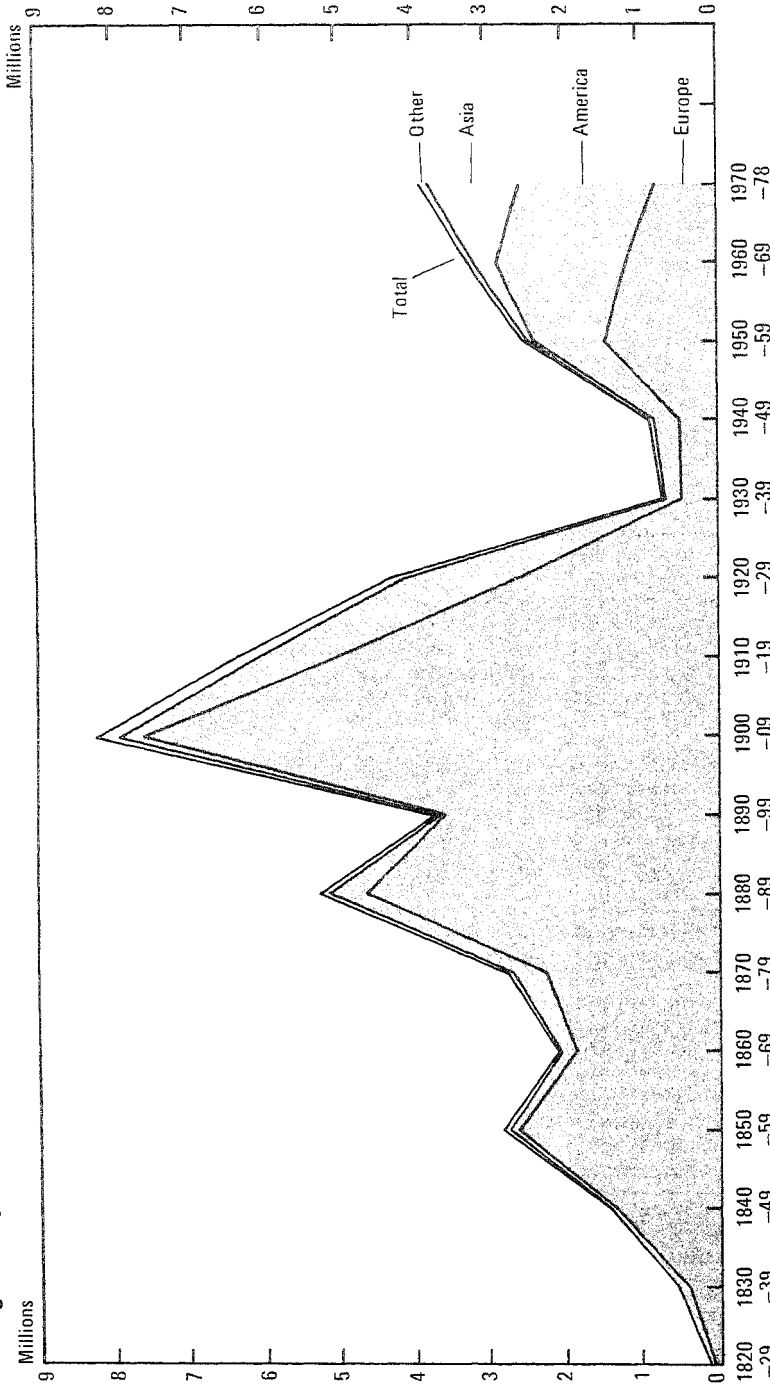


Figure 3.1  
Immigrants by Continent: 1820 to 1978



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 134.

# Immigration and Naturalization

This section presents statistics related to immigration, naturalization, and alien registration. The principal source of these data is the *Annual Report of the Immigration and Naturalization Service*. Immigration statistics are prepared from entry visas and change of immigration status forms. Statistics for naturalization are compiled from periodic reports by Federal courts and specially designated State courts conducting such proceedings. Alien registration data are compiled from alien address report cards.

The collection of U.S. immigration statistics began under the Act of 1819, which required the recording of data on immigrants. 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 (see below).

Since 1892, immigration statistics have been collected by a separate Office or Bureau of Immigration, presently a part of the Immigration and Naturalization Service (INS), a unit of the Department of Justice. For 1892-1932, immigration data appeared in annual reports of the Bureau of Immigration; for 1933-1940, in the *Annual Report of the Secretary of Labor*; for 1941, in the *Annual Report of the Attorney General*; and, since then, in the *Annual Report of the Immigration and Naturalization Service*.

**Immigrants.**—Immigrants are nonresident aliens admitted to the U.S. for permanent residence (one year or longer). The category 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. Generally, a 2-year time lag exists between the time persons are shown in data as nonimmigrants and the time they may be included as immigrants. A large increase of immigrants admitted to the U.S. in one year may have been due to an influx of refugees two or three years earlier. Thus, immigrants as measured in this section do not equal net civilian immigration as shown in table 4.

**Nonimmigrants.**—Nonimmigrants are nonresident aliens admitted to the United States for a temporary period. Included in this group are visitors for business and pleasure, students and their spouses and children, foreign government officials, exchange visitors and their spouses and children, international representatives, treaty traders and investors, representatives of foreign information media, fiances(ees) of U.S. citizens and their children, officials of the North Atlantic Treaty Organization (NATO), aliens in transit, and, for statistical purposes, permanent resident aliens returning after short trips abroad. Excluded are border crossers, crewmen, and insular travelers. Certain temporary admissions such as of persons in possession of border-crossing identification cards are not included in the nonimmigrant totals.

**Quota and nonquota immigrants.**—In 1921, Congress enacted the first numerical ceiling on immigration (357,000 per year) into the United States, although it applied only to Eastern Hemisphere countries and their dependencies. The 1921 Act also required that immigrants be classified as quota and nonquota immigrants. Quota immigrants were subject to congressionally mandated quotas for Eastern Hemisphere countries and their dependencies. Nonquota immigrants included natives of the Western Hemisphere and their spouses and children, immediate relatives of U.S. citizens, and certain groups of special immigrants.

Between 1929 and 1968 quotas were determined by the "national origins" formula which provided that the annual quota equal one-sixth of one percent of the number of White inhabitants in the continental United States in 1920, less Western Hemisphere immigrants and their descendants. The annual quota for each nationality was then determined by the same ratio to 150,000 as the number of inhabitants of each nationality living in the continental United States in 1920 to the total inhabitants, although a minimum quota for any nationality was 100.

The Act of 1965, which became fully effective in July 1968, abolished the quota system and in its place set up an annual numerical limitation of 170,000 immigrants from the Eastern Hemisphere, with no more than 20,000 immigrants to come from any one country; a numerical limitation of 120,000 per year was imposed on Western Hemisphere immigration, which had previously been unrestricted. The 1965 Act thereby gave persons from every country within each hemisphere an equal chance to immigrate to the United States. After 1968 immigrants were classified as those subject to numerical limitations of the Eastern Hemisphere and of the Western Hemisphere, and those exempt from numerical limitations (see table 133). Those exempt include immediate relatives (parents, spouses, children) of U.S. citizens and various classes of special immigrants.

For immigrants subject to numerical limitations, numbers are allocated on a basis of seven preference categories, four of which provide for reunion of families of U.S. citizens and resident aliens, two for specified workers needed in the United States, and one for refugees. Numbers not used by these seven preferences are then available to qualified nonpreference immigrants. From 1968 to December 1976 preference classifications were applied only to immigrants from the Eastern Hemisphere. Beginning 1977 Western Hemisphere immigrants were also subject to preference and nonpreference classifications. Effective October 1978 the separate hemisphere limits were abolished in favor of a worldwide limit of 290,000.

**Displaced persons and refugees.**—The Displaced Persons Act of 1948 was the first of a number of special acts passed to provide for the admission of refugees from Communist-dominated countries, victims of natural calamities, and orphan children, without regard to quotas or the numerical ceilings specified above.

**Status of Cubans.**—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.

**Status of Indochinese.**—Effective October 28, 1977, refugees from Vietnam, Laos, or Cambodia are eligible to apply for permanent resident status. Public Law 95-145 provides 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.

**Alien registration.**—All aliens in the United States on January 1 must report their current address each year to the U.S. Attorney General during January.

**Naturalization.**—Prior to 1907 each Federal court and each specially designated State court which conducted naturalization proceedings kept records of naturalizations but no national data were compiled. The Act of June 1906 provided for periodic returns by all courts conducting naturalization proceedings, and for the filing with a central Federal agency of a duplicate copy of each declaration of intention and petition for naturalization filed, and of each certificate of naturalization issued.

Most aliens acquire U.S. citizenship under the general provisions of the Immigration and Nationality Act of 1952, as amended. As specified by that Act, the requirements a prospective citizen must meet relate to residency, language proficiency, moral character, loyalty to the United States, attachment to the principles of the Constitution, etc. Spouses and children of U.S. citizens can be naturalized under less stringent conditions. In certain cases, an administrative, judicial, legislative, or executive waiver of the requirements may be obtained. Naturalization statistics are also maintained by INS.

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

## NO. 131. IMMIGRATION: 1820 TO 1978

[In thousands, except rate. Through 1976, for years ending June 30, except as noted; beginning 1977, ending Sept. 30. For definition of immigrants, see text, pp. 88-90. 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	
	Num-ber	Rate <sup>1</sup>		Num-ber	Rate <sup>1</sup>		Num-ber	Rate <sup>1</sup>
1820-1978.....	48,664	3.5	1911-1920.....	5,736	5.7	1969.....	359	1.8
1820-1830 <sup>2</sup> .....	152	1.2	1921-1930.....	4,107	3.5	1970.....	373	1.8
1831-1840 <sup>3</sup> .....	599	3.9	1931-1940.....	528	.4			
1841-1850 <sup>4</sup> .....	1,713	8.4	1941-1950.....	1,035	.7	1971.....	370	1.8
1851-1860 <sup>4</sup> .....	2,598	9.3	1951-1960.....	2,515	1.5	1972.....	385	1.8
			1961-1970.....	3,322	1.7	1973.....	400	1.9
						1974.....	395	1.9
1861-1870 <sup>5</sup> .....	2,315	8.4	1971-1978.....	3,502	2.0			
1871-1880.....	2,812	6.2	1965.....	297	1.6	1975.....	386	1.8
1881-1890.....	5,247	9.2	1966.....	323	1.6	1976.....	399	1.9
1891-1900.....	3,688	5.3	1967.....	362	1.8	1977.....	462	2.1
1901-1910.....	8,795	10.4	1968.....	454	2.3	1978.....	601	2.8

<sup>1</sup> Annual rate per 1,000 U.S. population, 10-year rate computed by dividing sum of annual immigration totals by sum of annual U.S. population totals for same 10 years. <sup>2</sup> Oct. 1, 1819-Sept. 30, 1830. <sup>3</sup> Oct. 1, 1830-Dec. 31, 1840.

<sup>4</sup> Calendar years. <sup>5</sup> Jan. 1, 1861-June 30, 1870.

## NO. 132. IMMIGRANTS, BY SELECTED CHARACTERISTICS: 1951 TO 1978

[In thousands, except as indicated. Through 1976, for years ending June 30; beginning 1977, ending Sept. 30. For definition of immigrants, see text, pp. 89-90; for definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series C 120-142]

CHARACTERISTIC	1951-1960, total	1961-1970, total	1971-1978, total	1974	1975	1976	1977	1978	PERCENT	
									1961-1970	1971-1978
Total.....	2,515	3,322	3,502	394.9	386.2	398.6	462.3	601.4	100.0	100.0
Male.....	1,859	1,488	1,639	184.5	180.7	184.8	216.4	286.4	44.8	46.8
Married.....	368	651	807	89.9	88.7	92.8	112.2	136.1	19.6	23.0
Single.....	467	816	814	92.7	90.1	89.4	100.6	146.6	24.6	23.2
Other.....	24	21	21	1.9	1.9	2.6	3.6	3.7	.8	.6
Female.....	1,014	1,834	1,862	210.3	205.5	213.8	245.9	315.0	55.2	53.2
Married.....	501	883	1,025	116.9	112.2	118.8	135.6	168.9	26.6	29.3
Single.....	451	856	748	84.9	83.5	83.1	93.9	129.7	25.8	21.4
Other.....	63	95	91	6.5	9.8	11.9	16.4	16.4	2.9	2.6
Males per 1,000 females.....	850	811	880	877	880	865	880	909	(x)	(x)
Age:										
Under 16 years.....	576	847	924	110.8	105.4	102.2	108.2	153.0	25.5	26.4
16-44 years.....	1,596	2,018	2,070	234.0	226.0	234.0	266.9	358.6	60.7	59.1
45 years and over.....	343	457	508	50.1	54.8	62.3	87.2	89.8	13.8	14.5
Median age (year).....	25.8	25.2	25.7	24.7	25.4	26.0	27.1	26.2	(x)	(x)
Occupation: <sup>2</sup>										
Professional, tech., and kindred.....	184	337	358	35.5	38.5	41.1	45.0	48.9	10.1	10.2
Managers and administrators <sup>3</sup> .....	53	66	96	9.2	10.0	11.6	17.4	20.9	2.0	2.7
Sales workers.....	(4)	(4)	29	3.0	3.4	3.9	5.6	6.5	(1)	.8
Clerical and kindred workers.....	1197	1,245	134	13.2	14.1	14.9	20.5	27.3	47.4	3.8
Craftsmen and kindred workers.....	196	207	174	20.0	20.6	18.8	21.3	27.8	6.2	5.0
Operatives, except transport.....	168	162	192	15.5	18.4	20.9	30.5	42.4	9.9	5.5
Transport equipment operatives.....	(5)	(5)	19	2.5	2.9	3.2	4.0	4.9	(5)	.5
Laborers, except farm.....	133	129	129	18.3	13.0	12.1	12.2	22.9	3.9	3.7
Farmers and farm managers.....	49	26	7	.2	.9	1.4	.6	.5	.7	.2
Farm laborers and farm foremen.....	43	57	57	6.9	6.3	6.2	6.9	11.1	1.7	1.6
Service wks. exc. pvt. household.....	70	108	137	18.1	15.5	14.0	16.8	25.0	3.3	3.9
Private household workers.....	94	127	73	8.8	5.9	6.8	8.5	10.5	3.8	2.1
No occupation <sup>4</sup> .....	1,329	1,857	2,102	243.6	236.6	243.9	273.0	352.7	55.9	60.0

X Not applicable. <sup>1</sup> 1954-1960. <sup>2</sup> Beginning 1974, based on Bureau of the Census 1970 index of occupations; prior years based on 1950 and 1960 indexes. The occupations contained in the major groups are, therefore, not necessarily identical to the groupings of prior years. See Section 21-Science for data on scientists, engineers, and physicians.

<sup>3</sup> Except farm. <sup>4</sup> Sales workers included in "Clerical and kindred workers."

<sup>5</sup> Transport equipment operatives included in "Operatives, except transport."

<sup>6</sup> Includes dependent women and children, and other aliens without occupation or occupation not reported.

Source of tables 131 and 132: U.S. Immigration and Naturalization Service, *Annual Report*, and releases.

## No. 133. IMMIGRANTS ADMITTED, BY CLASSES: 1930 TO 1978

<sup>1</sup>For years ending June 30 except, beginning 1977, ending September 30. For definition of immigrants, see text, pp. 89-90. Excludes border crossers, crewmen, and aliens admitted on documentary waivers. See also *Historical Statistics, Colonial Times to 1970*, series C 143-157]

CLASS OF ADMISSION	1930	1940	1950	1955	1960	1965	1967
Annual quota .....	153,714	153,774	154,206	154,657	154,887	158,561	158,261
Immigrants admitted .....	241,700	70,756	249,187	237,790	265,398	296,697	361,972
Natives of Eastern Hemisphere .....	141,497	51,997	197,460	82,232	101,373	99,381	153,079
Natives of Western Hemisphere .....	63,147	11,985	33,238	94,274	91,701	153,199	151,034
Immediate relatives of U.S. citizens .....	32,105	5,474	16,275	30,882	34,215	32,714	46,903
Other .....	4,951	1,300	2,214	30,402	38,109	11,403	10,956
	1970	1973	1974	1975	1976	1977	1978
Immigrants, total .....	373,326	400,063	394,861	386,194	398,613	462,315	601,442
Percent of aliens admitted .....	7.8	6.3	5.4	5.2	4.9	5.4	6.0
Subject to Eastern Hemisphere limitations .....	172,547	166,108	159,059	160,460	166,204	170,161	165,743
Subject to Western Hemisphere limitations .....	114,738	116,803	115,072	121,101	118,569	106,339	175,361
Exempt from numerical limitations .....	86,043	117,152	120,730	104,633	113,840	185,815	260,338
Subject to limitations <sup>1</sup> .....	287,283	282,911	274,131	281,561	284,773	276,500	341,104
Relative preferences .....	92,432	92,054	94,915	95,945	102,007	130,784	190,297
Unmarried sons and daughters of U.S. citizens and their children (1st pref.) .....	1,089	936	932	871	931	1,473	3,692
Spouses, unmarried sons and daughters of resident aliens, and their children (2d preference) .....	30,714	38,680	43,920	43,077	44,339	54,914	77,747
Married sons and daughters of U.S. citizens (4th preference) <sup>2</sup> .....	8,350	4,060	3,404	3,623	4,077	4,818	11,404
Brothers and sisters of U.S. citizens (5th preference) <sup>2</sup> .....	52,279	48,378	46,659	48,374	52,660	69,579	97,454
Occupational preferences .....	34,016	26,767	28,482	29,334	26,361	23,585	30,877
Immigrants in professions (3d preference) .....	10,142	8,521	7,763	8,363	8,318	6,554	5,287
Other workers (6th preference) .....	8,786	4,549	6,420	6,724	4,792	4,673	8,888
Their spouses and children .....	15,088	13,697	14,299	14,247	13,251	12,358	16,702
Conditional entrants (7th preference) .....	9,863	9,808	9,076	9,129	11,907	9,575	10,309
Nonpreference (incl. private bill cases) .....	36,058	37,363	26,475	25,961	25,775	77,358	54,120
Natives of Western Hemisphere, their spouses and children .....	102,529	96,762	99,800	96,547	91,319	34,115	55,411
Cuban Refugee Act (Act of Nov. 1966) <sup>3</sup> .....	12,207	20,041	15,272	24,554	27,250	952	(x)
Other .....	178	116	111	91	154	131	90
Exempt from numerical limitations .....	86,043	117,152	120,730	104,633	113,840	185,815	260,338
Immediate relatives .....	79,213	100,953	104,844	91,504	102,019	105,957	125,819
Wives of U.S. citizens .....	36,276	40,165	40,274	33,719	37,856	36,104	49,151
Husbands of U.S. citizens .....	15,619	27,123	27,284	21,901	22,234	26,105	28,905
Children of U.S. citizens .....	18,095	22,990	24,758	22,315	23,889	22,572	23,917
Orphans adopted abroad .....	(NA)	4,015	4,770	5,633	6,552	6,493	1,326
Parents of U.S. citizens .....	9,223	10,675	12,528	13,569	18,040	21,176	23,845
Cuban Refugee Act <sup>3</sup> .....	(x)	(x)	(x)	(x)	(x)	67,958	28,296
Indochinese Act, Oct. 1977 .....	(x)	(x)	(x)	(x)	(x)	(x)	94,146
Special immigrants .....	6,342	7,098	6,964	7,080	5,961	6,204	5,962
Ministers of religion <sup>2</sup> .....	1,497	1,549	1,416	1,231	1,368	1,301	1,307
Employees of the U.S. Government abroad <sup>2</sup> .....	290	508	1,176	1,622	449	692	591
Children born abroad to resident aliens or subsequent to issuance of visa .....	3,012	3,760	3,477	3,636	3,405	3,550	3,625
Aliens adjusted <sup>4</sup> .....	1,543	1,281	895	591	739	661	439
Spouses of U.S. citizens and their children, Act of April 7, 1970 .....	9	8,276	7,885	5,057	5,014	5,598	6,006
Others not subject to numerical limitation .....	479	825	1,037	992	846	98	109

NA Not available. X Not applicable.

<sup>1</sup> From 1970 to December 1976 preference classifications were applied only to Eastern Hemisphere immigrants; see text, pp. 89-90. <sup>2</sup> Includes spouses and children. <sup>3</sup> See text, Status of Cubans, p. 90. As of Jan. 1977, Act of Nov. 1966 not subject to numerical limitations. <sup>4</sup> Under sections 244 and 249, Immigration and Naturalization Act.

Source: U.S. Immigration and Naturalization Service, *Annual Report*.

## NO. 134. IMMIGRANTS, BY COUNTRY OF LAST PERMANENT RESIDENCE: 1920 TO 1978

[In thousands, except percent. For years ending June 30 except, beginning 1977, ending September 30. For definition of immigrants, see text, pp. 89-90. Data prior to 1906 refer to country from which aliens came. Because of boundary changes and changes in list of countries separately reported, data for certain countries not comparable throughout. See also *Historical Statistics, Colonial Times to 1970*, series C 88-119]

COUNTRY	1920-1978, total	1951-1960, total	1961-1970, total	1971-1978, total	1974	1975	1976	1977	1978	PERCENT		
										1920-1978	1961-1970	1971-1978
<b>Total</b> .....	<b>48,664</b>	<b>2,515.5</b>	<b>3,321.7</b>	<b>3,502.2</b>	<b>394.9</b>	<b>386.2</b>	<b>398.6</b>	<b>462.3</b>	<b>601.4</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Europe</b> .....	<b>36,203</b>	<b>1,325.6</b>	<b>1,123.4</b>	<b>664.0</b>	<b>80.4</b>	<b>72.8</b>	<b>73.0</b>	<b>74.0</b>	<b>76.2</b>	<b>74.4</b>	<b>33.8</b>	<b>19.0</b>
Austria <sup>1</sup> .....	4,315	67.1	20.6	8.6	.7	.5	.5	.5	.5	8.9	.6	.2
Hungary.....		36.6	5.4	5.3	.9	.6	.6	.5	.6		.2	.2
Belgium.....	203	18.6	9.2	4.1	.4	.4	.5	.5	.6		.4	.1
Czechoslovakia.....	137	.9	3.3	4.5	.4	.3	.3	.3	.4		.3	.1
Denmark.....	364	11.0	9.2	3.5	.5	.3	.4	.4	.4		.3	.1
Finland.....	33	4.9	4.2	2.0	.2	.2	.2	.2	.3		.1	.1
France.....	751	51.1	45.2	19.8	2.2	1.8	2.0	2.7	2.7	1.5	1.4	.6
Germany <sup>1</sup> .....	6,978	477.8	190.8	60.7	7.2	5.9	6.6	7.4	7.6	14.3	5.7	1.7
Great Britain <sup>2</sup> .....	4,898	195.5	210.0	106.0	11.7	12.2	13.0	14.0	16.4	10.1	6.3	3.0
Greece.....	655	47.6	86.0	81.8	10.6	9.8	8.6	7.8	7.0	1.3	2.6	2.3
Ireland <sup>3</sup> .....	4,723	57.9	37.5	9.8	1.3	1.1	1.0	1.0	.9	9.7	1.1	.3
Italy.....	5,294	185.5	214.1	117.9	15.0	11.0	8.0	7.4	7.0	10.9	6.4	3.4
Netherlands.....	359	52.3	30.6	8.3	1.0	.8	.9	1.0	1.2	.7	.9	.2
Norway.....	858	22.9	15.5	3.1	.4	.4	.3	.3	.4	1.8	.5	.1
Poland <sup>1</sup> .....	516	10.0	53.5	28.6	3.5	3.5	3.2	3.3	4.5	1.1	1.6	.8
Portugal.....	446	19.6	76.1	66.2	10.7	11.3	11.0	10.0	10.5	.9	2.3	2.5
Spain.....	259	7.9	44.7	34.1	4.7	2.6	2.3	5.6	4.3	.5	1.3	1.0
Sweden.....	1,272	21.7	17.1	5.0	.6	.5	.6	.6	.6	2.6	.5	.1
Switzerland.....	349	17.7	18.5	6.9	.7	.7	.8	.8	.9	.7	.6	.2
U.S.S.R. <sup>1,4</sup> .....	3,374	.6	2.3	26.5	.9	4.7	7.4	5.4	4.7	6.9	.1	.8
Yugoslavia.....	114	8.2	20.4	26.6	5.0	2.9	2.3	2.3	2.2	.2	.6	.8
Other Europe.....	308	10.8	9.2	14.6	1.8	1.3	2.0	2.0	2.5	.6	.3	.4
<b>Asia</b> .....	<b>2,855</b>	<b>153.3</b>	<b>427.8</b>	<b>1,169.1</b>	<b>127.0</b>	<b>129.2</b>	<b>148.7</b>	<b>150.8</b>	<b>243.6</b>	<b>5.9</b>	<b>12.9</b>	<b>33.4</b>
China <sup>5</sup> .....	528	9.7	34.8	84.4	10.0	9.2	9.9	12.5	14.5	1.1	1.0	2.4
Hong Kong.....	183	15.5	75.0	92.7	10.7	12.5	13.7	12.3	11.1	.4	2.3	2.6
India.....	163	2.0	27.2	122.8	11.7	14.3	16.1	16.8	19.1	.3	.8	3.5
Iran.....	40	3.4	10.3	26.6	2.5	2.2	2.6	4.2	5.9	.1	.3	.8
Israel.....	86	25.5	29.6	29.9	2.9	3.5	5.2	4.4	4.5	.2	.9	.9
Japan.....	406	46.3	40.0	40.9	5.4	4.8	4.8	4.5	4.5	.8	1.2	1.2
Jordan.....	38	5.8	11.7	20.8	2.5	2.3	2.4	2.9	3.2	.1	.3	.6
Korea.....	247	6.2	34.5	206.7	27.5	28.1	30.6	30.7	28.8	.5	1.0	5.9
Lebanon.....	53	4.5	15.2	32.5	3.0	4.0	5.0	5.5	4.8	.1	.5	.9
Philippines.....	390	19.3	98.4	271.9	32.5	31.3	36.8	38.5	36.6	.8	3.0	7.8
Turkey.....	385	3.5	10.1	9.8	1.4	1.1	1.0	1.0	1.0	.8	.3	.3
Vietnam.....	114	2.7	4.2	110.2	3.1	2.7	2.4	3.4	87.6	.2	.1	3.1
Other Asia.....	224	9.0	36.7	120.0	13.8	13.2	16.2	14.1	22.0	.5	1.2	3.4
<b>America</b> .....	<b>9,051</b>	<b>996.9</b>	<b>1,716.4</b>	<b>1,581.2</b>	<b>178.8</b>	<b>174.7</b>	<b>169.2</b>	<b>223.2</b>	<b>266.5</b>	<b>18.6</b>	<b>51.7</b>	<b>45.1</b>
Argentina.....	94	19.5	49.7	24.1	2.9	2.8	2.7	3.1	4.1	.2	1.5	.7
Brazil.....	67	13.8	29.3	14.6	1.6	1.4	1.4	1.9	2.2	.1	.9	.4
Canada.....	4,105	378.0	413.3	136.0	12.3	11.2	11.4	18.0	23.5	8.4	12.4	3.9
Colombia.....	145	18.0	72.0	55.5	5.9	6.4	5.7	8.2	10.9	.3	2.2	1.6
Cuba.....	1,525	78.9	208.5	235.7	17.4	25.6	28.4	68.1	27.5	1.1	6.3	6.7
Dominican Republic.....		9.9	93.3	113.3	15.7	14.1	12.4	11.6	19.5	.4	2.8	3.2
Ecuador.....	87	9.8	36.8	39.6	4.8	4.7	4.5	5.2	5.7	.2	1.1	1.1
El Salvador.....	45	5.9	15.0	23.9	2.3	2.4	2.4	4.4	5.9	.1	.4	.7
Guatemala.....	41	4.7	15.9	19.6	1.6	1.9	2.0	3.7	4.1	.1	.5	.6
Haiti.....	183	4.4	34.5	43.7	3.8	5.0	5.3	5.2	6.1	.2	1.0	1.2
Honduras.....	34	6.0	15.7	12.3	1.4	1.4	1.3	1.6	2.7	.1	.5	.4
Mexico.....	2,124	299.8	453.9	531.2	71.9	62.6	58.4	44.6	92.7	4.4	13.7	15.2
Panama.....	47	11.7	19.4	16.3	1.7	1.7	1.8	2.5	3.3	.1	.6	.5
Peru.....	48	7.4	19.1	21.1	2.0	2.3	2.6	3.9	5.1	.1	.6	.6
West Indies.....	724	29.8	133.9	203.9	24.4	22.3	19.6	27.1	34.6	1.5	4.0	5.8
Other America.....	679	99.2	106.2	90.5	9.1	8.9	9.3	16.1	18.6	1.4	3.2	2.6
<b>Africa</b> .....	<b>131</b>	<b>14.1</b>	<b>29.0</b>	<b>55.5</b>	<b>5.2</b>	<b>5.9</b>	<b>5.7</b>	<b>9.6</b>	<b>10.3</b>	<b>.3</b>	<b>.9</b>	<b>1.6</b>
<b>Australia and New Zealand</b> .....	<b>120</b>	<b>11.5</b>	<b>19.6</b>	<b>19.1</b>	<b>2.0</b>	<b>1.8</b>	<b>2.1</b>	<b>2.5</b>	<b>2.6</b>	<b>.2</b>	<b>.6</b>	<b>.5</b>
<b>All other</b> .....	<b>307</b>	<b>14.0</b>	<b>5.7</b>	<b>13.5</b>	<b>1.4</b>	<b>1.8</b>	<b>1.9</b>	<b>2.2</b>	<b>2.2</b>	<b>.6</b>	<b>.2</b>	<b>.4</b>

