.0	2.5	7.2
D	3.2	7.0	9.7	1.1	3.6	4.5	3.0	7.6	1.3	6.2
High school program:										
General	5.4	10.1	14.7	5.6	12.0	14.2	8.5	12.0	10.0	8.5
Academic	8.0	15.0	20.9	27.5	45.6	49.1	10.2	14.0	37.4	6.8
Vo/tech	4.7	7.9	10.9	1.3	4.3	5.4	9.1	12.6	3.4	9.2

[1] Non-Hispanic.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, 1989.

No. 280. College and University Libraries—Summary: 1985

[For **school year ending in year shown.** Based on survey of academic libraries and joint library systems in the 50 States and DC. Data from Survey of College and University Libraries, Fall 1985]

Type of control and enrollment size	Volumes held		Titles held		Operating expenses ($1,000)				Staff [1]	
	Total (1,000)	Per FTE [1] student	Total (1,000)	Per FTE [1] student	Total [2]	Wages and salaries [3]	Books	Serial subscriptions [4]	Total	Librarians
All types, public	**373,446**	**36**	**180,388**	**17**	**1,608,809**	**792,574**	**194,626**	**222,348**	**55,593**	**13,514**
10,000 or more	253,441	43	105,086	18	1,080,621	525,648	132,041	159,228	35,159	8,286
5,000 to 9,999	58,761	25	35,891	15	249,337	126,290	29,786	31,436	9,255	2,301
1,000 to 4,999	56,092	27	35,867	17	251,373	127,185	29,431	27,525	10,124	2,615
500 to 999	4,233	43	2,943	30	21,264	10,138	2,685	3,100	808	237
500 or less	917	32	598	21	6,214	3,113	683	1,059	245	72
All types, private	**260,402**	**94**	**129,069**	**46**	**808,189**	**369,146**	**108,993**	**115,928**	**33,249**	**8,405**
10,000 or more	79,220	118	29,126	43	289,960	133,004	32,218	39,593	9,173	2,467
5,000 to 9,999	42,633	82	14,889	29	143,618	65,753	18,399	24,503	4,969	1,303
1,000 to 4,999	90,559	76	53,431	45	265,033	118,498	41,957	38,289	13,074	2,997
500 to 999	26,474	97	17,737	65	64,210	29,888	9,045	8,743	3,470	906
500 or less	21,514	175	13,884	113	45,368	22,003	7,374	4,800	2,560	730

[1] Full-time equivalent. [2] Includes expenses not shown separately; excludes capital outlay. [3] Excludes fringe benefits and wages for student assistance. [4] Any publication issued on a recurring basis and held for reference.

Source: U.S. National Center for Education Statistics, unpublished data.

No. 281. Libraries—Number, by Type: 1980 to 1988

Type	1980	1985	1988		Type	1980	1985	1988	
			Total	Percent				Total	Percent
Total [1]	**31,564**	**32,323**	**34,479**	**100.0**	Academic	4,591	5,034	4,647	13.5
					Junior college	1,191	1,188	1,249	3.6
United States	28,638	29,843	30,717	89.1	Colleges, universities	3,400	3,846	3,398	9.9
Public	8,717	8,849	9,094	26.4	Departmental	1,489	1,824	1,486	4.3
Public branches	5,936	6,330	5,919	17.2	Law, medicine, religious	269	531	512	1.5
Special [2]	7,649	7,530	8,886	25.8	Government	1,260	1,574	1,683	4.9
Medicine	1,674	1,667	1,885	5.4	Armed Forces	485	526	488	1.4
Religious	913	839	944	2.7	Outlying areas	113	114	113	.3
Law	417	435	587	1.7					

[1] Includes public libraries with annual incomes of less than $2,000 or book funds of less than $500, law libraries with less than 10,000 volumes each, Canadian libraries, and libraries in regions administered by the U.S., not shown separately.
[2] Includes other types of special libraries, not shown separately. Increase between 1985 and 1988 is due mainly to revised criteria for identifying special libraries and improved methods of counting.

Source: R.R. Bowker Co., New York, NY, *The Bowker Annual of Library & Book Trade Information* and *American Library Directory*, annual. (Copyright by Reed Publishing.)

No. 282. Courses Taken by Participants in Adult Education: 1984

[For the **year ending in May 1984.** Persons 17 years of age and over on the date of the survey. Adult education participants are involved in part-time organized educational activities such as college courses, employee training, continuing education and private instruction. Based on Current Population Survey; see text, section 1, and Appendix III]

Field of study	Total (1,000)		Percent distribution		Field of study or reason	Total (1,000)		Percent distribution	
	Male	Female	Male	Female		Male	Female	Male	Female
Total courses [1]	**17,770**	**22,981**	**100.0**	**100.0**	Philosophy, religion, and psychology	1,028	1,674	5.8	7.3
Arts: Visual and performing	509	1,640	2.9	7.1	Physical education and leisure	684	1,640	3.8	7.1
Business	4,329	4,652	24.4	20.2	Social sciences and social studies	1,230	850	6.9	3.7
Education	863	2,011	4.9	8.8	**Total courses** [1]	**17,770**	**22,981**	**100.0**	**100.0**
Engineering and engineering technology	4,030	1,869	22.7	8.1	Job-related reasons	12,607	13,552	70.9	59.0
Health care and health sciences	1,648	3,453	9.3	15.0	To get new job	1,824	2,979	10.3	13.0
Health education	346	858	1.9	3.7	In current occupation	395	588	2.2	2.6
Language, linguistics, and literature	828	1,338	4.7	5.8	In new occupation	1,428	2,389	8.0	10.4
Life science, physical sciences, and mathematical sciences	609	722	3.4	3.1	To advance in job	10,004	9,698	56.3	42.2
					Other job-related reasons	780	876	4.4	3.8
					Non-job related reasons	5,116	9,330	28.8	40.6
					General education	1,448	1,910	8.1	8.3
					Personal or social	3,299	6,932	18.6	30.2

[1] Includes courses or reasons not shown separately.

Source: U.S. National Center for Education Statistics, "Survey of Adult Education, Current Population Survey, May 1984," unpublished data.