<sup>1</sup> 1938-1945, Austria included with Germany; 1899-1910, Poland included with Austria-Hungary, Germany, and U.S.S.R.

<sup>2</sup> Beginning 1952, includes data for United Kingdom not specified, formerly included with "Other Europe." <sup>3</sup> Comprises Eire and Northern Ireland. <sup>4</sup> Europe and Asia. <sup>5</sup> Beginning 1957, includes Taiwan. <sup>6</sup> Prior to 1951, included with "Other Asia." <sup>7</sup> Prior to 1951, Philippines included with "All other." <sup>8</sup> Prior to 1953, data for Vietnam not available.

<sup>9</sup> Prior to 1951, included with "Other America." <sup>10</sup> Prior to 1951, included with "West Indies."

Source: U.S. Immigration and Naturalization Service, *Annual Report*.

## No. 135. IMMIGRANTS, BY COUNTRY OF BIRTH: 1951 TO 1978

[In thousands. For years ending June 30 except, beginning 1977, ending September 30. For definition of immigrants, see text, pp. 89-90. See headnote, table 134 for statement on boundary changes]

COUNTRY OF BIRTH	1951- 1960, total	1961- 1970, total	1971- 1978, total	1970	1974	1975	1976	1977	1978	PERCENT	
										1961- 1970	1971- 1978
<b>All countries.....</b>	<b>2,515.5</b>	<b>3,321.7</b>	<b>3,502.2</b>	<b>373.3</b>	<b>394.9</b>	<b>386.2</b>	<b>398.6</b>	<b>462.3</b>	<b>601.4</b>	<b>100.0</b>	<b>100.0</b>
<b>Europe<sup>1</sup>.....</b>	<b>1,492.2</b>	<b>1,238.6</b>	<b>668.4</b>	<b>116.0</b>	<b>81.2</b>	<b>74.0</b>	<b>72.4</b>	<b>70.0</b>	<b>73.2</b>	<b>37.3</b>	<b>19.1</b>
Austria.....	29.7	13.7	3.9	.9	.4	.4	.3	.4	.5	.4	.1
Belgium.....	12.9	8.5	3.2	.5	.4	.3	.4	.4	.4	.3	.1
Czechoslovakia.....	28.8	21.4	8.3	4.5	.7	.5	.6	.6	.7	.6	.2
Denmark.....	13.7	11.8	3.6	.6	.4	.4	.4	.4	.4	.4	.1
Finland.....	6.7	5.8	3.4	.5	.3	.3	.3	.3	.4	.2	.1
France.....	38.0	34.3	14.1	2.5	1.6	1.4	1.5	1.6	1.8	1.0	.4
Germany.....	345.5	200.0	53.1	9.7	6.3	5.2	5.8	6.4	6.7	6.0	1.5
Greece.....	48.4	90.2	83.8	16.5	10.8	10.0	8.4	7.8	7.0	2.7	2.4
Hungary.....	64.5	17.3	10.0	1.8	1.3	.9	.9	.9	.9	.5	.3
Ireland.....	64.4	42.4	12.2	1.6	1.6	1.3	1.2	1.2	1.2	1.3	.3
Italy.....	188.0	206.7	118.5	25.0	15.9	11.6	8.4	7.5	7.4	6.2	3.4
Netherlands.....	47.2	27.8	8.4	1.5	1.0	.8	.9	1.0	1.2	.8	.2
Norway.....	24.7	16.4	3.9	.5	.4	.4	.3	.3	.4	.5	.1
Poland.....	128.0	73.3	34.3	3.6	4.0	3.9	3.8	4.0	5.1	2.2	1.0
Portugal.....	20.4	79.3	88.9	13.2	11.3	11.8	10.5	9.7	10.4	2.4	2.5
Romania.....	17.4	14.9	14.0	1.8	1.6	1.2	2.2	2.0	2.0	.4	.4
Spain.....	10.7	30.5	26.1	4.1	3.4	2.5	2.3	2.5	2.3	.9	.7
Sweden.....	18.9	16.7	4.8	.7	.8	.5	.5	.6	.6	.5	.1
Switzerland.....	17.2	16.3	5.1	1.1	.5	.5	.6	.6	.7	.5	.1
U. Kingdom.....	208.9	230.5	94.1	14.2	10.7	10.8	11.4	12.5	14.2	6.9	2.7
U.S.S.R.....	46.5	15.7	30.0	.9	1.2	5.1	8.2	5.7	5.2	.5	.9
Yugoslavia.....	58.7	46.2	37.8	8.6	5.8	3.5	2.8	2.8	2.6	1.4	1.1
<b>Asia<sup>1</sup>.....</b>	<b>157.1</b>	<b>445.3</b>	<b>1,208.5</b>	<b>94.9</b>	<b>130.7</b>	<b>132.4</b>	<b>149.9</b>	<b>157.8</b>	<b>249.8</b>	<b>13.4</b>	<b>34.5</b>
China <sup>2</sup> .....	32.7	96.7	150.7	14.1	18.1	18.5	18.8	20.0	21.3	2.9	4.3
Hong Kong.....	3.1	25.6	39.6	3.9	4.6	4.9	5.8	5.6	5.2	.8	1.1
India.....	3.1	51.2	134.4	10.1	12.8	15.8	17.5	18.6	20.8	.9	3.8
Iran.....	2.5	10.4	27.3	1.8	2.6	2.3	2.7	4.3	5.9	.3	.8
Iraq.....	1.4	6.4	18.0	1.2	2.3	3.0	3.4	2.8	2.2	.2	.6
Israel.....	8.6	12.9	19.9	2.0	2.0	2.1	3.0	3.0	3.3	.4	.6
Japan.....	44.7	38.5	37.4	4.5	4.9	4.3	4.3	4.2	4.0	1.2	1.1
Jordan.....	5.1	14.0	22.2	2.8	2.8	2.6	2.6	2.9	3.1	.4	.6
Korea.....	7.0	35.8	210.4	9.3	28.0	28.4	30.8	30.9	29.3	1.1	6.0
Lebanon.....	3.2	7.5	25.2	1.9	2.4	2.1	2.8	5.7	4.6	.2	.7
Philippines.....	17.2	101.5	276.7	31.2	32.9	31.8	37.3	39.1	37.2	3.1	7.9
Thailand.....	(NA)	5.0	36.7	1.8	5.0	4.2	6.9	3.9	3.6	.2	1.0
Turkey.....	2.4	6.8	14.7	2.1	1.9	1.6	1.7	1.8	1.6	.2	.4
Vietnam.....	2.0	4.6	113.5	1.5	3.2	3.0	3.0	4.6	88.5	.1	3.2
<b>North America<sup>1</sup>.....</b>	<b>769.1</b>	<b>1,351.1</b>	<b>1,322.6</b>	<b>129.1</b>	<b>151.4</b>	<b>146.7</b>	<b>142.3</b>	<b>187.3</b>	<b>220.8</b>	<b>40.7</b>	<b>37.8</b>
Canada.....	274.9	286.7	87.4	13.8	7.7	7.3	7.6	12.7	16.9	8.6	2.5
Mexico.....	319.3	443.3	528.5	44.5	71.6	62.2	57.9	44.1	92.4	13.3	15.1
West Indies <sup>1</sup> .....	122.8	519.5	612.4	61.4	63.0	67.4	66.8	114.0	91.4	15.6	17.5
Barbados.....	1.6	9.4	15.8	1.8	1.5	1.6	1.7	2.8	3.0	.3	.5
Cuba.....	78.3	256.8	246.2	16.3	18.9	26.0	29.2	69.8	29.8	7.7	7.0
Dominican Rep.....	9.8	94.1	113.3	10.8	15.7	14.0	12.5	11.7	19.5	2.8	3.2
Haiti.....	4.0	37.5	45.6	6.9	3.9	5.1	5.4	5.4	6.5	1.1	1.3
Jamaica.....	8.7	71.0	103.4	15.0	12.4	11.1	9.0	11.5	19.3	2.1	3.0
Trinidad and Tobago.....	1.8	24.6	51.3	7.4	6.5	6.0	4.8	6.1	6.0	.7	1.5
Central America <sup>1</sup> .....	44.6	97.7	93.9	9.3	9.2	9.7	9.9	16.5	20.2	2.9	2.7
El Salvador.....	4.8	15.0	23.8	1.7	2.3	2.4	2.4	4.4	5.8	.5	.7
Guatemala.....	4.1	15.4	19.3	2.1	1.6	1.9	2.0	3.6	4.0	.5	.6
Panama.....	9.7	18.4	15.7	1.6	1.7	1.7	1.7	2.4	3.1	.6	.4
<b>South America<sup>1</sup>.....</b>	<b>72.2</b>	<b>228.3</b>	<b>209.4</b>	<b>22.0</b>	<b>22.3</b>	<b>23.0</b>	<b>22.7</b>	<b>33.0</b>	<b>41.8</b>	<b>6.9</b>	<b>6.0</b>
Argentina.....	14.3	42.1	19.4	3.4	2.1	2.2	2.3	2.8	3.7	1.3	.6
Brazil.....	8.9	20.5	10.6	1.9	1.1	1.1	1.0	1.5	1.9	.6	.3
Colombia.....	17.6	70.3	55.6	6.8	5.8	6.4	5.7	8.3	11.0	2.1	1.6
Ecuador.....	9.5	37.0	39.6	4.4	4.8	4.7	4.5	5.3	5.7	1.1	1.1
Guyana.....	1.0	7.1	32.1	1.8	3.2	3.2	3.3	5.7	7.6	.2	.9
Peru.....	5.7	18.6	20.8	.9	1.9	2.3	2.6	3.9	5.2	.6	.6
<b>Africa.....</b>	<b>16.6</b>	<b>39.3</b>	<b>64.5</b>	<b>8.1</b>	<b>6.2</b>	<b>6.7</b>	<b>7.7</b>	<b>10.1</b>	<b>11.5</b>	<b>1.2</b>	<b>1.8</b>
Egypt.....	3.7	17.2	19.3	4.9	1.8	1.7	1.8	2.3	2.8	.5	.6
<b>Australia.....</b>	<b>3.7</b>	<b>9.9</b>	<b>11.5</b>	<b>1.7</b>	<b>1.2</b>	<b>1.1</b>	<b>1.4</b>	<b>1.4</b>	<b>1.6</b>	<b>.3</b>	<b>.3</b>
<b>New Zealand.....</b>	<b>1.3</b>	<b>3.7</b>	<b>4.7</b>	<b>.6</b>	<b>.4</b>	<b>.4</b>	<b>.4</b>	<b>.6</b>	<b>.6</b>	<b>.1</b>	<b>.1</b>
<b>Other countries.....</b>	<b>3.3</b>	<b>5.5</b>	<b>12.6</b>	<b>.9</b>	<b>1.5</b>	<b>1.8</b>	<b>2.0</b>	<b>2.1</b>	<b>2.1</b>	<b>.2</b>	<b>.4</b>

NA Not available. <sup>1</sup> Includes countries not shown separately. <sup>2</sup> Includes Taiwan.

Source: U.S. Immigration and Naturalization Service, *Annual Report*, and releases.

### NO. 136. IMMIGRANTS ADMITTED AS PERMANENT RESIDENTS UNDER REFUGEE ACTS, BY COUNTRY OF BIRTH: 1954 TO 1978

[For years ending June 30 except, beginning 1977, ending September 30. 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; and beginning 1978, Indochina refugees under Act of Oct. 1977]

COUNTRY OF BIRTH	1954-1978, total	1961-1970, total	1971-1976, total	1977	1978	COUNTRY OF BIRTH	1954-1978, total	1961-1970, total	1971-1976, total	1977	1978
<b>Total</b> .....	<b>873,714</b>	<b>212,719</b>	<b>194,031</b>	<b>78,485</b>	<b>132,781</b>	<b>Asia <sup>1</sup></b> .....	<b>168,146</b>	<b>19,207</b>	<b>19,235</b>	<b>3,451</b>	<b>96,659</b>
<b>Europe <sup>1</sup></b> .....	<b>333,634</b>	<b>55,914</b>	<b>40,408</b>	<b>6,520</b>	<b>7,258</b>	China <sup>2</sup> .....	25,763	5,300	9,018	975	1,064
Austria.....	5,713	233	141	8	14	Indonesia.....	15,989	7,658	40	21	30
Bulgaria.....	3,500	1,799	868	70	97	Japan.....	4,365	554	9	3	9
Czechoslovakia.....	11,542	5,709	2,303	138	247	Kampuchea.....	3,607	-	-	-	3,607
Germany.....	22,101	665	89	21	14	Korea.....	4,481	1,315	-	8	38
Greece.....	19,318	586	220	76	28	Laos.....	4,259	-	-	-	4,259
Hungary.....	52,172	4,044	3,211	271	332	Vietnam.....	88,135	5	36	1,319	86,777
Italy.....	60,405	1,198	296	22	13	Other Asia.....	21,547	4,375	10,124	1,131	874
Netherlands.....	17,428	3,134	9	-	-	<b>North America</b> .....	<b>361,826</b>	<b>131,955</b>	<b>132,578</b>	<b>68,171</b>	<b>28,473</b>
Poland.....	20,115	3,197	2,915	504	608	Cuba.....	359,862	131,448	132,131	67,985	28,299
Portugal.....	5,010	1,361	13	-	4	Other North America.....	1,964	507	447	186	174
Romania.....	17,268	7,158	3,233	722	1,070	<b>South America</b> .....	<b>933</b>	<b>121</b>	<b>341</b>	<b>258</b>	<b>150</b>
Spain.....	9,366	4,105	4,131	602	318	Africa.....	9,004	5,486	1,459	85	227
U.S.S.R.....	26,537	865	11,342	3,972	4,342	Other.....	171	36	10	-	14
Yugoslavia.....	50,007	18,299	11,146	44	44						
Other Europe.....	13,152	3,561	491	70	127						

- Represents zero. <sup>1</sup> Through 1970, Turkey included in Europe; thereafter, included in Asia. <sup>2</sup> Includes Taiwan.  
Source: U.S. Immigration and Naturalization Service, *Annual Report*.

### NO. 137. INDOCHINA REFUGEES, 1975 TO 1978, AND BY CHARACTERISTICS, 1975

[Number of refugees present as of Dec. 31, except as noted. Includes only refugees resettled in U.S. See text, status of Indochinese, p. 90]

CHARACTERISTIC	Number (1,000)	Percent	CHARACTERISTIC	Number (1,000)	Percent
<b>Refugees, total, 1978</b> .....	<b><sup>1</sup> 176.3</b>	<b>100.0</b>	Occupation <sup>2</sup> .....	30.6	100.0
<b>Refugees, total, 1977</b> .....	<b>148.4</b>	<b>100.0</b>	Medical professions.....	2.2	7.2
<b>Refugees, total, 1976</b> .....	<b>144.1</b>	<b>100.0</b>	Prof., tech., and managerial.....	7.4	24.0
<b>Refugees, total, 1975</b> .....	<b><sup>2</sup> 123.3</b>	<b>100.0</b>	Clerical and sales.....	3.6	11.7
<b>1975</b> .....			Service workers.....	2.3	7.6
Male.....	67.5	54.7	Machine trades.....	2.7	8.7
Female.....	55.8	45.3	Structural and construction.....	2.0	6.6
<b>Age:</b> .....			Other and unknown.....	10.4	34.2
Under 6 years.....	20.4	16.6	Educational level <sup>4</sup> .....	67.0	100.0
6-17 years.....	36.1	29.3	None.....	1.4	2.1
18-24 years.....	22.7	18.4	Elementary.....	12.0	17.9
25-44 years.....	32.3	26.2	Secondary.....	25.4	37.9
45-62 years.....	9.3	7.5	University and above.....	13.1	19.5
63 years and over.....	2.5	2.0	Unknown.....	15.1	22.6

<sup>1</sup> As of Dec. 31, 1978, an additional 67,000 were resettled in other countries. <sup>2</sup> Covers period from April 18, 1975, to Dec. 10, 1975. <sup>3</sup> For heads of households. <sup>4</sup> For persons 18 years old and over.

Source: 1976-1978, U.S. Dept. of Health, Education, and Welfare, Task Force for Indochina, *Report to the Congress*; 1975, U.S. Dept. of State, Interagency Task Force for Indochina, *Report to the Congress*.

### NO. 138. CUBAN REFUGEE PROGRAM: 1961 TO 1979

[Except as noted, refugees receiving welfare assistance as of June and other data for years ending June 30]

ITEM	1961-1970, total	1971-1975, total	1971	1972	1973	1974	1975	1976	1977 <sup>1</sup>	1978 <sup>1</sup>	1979, <sup>1</sup> est.
Cuban Refugee Center, Miami, Fla.: Registrations (1,000).....	355.9	82.7	46.9	19.0	6.9	4.6	5.3	3.2	2.0	1.5	6.5
Resettlements to other areas (1,000).....	229.1	48.5	32.4	12.5	2.7	.5	.4	.4	.3	.1	.5
Refugees receiving welfare assistance <sup>2</sup> (1,000).....	(x)	(x)	77.7	90.7	86.8	34.0	29.1	28.8	22.2	21.4	25.5
In Florida (1,000).....	(x)	(x)	32.4	35.6	39.6	14.9	12.9	12.5	11.2	10.6	11.9
In other States (1,000).....	(x)	(x)	45.3	55.1	47.2	19.1	16.2	16.3	11.0	10.8	13.6
Total cost of program <sup>3</sup> (mil. dol.).....	472.0	591.5	112.1	136.7	143.7	114.8	84.2	83.8	66.4	53.9	39.0

X Not applicable. <sup>1</sup> Refugees receiving welfare assistance as of Sept. and other data for year ending Sept. 30. <sup>2</sup> Through State and local public welfare agencies with 100 percent Federal reimbursement from the Cuban Refugee Program. Beginning January 1974, most aged and disabled Cuban refugees were covered by Federal Supplemental Security Income program and were not considered welfare assistance cases. <sup>3</sup> Includes welfare assistance costs.

Source: U.S. Social Security Administration, unpublished data.



### NO. 139. ENTRIES OF ALIENS AND CITIZENS OVER INTERNATIONAL LAND BOUNDARIES: 1950 TO 1979

[In millions. For years ending June 30 except, beginning 1977, ending September 30. Each entry of same person counted separately. Partially estimated]

YEAR	ALL ENTRIES			VIA CANADIAN BORDER			VIA MEXICAN BORDER		
	Total	Aliens	Citizens	Total	Aliens	Citizens	Total	Aliens	Citizens
1950.....	87.5	41.3	46.2	38.8	16.6	22.1	48.7	24.7	24.1
1955.....	119.8	61.6	58.2	48.0	24.8	23.2	71.8	36.8	35.0
1960.....	154.0	89.0	65.0	55.5	29.8	25.7	98.5	59.2	39.3
1965.....	175.8	101.8	74.0	59.8	33.3	26.5	116.0	68.5	47.5
1970.....	216.0	126.5	89.6	71.6	39.8	31.8	144.4	86.7	57.7
1973.....	238.3	138.4	99.9	77.4	42.5	34.8	160.9	95.8	65.1
1974.....	245.3	143.7	101.6	75.7	42.1	33.7	169.6	101.7	67.9
1975.....	236.8	141.1	95.7	78.4	43.6	34.8	158.4	97.5	60.9
1976.....	249.8	152.2	97.6	81.7	46.5	35.2	168.1	105.7	62.4
1977.....	242.4	150.3	92.1	85.6	49.9	35.7	156.8	100.4	56.4
1978.....	251.3	155.0	96.3	87.6	51.7	35.9	163.7	103.3	60.4
1979.....	245.2	152.3	92.9	81.5	47.8	33.7	163.7	104.5	59.2

### NO. 140. FOREIGN LABORERS ADMITTED, BY COUNTRY OF LAST PERMANENT RESIDENCE: 1960 TO 1979

[For years ending June 30 except, beginning 1977, ending September 30. Covers workers admitted after U.S. Dept. of Labor certification as to need for temporary agricultural workers. For data on temporary workers admitted under Immigration and Nationality Act, see table 145. Mexican agricultural laborers were employed under the provisions of Public Law 78 from 1949 until December 31, 1964. After that date, Mexican agricultural laborers, like workers from other countries, entered the United States under the Immigration and Nationality Act, which provides for the importation of foreign workers if like workers are not available in the United States]

COUNTRY	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>Total.....</b>	<b>1,447,207</b>	<b>155,761</b>	<b>47,483</b>	<b>37,294</b>	<b>33,906</b>	<b>25,434</b>	<b>22,124</b>	<b>21,671</b>	<b>18,679</b>	<b>18,213</b>
<b>Agricultural laborers:</b>										
Mexico.....	427,240	2103,563	-	-	-	-	-	-	-	-
Canada.....	7,804	8,149	3,156	1,458	1,250	970	572	399	312	287
West Indies.....	10,874	15,397	15,895	11,712	11,625	11,245	11,568	11,661	10,955	12,246
Japan.....	969	31	-	-	-	-	-	-	-	-
Spain (Basque shepherders).....	213	453	463	381	322	211	185	206	274	258
<b>Others:</b>										
Canada woodsmen.....	(NA)	13,281	8,238	8,310	5,685	3,671	2,696	2,303	2,059	1,534
U.S. V.I. workers.....	(NA)	13,514	15,459	10,582	9,901	7,286	5,967	4,304	3,077	2,713
Workers admitted into Guam.....	-	1,373	4,272	4,851	5,125	2,051	1,136	2,798	2,002	1,175

- Represents zero. NA Not available. <sup>1</sup> Includes British Honduras, not shown separately.

<sup>2</sup> Includes 100,876 Mexican laborers admitted under Public Law 78 prior to Dec. 31, 1964.

### NO. 141. ALIENS ADMITTED AND EXPELLED: 1951 TO 1978

[In thousands. For years ending June 30 except, beginning 1977, ending September 30. See also *Historical Statistics, Colonial Times to 1970*, series C 144, C 149, and C 158-160]

STATUS	1951- 1960	1961- 1970	1971- 1978	1970	1974	1975	1976	1977	1978
<b>Aliens admitted.....</b>	<b>9,629</b>	<b>27,429</b>	<b>60,757</b>	<b>4,805</b>	<b>7,304</b>	<b>7,470</b>	<b>8,054</b>	<b>6,499</b>	<b>9,945</b>
Immigrant.....	2,515	3,322	3,502	373	395	386	399	482	601
Nonimmigrant.....	7,113	24,107	57,255	4,432	6,909	7,084	7,655	6,037	9,344
<b>Deportable aliens located.....</b>	<b>3,584</b>	<b>1,608</b>	<b>6,335</b>	<b>345</b>	<b>786</b>	<b>767</b>	<b>876</b>	<b>1,042</b>	<b>1,058</b>
Entry without inspection <sup>1</sup> .....	(NA)	780	5,504	244	693	668	773	935	971
From Mexico.....	(NA)	756	5,273	240	681	655	757	921	820
Other North American countries.....	(NA)	28	51	4	5	5	4	11	12
<b>Aliens departed.....</b>	<b>6,682</b>	<b>19,277</b>	<b>32,789</b>	<b>3,246</b>	<b>5,059</b>	<b>5,130</b>	<b>5,146</b>	<b>5,381</b>	<b>(NA)</b>
<b>Aliens expelled.....</b>	<b>4,014</b>	<b>1,431</b>	<b>5,750</b>	<b>320</b>	<b>738</b>	<b>679</b>	<b>793</b>	<b>897</b>	<b>1,004</b>
Deported.....	130	96	189	17	19	23	28	30	28
Required to depart.....	3,884	1,334	5,562	303	719	656	765	867	976

NA Not available. <sup>1</sup> Includes other countries not shown separately. <sup>2</sup> Covers 1971-1977 only.

Source of tables 139-141: U.S. Immigration and Naturalization Service, *Annual Report*.

## NO. 142. ALIEN DEPORTATION, BY SELECTED CAUSES: 1951 TO 1978

[For years ending June 30 except, beginning 1977, ending September 30]

CAUSE	1951-1960	1961-1970	1971-1978	1970	1974	1975	1976	1977	1978
<b>Total</b> .....	<b>129,887</b>	<b>96,374</b>	<b>179,606</b>	<b>16,893</b>	<b>18,824</b>	<b>23,436</b>	<b>27,998</b>	<b>30,228</b>	<b>28,371</b>
Entry without inspection or by false statements .....	54,457	43,561	126,633	8,035	11,839	16,529	21,777	25,012	24,165
Failure to maintain or comply with conditions of nonimmigrant status .....	25,260	31,334	29,058	4,436	3,839	3,649	3,782	3,150	2,543
Criminal .....	6,742	3,694	1,971	268	191	225	272	285	220
Violation of narcotic laws .....	947	1,462	3,063	202	396	583	464	372	314
Previously excluded or deported .....	4,002	3,801	3,555	393	440	526	481	315	236
Entry without proper documents .....	35,090	11,831	15,040	3,511	2,086	1,896	1,185	1,066	871
Other .....	3,389	891	286	48	33	30	37	28	22

Source: U.S. Immigration and Naturalization Service, *Annual Report*.

## NO. 143. IMMIGRATION AND NATIONALITY VIOLATIONS—SUMMARY: 1960 TO 1979

[For years ending June 30 except, beginning 1977, ending September 30]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979
<b>Prosecutions disposed of</b> .....	<b>2,773</b>	<b>3,714</b>	<b>6,034</b>	<b>17,734</b>	<b>14,172</b>	<b>17,126</b>	<b>17,176</b>	<b>16,796</b>	<b>17,396</b>
Immigration violations .....	2,589	3,288	5,510	17,808	13,947	16,928	16,797	16,445	16,967
Nationality violations .....	184	426	524	126	225	198	379	351	431
<b>Convictions</b> .....	<b>2,557</b>	<b>3,442</b>	<b>5,497</b>	<b>16,834</b>	<b>12,811</b>	<b>15,772</b>	<b>15,388</b>	<b>15,348</b>	<b>15,463</b>
Immigration violations .....	2,400	3,037	4,991	16,570	12,676	15,653	15,223	15,140	15,163
Percent of prosecutions .....	92.7	92.4	90.6	94.1	90.9	92.5	90.6	92.1	89.4
Nationality violations .....	157	405	506	64	135	119	165	208	300
Percent of prosecutions .....	85.3	95.1	96.6	50.8	60.0	60.1	43.5	59.3	69.6
Aggregate fines (\$1,000) .....	39	126	250	927	755	1,050	879	786	607
Aggregate imprisonment (years) .....	1,994	3,422	4,042	5,998	5,313	6,367	6,478	7,597	7,868

Source: U.S. Immigration and Naturalization Service, *Annual Report*.

## NO. 144. IMMIGRATION BORDER PATROL ACTIVITIES: 1965 TO 1979

[In thousands, except as indicated. For years ending June 30 except, beginning 1977, ending September 30]

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979
Persons apprehended <sup>1</sup> .....	53.3	233.9	503.9	640.8	802.2	701.6	820.4	870.6	896.9
Deportable aliens located .....	52.4	231.1	498.1	634.8	596.8	696.0	812.5	862.2	888.7
Mexican .....	44.2	219.3	480.6	616.6	579.4	678.4	792.6	841.5	866.8
Canadian .....	5.8	7.8	8.7	7.4	7.3	5.9	5.8	6.5	5.7
Other .....	2.5	4.1	8.9	10.8	10.1	11.7	14.1	14.2	16.2
Smuggled aliens apprehended .....	1.8	18.7	41.6	83.1	80.4	82.9	138.8	159.2	172.7
Aliens located:									
Previously expelled .....	14.0	67.4	152.4	182.4	184.6	186.9	241.1	266.8	259.1
Previous criminal record .....	4.0	3.8	11.2	10.9	10.3	13.1	12.3	11.9	12.4
Conveyances examined .....	1,172	1,792	2,886	2,905	3,470	3,277	3,277	3,658	4,030
Automobiles .....	752	1,311	2,020	2,230	2,663	2,440	2,647	2,543	2,791
Persons questioned <sup>2</sup> .....	5,285	6,805	9,507	10,202	11,265	10,783	11,606	11,343	11,800
In automobiles .....	1,877	3,416	5,135	5,591	6,888	6,145	6,844	6,643	6,841
Pedestrians .....	2,065	1,661	2,145	2,243	2,056	2,293	2,333	2,186	2,259
Value of seizures (\$1,000) .....	594	4,547	25,954	47,210	28,654	18,019	19,557	8,348	9,967
Narcotics (\$1,000) .....	394	3,865	23,464	45,056	26,302	16,035	17,071	6,251	8,446

<sup>1</sup> Covers deportable aliens located and U.S. citizens engaged in smuggling or other immigration violations.<sup>2</sup> Includes types not shown separately.Source: U.S. Immigration and Naturalization Service, *Annual Report*.

## NO. 145. NONIMMIGRANTS ADMITTED, BY CLASSES: 1966 TO 1978

(In thousands, except percent. For years ending June 30 except, beginning 1977, ending September 30. For definition of nonimmigrants, see text, p. 89. Excludes border crossers, crewmen, and insular travelers. See also *Historical Statistics, Colonial Times to 1970*, series C 149-157)

CLASS OF ADMISSION	1966-1970, avg.	1971-1975, avg.	1976-1978, avg.	1970	1975	1976	1977	1978
<b>Nonimmigrants.....</b>	<b>3,245.5</b>	<b>5,909.0</b>	<b>8,345.0</b>	<b>4,431.9</b>	<b>7,083.9</b>	<b>7,654.5</b>	<b>8,036.9</b>	<b>9,343.7</b>
Temporary visitors, total.....	2,370.2	4,548.1	6,840.5	3,345.2	5,587.4	6,096.8	6,381.4	7,443.4
Percent of total.....	73.0	77.0	79.6	75.5	78.9	79.6	79.4	79.7
For pleasure.....	2,109.3	4,106.4	5,951.1	3,020.4	5,060.0	5,513.2	5,697.3	6,642.7
For business.....	260.8	441.7	689.5	324.8	527.4	583.6	684.1	800.7
Returning resident aliens <sup>1</sup> .....	366.0	695.6	931.9	493.5	800.0	844.3	897.7	1,053.6
Transit aliens.....	211.6	265.0	263.0	231.9	273.0	263.8	252.1	273.1
Foreign government officials <sup>2</sup> .....	44.8	82.0	77.3	50.5	68.4	77.0	71.2	83.8
Treaty traders and investors.....	13.2	32.7	43.9	19.2	35.0	37.4	44.0	50.4
Students <sup>2</sup> .....	83.2	109.4	170.2	107.3	118.0	133.0	171.0	206.7
Representatives to international organizations <sup>2</sup> .....	19.7	30.4	39.8	23.8	32.6	37.1	38.2	44.0
Temporary workers and industrial trainees.....	72.9	67.0	54.7	86.5	67.3	56.5	56.3	51.3
Workers of distinguished merit and ability.....	9.8	14.5	15.8	11.1	15.6	14.8	15.7	16.8
Other temporary workers.....	58.8	38.5	26.8	69.3	37.5	29.7	27.7	22.9
Industrial trainees.....	4.1	4.2	3.1	5.3	3.8	2.8	3.2	3.3
Their spouses and children.....	(X)	9.9	9.1	.8	10.6	9.2	9.7	8.3
Representatives of foreign information media.....	3.7	5.6	8.9	4.7	6.1	8.2	8.4	10.0
Exchange visitors <sup>2</sup> .....	58.0	66.1	69.8	66.6	63.4	62.8	71.5	75.1
NATO officials <sup>2</sup> .....	2.4	3.4	5.4	2.3	4.0	5.1	5.1	5.9
Persons betrothed to U.S. citizens and their children.....	(X)	7.9	6.6	.1	6.4	6.2	7.2	6.4
Intracompany transferees <sup>2</sup> .....	(X)	15.9	33.0	.4	22.3	26.3	32.8	40.0

X Not applicable. <sup>1</sup> Returning resident aliens who have once been counted as immigrants are included with nonimmigrants. <sup>2</sup> Includes spouses and children.

## NO. 146. NONIMMIGRANTS ADMITTED, BY COUNTRY OF BIRTH: 1966 TO 1978

(In thousands. For years ending June 30 except, beginning 1977, ending September 30. For definition of nonimmigrants, see text, p. 89. Excludes border crossers, crewmen, and insular travelers. Students and others entering with multiple entry documents are only counted on the first admission. Includes returning resident aliens admitted with documents in addition to the Alien Registration Receipt Card)

COUNTRY	1966-1970, avg.	1971-1975, avg.	1975	1977	1978	COUNTRY	1966-1970, avg.	1971-1975, avg.	1975	1977	1978
<b>Total.....</b>	<b>3,246</b>	<b>5,909</b>	<b>7,064</b>	<b>8,037</b>	<b>9,344</b>	<b>Europe<sup>1</sup>.....</b>	<b>1,242</b>	<b>1,914</b>	<b>2,076</b>	<b>2,451</b>	<b>3,020</b>
<b>America<sup>1</sup>.....</b>	<b>1,501</b>	<b>2,831</b>	<b>3,477</b>	<b>3,750</b>	<b>4,213</b>	Austria.....	21	29	32	38	46
Argentina.....	41	62	98	90	118	Belgium.....	21	34	37	48	62
Bahamas.....	62	83	71	87	108	Denmark.....	25	32	34	44	52
Brazil.....	36	71	93	68	88	France.....	127	191	191	246	283
Canada.....	133	193	223	275	262	Germany.....	209	345	355	450	550
Colombia.....	45	86	91	121	152	Greece.....	34	51	5260	60	65
Dominican Republic.....	87	121	149	155	167	Ireland.....	30	51	48	53	66
Ecuador.....	21	32	38	59	78	Italy.....	129	173	171	183	220
Guatemala.....	25	31	33	50	58	Netherlands.....	61	88	98	126	159
Haiti.....	16	33	43	52	62	Norway.....	23	38	41	50	56
Jamaica.....	60	106	124	128	143	Poland.....	21	31	42	39	49
Mexico.....	633	1,537	1,997	1,990	2,150	Portugal.....	20	38	43	48	56
Panama.....	15	28	29	36	41	Spain.....	39	60	68	86	98
Peru.....	30	40	47	47	45	Sweden.....	36	57	65	86	103
Trinidad and Tobago.....	25	42	43	52	62	Switzerland.....	41	61	73	98	116
Venezuela.....	50	71	87	176	247	U.S.S.R. <sup>3</sup> .....	8	12	16	18	19
<b>Asia<sup>1</sup>.....</b>	<b>292</b>	<b>930</b>	<b>1,260</b>	<b>1,461</b>	<b>1,692</b>	United Kingdom.....	329	533	582	665	678
China <sup>2</sup> .....	24	53	63	80	91	Yugoslavia.....	14	24	27	30	35
Hong Kong.....	8	20	28	30	37	<b>Africa.....</b>	<b>43</b>	<b>71</b>	<b>89</b>	<b>130</b>	<b>165</b>
India.....	24	56	69	80	101	<b>Australia and New Zealand.....</b>	<b>74</b>	<b>124</b>	<b>149</b>	<b>210</b>	<b>161</b>
Iran.....	9	24	35	98	131	<b>Other countries.....</b>	<b>95</b>	<b>41</b>	<b>33</b>	<b>35</b>	<b>93</b>
Israel.....	18	37	46	57	63						
Japan.....	114	565	810	807	892						
Korea.....	9	25	31	45	53						
Philippines.....	34	57	65	82	101						

<sup>1</sup> Includes countries not shown separately. <sup>2</sup> Includes Taiwan. <sup>3</sup> Europe and Asia.

Source of tables 145 and 146: U.S. Immigration and Naturalization Service, *Annual Report*.

## NO. 147. ALIENS REPORTING UNDER ALIEN ADDRESS PROGRAM: 1960 TO 1979

[In thousands, except percent. All aliens in the United States on January 1 are required to report their addresses to the Department of Justice in January except, for 1960, Mexican agricultural workers]

NATIONALITY	1960	1970	1978	1979		STATE OR AREA OF RESIDENCE	1960	1970	1978	1979	
				Num-ber	Per-cent					Num-ber	Per-cent
<b>Total</b> .....	<b>2,949</b>	<b>4,247</b>	<b>4,980</b>	<b>5,058</b>	<b>100.0</b>	<b>Total</b> .....	<b>2,949</b>	<b>4,247</b>	<b>4,980</b>	<b>5,058</b>	<b>100.0</b>
Canada .....	295	428	333	296	5.9	Arizona .....	35	49	64	67	1.3
China <sup>1</sup> .....	48	107	144	183	3.6	California .....	567	982	1,284	1,317	26.0
Colombia .....	12	59	78	81	1.6	Colorado .....	20	23	35	35	7
Cuba .....	63	433	355	338	6.7	Connecticut .....	75	109	94	95	1.9
Dominican Rep. ....	(NA)	72	118	120	2.4	Florida .....	84	290	370	376	7.4
Ecuador .....	6	31	51	52	1.0	Hawaii .....	51	53	70	70	1.4
France .....	35	47	37	49	1.0	Illinois .....	199	264	288	290	5.7
Germany .....	263	229	167	167	3.3	Indiana .....	29	30	31	33	7
Greece .....	49	73	66	64	1.3	Maryland .....	28	48	65	57	1.1
India .....	10	42	113	126	2.4	Massachusetts .....	128	169	169	167	3.3
Ireland .....	68	52	29	31	.6	Michigan .....	142	146	136	136	2.7
Italy .....	257	247	195	189	3.7	New Jersey .....	151	233	276	269	5.3
Jamaica .....	(NA)	60	90	92	1.8	New York .....	554	821	796	763	15.1
Japan .....	72	82	103	105	2.1	Ohio .....	109	98	85	86	1.7
Korea .....	10	31	158	170	3.4	Pennsylvania .....	126	110	109	110	2.2
Mexico .....	510	734	989	1,041	20.6	Rhode Island .....	18	26	32	33	.7
Netherlands .....	40	48	36	36	.7	Texas .....	238	258	392	425	8.4
Philippines .....	61	125	231	238	4.7	Virginia .....	19	31	52	55	1.1
Poland .....	167	124	87	86	1.7	Washington .....	51	63	73	77	1.6
Portugal .....	32	81	128	134	2.7	Wisconsin .....	35	35	32	32	.6
United Kingdom .....	227	330	321	311	6.2	Puerto Rico .....	6	52	44	44	.9
Vietnam .....	(NA)	4	123	134	2.7	Virgin Islands .....	3	19	22	24	.5
Yugoslavia .....	51	43	40	32	.6	All other .....	281	338	461	497	9.7
All other .....	673	765	988	983	19.3						

NA Not available. <sup>1</sup> Includes Taiwan.

## NO. 148. ALIEN NATURALIZATION—DECLARATIONS, PETITIONS, AND CERTIFICATES: 1907 TO 1978

[In thousands. For years ending June 30 except, beginning 1977, ending Sept. 30. National data not compiled prior to 1907. Includes U.S. outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series C 168 and C 180]

PERIOD OR YEAR	Declara-tions filed <sup>1</sup>	PETITIONS <sup>2</sup>		CERTIFICATES ISSUED				
		Filed	De-nied	Total	Status		Sex	
					Civilian	Military	Male	Female
<b>Total, 1907-1978</b> .....	<b>8,793.4</b>	<b>10,577.0</b>	<b>483.2</b>	<b>9,972.3</b>	<b>9,388.0</b>	<b>604.3</b>	<b>4,624.1</b>	<b>3,755.4</b>
1907-1910 .....	526.3	164.0	17.7	111.7	111.7	-	(NA)	(NA)
1911-1920 .....	2,686.9	1,381.4	118.7	1,129.0	884.7	244.3	(NA)	(NA)
1921-1930 .....	2,709.0	1,884.3	165.5	1,773.2	1,717.0	56.2	1,166.2	255.2
1931-1940 .....	1,369.5	1,637.1	45.8	1,518.5	1,498.6	19.9	968.4	550.1
1941-1950 .....	920.3	1,938.1	64.8	1,987.0	1,837.2	149.8	941.5	1,045.5
1951-1960 .....	323.8	1,230.5	27.6	1,189.9	1,148.2	41.7	503.5	686.4
1961-1970 .....	144.9	1,143.0	23.6	1,120.3	1,084.2	36.1	513.5	606.8
1971-1978 .....	112.7	1,198.6	19.5	1,142.7	1,086.4	56.3	531.0	611.4
1950 .....	93.5	66.0	2.3	66.4	64.3	2.1	25.7	40.6
1955 .....	10.9	213.5	4.6	209.6	197.6	12.0	95.9	113.7
1960 .....	16.3	127.5	2.3	119.4	117.8	1.6	50.9	68.5
1965 .....	13.1	106.8	2.1	104.3	101.2	3.1	48.5	55.8
1970 .....	18.8	114.8	2.0	110.4	99.8	10.6	52.7	57.7
1972 .....	21.2	121.9	1.8	116.2	107.7	8.5	55.4	60.8
1973 .....	17.4	126.9	1.7	120.7	112.9	7.8	56.9	63.8
1974 .....	14.0	136.2	2.2	131.7	124.9	6.8	60.8	70.8
1975 .....	12.2	149.4	2.3	141.5	135.3	6.2	66.6	75.0
1976 .....	10.7	157.9	2.2	142.5	136.9	5.6	66.0	76.5
1977 .....	7.5	186.4	2.8	159.9	154.7	5.3	73.4	86.5
1978 .....	7.3	168.8	3.9	173.5	168.4	5.1	78.7	94.8

<sup>2</sup> Represents zero. NA Not available. <sup>1</sup> Declaration of intention to become citizen.

<sup>2</sup> Petition for naturalization. <sup>3</sup> Includes certificates not distributed by sex.

<sup>4</sup> 1923-1930 only. <sup>5</sup> Includes aliens serving in U.S. Armed Forces who were naturalized abroad.

Source of tables 147 and 148: U.S. Immigration and Naturalization Service, *Annual Report*.

## NO. 149. ALIENS NATURALIZED—CHARACTERISTICS: 1960 TO 1978

[For years ending June 30 except, beginning 1977, ending September 30. Includes U.S. outlying areas. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series C 162-167 and C 170-171]

CHARACTERISTIC	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
<b>Total naturalized</b> .....	<b>119,442</b>	<b>104,299</b>	<b>110,399</b>	<b>116,215</b>	<b>120,740</b>	<b>131,655</b>	<b>141,537</b>	<b>142,504</b>	<b>159,873</b>	<b>173,535</b>
Under general naturalization provisions <sup>1</sup> .....	91,548	75,630	79,761	89,475	94,039	103,450	113,289	114,653	131,331	143,133
Under special provisions.....	27,894	27,669	30,638	26,740	26,701	28,205	28,248	27,851	28,542	30,402
Married to U.S. citizens.....	19,799	18,602	14,899	13,211	13,380	14,768	15,416	15,138	15,394	16,207
Children of U.S. citizens <sup>2</sup> .....	6,149	7,914	5,023	4,861	5,461	6,511	6,566	7,038	7,787	9,035
Filipinos <sup>3</sup> .....	88	9	—	1	—	1	—	—	—	—
Military.....	1,594	3,085	10,616	8,475	7,796	6,848	6,214	5,631	5,291	5,111
Other.....	264	65	100	92	64	77	50	44	70	49
<b>By sex and marital status:</b>										
<b>Males<sup>4</sup></b> .....	<b>50,896</b>	<b>48,495</b>	<b>52,666</b>	<b>55,416</b>	<b>56,901</b>	<b>60,823</b>	<b>66,587</b>	<b>66,007</b>	<b>73,377</b>	<b>78,746</b>
Single.....	14,341	15,358	14,196	14,917	15,423	16,946	17,789	16,973	18,709	20,186
Married.....	34,517	31,766	36,979	38,794	39,752	41,882	46,723	46,896	52,342	55,569
Widowed.....	1,183	593	397	461	405	423	401	370	381	406
Divorced.....	852	773	1,086	1,244	1,321	1,472	1,674	1,766	1,945	2,585
<b>Females<sup>4</sup></b> .....	<b>68,546</b>	<b>55,804</b>	<b>57,733</b>	<b>60,799</b>	<b>63,839</b>	<b>70,832</b>	<b>74,950</b>	<b>76,497</b>	<b>86,496</b>	<b>94,789</b>
Single.....	10,330	11,746	11,458	12,373	13,103	14,964	15,392	15,977	17,877	19,641
Married.....	52,252	40,483	42,128	43,007	46,271	50,880	54,487	55,308	62,887	68,591
Widowed.....	4,694	2,416	2,240	2,301	2,267	2,298	2,171	2,082	2,343	2,322
Divorced.....	1,262	1,156	1,001	2,215	2,198	2,690	2,900	3,130	3,589	4,235
Males per 1,000 females.....	743	869	912	911	891	859	888	863	848	831
Median age (years).....	38.0	34.1	35.1	35.4	35.4	35.1	34.9	35.2	35.4	35.3
Male (years).....	38.9	34.6	35.4	35.9	36.0	35.7	35.7	36.0	36.0	35.9
Female (years).....	37.3	33.7	34.8	34.9	34.8	34.6	34.3	34.5	34.8	34.8

- Represents zero. <sup>1</sup> See text, p. 90. <sup>2</sup> Includes adopted children.

<sup>3</sup> With U.S. residence beginning prior to May 1, 1934. <sup>4</sup> Through 1972 includes status unknown, not shown separately.

## NO. 150. ALIENS NATURALIZED, BY COUNTRY OF FORMER ALLEGIANCE, AND BY STATE OF RESIDENCE: 1970 TO 1978

[For years ending June 30 except, beginning 1978, ending September 30. Includes U.S. outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series C 169-179]

COUNTRY OF FORMER ALLEGIANCE	1970	1975	1978		STATE OR AREA OF RESIDENCE	1970	1975	1978	
			Num-ber	Per-cent				Num-ber	Per-cent
<b>Total</b> .....	<b>110,399</b>	<b>141,537</b>	<b>173,535</b>	<b>100.0</b>	<b>Total</b> .....	<b>110,399</b>	<b>141,537</b>	<b>173,535</b>	<b>100.0</b>
Canada.....	6,340	3,548	3,594	2.1	Arizona.....	1,007	1,088	1,069	.6
Central America <sup>1</sup> .....	2,480	2,773	3,818	2.2	California.....	20,054	26,834	36,544	21.1
China <sup>2</sup> .....	3,099	9,683	11,303	6.5	Colorado.....	716	878	1,297	.8
Colombia.....	970	1,699	2,663	1.5	Connecticut.....	2,444	3,509	3,242	1.9
Czechoslovakia.....	506	1,738	1,449	.8	Florida.....	11,556	10,576	13,138	7.6
Egypt.....	377	1,988	1,606	1.0	Georgia.....	873	853	1,020	.6
Germany.....	10,067	5,187	4,278	2.5	Hawaii.....	2,658	3,094	3,672	2.1
Greece.....	2,906	6,647	5,758	3.3	Illinois.....	6,823	9,707	12,864	7.4
India.....	325	2,720	6,477	3.7	Indiana.....	749	1,113	1,163	.7
Italy.....	7,892	8,798	8,160	4.7	Maryland.....	1,855	2,227	4,368	2.5
Israel.....	1,516	1,644	1,419	.8	Massachusetts.....	3,813	5,448	5,519	3.2
Korea.....	1,687	6,007	12,575	7.3	Michigan.....	2,865	3,674	3,518	2.0
Mexico.....	6,195	5,781	8,662	4.9	Minnesota.....	515	1,011	1,261	.7
Philippines.....	5,469	15,330	20,218	11.6	Missouri.....	744	983	986	.6
Poland.....	3,426	3,069	2,962	1.7	New Jersey.....	6,633	8,207	16,751	9.6
Portugal.....	1,374	3,728	3,599	2.1	New York.....	21,684	31,700	31,640	18.3
United Kingdom <sup>3</sup> .....	7,549	8,532	9,118	5.2	Ohio.....	2,589	3,741	3,518	2.0
Vietnam.....	282	1,369	1,594	.9	Oregon.....	481	734	863	.5
<b>West Indies<sup>1</sup></b> .....	<b>22,675</b>	<b>22,692</b>	<b>29,315</b>	<b>16.9</b>	Pennsylvania.....	3,169	3,499	4,649	2.7
Cuba.....	20,888	15,546	16,053	9.3	Texas.....	4,858	4,569	5,725	3.3
Dominican Rep.....	538	1,518	2,504	1.4	Virginia.....	1,509	2,207	3,275	1.9
Hall.....	433	1,966	2,279	1.3	Washington.....	1,352	2,124	2,289	1.3
Jamaica.....	479	2,152	6,459	3.7	Wisconsin.....	913	992	1,137	.7
Other West Indies.....	337	1,510	2,026	1.2	Guam.....	556	1,130	1,082	.6
Yugoslavia.....	1,725	3,273	2,881	1.6	Puerto Rico.....	1,535	1,625	1,247	.7
Other.....	23,539	25,131	31,866	18.4	Other.....	8,448	10,014	11,498	6.6

<sup>1</sup> Independent countries. <sup>2</sup> Includes Taiwan. <sup>3</sup> Includes colonies and dependencies.

Source of tables 149 and 150: U.S. Immigration and Naturalization Service, *Annual Report*, and releases.

# Health and Nutrition

This section presents statistics on health expenditures and insurance coverage; medical personnel; hospitals; nursing homes and other care facilities; incidence of health handicaps and diseases; nutritional intake of the population; per capita food consumption; and Federal food programs. 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 which, prior to 1977, were collected by the U.S. Social Security Administration (SSA) are now collected by the U.S. Health Care Financing Administration (HCFA), and appear in the *Health Care Financing Review*, issued quarterly. Statistics on health personnel and inpatient and outpatient facilities are published biennially (annually prior to the 1976-77 edition) by NCHS in *Health Resources Statistics*. Additional data on health personnel 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 in *Hospital Statistics*. Primary sources for data on nutrition and Federal food programs are the quarterly *National Food Review* and the annual *Agricultural Statistics*, 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.**—Estimates of national health care expenditures are compiled by type of expenditure and source of funds by the HCFA. These estimates are drawn from a number of sources such as the American Hospital Association and the following Federal agencies: the Veterans Administration; the Department of Defense; the Internal Revenue Service; the Department of Commerce national income accounts in the *Survey of Current Business*; the National Center for Health Statistics; the Social Security Administration; the Bureau of the Census in *Government Finances*; the Office of Education; the Occupational and Health Administration; the National Aeronautics and Space Administration; and the National Institutes of Health. For details, see the section on "Definitions, Concepts, and Sources of Data" in the annual report on national health expenditures published in the *Health Care Financing Review*.

The general method for arriving at national private health expenditures is to estimate the total national outlays (public and private) for each type of medical service or expenditure. From these outlays are then deducted the amounts paid to public and private hospitals, physicians in private practice, etc., under the various Federal, State, and local programs identified as components of total welfare expenditures.

Since 1974, data on public (Federal, State, and local governmental) expenditures have been organized and reported under 10 broad categories of health programs: Health insurance for the aged and disabled (Medicare); temporary disability insurance (medical benefits); workers' compensation (medical benefits); public assistance, including Medicaid (vendor medical payments); general hospital and medical care; Defense Department hospital and medical care (including military dependents); maternal and child health services; other public health activities; veterans' hospital and medical care; and medical vocational rehabilitation. For several Federal health programs, the data are taken from the Office of Management and Budget (OMB) special analysis of health programs. For the remainder, the data are supplied by various Federal, State, and local agencies.

**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. They are published in *Health Resources Statistics*, DHEW Publication No. (PHS) 1509, and in *Vital and Health Statistics* reports, series 14. In these reports, a hospital is defined as a facility with at least six inpatient beds that is licensed as a hospital by a State, or is operated as a hospital by a Federal or State agency.

These last two reports also present statistics on the number, geographic distribution, and characteristics of health resources including physicians, dentists, nurses, other health occupations, hospitals, nursing homes, and outpatient facilities. 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). Data based on sample surveys of health personnel and utilization of health facilities providing long-term care, ambulatory care, hospital care, and family planning services are presented in NCHS series 13 and series 14, *Health Resources Utilization Survey* and *Manpower and Facilities*. Statistics on patient visits to health care providers, as reported in health interviews, appear in NCHS series 10, *Health Interview Survey*.

The Health Care Financing Administration's *Health Insurance Statistics* presents data for hospitals and nursing homes as well as extended care facilities and home health agencies. These data are based on records of the Federal Health Insurance for the Aged program (Medicare) begun in 1966 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 the *Mental Health Statistics* reports, series A and B, and the Mental Health Statistical Note series.

Institutional population data based on the 1960 and 1970 censuses of the population include information on persons in hospitals, in homes for the aged and dependent, and in other group quarters (see tables 79 and 80). Data concerning long-term institutional care are available from the Survey of Institutionalized Persons conducted by the Bureau of the Census for the former U.S. Department of Health, Education, and Welfare.

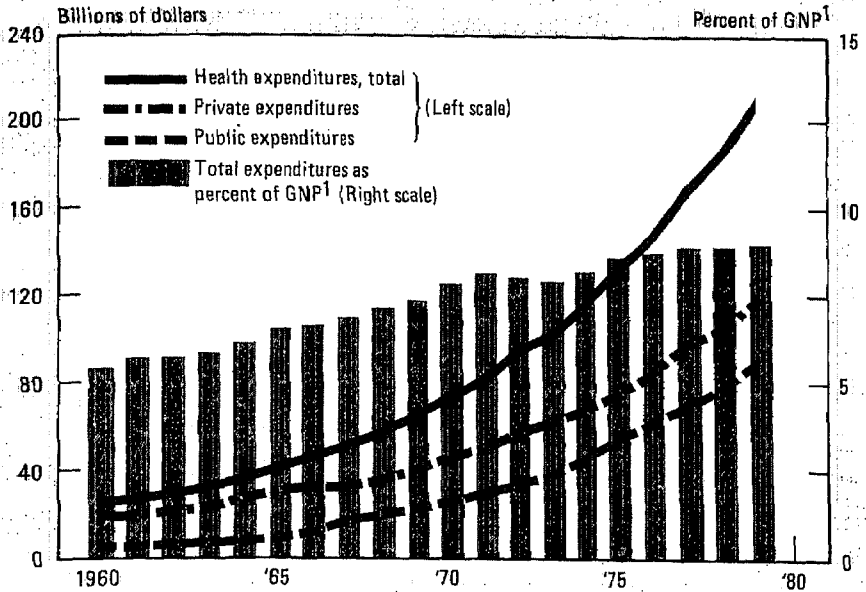
**Disability and illness.**—General health statistics, including morbidity, disability, injuries, preventive care, and findings from physiological and psychological testing, are collected by NCHS in its Health Interview Survey and its Health and Nutrition Examination Surveys and appear in *Vital and Health Statistics*, series 10 and 11, respectively. Morbidity data for members of the Armed Services are prepared and published by the Departments of the Army, Navy, and Air Force. 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 Center 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 (nutrient value, annually) in *National Food Review*. Historical data can be found in *Food Consumption, Prices, and Expenditures*, issued annually. Data on the Federally Funded Food Distribution Program for Needy Families and Children, the National School Lunch Program, the Special Milk Program, and the Food Stamp Program are published annually in *Agricultural Statistics*.

**Statistical reliability.**—For discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability applicable to data from NCHS and the Health Care Financing Administration, see Appendix III.

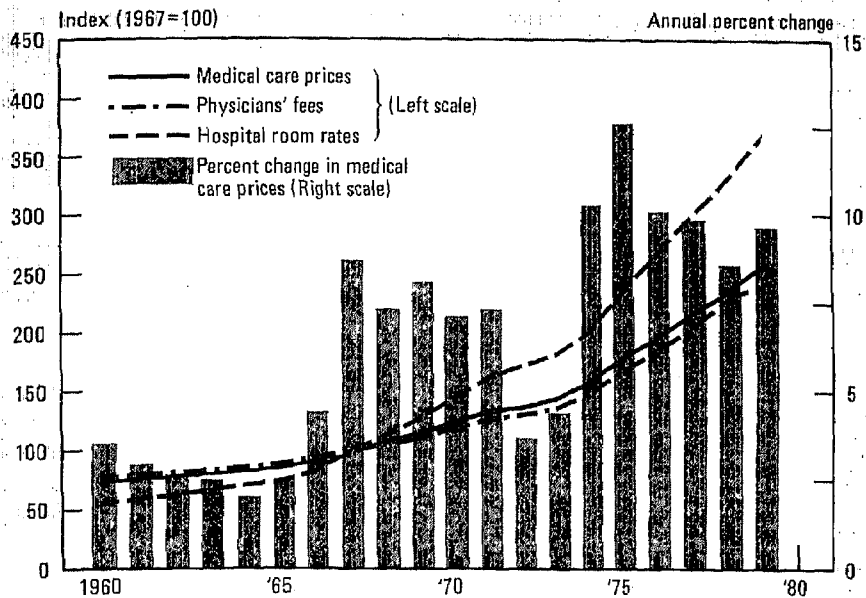
**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

Figure 4.1

**National Health Expenditures: 1960 to 1979**<sup>1</sup>Gross national product.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 152.

Figure 4.2

**Indexes of Medical Care Prices: 1960 to 1979**

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 159.



## NO. 151. NATIONAL HEALTH EXPENDITURES: 1950 TO 1979

(Calendar year)

YEAR	TOTAL <sup>1</sup>		HEALTH SERVICES AND SUPPLIES							
	Total (bil. dol.)	Per cent of GNP <sup>2</sup>	Private				Public			
			Total <sup>3</sup> (bil. dol.)	Direct payments		Insurance premiums <sup>4</sup> (bil. dol.)	Total <sup>5</sup>		Medical payments	
				Total (bil. dol.)	Per cent of total private		Total (bil. dol.)	Per cent of total health exp.	Medicare (bil. dol.)	Public assistance (bil. dol.)
1950.....	12.7	4.4	8.9	7.1	80.3	1.3	2.8	22.0	(x)	.1
1955.....	17.7	4.4	12.9	9.1	70.9	3.2	4.0	22.6	(x)	.2
1960.....	26.9	5.3	19.6	13.0	66.3	5.8	5.6	20.8	(x)	.5
1965.....	42.0	6.1	29.8	18.6	62.9	10.0	9.0	21.4	(x)	2.1
1970.....	74.9	7.6	44.5	26.1	58.7	17.2	25.0	33.4	7.5	6.2
1971.....	83.1	7.8	48.5	27.5	56.6	19.7	28.5	34.3	8.3	8.1
1972.....	93.5	8.0	54.8	30.7	55.9	22.7	32.2	34.4	9.1	9.0
1973.....	103.0	7.9	60.4	33.4	55.3	25.5	35.9	34.8	10.1	10.2
1974.....	116.3	8.2	65.8	35.2	53.5	28.9	43.1	37.1	13.1	11.9
1975.....	132.1	8.6	72.5	37.7	52.1	33.0	51.3	38.9	16.3	14.9
1976.....	148.9	8.7	82.1	41.6	50.6	38.6	57.7	38.7	19.3	16.6
1977.....	169.9	8.9	95.8	48.9	51.0	44.5	65.0	38.3	22.5	18.6
1978.....	186.6	8.9	104.4	53.1	50.9	48.9	74.7	39.6	25.9	21.1
1979, prel.....	212.2	9.0	117.1	60.0	51.2	54.4	85.2	40.2	30.3	24.3

X Not applicable. <sup>1</sup> Includes medical research and medical facilities construction. <sup>2</sup> GNP=Gross national product; see Section 14. <sup>3</sup> Includes other sources of funds not shown separately. <sup>4</sup> See footnote 4, table 152. <sup>5</sup> Includes other programs, not shown separately.

## NO. 152. NATIONAL HEALTH EXPENDITURES, BY TYPE: 1965 TO 1979

(In millions of dollars, except percent. See *Historical Statistics, Colonial Times to 1970*, series B 248-261)

TYPE OF EXPENDITURE	1965	1970	1973	1974	1975	1976	1977	1978	1979 <sup>1</sup>
Total.....	41,994	74,903	103,045	116,284	132,120	148,872	169,875	188,643	212,199
Avg. annual percent change <sup>2</sup> .....	<sup>3</sup> 9.3	12.3	11.2	12.8	13.6	12.7	14.1	11.0	12.5
Private expenditures.....	31,020	47,094	63,894	69,126	75,811	85,683	99,259	107,958	120,806
Health services and supplies.....	29,552	44,534	60,419	65,821	72,478	82,145	95,788	104,404	117,081
Direct payments.....	18,584	26,128	33,410	35,233	37,725	41,554	48,855	53,057	59,973
Insurance premiums <sup>4</sup> .....	10,001	17,185	25,524	28,900	33,014	38,632	44,490	48,896	54,420
Other.....	966	1,221	1,485	1,888	1,737	1,959	2,444	2,452	2,688
Medical research.....	176	215	232	252	264	267	273	282	285
Medical facilities construction.....	1,292	2,345	3,043	3,053	3,071	3,251	3,198	3,272	3,440
Public expenditures.....	10,974	27,809	39,351	47,158	56,309	63,209	70,616	80,685	91,393
Percent Federal of public.....	51.3	63.4	63.9	64.6	65.8	67.4	67.2	66.8	66.7
Health services and supplies.....	8,999	25,049	35,872	43,086	51,346	57,677	65,006	74,709	85,237
OASDHI (Medicare) <sup>5</sup> .....	(x)	7,495	10,134	13,099	16,316	19,300	22,525	25,932	30,338
Temporary disability insurance <sup>6</sup> .....	52	67	70	72	74	83	74	78	78
Workers' compensation (med.) <sup>7</sup> .....	880	1,537	2,025	2,344	2,639	3,071	3,462	3,854	4,442
Public assistance med. payments <sup>7</sup> .....	2,112	6,205	10,191	11,888	14,866	16,593	18,620	21,129	24,326
General hospital, medical care <sup>8</sup> .....	2,680	3,961	5,320	5,601	5,451	4,999	5,708	6,739	7,417
Defense Dept. hospital, medical.....	1,013	1,887	2,451	3,121	3,071	3,251	3,353	3,666	4,023
Maternal, child health programs.....	241	406	454	518	562	609	640	670	696
Public health activities.....	814	1,420	2,233	2,731	3,157	3,813	4,316	5,284	6,047
Veterans' hospital, medical care.....	1,145	1,764	2,741	3,000	3,495	4,152	4,400	4,984	5,355
Medical vocational rehabilitation.....	40	149	177	203	224	224	250	257	275
Other.....	22	158	76	509	1,491	1,582	1,658	2,116	2,240
Medical research.....	1,270	1,674	2,206	2,450	2,875	3,368	3,536	4,041	4,330
Medical facilities construction.....	705	1,086	1,273	1,622	1,988	2,163	2,074	1,934	1,827

X Not applicable. <sup>1</sup> Preliminary. <sup>2</sup> Change from prior year shown, except as noted. For explanation of average annual percent change, see Guide to Tabular Presentation. <sup>3</sup> Change from 1960. <sup>4</sup> Covers insurance benefits and amount retained by insurance companies for expenses, additions to reserves, and profits (net cost of insurance).

<sup>5</sup> Federal hospital and medical insurance under old-age, survivors, disability, and health insurance programs; see text, p. 327. <sup>6</sup> Includes medical benefits paid under public law by private insurance carriers and self-insurers. <sup>7</sup> Payments made directly to suppliers of medical care. Primarily Medicaid. <sup>8</sup> Primarily covers State and local psychiatric hospitals and school health.

Source of tables 151 and 152: U.S. Health Care Financing Administration, *Health Care Financing Review*, Summer 1980 and earlier issues; and unpublished data.

# Health Expenditures

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## NO. 153. NATIONAL HEALTH EXPENDITURES, BY OBJECT: 1960 TO 1979

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

OBJECT OF EXPENDITURE	EXPENDITURE (bil. dol.)								PERCENT			
	1960	1965	1970	1975	1976	1977	1978	1979	1960	1970	1975	1979
<b>Total</b> .....	<b>26.9</b>	<b>42.0</b>	<b>74.9</b>	<b>132.1</b>	<b>148.9</b>	<b>169.9</b>	<b>188.6</b>	<b>212.2</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Spent by:</b>												
Consumers.....	18.8	28.6	43.3	70.7	80.2	93.3	102.0	114.4	69.9	57.8	53.5	53.9
Government.....	5.6	11.0	27.8	56.3	63.2	70.6	80.7	91.4	24.5	37.1	42.6	43.1
Philanthropy and industry.....	1.4	2.4	3.8	5.1	5.5	5.9	6.0	6.4	5.2	5.0	3.8	3.0
<b>Spent for:</b>												
Health services and supplies.....	25.2	38.6	69.6	123.8	139.8	160.8	179.1	202.3	93.7	92.9	93.7	95.3
Personal health care expenses.....	23.7	36.0	65.4	116.5	131.3	148.0	166.6	186.6	88.1	87.3	88.2	88.9
Hospital care.....	9.1	13.9	27.8	52.1	59.8	67.7	75.8	85.3	33.8	37.1	39.5	40.2
Physicians' services.....	5.7	8.5	14.3	24.9	27.6	31.9	35.8	40.6	21.2	19.1	18.9	19.1
Dentists' services.....	2.0	2.8	4.7	8.2	9.4	10.5	11.9	13.6	7.4	6.3	6.2	6.4
Other professional services <sup>1</sup> .....	.9	1.0	1.6	2.6	3.2	3.6	4.1	4.7	3.3	2.1	2.0	2.2
Drugs and sundries.....	3.7	5.2	8.2	11.8	12.8	14.0	15.4	17.0	13.8	11.0	8.9	8.0
Eyeglasses and appliances <sup>2</sup> .....	.8	1.2	1.9	3.0	3.2	3.5	3.9	4.4	3.0	2.6	2.3	2.1
Nursing home care.....	.5	2.1	4.7	10.1	11.4	12.8	15.1	17.8	1.9	6.3	7.6	8.4
Other health services.....	1.1	1.3	2.1	3.7	3.9	4.0	4.6	5.2	4.1	2.7	2.8	2.4
Expense for prepayment and administration.....	1.1	1.7	2.8	4.1	4.7	5.5	7.2	7.7	4.1	3.7	3.1	3.6
Gov't public health activities.....	.4	.8	1.4	3.2	3.8	4.3	5.9	6.0	1.5	1.9	2.4	2.9
Research.....	.6	1.4	1.9	3.2	3.6	3.8	4.3	4.6	2.2	2.5	2.5	2.2
Construction.....	1.0	2.0	3.4	5.1	5.4	5.3	5.2	5.3	3.7	4.6	3.8	2.5

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

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Summer 1980, and unpublished data.

## NO. 154. HEALTH SERVICES AND SUPPLIES—PER CAPITA NATIONAL AND PRIVATE CONSUMER EXPENDITURES, BY OBJECT: 1960 TO 1979

[In dollars, except percent. Based on Bureau of the Census data for total U.S. population as of January 1 for 1960, as of July 1 beginning 1965; 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	1960	1965	1970	1975	1976	1977	1978	1979
<b>Total, national</b> .....	<b>137.00</b>	<b>194.91</b>	<b>333.89</b>	<b>569.42</b>	<b>637.53</b>	<b>727.23</b>	<b>802.81</b>	<b>899.03</b>
Avg. annual percent change <sup>1</sup> .....	6.4	7.3	11.4	11.3	12.0	14.1	10.4	12.0
Hospital care.....	49.46	70.20	133.39	239.78	272.70	306.29	339.94	379.23
Physicians' services.....	30.92	42.84	68.81	114.66	125.69	144.06	160.47	180.41
Dentists' services.....	10.75	14.20	22.79	37.88	43.08	47.65	53.31	60.46
Other professional services <sup>2</sup> .....	4.69	5.22	7.65	12.04	14.60	16.13	18.29	20.83
Drugs and drug sundries.....	19.89	26.35	39.39	54.33	58.28	63.26	68.91	75.43
Eyeglasses and appliances <sup>2</sup> .....	4.22	6.12	9.24	13.72	14.68	15.79	17.68	19.34
Nursing home care.....	2.86	10.48	22.54	46.47	51.93	57.94	67.69	79.13
Other health services.....	6.02	6.60	9.87	16.98	17.62	18.12	20.56	23.02
Expenses for prepayment and administration <sup>3</sup> .....	5.93	8.78	13.39	19.05	21.58	38.49	32.28	34.31
Gov't. public health activities.....	2.25	4.11	6.81	14.52	17.38	19.52	23.68	26.87
<b>Total, private consumer</b> .....	<b>102.44</b>	<b>144.53</b>	<b>207.83</b>	<b>325.31</b>	<b>365.62</b>	<b>422.17</b>	<b>456.97</b>	<b>508.32</b>
Hospital care.....	27.79	41.28	61.54	104.59	120.80	134.63	148.14	163.12
Physicians' services.....	28.88	39.83	53.92	84.46	93.69	107.51	118.69	133.09
Dentists' services.....	10.74	13.95	21.72	35.73	40.88	45.42	51.09	58.07
Other professional services <sup>2</sup> .....	4.49	4.93	6.51	9.27	11.33	12.18	13.65	15.27
Drugs and drug sundries.....	19.57	25.36	37.06	49.60	53.08	57.91	63.13	69.12
Eyeglasses and appliances <sup>2</sup> .....	4.13	5.98	8.72	12.68	13.51	14.45	16.10	17.52
Nursing home care.....	2.24	6.77	11.45	20.06	22.73	24.43	28.55	33.76
Expenses for prepayment <sup>3</sup> .....	4.60	6.43	6.92	8.91	9.59	25.65	17.60	18.37

<sup>1</sup> Change from prior year shown; for 1960 from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. <sup>2</sup> See footnotes for corresponding objects in table 153. <sup>3</sup> Net cost of insurance.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Summer 1980, and unpublished data.

## NO. 155. GOVERNMENT EXPENDITURES FOR HEALTH SERVICES AND SUPPLIES: 1975 AND 1979

[In millions of dollars, except percent. Excludes medical research and construction]

YEAR AND TYPE OF SERVICE	Total <sup>1</sup>	Per cent distribution	FEDERAL		State and local	Medicare <sup>2</sup> (OAS-DHI)	Public assistance <sup>3</sup>	OTHER HEALTH SERVICES		
			Total	Per cent of total				Vet-erans	De-fense Dept. <sup>4</sup>	Work-ers' com-pen-sation <sup>5</sup>
<b>1975, total<sup>1</sup></b>	<b>51,346</b>	<b>100.0</b>	<b>33,915</b>	<b>66.1</b>	<b>17,431</b>	<b>16,316</b>	<b>14,866</b>	<b>3,495</b>	<b>3,071</b>	<b>2,639</b>
Hospital care.....	28,855	56.2	20,253	70.2	8,602	11,603	5,065	2,894	2,199	1,017
Physicians' services.....	6,552	12.8	4,665	71.2	1,887	3,338	2,009	38	76	884
Nursing home care.....	5,681	11.1	3,186	56.1	2,496	291	5,216	174	-	-
Drugs and sundries.....	1,027	2.0	527	51.3	500	-	954	9	8	41
Administration.....	2,007	3.9	1,163	57.9	845	728	618	37	23	594
Public health activities.....	3,157	6.1	1,221	38.7	1,936	-	-	-	-	-
<b>1979, total<sup>1</sup></b>	<b>85,237</b>	<b>100.0</b>	<b>56,439</b>	<b>66.2</b>	<b>28,798</b>	<b>30,338</b>	<b>24,326</b>	<b>5,355</b>	<b>4,023</b>	<b>4,442</b>
Hospital care.....	47,692	56.0	34,886	73.1	12,806	21,651	8,574	4,444	2,637	1,696
Physicians' services.....	10,624	12.5	7,999	75.3	2,625	6,407	2,374	61	107	1,411
Nursing Home care.....	10,102	11.9	5,461	54.1	4,642	373	9,417	313	-	-
Drugs and sundries.....	1,420	1.7	705	49.6	716	-	1,312	13	11	66
Administration.....	3,306	3.9	1,787	54.1	1,519	1,010	1,113	50	23	1,100
Public health activities.....	6,047	7.1	1,341	22.2	4,706	-	-	-	-	-

- Represents zero. <sup>1</sup>Includes other items not shown separately. <sup>2</sup>Covers hospital and medical insurance payments and administrative costs under Old-age, Survivors, Disability and Health Insurance program. <sup>3</sup>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. <sup>4</sup>Includes care for retirees and military dependents. <sup>5</sup>Medical benefits.

## NO. 156. PERSONAL HEALTH CARE—THIRD PARTY PAYMENTS AND PRIVATE CONSUMER EXPENDITURES: 1950 TO 1979

[In millions of dollars, except percent. Prior to 1960, excludes Alaska and Hawaii]

ITEM	1950	1960	1965	1970	1975	1976	1977	1978	1979
Personal health care expenditures <sup>1</sup> .....	10,885	23,880	36,000	65,372	116,522	131,276	147,988	166,627	188,551
Third party payments, total.....	3,752	10,890	17,416	39,244	78,797	89,722	99,113	113,570	128,578
Percent of total health care.....	34.5	45.1	48.4	60.0	67.6	68.3	67.0	68.2	68.2
Private insurance payments.....	992	4,996	8,729	15,744	31,077	36,528	38,819	44,969	50,286
Government expenditures.....	2,440	5,157	7,899	22,460	46,182	51,450	58,138	66,405	75,884
Philanthropy and industry.....	320	537	788	1,040	1,539	1,743	2,157	2,196	2,407
Private consumer expenditures <sup>2</sup> .....	6,055	17,886	27,313	41,872	68,802	78,093	87,673	98,026	110,259
Percent met by private insurance.....	11.4	27.8	32.0	37.6	45.2	46.8	44.3	45.9	45.6
Hospital care.....	1,832	5,108	8,164	12,824	22,744	26,493	29,767	33,052	36,708
Percent met by private insurance.....	37.1	64.7	70.8	78.0	82.5	82.6	76.9	80.8	81.2
Physicians' services.....	2,597	5,309	7,877	11,237	18,366	20,548	23,771	26,481	29,951
Percent met by private insurance.....	12.0	30.0	34.0	43.7	52.7	54.5	50.1	51.3	50.5

<sup>1</sup>See headnote, table 157. <sup>2</sup>Includes expenditures not shown separately. Excludes expenses for prepayment.

## NO. 157. PERSONAL HEALTH CARE EXPENDITURES, BY TYPE AND SOURCE OF PAYMENT: 1979

[In millions of dollars, except as indicated. Covers all expenditures for health services and supplies except expenses for prepayment and administration, government public health activities, and expenditures of philanthropic agencies for fund raising activities]

SOURCE	TOTAL EXPENDITURES		Hos-pital care	Physi-cians' serv-ices	Den-tists' serv-ices	Other profes-sional services	Drugs and drug sun-dries	Eye-glasses and appli-ances	Nurs-ing home care	Other health serv-ices
	Total	Per capita <sup>1</sup> (dc.)								
<b>Total.....</b>	<b>188,551</b>	<b>838</b>	<b>85,342</b>	<b>40,599</b>	<b>13,607</b>	<b>4,687</b>	<b>16,975</b>	<b>4,353</b>	<b>17,807</b>	<b>5,180</b>
Direct payments.....	59,973	267	6,805	14,813	9,938	2,832	14,216	3,789	7,481	-
Third party payments.....	128,578	571	78,437	25,786	3,669	1,855	2,760	564	10,326	-
Private health insurance.....	50,286	223	29,803	15,138	3,130	604	1,339	155	117	-
Government.....	75,884	337	47,692	10,624	539	1,200	1,420	409	10,102	3,897
Philanthropy and industry.....	2,407	11	942	24	-	52	-	-	107	1,283
Private <sup>2</sup> .....	<b>112,666</b>	<b>501</b>	<b>37,650</b>	<b>29,975</b>	<b>13,068</b>	<b>3,488</b>	<b>15,555</b>	<b>3,944</b>	<b>7,705</b>	<b>1,283</b>

- Represents zero. <sup>1</sup>For basis of per capita figures, see headnote, table 154. <sup>2</sup>Covers direct payments, private health insurance, and philanthropy and industry.

Source of tables 155-157: U.S. Health Care Financing Administration, *Health Care Financing Review*, Summer 1980.

**NO. 158. PERSONAL HEALTH CARE EXPENDITURES, BY AGE GROUP, 1965 TO 1978, AND BY TYPE: 1978**

[In millions of dollars, except per capita. For years ending June 30 except, beginning 1977, ending Sept. 30. See headnote, table 157, for definition of personal health care expenditures. Data do not agree with tables 153, 154, and 156 because data shown here are not based on latest revisions for total national health expenditures]

YEAR AND TYPE OF EXPENDITURE	Total	Public	Private	UNDER 19 YEARS OLD		19-64 YEARS OLD		65 YEARS OLD AND OVER	
				Public	Private	Public	Private	Public	Private
1965.....	37,267	7,880	29,387	992	5,391	4,231	17,781	2,656	6,213
1970.....	65,723	22,442	43,281	2,479	7,878	9,389	28,708	10,577	6,694
1976.....	132,127	51,596	80,531	4,801	11,789	22,494	55,367	24,302	13,372
1977.....	149,139	58,091	91,048	5,206	13,053	25,196	62,382	27,690	15,613
1978, total.....	167,911	65,042	102,870	5,896	14,180	28,172	70,497	31,175	18,192
Per capita <sup>1</sup> (dollars).....	753	292	461	82	204	218	546	1,260	747
Hospital care.....	76,025	40,919	35,107	3,235	3,835	19,159	28,626	18,524	2,645
Physicians' services.....	35,250	9,439	25,811	833	4,362	3,316	17,808	5,290	3,620
Dentists' services.....	13,300	539	12,761	234	2,546	281	8,876	45	1,338
Other professional services.....	4,275	972	3,303	205	193	307	2,480	459	631
Drugs and drug sundries.....	15,098	1,300	13,798	173	2,650	625	8,419	503	2,728
Eyeglasses and appliances.....	3,879	357	3,522	22	459	134	2,659	201	405
Nursing home care.....	15,751	8,358	7,394	67	1	2,457	600	5,834	6,790
Other health services.....	4,333	3,168	1,175	927	113	1,913	1,028	319	35

<sup>1</sup> Based on U.S. Bureau of the Census data as of January 1 for total U.S. population including Armed Forces and Federal civilian employees abroad, and the civilian population of outlying areas.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Spring 1980.

**NO. 159. INDEXES OF MEDICAL CARE PRICES: 1960 TO 1980**

[1967=100. 1960 excludes Alaska and Hawaii. Indexes are components of consumer price index; for explanation, see text, pp. 475 and 476. For explanation of average annual percent change, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series B 262-272]

YEAR	Index, total	Average annual percent change	Medical care services <sup>1</sup>	PROFESSIONAL SERVICES			Hospital room	Drugs and prescriptions <sup>2</sup>
				Total <sup>1</sup>	Physicians'	Dental		
1960.....	79.1	<sup>3</sup> 3.5	74.9	(NA)	77.0	81.2	57.3	104.5
1965.....	89.5	2.5	87.3	(NA)	88.3	92.2	75.9	100.2
1970.....	120.6	6.2	124.2	119.7	121.4	119.4	145.4	103.6
1971.....	128.4	6.5	133.0	127.5	129.8	127.0	163.1	105.4
1972.....	132.5	3.2	138.2	132.1	133.8	132.3	173.9	105.6
1973.....	137.7	3.9	144.3	136.4	138.2	136.4	182.1	105.9
1974.....	150.5	9.3	159.1	148.2	150.9	146.8	201.5	109.6
1975.....	168.6	12.0	179.1	164.5	169.4	161.9	236.1	118.8
1976.....	184.7	9.5	197.1	179.4	188.5	172.2	268.8	126.0
1977.....	202.4	9.6	216.7	194.1	206.0	185.1	299.5	134.1
1978.....	219.4	8.4	235.4	208.8	223.1	198.1	332.4	143.5
1979.....	239.7	9.3	258.3	226.8	243.6	214.8	370.3	153.8
1980, May.....	263.4	(X)	284.7	250.3	267.5	238.8	410.1	165.4

NA Not available. X Not applicable. <sup>1</sup> Includes other services, not shown separately. <sup>2</sup> Beginning 1978, represents medical care commodities which cover drugs, prescriptions, and other medical supplies. <sup>3</sup> Change from 1955.

Source: U.S. Bureau of Labor Statistics, *Consumer Price Indexes for Selected Items and Groups, Monthly and Annual Averages*.

**NO. 160. BENEFIT EXPENDITURES OF PRIVATE HEALTH INSURANCE ORGANIZATIONS: 1975 TO 1977**

[In millions of dollars. For financial data on private health insurance organizations, see table 921]

TYPE OF CARE	Total	BLUE CROSS-BLUE SHIELD			INSURANCE COMPANIES			Independent plans
		Total	Blue Cross	Blue Shield	Total	Group policies	Individual policies	
1975, total.....	31,917	14,192	10,076	4,116	14,526	12,957	1,569	3,200
1976, total.....	38,418	16,227	11,625	4,602	18,365	16,634	1,731	3,827
1977, total.....	41,645	17,474	12,474	5,142	19,514	17,592	1,922	4,505
Hospital care.....	24,571	11,505	11,280	225	11,245	9,983	1,262	1,821
Physicians' services.....	12,535	4,835	452	4,383	5,970	5,356	614	1,730
Dental care and other.....	4,539	1,286	742	544	2,299	2,253	46	954

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1979.

# NO. 161. PRIVATE HEALTH INSURANCE—PERSONS COVERED FOR SPECIFIED BENEFITS: 1960 TO 1977

[In millions, except percent. As of December 31. For persons covered under Federal Government programs, see tables 561, 563 and 564. Data for other plans from Survey of Independent Health Insurance Plans; see Appendix III. HIAA=Health Insurance Association of America. See *Historical Statistics, Colonial Times to 1970*, series B 401-412, for persons covered]

BENEFIT AND TYPE OF PLAN	1960	1965	1970	1972	1973	1974	1975	1976	1977
<b>Hospital benefits, persons covered:</b>									
Estimate, household survey (net) <sup>1</sup>	<sup>2</sup> 129.8	<sup>3</sup> 145.5	154.1	155.3	(NA)	162.7	162.4	164.2	168.2
Percent of population covered <sup>4</sup>	<sup>2</sup> 70.0	<sup>3</sup> 73.9	75.9	74.9	(NA)	77.3	76.4	76.8	76.0
Estimate by HIAA (net) <sup>5</sup>	122.5	138.7	158.8	164.1	168.5	173.1	178.0	176.6	179.0
Percent of population covered <sup>4</sup>	68.2	71.9	78.2	79.2	80.6	82.2	82.4	81.2	81.6
<b>Blue Cross-Blue Shield plans, gross</b>	57.5	63.7	75.5	78.6	81.3	83.8	85.8	85.5	85.1
Insurance companies, gross <sup>6</sup>	78.6	87.0	107.2	110.5	111.2	114.2	117.3	113.8	117.9
Group policies	54.4	63.0	80.5	81.5	83.6	85.4	87.2	86.8	89.2
Individual policies	22.2	24.0	26.7	29.0	27.5	28.8	30.1	27.0	28.7
Other plans, gross <sup>7</sup>	6.0	7.0	8.1	9.0	9.1	8.6	12.6	14.1	15.6
<b>Surgical benefits, persons covered:</b>									
Estimate, household survey (net) <sup>1</sup>	<sup>2</sup> 120.5	<sup>3</sup> 142.1	150.0	152.7	(NA)	158.9	160.2	162.2	163.9
Percent of population covered <sup>4</sup>	<sup>2</sup> 65.0	<sup>3</sup> 72.2	73.9	73.6	(NA)	75.5	75.4	75.8	75.0
Estimate by HIAA (net) <sup>5</sup>	111.5	130.5	151.4	154.7	162.6	166.4	168.9	167.4	167.2
Percent of population covered <sup>4</sup>	62.0	67.7	74.6	74.6	77.8	79.0	78.2	77.0	76.2
<b>Blue Cross-Blue Shield plans, gross</b>	48.3	56.3	69.1	72.4	75.1	76.9	77.8	77.0	75.4
Insurance companies, gross <sup>6</sup>	71.5	83.2	89.5	101.2	103.1	105.1	106.4	104.4	106.3
Group policies	55.5	65.5	81.5	82.7	84.5	86.6	88.0	88.3	91.9
Individual policies	16.0	17.7	18.0	18.6	18.6	18.5	18.5	16.1	14.4
Other plans, gross <sup>7</sup>	7.3	8.7	10.5	11.5	10.8	11.2	15.4	17.2	18.9
<b>In-hospital medical visits:</b>									
Estimate by HCFA (net) <sup>8</sup>	(NA)	(NA)	145.6	149.7	153.5	146.5	151.6	155.5	156.6
Percent of population covered <sup>4</sup>	(NA)	(NA)	71.7	72.2	73.4	69.6	71.4	72.7	72.6
Estimate by HIAA (net) <sup>5</sup>	83.2	109.6	138.7	140.9	146.3	158.2	161.9	163.1	160.4
Percent of population covered <sup>4</sup>	46.3	56.8	68.3	68.0	70.0	75.1	75.0	75.0	73.1
<b>X-ray and lab. exams (out-of-hospital) (net) <sup>8</sup></b>	(NA)	79.5	142.4	149.4	152.8	152.2	156.7	150.9	150.4
Percent of population covered <sup>4</sup>	(NA)	41.2	70.2	72.1	73.1	72.3	73.8	70.6	69.8
<b>Office and home visits (net) <sup>8</sup></b>	(NA)	(NA)	67.8	67.7	(NA)	126.2	127.7	124.1	121.7
Percent of population covered <sup>4</sup>	(NA)	(NA)	33.4	32.7	(NA)	59.5	60.1	58.0	56.5
<b>Dental care (net) <sup>8</sup></b>	(NA)	3.1	12.0	16.9	20.5	27.9	30.0	41.2	49.7
Percent of population covered <sup>4</sup>	(NA)	1.6	5.9	8.2	9.8	13.3	14.1	19.3	23.1
<b>Prescribed drugs (out-of-hospital) (net) <sup>8</sup></b>	(NA)	53.2	101.0	111.4	125.0	142.2	149.3	150.2	149.9
Percent of population covered <sup>4</sup>	(NA)	27.6	49.7	53.7	59.8	67.5	70.3	70.2	69.5
<b>Private duty nursing (net) <sup>8</sup></b>	(NA)	56.0	100.2	109.0	118.8	140.4	145.9	147.3	146.6
Percent of population covered <sup>4</sup>	(NA)	29.0	49.4	52.6	56.9	66.6	68.7	68.9	68.9
<b>Visiting nurse service (net) <sup>8</sup></b>	(NA)	60.1	106.9	115.9	122.7	135.6	141.6	145.9	151.8
Percent of population covered <sup>4</sup>	(NA)	31.2	52.6	55.9	58.7	64.5	66.6	68.2	70.4
<b>Nursing home care (net) <sup>8</sup></b>	(NA)	9.9	32.4	45.5	69.2	69.6	70.1	70.4	65.9
Percent of population covered <sup>4</sup>	(NA)	5.1	16.0	21.9	33.1	33.0	33.0	32.9	30.6

NA Not available. <sup>1</sup> Surveys by U.S. National Center for Health Statistics. <sup>2</sup> 1962 data. <sup>3</sup> 1967 data.

<sup>4</sup> Based on Bureau of the Census estimated civilian population as of January 1 of following year. <sup>5</sup> Includes duplication which occurs when persons are members of an independent prepaid or self-insured plan with which an insurance company has an administrative service agreement and/or a minimum premium plan. <sup>6</sup> Beginning 1975, includes Puerto Rico and outlying areas. <sup>7</sup> All private plans other than Blue Cross-Blue Shield and insurance companies. <sup>8</sup> Estimates by Health Care Financing Administration (HCFA).

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1979. Data for 1960-1976 published by U.S. Social Security Administration in *Social Security Bulletin*, September 1978, and earlier issues.

## NO. 162. PERSONS COVERED BY PRIVATE HEALTH INSURANCE: 1967 TO 1977

TYPE OF CARE	PERCENT UNDER 65 YEARS						PERCENT 65 YEARS AND OVER					
	1967	1970	1974	1975	1976	1977	1967	1970	1974	1975	1976	1977
Hospital care	77.0	78.6	79.9	78.1	78.5	80.0	45.0	51.4	57.9	62.7	62.8	61.8
Physicians' services:												
Surgical services	75.2	76.9	78.3	77.9	78.3	79.6	44.1	46.7	54.0	55.0	55.6	47.1
In-hospital visits	65.6	75.1	78.7	79.6	76.3	76.3	31.1	41.1	40.1	42.8	43.4	43.2
X-ray and laboratory exams	50.0	73.8	77.0	78.2	75.0	74.4	18.7	37.4	32.0	37.1	34.2	32.6
Office and home visits	(NA)	35.2	63.5	63.9	62.2	60.3	(NA)	17.3	29.2	28.6	24.1	25.3
Dental care	2.6	6.5	14.6	15.5	21.3	25.3	.4	.6	1.6	2.4	2.9	5.0
Prescribed drugs (out-of-hospital)	39.0	53.5	73.4	76.1	76.3	75.8	9.7	15.9	17.3	21.8	20.6	19.2
Private duty nursing	41.5	53.1	72.5	74.3	74.8	75.4	11.7	15.6	16.9	21.7	20.0	16.9
Visiting nurse service	44.6	56.4	69.6	71.8	73.9	76.7	13.0	18.8	20.6	24.1	21.6	19.9
Nursing home care	8.9	15.4	35.0	34.6	34.4	31.8	15.2	24.7	16.2	19.6	20.9	20.4

NA Not available.

Source: U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1979. Data for 1967-1976 published by U.S. Social Security Administration in *Social Security Bulletin*, September 1978, and earlier issues.

## NO. 163. PUBLIC AND PRIVATE HEALTH CARE COVERAGE BY FAMILY INCOME AND AGE: 1976

[Data based on the Survey of Income and Education conducted by the U.S. Bureau of the Census; see Appendix III, section I. Data adjusted by source for underreporting of coverage by public programs]

FAMILY INCOME IN 1975 AND AGE	POPULATION (1,000)			PERCENT DISTRIBUTION				
	Total	Without coverage	With coverage	Without coverage	With coverage			
					Total	Private only	Public only	Public and private
Total .....	211,517	21,526	189,991	10.2	89.8	63.4	12.7	13.6
Under \$5,000 .....	27,985	4,873	23,112	17.4	82.6	18.9	42.7	20.8
\$5,000-\$9,999 .....	42,414	7,021	35,392	16.6	83.5	41.6	20.0	21.8
\$10,000-\$14,999 .....	44,688	4,106	40,582	9.2	90.8	65.2	7.3	18.2
\$15,000 and over .....	96,431	5,525	90,905	5.7	94.3	85.0	3.4	5.7
Under 6 years .....	19,000	2,632	16,368	13.9	86.2	67.6	14.4	4.1
6-18 years .....	50,326	5,937	44,889	11.2	88.8	71.6	11.6	5.4
19-24 years .....	22,985	4,711	18,254	20.5	79.5	67.6	8.1	3.4
25-44 years .....	54,232	5,037	49,196	9.3	90.7	72.0	8.3	10.3
45-64 years .....	43,273	3,290	39,983	7.6	92.4	70.0	8.8	13.5
65 years and over .....	21,721	219	21,502	1.0	99.0	1.5	37.7	59.8

Source: U.S. Congress, Congressional Budget Office, *Profile of Health Care Coverage: The Haves and Have-Not's*. 1979.

## NO. 164. MAJOR MEDICAL EXPENSE INSURANCE—PERSONS COVERED: 1960 TO 1978

[In millions. As of Dec. 31. Coverage provides protection against especially heavy medical bills resulting from "catastrophic" or prolonged illness, and is used to supplement basic medical care insurance or as a comprehensive integrated program providing both basic and major medical protection, including charges for private duty nursing, drugs, and medical appliances]

TYPE OF COVERAGE	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
<b>Total enrollment, gross</b> .....	<b>31.8</b>	<b>74.5</b>	<b>112.3</b>	<b>124.5</b>	<b>136.6</b>	<b>143.6</b>	<b>146.1</b>	<b>146.7</b>	<b>159.8</b>	(NA)
Blue Cross-Blue Shield, gross.....	3.7	14.6	24.9	30.1	37.3	40.9	42.1	41.7	39.4	(NA)
Supplementary.....	3.0	(NA)	21.7	26.9	33.9	37.2	39.2	37.0	(NA)	(NA)
Comprehensive.....	.7	(NA)	3.2	3.2	3.4	3.6	2.9	4.6	(NA)	(NA)
Insurance companies, gross <sup>2</sup> .....	28.1	59.9	87.4	94.4	99.2	102.7	104.0	105.0	108.0	(NA)
<b>Insurance policies, net total <sup>2,3</sup></b> .....	<b>25.4</b>	<b>53.0</b>	<b>77.1</b>	<b>83.7</b>	<b>87.8</b>	<b>91.0</b>	<b>92.2</b>	<b>93.2</b>	<b>96.0</b>	<b>102.5</b>
Group policies, net total.....	24.4	49.7	73.7	79.0	82.7	86.0	87.0	88.5	91.7	98.1
Supplementary.....	18.0	42.5	61.7	64.4	66.2	67.9	67.3	66.8	68.3	(NA)
Comprehensive.....	8.5	13.0	20.2	23.4	25.7	27.6	29.4	31.6	33.6	(NA)
Individual and family policies.....	1.6	4.5	5.4	6.8	7.3	7.2	7.3	6.7	6.1	6.9

NA. Not available. <sup>1</sup>Includes 12.4 million persons covered by independent plans. <sup>2</sup>Beginning 1975, includes Puerto Rico and outlying areas. <sup>3</sup>Source: Health Insurance Institute, Washington, D.C., *Source Book of Health Insurance Data*, annual. Data from Health Insurance Association of America, New York, N.Y.

Source: Except as noted, U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1979. Data for 1960-1976 published by U.S. Social Security Administration in *Social Security Bulletin*, Sept. 1978, and earlier issues.

## NO. 165. EMPLOYED PERSONS IN SELECTED HEALTH OCCUPATIONS: 1972 TO 1979

[Persons 16 years old and over. Annual averages based on data collected by Bureau of the Census as part of Current Population Survey; see Appendix III]

OCCUPATION	1972 (1,000)	1975 (1,000)	1979			OCCUPATION	1972 (1,000)	1975 (1,000)	1979		
			Num- ber (1,000)	Percent—					Num- ber (1,000)	Percent—	
				Fe- male	Black <sup>1</sup>					Fe- male	Black <sup>1</sup>
<b>Total</b> .....	<b>3,511</b>	<b>4,041</b>	<b>4,812</b>	<b>74.5</b>	<b>15.9</b>	Health administrators ....	118	152	185	48.1	7.0
Physicians, dentists, and related <sup>2</sup> .....	624	647	787	11.9	7.9	Health technologists and technicians <sup>2</sup> .....	315	397	534	69.5	11.4
Dentists.....	107	110	131	4.6	4.6	Clinical laboratory ....	142	177	217	71.9	15.7
Pharmacists.....	126	119	135	24.4	9.6	Radiology.....	68	79	104	73.1	7.7
Physicians <sup>3</sup> .....	328	354	431	10.7	8.5	Health service <sup>2</sup> .....	1,505	1,718	1,818	90.4	24.9
Registered nurses.....	801	935	1,223	96.8	11.4	Health aides and trainees <sup>4</sup> .....	148	219	281	87.5	22.4
Therapists.....	115	157	207	72.9	11.6	Nursing aides <sup>5</sup> .....	912	1,001	1,024	87.5	30.6
Dietitians.....	33	35	57	93.0	18.3	Practical nurses.....	342	370	376	97.9	18.6

<sup>1</sup> Comprises all races other than White. <sup>2</sup> Includes other occupations not shown separately.

<sup>3</sup> Medical and osteopathic. <sup>4</sup> Excludes nursing. <sup>5</sup> Includes orderlies and attendants.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, Oct. 1973, Jan. 1976, and Jan. 1980.

## NO. 166. PHYSICIANS, DENTISTS, AND NURSES: 1950 TO 1978

[Physicians and dentists as of end of year; nurses as of Jan. 1 except April 1 for 1950. Prior to 1960, data for nurses exclude Alaska and Hawaii. Data for physicians include Puerto Rico and outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series B 275-290]

ITEM	1950	1955	1960	1965	1970	1975	1976	1977	1978
Physicians, number (1,000).....	233	255	275	305	348	409	426	438	454
Rate per 100,000 population <sup>1</sup> .....	148	150	148	153	166	188	194	199	204
Doctors of medicine <sup>2</sup> (1,000).....	220	242	260	292	334	394	409	421	437
Active (exc. in Federal service) (1,000).....	(NA)	(NA)	(NA)	255	282	338	351	362	381
Rate per 100,000 population <sup>2</sup> .....	(NA)	(NA)	(NA)	130	137	157	161	165	172
Active foreign med. school grad. <sup>3</sup> (1,000).....	(NA)	(NA)	(NA)	(NA)	(NA)	77	81	84	85
Doctors of osteopathy (1,000).....	13	14	14	13	14	<sup>5</sup> 15	<sup>5</sup> 16	<sup>5</sup> 17	17
Physicians admitted to U.S. as immigrants <sup>4</sup> (1,000).....	1.9	1.0	1.6	2.0	3.2	5.4	6.2	7.1	4.4
Medical and osteopathic schools, number.....	85	87	91	93	107	123	123	126	134
Students (1,000).....	26.9	30.5	32.0	34.1	39.7	57.2	59.6	61.9	64.3
Graduates (1,000).....	5.9	7.4	7.5	7.8	8.8	13.4	14.3	14.5	15.4
Newly licensed physicians, total <sup>4</sup> .....	6,002	7,737	8,030	9,147	11,032	16,859	17,724	18,175	19,393
Percent of total active M.D.'s.....	(NA)	(NA)	(NA)	3.3	3.5	4.6	4.7	4.6	4.8
Graduates of—									
U.S. and Canadian medical schools.....	5,694	6,830	6,611	7,619	8,016	10,894	11,288	12,324	14,815
Foreign medical schools.....	308	907	1,419	1,528	3,016	5,965	6,436	5,851	4,578
Percent of total newly licensed.....	5.1	11.7	17.7	16.7	27.3	35.4	36.3	32.2	23.6
Dentists, number <sup>7</sup> (1,000).....	87	95	103	109	116	(NA)	115	118	121
Active (exc. in Federal service) (1,000).....	75	78	85	90	96	107	110	113	115
Rate per 100,000 population <sup>8</sup> .....	50	48	47	47	47	50	52	52	53
Dental schools, number.....	41	43	47	49	53	59	59	59	59
Students (1,000).....	11.5	12.6	13.6	13.9	16.0	20.1	20.8	21.0	21.5
Graduates (1,000).....	2.6	3.1	3.3	3.2	3.7	5.0	5.3	5.2	5.3
Nurses, number (active registered) (1,000).....	375	430	504	613	700	906	961	1,011	1,059
Rate per 100,000 population <sup>1</sup> .....	249	259	282	319	345	427	449	469	487
Nursing schools, number <sup>9</sup> .....	1,203	1,139	1,119	1,153	1,328	1,347	1,349	1,337	1,339
Students (1,000) <sup>9</sup> .....	99	108	115	130	151	243	248	247	245
Graduates (1,000) <sup>9</sup> .....	26	29	30	35	44	74	77	78	78

NA Not available. <sup>1</sup>Based on Bureau of the Census resident population estimates; see source for estimates used.

<sup>2</sup> Excludes non-Federal physicians with temporary foreign addresses; see headnote, table 167. <sup>3</sup> Based on Bureau of the Census civilian population estimates; see source for estimates used. <sup>4</sup> Foreign medical graduates exclude graduates of Canadian schools. Source: American Medical Association, Chicago, Ill., *Physician Distribution and Medical Licensure in The U.S.*, annual. For newly-licensed physicians prior to 1975, *Medical Licensure Statistics*, annual. (Copyright.)

<sup>5</sup> Estimated. <sup>6</sup> Source: U.S. Immigration and Naturalization Service, *Annual Report*. <sup>7</sup> Beginning 1960, excludes graduates of year stated. Beginning 1976, excludes inactive dentists. <sup>8</sup> 1950-1970 include Puerto Rico, 1965 and 1970 include Guam and Virgin Islands.

## NO. 167. PHYSICIANS, BY TYPE OF PRACTICE: 1965 TO 1978

(As of December 31. Includes Puerto Rico and outlying areas. 1965 data for doctors of medicine by type of practice not comparable with later years due to changes in classification. Excludes 4,148 non-Federal physicians with temporary foreign addresses in 1970, 5,277 in 1974, 5,559 in 1975, 5,604 in 1976, 5,790 in 1977 and 5,843 in 1978)

TYPE OF PRACTICE	NUMBER (1,000)							PERCENT DISTRIBUTION				
	1965	1970	1974	1975	1976	1977	1978	1965	1970	1975	1977	1978
All physicians.....	305.1	348.3	394.5	409.0	425.8	437.8	454.3	100	100	100	100	100
Doctors of medicine.....	292.1	334.0	379.7	393.7	409.4	421.3	437.5	96	96	96	96	96
Active M.D.'s.....	277.6	311.2	350.6	366.4	378.6	382.0	401.4	91	89	90	87	88
Non-Federal <sup>1</sup> .....	268.1	301.3	345.6	359.7	373.1	390.4	408.0	88	87	88	89	90
Patient care.....	239.3	255.0	278.5	287.8	294.7	315.7	325.8	78	73	70	72	72
Office based <sup>2</sup> .....	185.3	188.9	203.9	213.3	214.7	231.1	238.9	61	54	52	53	53
General practice <sup>3</sup> .....	65.7	50.8	46.8	46.3	46.0	45.1	45.1	22	12	11	10	10
Specialty, full-time.....	119.6	138.1	157.1	167.0	168.7	186.0	193.8	39	40	41	42	43
Training programs.....	39.6	45.8	54.5	53.5	58.9	58.9	57.2	13	13	13	13	13
Full-time hospital staff.....	14.3	20.3	20.1	21.0	21.1	25.8	29.6	5	6	5	6	7
Other professional activity.....	15.5	26.3	25.1	24.3	26.1	27.9	29.8	5	8	6	6	7
Retired, not in practice.....	13.3	19.6	21.6	21.4	22.1	28.4	26.8	4	6	5	6	6
Federal.....	22.8	29.5	26.6	28.2	27.6	19.9	20.2	8	8	7	5	4
Patient care <sup>4</sup> .....	20.2	23.5	22.7	24.1	23.7	16.6	16.9	7	7	6	4	4
Full-time hospital staff.....	16.3	14.6	16.2	17.7	17.7	12.0	12.6	5	4	4	3	3
Other professional activity.....	2.7	6.0	3.9	4.1	3.9	3.3	3.3	1	2	1	1	1
Not reported.....	1.2	3.2	7.5	5.9	8.8	10.9	9.3	(Z)	1	1	2	2
Doctors of osteopathy <sup>5</sup> .....	13.0	14.3	14.8	15.4	16.4	16.6	16.8	4	4	4	4	4

Z Less than .5 percent. <sup>1</sup> Beginning 1970, includes physicians not classified. <sup>2</sup> 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.

<sup>3</sup> Includes family practice. <sup>4</sup> Includes Federal physicians in office-based practice and training programs. <sup>5</sup> Source, beginning 1970: American Osteopathic Association, Chicago, Ill.

Source of tables 166 and 167: Except as noted, U.S. National Center for Health Statistics, *Health Resources Statistics*, annual; beginning 1976, biennial.

## NO. 168. PHYSICIANS, BY SEX, SPECIALTY, AND MAJOR PROFESSIONAL ACTIVITY: 1970 TO 1978

[In thousands, except percent. As of December 31. Includes Puerto Rico and outlying areas]

SPECIALTY	1970		1975, total	1977, total	1978						
	Total	Per- cent			Total		Patient care			Other profes- sional <sup>2</sup>	
					Num- ber	Per- cent	Total	Of- fice- based	Hospital-based		
									Full- time		Resi- dents <sup>1</sup>
Total .....	<sup>a</sup> 334.0	100.0	<sup>a</sup> 393.7	<sup>a</sup> 421.3	<sup>a</sup> 437.5	100.0	342.7	239.9	42.2	60.6	33.1
Male .....	(NA)	(NA)	358.1	379.8	391.9	89.6	310.8	(NA)	(NA)	(NA)	29.5
Female .....	(NA)	(NA)	35.6	41.5	45.5	10.4	31.9	(NA)	(NA)	(NA)	3.6
General practice .....	57.9	17.3	54.6	55.2	56.2	12.8	54.9	45.4	3.7	5.8	1.3
Medical <sup>4</sup> .....	77.2	23.1	95.1	105.7	109.7	25.1	96.9	64.9	11.4	20.7	12.8
Internal medicine .....	41.9	12.5	54.3	61.8	62.6	14.3	55.5	33.8	6.5	15.2	7.1
Pediatrics .....	17.9	5.4	21.7	24.0	24.5	5.6	22.3	14.9	2.6	4.8	2.3
Surgical <sup>4</sup> .....	86.0	25.8	96.0	101.2	102.4	23.4	98.6	73.6	7.5	17.4	3.6
General surgery .....	29.8	8.9	31.6	32.3	32.1	7.3	30.8	20.4	3.1	7.3	1.3
Obstetrics, gynecology .....	18.9	5.7	21.7	23.4	24.0	5.5	23.0	17.5	1.6	3.9	1.0
Ophthalmology .....	9.9	3.0	11.1	11.6	11.9	2.7	11.5	9.6	.5	1.4	.4
Orthopedic .....	9.6	2.9	11.4	12.3	12.7	2.9	12.3	9.4	.9	2.0	.4
Other <sup>4</sup> .....	89.6	26.8	94.6	101.8	107.5	24.6	92.3	56.0	19.7	16.7	15.1
Anesthesiology .....	10.1	3.0	12.9	13.9	14.2	3.3	13.4	9.8	1.9	1.6	.9
Psychiatry .....	21.1	6.3	23.9	24.9	25.6	5.9	22.8	14.2	5.1	3.5	2.8
Pathology .....	10.3	3.1	11.7	12.4	12.6	2.9	10.5	5.0	3.2	2.3	2.1
Radiology .....	10.5	3.1	11.5	12.1	11.6	2.6	10.8	7.3	2.1	1.4	.8

NA Not available. <sup>1</sup> Includes interns. <sup>2</sup> Medical teaching, administration, research, and other.<sup>3</sup> 1970, includes 19,621 inactive, 358 not classified, 3,204 address unknown; 1975, 21,449 inactive, 26,145 not classified, 5,868 address unknown; 1977, 28,363 inactive, 18,350 not classified, 10,946 address unknown; 1978, 26,831 inactive, 25,553 not classified, and 9,291 address unknown. <sup>4</sup> Includes specialists not shown separately.Source: American Medical Association, Chicago, Ill., *Distribution of Physicians in the U.S., 1970*; and *Physician Distribution and Medical Licensure in the U.S., annual*. (Copyright.)

## NO. 169. PHYSICIANS, 1970 AND 1978, AND DENTISTS, 1978 —STATES

[See headnote, table 166. Excludes doctors of osteopathy, Federal physicians serving at military and diplomatic posts outside of the U.S. and its outlying areas, physicians with addresses unknown, and dentists in Federal service. Rates based on U.S. Bureau of the Census population estimates as of July 1; see source]

STATE	ACTIVE PHYSICIANS				ACTIVE DENTISTS, 1978		STATE OR OTHER AREA	ACTIVE PHYSICIANS				ACTIVE DENTISTS, 1978	
	Total		Rate <sup>1</sup>		Total	Rate <sup>2</sup>		Total		Rate <sup>1</sup>		Total	Rate <sup>2</sup>
	1970	1978	1970	1978				1970	1978	1970	1978		
U.S. ....	305,306	396,445	150	182	115,450	53							
Ala.....	3,201	4,562	93	122	1,285	35	Mont.....	744	1,027	107	131	435	56
Alaska.....	320	558	105	138	209	55	Nebr.....	1,725	2,277	116	145	925	60
Ariz.....	2,610	4,569	146	194	1,151	49	Nev.....	549	911	111	138	332	51
Ark.....	1,817	2,548	94	116	704	32	N.H.....	989	1,418	133	163	460	53
Calif.....	38,590	50,850	193	228	13,762	62	N.J.....	10,303	13,216	143	180	4,697	64
Colo.....	4,142	5,671	186	212	1,633	62	N. Mex.....	1,300	1,855	127	153	491	41
Conn.....	5,686	7,403	187	239	2,196	71	N.Y.....	42,555	45,570	233	257	12,707	72
Del.....	735	951	133	163	257	44	N.C.....	5,761	8,350	113	150	2,059	38
D.C.....	3,935	3,944	521	585	551	83	N. Dak.....	622	835	100	128	296	46
Fla.....	9,494	16,224	139	189	4,245	50	Ohio.....	14,021	16,792	131	156	5,079	47
Ga.....	5,284	7,471	115	147	2,062	41	Okla.....	2,729	3,651	106	127	1,159	41
Hawaii.....	1,149	1,892	148	211	567	67	Oreg.....	2,963	4,327	141	177	1,693	69
Idaho.....	671	973	93	111	483	55	Pa.....	17,721	21,315	150	181	6,305	54
Ill.....	15,486	20,327	139	181	5,932	53	R.I.....	1,528	1,921	161	205	505	54
Ind.....	5,184	6,659	100	124	2,249	42	S.C.....	2,515	3,914	97	134	1,008	35
Iowa.....	2,880	3,524	102	122	1,409	49	S. Dak.....	598	753	90	109	286	42
Kans.....	2,735	3,548	122	151	1,040	45	Tenn.....	4,797	6,736	122	155	2,022	47
Ky.....	3,406	4,641	105	133	1,441	42	Tex.....	14,250	20,570	127	158	5,476	43
La.....	4,586	5,958	126	150	1,546	39	Utah.....	1,484	2,188	139	167	849	65
Maine.....	1,061	1,631	106	149	482	45	Va.....	791	999	177	205	274	56
Md.....	9,127	11,887	232	282	2,379	58	Wash.....	6,200	8,965	133	174	2,400	48
Mass.....	11,885	14,732	208	255	4,000	69	W. Va.....	5,235	7,020	153	186	2,555	69
Mich.....	10,766	13,742	121	149	4,787	52	Wis.....	1,829	2,533	104	136	713	38
Minn.....	5,809	7,437	152	185	2,442	61	Wyo.....	5,271	7,017	114	150	2,673	57
Miss.....	1,965	2,630	89	109	738	31		335	474	100	112	214	51
Mo.....	5,967	7,679	127	158	2,283	47	Puerto Rico.....	2,479	3,577	91	106	(NA)	(NA)
							Outlying areas.....	269	254	83	66	(NA)	(NA)

NA Not available. <sup>1</sup> Per 100,000 resident population. <sup>2</sup> Per 100,000 civilian population.Source: U.S. National Center for Health Statistics, *Health Resources Statistics*, annual (beginning 1976, biennial); and unpublished data.



## NO. 170. PHYSICIAN AND DENTAL VISITS: 1970 TO 1978

[Refers to the civilian noninstitutional population. Based on Health Interview Survey; see Appendix III]

SEX AND AGE OF PATIENT	PHYSICIAN VISITS						DENTAL VISITS					
	1970	1974	1975	1976	1977	1978	1970	1974	1975	1976	1977	1978
<b>Total visits (million)</b> .....	<b>927</b>	<b>1,025</b>	<b>1,056</b>	<b>1,041</b>	<b>1,020</b>	<b>1,017</b>	<b>304</b>	<b>342</b>	<b>341</b>	<b>336</b>	<b>343</b>	<b>342</b>
By males (million).....	396	427	435	435	426	417	133	150	153	147	154	149
By females (million).....	531	598	621	606	594	599	171	192	188	189	189	193
<b>Visits per person</b> .....	<b>4.6</b>	<b>4.9</b>	<b>5.1</b>	<b>4.9</b>	<b>4.8</b>	<b>4.8</b>	<b>1.5</b>	<b>1.7</b>	<b>1.6</b>	<b>1.6</b>	<b>1.6</b>	<b>1.6</b>
By males.....	4.1	4.3	4.3	4.3	4.2	4.0	1.4	1.5	1.5	1.4	1.5	1.4
By females.....	5.1	5.6	5.7	5.6	5.4	5.4	1.7	1.8	1.7	1.7	1.7	1.7
Under 6 years.....	5.9	6.3	6.5	6.3	6.3	6.4	5	5	6	5	5	6
6-16 years.....	2.9	3.2	3.2	3.0	3.1	3.1	1.9	2.1	2.0	1.9	2.0	2.1
17-24 years.....	4.6	4.5	4.8	4.4	4.3	4.3	1.8	1.7	1.8	1.8	1.6	1.5
25-44 years.....	4.6	5.0	5.1	4.9	4.7	4.7	1.7	1.7	1.7	1.7	1.7	1.7
45-64 years.....	5.2	5.5	5.6	5.7	5.4	5.3	1.5	1.8	1.8	1.8	1.8	1.7
65 years and over.....	6.3	6.7	6.6	6.9	6.5	6.3	1.1	1.2	1.2	1.2	1.3	1.2

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

## NO. 171. VISITS TO PHYSICIANS, BY RACE, FAMILY INCOME, AND TYPE OF VISIT: 1978

[Refers to civilian noninstitutional population. Based on Health Interview Survey; see Appendix III]

TYPE OF VISIT	VISITS (million)				PERCENT DISTRIBUTION BY TYPE OF VISIT							
	Total	White	Other races	All families	White families				Families of other races			
					Total	Under \$5,000	\$5,000-\$9,999	\$10,000 or more	Total	Under \$5,000	\$5,000-\$9,999	\$10,000 or more
<b>Total visits <sup>1</sup></b> .....	<b>1,017</b>	<b>882</b>	<b>135</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Physicians' offices.....	683	605	78	67.2	68.6	64.2	66.9	69.9	57.8	50.5	55.2	62.6
Phone consultation <sup>2</sup> .....	128	120	8	12.6	13.7	13.2	12.0	14.3	5.7	3.5	6.3	7.9
Emergency room <sup>3</sup> .....	136	106	39	13.6	12.0	12.5	15.1	11.0	24.1	31.6	24.4	18.8
Other <sup>4</sup> .....	61	46	15	6.0	5.2	9.4	5.6	4.4	11.4	13.8	13.9	8.9

<sup>1</sup> Includes unknown, not shown separately. <sup>2</sup> Includes visits to patients' homes. <sup>3</sup> Includes visits to hospital outpatient department. <sup>4</sup> Represents schools, insurance offices, health department clinics, and other.

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

## NO. 172. UNINCORPORATED AND INCORPORATED PHYSICIANS AND DENTISTS—MEDIAN EARNINGS FROM PRACTICE: 1959 TO 1978

[In thousands of dollars. Based on random sampling of all M.D.'s. 1978 data for physicians are based on 4,448 returned questionnaires (30 percent of all questionnaires mailed in 1979). Of all questionnaires returned 46 percent gave usable responses to the income question. *Unincorporated*: Represents net income from practice after payment of tax-deductible professional expenses but before payment of income taxes. For 1959-1970, data relate to doctors of medicine (M.D.'s) under age 65 in private practice; 1975-1978, to office-based, patient care M.D.'s all ages. *Incorporated*: Comprises office-based, patient care doctors of medicine (M.D.'s) of all ages who are shareholders of a medical corporation. Earnings include salary, bonuses (if any), and funds set aside by corporation for individual's retirement. Data for dentists cover gross income (total collected fees) minus professional expenses. For definition of median, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series D 918-919, for physicians and dentists]

FIELD OF PRACTICE	UNINCORPORATED							INCORPORATED			
	1959	1965	1970	1975	1976	1977	1978	1975	1976	1977	1978
<b>All physicians <sup>1</sup></b> .....	<b>22.1</b>	<b>29.0</b>	<b>41.5</b>	<b>47.5</b>	<b>52.4</b>	<b>52.6</b>	<b>54.7</b>	<b>76.3</b>	<b>75.6</b>	<b>78.3</b>	<b>82.3</b>
General practitioners.....	20.0	25.1	37.4	38.6	43.7	46.0	45.7	59.2	58.7	63.4	71.0
Internists.....	22.3	27.7	41.3	53.7	53.6	59.6	53.7	71.1	66.9	73.5	73.6
General surgeons.....	27.9	32.5	45.0	53.7	61.4	56.7	62.5	83.3	78.4	81.6	88.8
Obstetricians-gynecologists.....	27.9	30.5	47.1	57.5	63.4	57.3	63.7	63.4	69.2	92.9	89.4
Pediatricians.....	20.7	25.2	35.9	43.5	45.9	49.2	49.1	58.6	56.6	62.5	67.1
Psychiatrists.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	47.9	(NA)	(NA)	62.3	(NA)
Family practitioners.....	(NA)	(NA)	(NA)	48.2	50.7	54.8	58.1	61.9	59.4	69.4	66.9
Orthopedic surgeons.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	71.7	<sup>2</sup> 87.5	(NA)	98.8	(NA)
<b>All dentists <sup>3</sup></b> .....	<b><sup>4</sup> 13.4</b>	<b><sup>5</sup> 12.7</b>	<b>28.1</b>	<b><sup>2</sup> 30.2</b>	<b>40.0</b>	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. <sup>1</sup> Includes specialties not shown separately. <sup>2</sup> 1974 data. <sup>3</sup> Source: American Dental Association, Chicago, Ill., *Survey of Dental Practice*, biennial (copyright). <sup>4</sup> Incorporated included in unincorporated. <sup>5</sup> 1958 data. <sup>6</sup> 1964 data.

Source: Except as noted, Medical Economics Company, Oradell, N.J., *Medical Economics*. (Copyright © 1979 by Litton Industries, Inc.)

**NO. 173. AVERAGE NET INCOME OF PHYSICIANS, BY GEOGRAPHIC DIVISION AND AREA OF RESIDENCE, 1970 TO 1977, AND BY SELECTED SPECIALTIES, 1977**

[In thousands of dollars. Represents net income from practice after payment of tax-deductible professional expenses but before payment of income taxes. Relates to non-Federal, office-based, patient-care physicians. Based on periodic sample survey of physicians and subject to sampling variability]

GEOGRAPHIC DIVISION <sup>1</sup> AND AREA OF RESIDENCE	1970, total	1974, total	1975, total	1977						
				All specialties <sup>2</sup>	General practice	Internal medicine	Surgery	Pediatrics	Obstetrics <sup>3</sup>	Psychiatry
<b>United States.....</b>	<b>41.8</b>	<b>52.0</b>	<b>56.4</b>	<b>61.2</b>	<b>51.2</b>	<b>61.5</b>	<b>74.0</b>	<b>48.2</b>	<b>69.9</b>	<b>48.2</b>
New England.....	38.0	46.3	47.2	53.1	33.2	53.3	68.2	45.7	56.1	44.5
Middle Atlantic.....	37.6	47.7	53.2	55.9	39.6	61.7	69.3	45.6	61.7	48.1
East North Central.....	47.0	54.2	59.9	62.7	53.0	62.1	75.5	45.6	74.6	51.1
West North Central.....	41.1	53.6	56.6	61.2	52.9	64.4	73.8	50.6	76.9	45.1
South Atlantic.....	42.6	54.4	58.2	61.8	50.7	60.3	72.6	48.7	70.4	48.0
East South Central.....	42.0	58.4	65.5	68.2	69.8	66.2	76.2	67.5	72.4	51.1
West South Central.....	43.5	57.7	61.4	67.9	54.0	69.3	83.8	44.5	73.2	55.2
Mountain.....	39.4	49.5	54.7	57.5	52.8	53.2	64.8	46.9	93.3	47.4
Pacific.....	44.0	50.9	54.8	63.6	52.1	63.3	79.1	50.4	70.1	46.8
SMSA's <sup>4</sup> with—										
Under 1 mil. inhabitants.....	42.0	54.5	59.5	64.1	53.6	61.7	79.4	50.2	72.5	49.9
1 mil. inhabitants or more.....	42.0	51.5	55.6	60.6	47.4	61.5	72.6	47.6	67.5	48.5
Nonmetropolitan areas.....	40.4	48.8	52.4	57.5	52.8	60.5	65.4	45.9	76.3	39.3

<sup>1</sup> For composition of divisions, see Fig. 1 inside front cover.

<sup>2</sup> Includes other specialties not shown separately.

<sup>3</sup> Includes gynecology. <sup>4</sup> Includes all counties in standard metropolitan statistical areas (SMSA's) and all counties considered potential SMSA's. SMSA's are as designated in 1970 census publications; for definition of SMSA, see Appendix II.

**NO. 174. AVERAGE FEES FOR INITIAL AND FOLLOWUP OFFICE VISITS, BY MEDICAL SPECIALTY: 1971 TO 1978**

[Initial office visit covers new patients. Followup office visit covers established patients previously seen by the physician. Based on sample survey of physicians and subject to sampling variability]

MEDICAL SPECIALTY	INITIAL OFFICE VISIT					FOLLOWUP OFFICE VISIT				
	1971	1974	1975	1976	1978	1971	1974	1975	1976	1978
<b>All specialties <sup>1</sup>.....</b>	<b>\$16.00</b>	<b>\$19.55</b>	<b>\$21.16</b>	<b>\$24.90</b>	<b>(NA)</b>	<b>(NA)</b>	<b>\$12.45</b>	<b>\$13.08</b>	<b>\$15.36</b>	<b>(NA)</b>
Annual percent change <sup>2</sup> .....	<sup>3</sup> 16.3	6.9	8.2	17.7	(NA)	(NA)	<sup>3</sup> 11.1	5.1	17.4	(NA)
General practice.....	9.65	12.03	13.11	14.80	\$16.55	\$6.93	8.75	9.29	10.65	\$12.15
Internal medicine.....	20.38	23.11	26.11	31.27	32.53	9.96	12.28	13.56	15.52	16.83
Surgery.....	16.43	18.87	20.81	23.29	26.52	9.16	11.27	12.22	13.94	15.91
Pediatrics.....	11.18	14.49	16.18	17.45	19.03	7.89	10.38	11.07	12.52	13.72
Obstetrics-gynecology.....	17.59	22.07	23.57	27.41	29.85	9.52	13.10	13.73	15.40	18.23

NA Not available. <sup>1</sup> Includes specialties not shown separately. <sup>2</sup> Average change from prior year shown, except as noted. See Guide to Tabular Presentation. <sup>3</sup> Change from 1969.

Source of tables 173 and 174: American Medical Association, Chicago, Ill., *Reference Data on Profile of Medical Practice*, annual. (Copyright.)

**NO. 175. MEDICAL MALPRACTICE INSURANCE PREMIUMS, BY SPECIALTY: 1974 TO 1978**

[Covers office-based, fee-for-service doctors of medicine (M.D.'s). Based on random sampling of all M.D.'s in this category. Data for 1974 are not comparable with later data because of change in survey methodology. For definition of median, see Guide to Tabular Presentation]

ITEM	MEDIAN PREMIUM (dol.)					PERCENT OF M.D.'S WITH NO COVERAGE			
	1974	1975	1976 <sup>1</sup>	1977 <sup>1</sup>	1978 <sup>1</sup>	1975	1976	1977	1978
<b>All specialties <sup>2</sup>.....</b>	<b>1,300</b>	<b>1,900</b>	<b>3,430</b>	<b>3,380</b>	<b>3,190</b>	<b>2</b>	<b>3</b>	<b>8</b>	<b>6</b>
General practitioners.....	1,000	1,300	2,090	2,050	2,240	6	7	7	7
Family practitioners.....	1,000	1,200	2,240	2,160	2,230	1	4	6	4
Internists.....	700	800	1,660	2,220	2,090	(2)	2	5	4
General surgeons.....	2,600	4,000	6,630	7,110	6,770	1	3	9	6
Obstetricians <sup>3</sup> .....	3,300	4,900	8,510	8,500	8,050	1	3	11	10
Pediatricians.....	600	800	1,650	1,750	1,860	1	2	5	4

Z Less than 1 percent. <sup>1</sup> Covers only M.D.'s with expenditures for malpractice insurance.

<sup>2</sup> Includes specialties not shown separately. <sup>3</sup> Includes gynecologists.

Source: Medical Economics Company, Oradell, N.J., *Medical Economics*, (Copyright © 1979 by Litton Industries, Inc.)

## NO. 176. INPATIENT HEALTH FACILITIES: 1968 TO 1978

(Based on Master Facility Inventory; see Appendix III)

YEAR AND TYPE OF FACILITY	Total	FACILITIES UNDER—			FACILITIES WITH—			Resi- dents <sup>1</sup> (1,000)	Full- time em- ployees (1,000)
		Govt. con- trol	Profit control	Non- profit control	6-24 beds	25-74 beds	75 or more beds		
1968: All facilities .....	26,176	4,147	15,313	6,716	8,582	10,294	7,300	2,034	2,450
Nursing homes .....	18,185	1,376	14,048	2,761	7,779	7,383	3,023	783	(NA)
Hospitals .....	7,991	2,771	1,265	3,955	803	2,911	4,277	1,250	(NA)
1971: All facilities .....	29,682	4,178	18,091	7,413	8,902	10,959	9,821	2,262	3,007
Nursing homes .....	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
1973: All facilities .....	29,272	4,063	17,712	7,497	7,876	10,616	10,780	2,318	3,196
Nursing homes .....	21,884	1,319	16,712	3,803	7,383	8,081	6,370	1,198	636
Hospitals .....	7,488	2,744	1,000	3,684	493	2,535	4,410	2,120	2,560
1976: All facilities .....	27,739	4,055	16,339	7,345	6,111	9,868	11,760	2,343	3,498
Nursing homes <sup>2</sup> .....	20,468	1,402	15,343	3,723	5,675	7,531	7,262	1,293	653
Hospitals .....	7,271	2,653	996	3,622	436	2,337	4,498	1,050	2,845
1977: All hospitals <sup>4</sup> .....	7,234	2,641	975	3,618	415	2,314	4,505	1,033	2,924
General .....	6,322	2,212	775	3,335	360	2,053	3,909	792	2,556
Psychiatric .....	512	297	122	93	17	122	373	189	261
Chronic .....	59	40	3	16	-	9	50	18	24
Tuberculosis .....	19	17	-	2	-	2	17	2	4
1978: All hospitals <sup>4</sup> .....	7,159	2,607	958	3,594	396	2,258	4,495	1,017	2,974
General .....	6,270	2,192	758	3,320	346	2,013	3,911	791	2,611
Psychiatric .....	500	286	124	90	15	121	364	176	256
Chronic .....	59	40	3	16	-	9	50	18	24
Tuberculosis .....	15	13	-	2	-	1	14	2	4

<sup>2</sup> Represents zero. NA Not available. <sup>3</sup> Number of residents as of date of interview, except as noted.<sup>4</sup> Average daily patients. <sup>5</sup> See footnote 2, table 186. <sup>6</sup> Includes types not shown below.Source: U.S. National Center for Health Statistics, *Health Resources Statistics*, annual; beginning 1976, biennial.

## NO. 177. AVERAGE DAILY HOSPITAL ROOM CHARGES, 1976 TO 1979, AND AVERAGE COST TO COMMUNITY HOSPITALS PER PATIENT, 1975 AND 1978—STATES

[In dollars. Average daily room charges cover nongovernmental short-term general hospitals and represent average cost to patient for a semiprivate room. Average cost per day and average cost per stay cover non-Federal short-term general or special hospitals (excluding psychiatric or tuberculosis) and represent average cost to community hospitals per patient. Cost per patient based on total hospital expenses (payroll, employee benefits, professional fees, supplies, etc.)]

STATE	AVERAGE DAILY ROOM CHARGE			AVERAGE COST PER DAY <sup>3</sup>		AVERAGE COST PER STAY <sup>3</sup>		STATE	AVERAGE DAILY ROOM CHARGE			AVERAGE COST PER DAY <sup>3</sup>		AVERAGE COST PER STAY <sup>3</sup>	
	1976 <sup>1</sup>	1978 <sup>2</sup>	1979 <sup>2</sup>	1975	1978	1975	1978		1976 <sup>1</sup>	1978 <sup>2</sup>	1979 <sup>2</sup>	1975	1978	1975	1978
U.S. ....	4 <sup>4</sup> 83	4 <sup>4</sup> 105	4 <sup>4</sup> 115	151	222	1,164	1,688	Mo. ....	71	84	93	129	193	1,059	1,597
Ala. ....	62	79	83	114	176	831	1,246	Mont. ....	75	89	98	111	148	711	1,164
Alaska ..	121	159	179	225	427	1,128	2,353	Nebr. ....	68	82	88	117	166	945	1,368
Ariz. ....	71	89	98	175	251	1,296	1,783	Nev. ....	88	107	125	182	289	1,186	1,837
Ark. ....	56	68	77	102	154	664	981	N.H. ....	81	102	107	130	196	919	1,375
Calif. ....	109	132	143	217	334	1,435	2,191	N.J. ....	92	120	134	142	195	1,239	1,718
Colo. ....	79	97	110	149	231	983	1,547	N. Mex. ....	76	92	103	142	242	839	1,402
Conn. ....	93	112	116	189	271	1,415	2,030	N.Y. ....	105	141	145	189	247	1,875	2,398
Del. ....	(NA)	91	117	163	225	1,350	1,895	N.C. ....	53	70	77	115	172	872	1,286
D.C. ....	(NA)	124	135	208	321	1,640	2,658	N. Dak. ....	66	81	85	98	159	818	1,318
Fla. ....	77	91	100	151	216	1,118	1,601	Ohio ....	89	114	126	139	212	1,140	1,707
Ga. ....	63	80	85	139	199	889	1,283	Okl. ....	63	80	90	129	204	862	1,333
Hawaii ..	82	104	114	152	236	1,049	1,728	Oreg. ....	89	108	124	159	262	1,000	1,576
Idaho ....	73	88	97	121	190	765	1,162	Pa. ....	88	107	121	143	216	1,214	1,806
Ill. ....	89	123	129	160	239	1,281	1,902	R.I. ....	102	120	128	188	257	1,506	2,048
Ind. ....	75	88	94	127	196	1,004	1,514	S.C. ....	53	65	71	114	167	831	1,179
Iowa ....	72	86	94	110	171	856	1,278	S. Dak. ....	58	73	82	98	160	690	1,047
Kans. ....	64	82	93	113	177	881	1,369	Tenn. ....	63	74	84	114	173	854	1,242
Ky. ....	64	77	81	110	162	779	1,133	Tex. ....	63	78	83	129	197	876	1,299
La. ....	58	73	80	137	201	889	1,294	Utah ....	71	95	103	148	243	830	1,259
Maine ....	79	103	112	137	202	1,018	1,563	Vt. ....	82	102	106	131	176	1,023	1,460
Md. ....	88	100	113	181	243	1,502	2,031	Va. ....	68	84	92	122	188	979	1,500
Mass. ....	102	125	136	205	290	1,745	2,504	Wash. ....	90	104	113	172	255	961	1,436
Mich. ....	97	130	140	166	250	1,362	1,977	W. Va. ....	86	86	97	109	170	832	1,243
Minn. ....	71	86	93	122	178	1,073	1,595	Wis. ....	72	86	94	128	201	1,047	1,614
Miss. ....	44	57	60	102	151	705	1,037	Wyo. ....	65	80	90	117	201	643	1,041

NA Not available. <sup>1</sup> As of July. <sup>2</sup> As of January. <sup>3</sup> Source: American Hospital Association, Chicago, Ill., *Hospital Statistics*, annual. (Copyright.) <sup>4</sup> Includes Puerto Rico.Source: Except as noted, Health Insurance Institute, Washington, D.C., *Source Book of Health Insurance Data*, annual. Data from Health Insurance Association of America, New York, N.Y.

## NO. 178. HOSPITALS—TYPE OF SERVICE AND CONTROL: 1960 TO 1978

[Covers hospitals accepted for registration by American Hospital Association; see text, pp. 101 and 102. 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. See also *Historical Statistics, Colonial Times to 1970*, series B 305-318 and B 331-344]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
<b>Hospitals.....</b>	<b>6,876</b>	<b>7,123</b>	<b>7,123</b>	<b>7,061</b>	<b>7,123</b>	<b>7,174</b>	<b>7,156</b>	<b>7,082</b>	<b>7,099</b>	<b>7,015</b>
With 100 beds or more.....	2,903	3,153	3,488	3,509	3,566	3,665	3,691	3,723	3,757	3,750
<b>Beds (1,000).....</b>	<b>1,658</b>	<b>1,704</b>	<b>1,616</b>	<b>1,550</b>	<b>1,535</b>	<b>1,513</b>	<b>1,466</b>	<b>1,434</b>	<b>1,407</b>	<b>1,381</b>
Rate per 1,000 population <sup>1</sup> .....	9.3	8.9	8.0	7.4	7.3	7.2	6.9	6.7	6.5	6.3
Beds per hospital.....	241	239	227	220	215	211	205	202	198	196
Occupancy rate <sup>2</sup> .....	84.6	82.3	80.3	78.0	77.5	77.2	76.7	76.0	75.8	75.5
<b>CONTROL AND TYPE OF SERVICE</b>										
<b>Non-Federal hospitals.....</b>	<b>6,441</b>	<b>6,680</b>	<b>6,715</b>	<b>6,660</b>	<b>6,726</b>	<b>6,787</b>	<b>6,774</b>	<b>6,702</b>	<b>6,722</b>	<b>6,645</b>
Beds (1,000).....	1,481	1,530	1,455	1,407	1,392	1,377	1,334	1,305	1,284	1,259
Short-term general and special.....	5,407	5,736	5,859	5,843	5,891	5,977	5,979	5,956	5,973	5,935
Beds (1,000).....	639	741	848	884	903	931	947	961	974	980
Rate per 1,000 population <sup>1</sup> .....	3.6	3.9	4.2	4.2	4.3	4.4	4.4	4.5	4.5	4.5
Occupancy rate <sup>2</sup> .....	74.7	76.0	78.0	75.2	76.4	75.3	74.8	74.4	73.6	73.5
Long-term general and special.....	308	283	236	216	229	221	215	197	189	169
Beds (1,000).....	67	66	60	54	57	54	51	49	45	41
Occupancy rate <sup>2</sup> .....	86.9	85.3	82.0	83.0	82.1	82.5	82.1	82.7	84.3	84.0
Psychiatric.....	488	483	519	529	543	543	544	528	541	526
Beds (1,000).....	722	685	527	457	422	383	330	291	261	235
Occupancy rate <sup>2</sup> .....	93.1	88.6	84.8	82.8	81.1	80.0	80.3	79.1	80.7	80.9
Tuberculosis.....	238	178	101	72	63	46	36	21	19	15
Beds (1,000).....	52	37	20	13	10	8	6	4	3	3
Occupancy rate <sup>2</sup> .....	75.4	70.0	61.8	61.2	61.9	63.2	57.7	57.8	60.4	59.9
<b>Federal hospitals, all types.....</b>	<b>435</b>	<b>443</b>	<b>408</b>	<b>401</b>	<b>397</b>	<b>387</b>	<b>382</b>	<b>380</b>	<b>377</b>	<b>370</b>
Beds (1,000).....	177	174	161	143	142	136	132	129	124	122
Occupancy rate <sup>2</sup> .....	87.2	86.1	79.6	80.0	79.0	80.7	80.7	79.3	79.6	78.4
<b>NON-FEDERAL OWNERSHIP OR CONTROL</b>										
<b>State hospitals.....</b>	<b>556</b>	<b>546</b>	<b>577</b>	<b>570</b>	<b>568</b>	<b>558</b>	<b>551</b>	<b>519</b>	<b>512</b>	<b>483</b>
Beds (1,000).....	752	708	558	482	449	409	358	317	286	259
Occupancy rate <sup>2</sup> .....	91.8	87.5	83.3	81.6	80.0	79.2	79.2	78.2	79.7	79.4
<b>Local government hospitals.....</b>	<b>1,324</b>	<b>1,495</b>	<b>1,680</b>	<b>1,730</b>	<b>1,757</b>	<b>1,753</b>	<b>1,755</b>	<b>1,747</b>	<b>1,760</b>	<b>1,749</b>
Beds (1,000).....	201	216	219	219	218	215	211	208	205	203
Occupancy rate <sup>2</sup> .....	77.1	76.3	75.6	73.0	72.8	72.0	71.5	70.9	70.0	70.0
<b>Nongovernmental nonprofit hospitals.....</b>	<b>3,579</b>	<b>3,670</b>	<b>3,600</b>	<b>3,515</b>	<b>3,518</b>	<b>3,576</b>	<b>3,562</b>	<b>3,551</b>	<b>3,551</b>	<b>3,532</b>
Beds (1,000).....	482	552	619	641	652	673	681	692	701	704
Occupancy rate <sup>2</sup> .....	77.3	78.2	80.2	77.6	78.0	78.0	77.6	77.3	76.5	76.5
<b>For-profit hospitals.....</b>	<b>982</b>	<b>969</b>	<b>858</b>	<b>845</b>	<b>883</b>	<b>900</b>	<b>906</b>	<b>885</b>	<b>899</b>	<b>881</b>
Beds (1,000).....	46	54	59	65	73	80	84	87	91	92
Occupancy rate <sup>2</sup> .....	67.6	69.1	72.4	68.9	68.6	68.2	66.6	65.5	65.5	64.8

<sup>1</sup> Based on Bureau of the Census estimated resident population as of July 1.

<sup>2</sup> Ratio of average daily census to every 100 beds.

## NO. 179. HOSPITAL EXPENSE PER PATIENT DAY: 1960 TO 1978

[In dollars, except percent. For definitions, see headnote, table 178. See also *Historical Statistics, Colonial Times to 1970*, series B 389-400]

EXPENSE BY HOSPITAL TYPE	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
<b>Total expense.....</b>	<b>16</b>	<b>25</b>	<b>54</b>	<b>74</b>	<b>84</b>	<b>97</b>	<b>119</b>	<b>141</b>	<b>163</b>	<b>187</b>
Annual percent change <sup>1</sup> .....	7.9	9.0	16.4	17.0	13.2	16.2	22.1	18.4	16.4	15.6
<b>Non-Federal:</b>										
Short-term, general and special.....	32	44	81	105	115	128	151	174	198	222
Long-term, general and special.....	13	20	36	44	47	53	63	71	77	83
Psychiatric.....	5	8	17	23	27	33	41	50	58	68
Tuberculosis.....	13	17	34	42	48	54	76	84	96	112
<b>Federal.....</b>	<b>20</b>	<b>29</b>	<b>53</b>	<b>75</b>	<b>86</b>	<b>99</b>	<b>117</b>	<b>142</b>	<b>172</b>	<b>193</b>
<b>Payroll expense.....</b>	<b>11</b>	<b>17</b>	<b>33</b>	<b>44</b>	<b>49</b>	<b>56</b>	<b>66</b>	<b>76</b>	<b>87</b>	<b>98</b>
Percent of total.....	66.3	66.0	61.5	59.8	58.8	57.5	55.7	54.3	53.4	52.4
<b>Non-Federal:</b>										
Short-term, general and special.....	20	27	47	60	64	70	80	90	100	110
Long-term, general and special.....	9	14	24	30	32	35	40	44	48	52
Psychiatric.....	3	6	12	17	20	24	29	34	39	46
Tuberculosis.....	9	12	24	29	33	37	48	54	60	70
<b>Federal.....</b>	<b>16</b>	<b>23</b>	<b>37</b>	<b>51</b>	<b>58</b>	<b>66</b>	<b>75</b>	<b>91</b>	<b>110</b>	<b>122</b>

<sup>1</sup> For explanation of annual percent change, see Guide to Tabular Presentation. Average change from prior year shown; for 1960, change from 1955.

Source of tables 178 and 179: American Hospital Association, Chicago, Ill., *Hospitals*, Guide Issue, annual; beginning 1972, *Hospital Statistics*, annual. (Copyright.)

# NO. 180. HOSPITALS—ASSETS, 1960 TO 1977; EXPENSES AND PERSONNEL, 1960 TO 1978; BY TYPE OF CONTROL AND SERVICE

[See headnote, table 178. See also *Historical Statistics, Colonial Times to 1970*, series B 413-422]

ITEM AND YEAR	All hospitals	Federal hospitals	NON-FEDERAL HOSPITALS							
			Total	Psy- chiatric	Tubercu- losis	Long- term <sup>1</sup>	Short-term <sup>1</sup>			
							Total	Non- profit <sup>2</sup>	For profit	Govt. <sup>3</sup>
<b>Assets (mil. dol.):</b>										
1960 .....	17,714	2,124	15,590	3,437	508	787	10,858	8,422	243	2,193
1965 .....	24,502	2,552	21,950	4,167	421	998	16,364	12,476	414	3,474
1970 .....	36,159	3,183	32,976	4,816	311	1,176	26,674	20,502	871	5,301
1972 .....	43,157	3,255	39,902	4,927	253	1,093	33,629	25,686	1,365	6,577
1973 .....	47,369	3,401	43,967	4,846	225	1,259	37,637	28,643	1,725	7,269
1974 .....	51,706	3,528	48,178	4,776	166	1,396	41,840	31,482	2,288	8,070
1975 .....	57,302	3,707	53,595	4,804	132	1,403	47,256	35,827	2,538	8,890
1976 .....	64,029	4,135	59,894	4,761	91	1,351	53,691	40,857	3,031	9,802
1977 .....	72,219	4,796	67,423	4,796	88	1,406	61,133	46,686	3,494	10,953
<b>Expenses <sup>4</sup> (mil. dol.):</b>										
1960 .....	8,421	1,134	7,287	1,205	192	273	5,617	4,139	275	1,203
1965 .....	12,948	1,568	11,380	1,662	165	406	9,147	6,643	510	1,994
1970 .....	25,556	2,483	23,073	2,712	152	649	19,560	14,163	1,068	4,328
1973 .....	36,290	3,524	32,766	3,351	114	805	28,496	20,418	1,689	6,389
1974 .....	41,406	3,971	37,434	3,708	102	873	32,751	23,494	2,046	7,211
1975 .....	48,706	4,540	44,166	3,997	93	966	39,110	27,965	2,561	8,584
1976 .....	56,005	5,313	50,692	4,175	64	1,051	45,402	32,796	3,085	9,520
1977 .....	63,630	6,163	57,467	4,494	70	1,071	51,832	37,523	3,669	10,640
1978 .....	70,927	6,732	64,196	4,723	68	1,056	58,348	42,262	4,180	11,906
<b>Personnel <sup>5</sup> (1,000):</b>										
1960 .....	1,598	186	1,412	238	39	55	1,080	792	48	241
1965 .....	1,952	199	1,754	274	29	65	1,386	1,011	70	306
1970 .....	2,537	216	2,321	305	18	69	1,929	1,387	97	444
1973 .....	2,769	238	2,530	303	11	67	2,149	1,535	117	497
1974 .....	2,919	244	2,675	308	9	69	2,289	1,634	133	522
1975 .....	3,023	256	2,766	292	7	68	2,399	1,714	139	546
1976 .....	3,108	269	2,839	285	5	66	2,483	1,793	147	543
1977 .....	3,213	278	2,935	287	5	63	2,581	1,863	159	559
1978 .....	3,280	277	3,002	278	4	58	2,662	1,927	165	571
<b>Personnel per 100 patients: <sup>6</sup></b>										
1960 .....	114	120	113	35	99	95	226	232	196	215
1965 .....	139	133	140	45	111	115	246	252	218	234
1970 .....	196	169	198	68	146	140	292	292	256	298
1973 .....	233	212	235	88	168	145	315	314	272	333
1974 .....	250	223	253	100	184	154	326	323	283	351
1975 .....	269	240	272	110	216	162	339	336	288	365
1976 .....	285	263	287	124	225	163	347	346	297	367
1977 .....	301	282	303	136	227	167	360	359	307	382
1978 .....	315	290	317	147	246	168	370	370	319	387

<sup>1</sup> Comprises both general and special hospitals. <sup>2</sup> Nongovernment. <sup>3</sup> State and local.

<sup>4</sup> Excludes new construction. <sup>5</sup> Includes full-time equivalents of part-time personnel.

Source: American Hospital Association, Chicago, Ill., *Hospital Statistics*, annual. (Copyright.)

## NO. 181. HOSPITAL USE RATES, BY TYPE OF HOSPITAL: 1960 TO 1978

[See also *Historical Statistics, Colonial Times to 1970*, series B 384-387]

TYPE OF HOSPITAL	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
<b>Non-Federal short-term:<sup>1</sup></b>										
Admissions per 1,000 population <sup>2</sup> .....	128	137	140	149	153	157	156	160	160	160
Admissions per bed.....	36	36	34	35	35	35	35	35	35	35
Average length of stay <sup>3</sup> (days).....	7.4	7.7	8.2	8.0	7.8	7.8	7.7	7.7	7.6	7.6
Outpatient visits per admission.....	(NA)	(NA)	4.5	5.4	5.6	5.9	5.9	6.1	5.9	6.0
Outpatient visits per 1,000 pop. <sup>2</sup> .....	(NA)	(NA)	641	809	860	929	929	975	951	953
Surgical operations (million).....	(NA)	(NA)	(NA)	14.8	15.4	16.2	16.7	16.9	17.2	17.2
Number per admission.....	(NA)	(NA)	(NA)	.5	.5	.5	.5	.5	.5	.5
<b>Psychiatric:</b>										
Admissions per 1,000 population <sup>2</sup> .....	2.3	2.9	3.3	3.2	3.1	3.2	3.2	3.1	3.0	2.7
Days in hospital per 1,000 population <sup>2</sup> .....	1,491	1,261	862	714	641	574	495	429	390	320
<b>Tuberculosis:<sup>4</sup></b>										
Admissions per 10,000 population <sup>2</sup> .....	3.8	2.7	1.8	1.4	1.2	1.0	.7	.5	.6	.5
Days in hospital per 10,000 population <sup>2</sup> .....	796	491	225	138	112	88	56	34	34	28

NA. Not available.

<sup>1</sup> General and special; excludes psychiatric and tuberculosis. Short-term hospitals have an average patient stay of less than 30 days. <sup>2</sup> Based on Bureau of the Census estimated resident population as of July 1. <sup>3</sup> Number of inpatient days divided by number of admissions. <sup>4</sup> Excludes short-term.

Source: American Hospital Association, Chicago, Ill., *Hospital Statistics*, annual (copyright), and unpublished data.

## NO. 182. HOSPITAL FACILITIES—TOTAL, 1960 TO 1978, AND STATES AND PUERTO RICO, 1978

[Short-term hospitals have an average stay of less than 30 days. See also *Historical Statistics, Colonial Times to 1970*, series B 305-308 and B 359-362]

YEAR AND STATE OR OTHER AREA	HOSPITALS		BEDS (1,000)		PATIENTS ADMITTED (mil.)		AVERAGE DAILY CENSUS <sup>2</sup> (1,000)		OCCUPANCY RATE <sup>3</sup>		Personnel <sup>4</sup> (1,000)	Total outpatient visits (mil.)
	Total	Short-term <sup>1</sup>	Total	Short-term <sup>1</sup>	Total	Short-term <sup>1</sup>	Total	Short-term <sup>1</sup>	Total	Short-term <sup>1</sup>		
1960.....	6,876	5,407	1,658.0	639.1	25.0	23.0	1,401.9	477.4	84.6	74.7	1,598	(NA)
1965.....	7,123	5,736	1,703.5	741.3	28.8	26.5	1,402.6	563.4	82.3	76.0	1,952	125.8
1968.....	7,137	5,820	1,663.2	805.9	29.8	27.3	1,378.4	630.4	82.9	78.2	2,309	156.1
1969.....	7,144	5,853	1,649.7	825.8	30.7	28.3	1,346.3	650.8	81.6	78.8	2,426	183.2
1970.....	7,123	5,859	1,615.8	848.2	31.8	29.3	1,297.7	661.5	80.3	78.0	2,537	181.4
1971.....	7,097	5,865	1,555.6	866.5	32.7	30.1	1,236.8	664.8	79.5	76.7	2,589	199.7
1972.....	7,061	5,843	1,549.7	883.7	33.3	30.8	1,208.9	664.1	78.0	75.2	2,671	219.2
1973.....	7,123	5,891	1,534.7	903.3	34.4	31.8	1,189.0	681.5	77.5	75.4	2,769	233.6
1974.....	7,174	5,977	1,512.7	931.2	35.5	32.9	1,167.4	701.3	77.2	75.3	2,919	250.5
1975.....	7,156	5,979	1,465.8	947.0	36.2	33.5	1,124.9	708.1	76.7	74.8	3,023	254.8
1976.....	7,082	5,956	1,433.5	961.2	36.8	34.1	1,089.7	714.8	76.0	74.4	3,108	271.0
1977.....	7,099	5,973	1,407.1	973.9	37.1	34.4	1,065.9	716.7	75.8	73.6	3,213	263.6
1978, U.S.....	7,015	5,935	1,380.6	979.7	37.2	34.6	1,041.9	719.9	75.5	73.5	3,280	263.6
Ala.....	148	133	25.2	18.7	.8	.7	19.1	13.6	75.7	72.9	56	3.3
Alaska.....	26	16	1.7	.9	.1	(2)	1.0	.6	61.7	60.6	5	.8
Ariz.....	78	58	11.3	8.7	.4	.3	8.3	6.3	73.1	72.3	32	3.8
Ark.....	96	91	12.7	10.3	.4	.4	9.0	7.1	71.3	69.6	28	1.7
Calif.....	613	526	114.8	83.2	3.3	3.0	79.4	54.9	69.1	65.9	303	30.2
Colo.....	101	86	14.7	11.2	.5	.4	10.4	7.6	70.7	68.0	40	4.2
Conn.....	64	40	18.8	11.0	.5	.4	14.8	8.5	77.6	77.6	47	3.9
Del.....	15	8	4.1	2.1	.1	.1	3.4	1.7	83.8	81.0	10	.8
D.C.....	19	13	9.0	4.8	.2	.2	7.6	3.7	84.6	79.3	29	2.3
Fla.....	245	211	54.2	42.6	1.6	1.5	39.9	30.1	73.6	70.7	127	8.3
Ga.....	189	163	31.1	22.5	1.0	.9	21.9	15.1	70.4	67.2	75	6.0
Hawaii.....	27	20	3.8	2.6	.1	.1	2.9	1.9	76.7	74.1	11	1.8
Idaho.....	51	47	3.7	3.3	.1	.1	2.5	2.1	65.6	64.9	9	.9
Ill.....	285	245	75.5	56.0	2.0	1.9	58.0	41.9	78.8	74.9	190	13.5
Ind.....	135	116	33.8	24.0	.9	.9	25.8	18.1	76.2	75.2	75	5.9
Iowa.....	141	131	21.6	16.8	.6	.6	15.1	11.3	70.0	67.2	44	2.5
Kans.....	164	147	18.1	13.3	.5	.4	13.0	9.1	71.5	68.6	39	3.2
Ky.....	121	108	18.8	14.8	.6	.6	14.3	11.3	75.8	76.5	43	3.5
La.....	159	140	25.1	18.2	.8	.7	17.2	12.5	68.6	68.8	56	5.2
Maine.....	53	49	7.3	5.1	.2	.2	5.3	3.7	73.0	71.6	18	1.6
Md.....	85	53	26.2	14.0	.6	.5	20.3	11.5	80.4	81.9	62	5.6
Mass.....	189	124	45.5	28.2	.9	.9	36.1	20.5	79.4	78.5	121	9.5
Mich.....	244	210	50.7	40.2	1.5	1.4	39.5	30.7	77.9	76.3	136	10.6
Minn.....	188	173	31.1	24.1	.7	.7	22.3	16.9	71.7	70.0	61	3.1
Miss.....	114	104	16.2	11.6	.5	.4	12.1	8.4	74.6	72.2	33	2.1
Mo.....	167	149	35.4	27.4	1.0	.9	26.3	20.3	74.2	74.1	84	6.2
Mont.....	65	57	5.7	4.4	.1	.1	3.6	2.8	83.9	84.2	10	.9
Nebr.....	108	97	11.7	9.5	.3	.3	7.9	6.3	67.6	66.8	24	1.5
Nev.....	25	19	3.2	2.7	.1	.1	2.1	1.8	64.8	66.6	8	.7
N.H.....	33	29	5.0	3.5	.1	.1	3.6	2.5	71.8	71.4	12	1.3
N.J.....	139	108	44.2	30.4	1.1	1.0	35.4	24.8	80.1	81.5	98	7.3
N. Mex.....	54	37	6.5	3.8	.2	.2	4.4	2.5	68.0	65.9	16	1.9
N.Y.....	368	290	134.4	82.0	2.7	2.6	114.4	68.9	85.1	84.0	324	26.6
N.C.....	158	129	33.8	22.6	.9	.8	25.8	17.2	76.4	76.1	75	6.1
N. Dak.....	60	54	5.8	4.6	.1	.1	4.0	3.0	68.9	66.0	11	.6
Ohio.....	241	209	64.2	50.3	1.8	1.8	50.7	39.3	79.0	78.1	161	11.1
Okla.....	141	121	17.5	12.6	.5	.5	11.9	8.3	68.3	65.8	39	3.0
Oreg.....	85	78	11.6	8.7	.4	.3	7.6	5.8	65.8	66.8	28	2.1
Pa.....	313	249	86.5	55.9	2.0	1.9	68.9	43.7	79.6	78.1	196	18.3
R.I.....	21	14	6.7	3.4	.1	.1	5.5	2.8	82.4	82.3	17	1.2
S.C.....	88	74	16.9	11.0	.5	.4	12.9	8.2	76.2	74.5	36	3.4
S. Dak.....	70	57	5.7	3.7	.1	.1	3.8	2.2	66.1	60.7	11	.9
Tenn.....	160	142	31.0	23.2	.9	.9	24.1	17.3	77.7	74.7	68	3.6
Tex.....	565	506	79.1	60.0	2.5	2.3	55.8	40.6	70.6	67.7	184	12.9
Utah.....	41	35	5.1	3.9	.2	.2	3.6	2.7	70.4	68.8	14	1.6
Vt.....	19	16	3.0	2.3	.1	.1	2.3	1.6	75.8	72.9	7	.7
Va.....	135	103	32.1	20.5	.8	.7	24.4	15.5	75.8	75.6	68	5.6
Wash.....	127	110	16.1	12.1	.6	.5	11.2	8.1	69.3	66.5	42	4.5
W. Va.....	80	68	14.2	10.1	.4	.4	10.9	7.4	76.8	73.4	30	2.2
Wis.....	171	145	28.6	23.5	.8	.7	20.3	16.3	71.0	69.0	66	4.5
Wyo.....	31	27	2.5	1.8	.1	.1	1.6	.9	62.9	54.4	5	.5
P.R.....	60	54	11.4	8.9	.4	.4	8.9	6.8	77.9	76.6	24	2.8

NA Not available. <sup>2</sup> Fewer than 50,000. <sup>3</sup> Non-Federal hospitals. <sup>4</sup> Inpatients receiving treatment each day; excludes newborn. <sup>5</sup> Ratio of average daily census to every 100 beds. <sup>6</sup> Includes full-time equivalents of part-time personnel.

Source: American Hospital Association, Chicago, Ill., *Hospital Statistics*, annual. (Copyright.)

### NO. 183. HOSPITAL UTILIZATION RATES, BY SEX AND AGE OF PATIENT: 1965 TO 1978

[Covers estimates of inpatients discharged from noninstitutional, short-stay hospitals, exclusive of Federal hospitals. Excludes newborn. Based on sample data collected from the Hospital Discharge Survey, a sample survey of hospital records of patients discharged in year shown; subject to sampling variability]

YEAR AND PATIENT'S AGE CLASS (in years)	Patients discharged (1,000)	PATIENTS DISCHARGED PER 1,000 PERSONS <sup>1</sup>			DAYS OF CARE PER 1,000 PERSONS <sup>1</sup>			AVERAGE STAY (days)			Beds used per day <sup>2</sup>
		Total	Male	Female	Total	Male	Female	Total	Male	Female	
1965.....	28,792	152	121	180	1,186	1,018	1,339	7.8	8.4	7.4	325
1970.....	29,185	146	119	171	1,173	1,033	1,297	8.0	8.7	7.6	321
1971.....	29,459	146	120	170	1,143	1,004	1,269	7.8	8.4	7.5	313
1972.....	31,627	155	128	180	1,200	1,056	1,330	7.7	8.3	7.4	328
1973.....	32,125	156	129	181	1,212	1,066	1,345	7.8	8.3	7.4	332
1974.....	33,018	159	131	185	1,233	1,089	1,365	7.7	8.3	7.4	338
1975.....	34,043	163	134	190	1,255	1,104	1,395	7.7	8.2	7.4	344
1976.....	34,372	163	135	189	1,236	1,093	1,369	7.6	8.1	7.2	339
1977.....	35,902	168	140	196	1,237	1,095	1,369	7.3	7.8	7.0	339
1978, total.....	35,616	167	139	192	1,225	1,085	1,355	7.4	7.8	7.1	336
Under 1.....	691	216	241	190	1,283	1,377	1,185	5.9	5.7	6.2	352
1-4.....	1,044	86	97	75	342	383	299	4.0	4.0	4.0	94
5-14.....	1,753	50	53	46	204	225	182	4.1	4.3	3.9	56
15-24.....	5,608	140	81	197	661	486	830	4.7	6.0	4.2	181
25-34.....	5,756	174	97	248	898	614	1,165	5.1	6.4	4.7	246
35-44.....	3,673	154	123	182	997	832	1,151	6.5	6.8	6.3	273
45-54.....	8,383	193	192	194	1,639	1,619	1,656	8.5	8.4	8.5	449
65 and over.....	8,708	382	412	361	4,184	4,330	4,081	11.0	10.5	11.3	1,146

<sup>1</sup> Total civilian noninstitutional population.

<sup>2</sup> Average daily number of beds occupied per 100,000 civilian noninstitutional population.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 13 publications.

### NO. 184. SURGICAL OPERATIONS IN SHORT-STAY HOSPITALS: 1965 TO 1978

[Excludes newborn infants and discharges from Federal hospitals. See headnote, table 183]

SEX AND TYPE OF OPERATION	NUMBER OF OPERATIONS (mil.)						RATE PER 1,000 POPULATION <sup>1</sup>					
	1965	1971	1973	1975	1977	1978	1965	1971	1973	1975	1977	1978
<b>Total.....</b>	<b>14.68</b>	<b>15.77</b>	<b>18.43</b>	<b>20.04</b>	<b>21.16</b>	<b>20.75</b>	<b>77.4</b>	<b>78.1</b>	<b>89.5</b>	<b>95.8</b>	<b>99.7</b>	<b>97.0</b>
<b>Male<sup>2</sup>.....</b>	<b>5.77</b>	<b>6.16</b>	<b>6.94</b>	<b>7.37</b>	<b>7.96</b>	<b>7.83</b>	<b>62.7</b>	<b>63.3</b>	<b>69.9</b>	<b>73.2</b>	<b>77.8</b>	<b>75.9</b>
Abdominal.....	(NA)	1.25	1.36	1.40	1.41	1.35	(NA)	12.8	13.7	13.9	13.7	13.1
Repair of inguinal hernia.....	(NA)	.44	.46	.48	.47	.45	(NA)	4.5	4.7	4.8	4.6	4.3
Orthopedic.....	.97	1.07	1.22	1.34	1.49	1.47	10.5	11.0	12.3	13.3	14.5	14.2
Otorhinolaryngology.....	.94	.90	.90	.84	.89	.82	10.2	9.2	9.1	8.3	8.7	8.0
Urological.....	(NA)	.91	1.03	1.11	1.19	1.14	(NA)	9.3	10.4	11.0	11.6	11.0
Plastic surgery.....	(NA)	.49	.54	.54	.57	.55	(NA)	5.0	5.2	5.4	5.5	5.4
Biopsy.....	(NA)	.24	.30	.35	.41	.45	(NA)	2.5	3.0	3.5	4.0	4.3
Vascular and cardiac.....	(NA)	.30	.41	.52	.67	.71	(NA)	3.1	4.1	5.2	6.5	6.9
Ophthalmology.....	.20	.25	.30	.33	.37	.37	2.2	2.6	3.0	3.3	3.6	3.6
Proctological.....	(NA)	.29	.30	.32	.31	.30	(NA)	3.0	3.1	3.1	3.0	2.9
<b>Female<sup>2</sup>.....</b>	<b>8.89</b>	<b>9.59</b>	<b>11.48</b>	<b>12.66</b>	<b>13.20</b>	<b>12.92</b>	<b>90.9</b>	<b>91.5</b>	<b>107.8</b>	<b>117.0</b>	<b>120.2</b>	<b>116.8</b>
Gynecological <sup>3</sup> .....	2.72	2.79	3.57	3.89	4.00	3.82	27.8	26.6	33.5	36.0	36.4	34.6
Dilation and curettage of uterus <sup>4</sup> .....	(NA)	.77	.93	.98	1.00	.97	(NA)	7.3	8.8	9.0	9.1	8.7
Hysterectomy.....	(NA)	.57	.69	.73	.71	.64	(NA)	5.4	6.5	6.7	6.4	5.8
Abdominal.....	(NA)	1.20	1.39	1.49	1.53	1.48	(NA)	11.4	13.0	13.8	14.0	13.4
Orthopedic.....	.80	.88	1.13	1.26	1.37	1.36	8.2	8.4	10.6	11.6	12.5	12.3
Otorhinolaryngology.....	.94	.89	.93	.90	.89	.85	9.2	8.5	8.7	8.3	8.1	7.6
Urological.....	(NA)	.33	.42	.46	.47	.43	(NA)	3.2	4.0	4.3	4.3	3.9
Obstetrical procedures <sup>4</sup> .....	.81	.97	1.08	1.25	1.41	1.47	8.3	9.3	10.1	11.6	12.9	13.3
Plastic surgery.....	(NA)	.45	.50	.50	.53	.53	(NA)	4.3	4.7	4.6	4.8	4.7
Biopsy.....	(NA)	.52	.62	.75	.77	.73	(NA)	4.9	5.8	7.0	7.0	6.6
Ophthalmology.....	.22	.31	.36	.42	.47	.51	2.2	2.9	3.4	3.9	4.3	4.6

NA Not available.

<sup>1</sup> Based on Bureau of the Census estimated civilian noninstitutional population as of July 1.

<sup>2</sup> Includes types of operations not shown separately. <sup>3</sup> Diagnostic.

<sup>4</sup> Excludes some obstetrical procedures for inducing or assisting delivery.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 13 publications.

## NO. 185. LONG-TERM CARE INSTITUTIONS—SUMMARY: 1976

[Covers facilities which offer residential care to persons for an average stay of 30 days or more. Based on Survey of Institutionalized Persons (S.I.P.) which contained samples of institutions, of selected residents in sample institutions, and of next of kin of sample residents. Data differ from tables 176 and 186-188, which list each facility with a separate license as a separate institution. In the S.I.P., a facility was counted as a separate institution for each type of care provided. Thus, a facility providing several types of care was counted as several separate institutions. Resident is any person who was on the patient roster and who was living at the institution or for whom a bed was being held. For definition of median, see Guide to Tabular Presentation]

INSTITUTIONS AND RESIDENTS	Total	Percent of total	Nursing homes	Physically handicapped	Psychiatric <sup>1</sup>	Mentally handicapped <sup>2</sup>	Children's <sup>3</sup>	Other <sup>4</sup>
<b>Total institutions</b> .....	<b>23,608</b>	<b>100.0</b>	<b>18,261</b>	<b>387</b>	<b>1,567</b>	<b>1,705</b>	<b>1,324</b>	<b>363</b>
Facilities with—								
1-99 beds .....	18,778	79.5	14,254	227	1,439	1,433	1,200	224
100-349 beds .....	4,518	19.1	3,914	133	105	128	117	121
350 or more beds .....	312	1.3	93	27	23	144	7	18
By ownership:								
Government .....	1,889	8.0	872	165	243	274	206	129
Proprietary .....	12,429	52.6	11,213	86	130	788	117	96
Private nonprofit .....	9,290	39.4	6,177	136	1,194	643	1,001	138
Median charges per month <sup>5</sup> (dol.) .....	477	(x)	501	377	292	316	385	699
Median cost per month <sup>5</sup> (dol.) .....	481	(x)	482	431	640	379	528	934
<b>Total residents <sup>6</sup> (1,000)</b> .....	<b>1,550</b>	<b>100.0</b>	<b>1,183</b>	<b>38</b>	<b>65</b>	<b>189</b>	<b>44</b>	<b>31</b>
Male (1,000) .....	597	38.5	378	22	46	110	26	14
Female (1,000) .....	948	61.1	803	15	18	78	17	17
White (1,000) .....	1,410	91.0	1,101	31	49	169	31	29
Black and other (1,000) .....	135	8.7	80	6	15	20	13	2
Under 18 years old (1,000) .....	152	9.9	9	19	28	56	40	(z)
18-64 years old (1,000) .....	334	21.5	154	16	32	125	3	5
65 years old and over (1,000) .....	1,028	66.3	989	2	5	6	(z)	26
Length of current stay:								
Less than 1 year (1,000) .....	525	33.8	432	7	41	15	21	9
1 to 2 years (1,000) .....	273	17.6	233	4	9	11	9	7
3 to 4 years (1,000) .....	280	18.1	234	5	6	23	5	8
5 to 9 years (1,000) .....	272	17.6	200	8	4	50	6	5
10 to 19 years (1,000) .....	97	6.3	36	10	2	46	1	2
20 or more years (1,000) .....	45	2.9	2	2	2	40	(z)	(z)

X Not applicable. Z Fewer than 500. <sup>1</sup> Facilities for the emotionally disturbed and residential treatment or rehabilitation centers for alcoholics and drug abusers. <sup>2</sup> Facilities for mentally retarded and other neurologically handicapped persons. <sup>3</sup> Orphanages and homes for dependent children, homes for unwed mothers, and sheltered or custodial care homes. <sup>4</sup> Institutions offering care for chronic diseases and extended-care units of short-term hospitals. <sup>5</sup> Per resident calculated on basis of institutions which charge for their services. <sup>6</sup> Includes not reported, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 69.

## NO. 186. NURSING AND RELATED CARE FACILITIES: 1963 TO 1979

[Count of nursing and related care homes based on Master Facility Inventory compiled by the U.S. National Center for Health Statistics; see Appendix III]

ITEM	1963	1967	1969	1970	1971	1973	1975	1976	1978	1979
<b>Nursing and related care: <sup>1</sup></b>										
Facilities (number) .....	16,701	19,141	18,910	(NA)	22,004	21,834	(NA)	<sup>2</sup> 20,468	<sup>3</sup> 18,722	(NA)
Beds (1,000) .....	559	837	944	(NA)	1,202	1,328	(NA)	<sup>2</sup> 1,415	<sup>3</sup> 1,349	(NA)
Resident patients (1,000) .....	491	756	850	(NA)	1,076	1,198	(NA)	<sup>2</sup> 1,293	<sup>3</sup> 1,240	(NA)
Personnel employed <sup>4</sup> (1,000) .....	242	383	444	(NA)	568	636	(NA)	<sup>2</sup> 653	<sup>3</sup> 664	(NA)
Per 1,000 patients .....	491	507	522	(NA)	528	531	(NA)	<sup>2</sup> 505	<sup>3</sup> 535	(NA)
<b>Skilled nursing facilities <sup>5</sup> (no.)</b> .....	(x)	<sup>6</sup> 4,160	4,840	4,646	4,277	3,970	3,932	3,928	4,749	4,963
Beds (1,000) .....	(x)	<sup>6</sup> 291	341	333	307	287	287	309	408	420
Per 1,000 Medicare enrollees <sup>7</sup> .....	(x)	15.2	17.3	16.8	15.3	13.7	13.3	13.6	17.2	17.3

NA Not available. X Not applicable. <sup>1</sup> Places providing some form of nursing, personal, or domiciliary care; standards vary widely among States. Includes skilled nursing facilities. <sup>2</sup> Some changes in data beginning 1976 may be due to dependence on State collection; see Appendix III. <sup>3</sup> Includes 1976 data for California, District of Columbia, New York, and North Carolina. See footnote 3, table 188. <sup>4</sup> Full-time employees only. <sup>5</sup> Source: 1967-1976, U.S. Social Security Administration, *Health Insurance Statistics*. Beginning 1978, U.S. Health Care Financing Administration, *Participating Health Facilities Under Medicare*, semiannual. As of June 30, except rate per enrollees. Covers facilities certified for participation under Medicare, 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. <sup>6</sup> As of July. <sup>7</sup> Based on enrollees in Medicare hospital insurance program as of Jan. 1 of year stated, except 1973 based on July 1, 1972.

Source: Except as noted, U.S. National Center for Health Statistics, *Health Resources Statistics*, annual; beginning 1976, biennial.



# NO. 187. NURSING HOMES—SELECTED CHARACTERISTICS OF HOMES AND RESIDENTS, AND PRIMARY SOURCES OF PAYMENT: 1964 TO 1977

[In thousands except as indicated. Data based on periodic surveys; for details, see source]

NURSING AND PERSONAL CARE HOMES	1964	1969	1973-1974 <sup>1</sup>	1977 <sup>2</sup>	RESIDENTS IN NURSING AND PERSONAL CARE HOMES	1964	1969	1973-1974 <sup>1</sup>	1977 <sup>2</sup>
Estimated number.....	17.3	18.4	15.7	18.9	Total.....	554	815	1,076	1,303
By type of ownership:					White.....	(NA)	779	1,010	1,201
Proprietary.....	14.2	14.2	11.9	14.5	Black and other.....	(NA)	37	65	102
Nonprofit.....	2.2	2.8	2.7	3.4	Under 65 years old.....	66	93	114	177
Government.....	1.0	1.4	1.2	1.0	65 yr. old and over.....	488	722	962	1,126
Less than 50 beds.....	14.2	11.7	6.4	8.0	Percent of total.....	88.0	88.6	89.4	86.4
50-99 beds.....	2.1	4.6	5.5	5.8	Male.....	194	252	318	375
100 beds or more.....	1.0	2.1	3.8	5.1	Under 65 years.....	36	45	52	81
Beds, total.....	800	881	1,175	1,402	65 yr. and over.....	158	207	266	294
Average per home.....	35	48	75	71	Percent of male.....	81.3	82.2	83.5	78.3
Per 1,000 persons 65 years old and older.....	33.6	45.2	55.2	59.7	65-74.....	40	51	65	80
Employment <sup>3</sup> .....	258	484	713	848	75-84.....	74	91	102	122
Per 100 residents.....	46.6	59.4	68.3	49.7	85 and over.....	43	64	98	92
Residents, total.....	554	815	1,076	1,303	Female.....	360	563	758	928
Percent, by primary source of payment:					Under 65 years.....	30	48	62	96
Medicare.....	(x)	3.4	1.1	2.0	65 yr. and over.....	330	515	696	832
Medicaid.....	(x)	13.3	47.9	47.8	Percent of female.....	91.6	91.5	91.8	90.0
Public assistance.....	47.0	38.5	11.4	6.4	65-74.....	64	86	98	131
Other.....	54.0	46.9	39.7	43.8	75-84.....	157	232	283	343
					85 and over.....	109	198	315	358

NA Not available. X Not applicable. <sup>1</sup> Excludes personal care homes without nursing. <sup>2</sup> Includes domiciliary care homes. <sup>3</sup> Full-time equivalent. <sup>4</sup> Data from 1968 Nursing Home Survey. <sup>5</sup> Excludes clerical and office staff, and food service, housekeeping, and maintenance workers.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 12 and 13, and unpublished data.

## NO. 188. NURSING AND RELATED CARE FACILITIES, BY STATES: 1971 AND 1978

[Data are for places providing some form of nursing, personal, or domiciliary care; standards vary widely among States. Based on Master Facility Inventory; see Appendix III. See also headnote, table 186]

STATE	FACILITIES		BEDS (1,000)		RESIDENT PATIENTS (1,000)		STATE	FACILITIES		BEDS (1,000)		RESIDENT PATIENTS (1,000)	
	1971	1978	1971	1978	1971	1978		1971	1978	1971	1978	1971	1978
U.S.....	22,004	18,722	1,202	1,349	1,076	1,240	Miss.....	134	96	7.1	10.2	6.2	9.6
Ala.....	192	204	13.4	19.2	12.3	18.0	Mo. <sup>2</sup> .....	484	824	32.0	40.6	28.5	36.9
Alaska.....	8	12	.7	1.1	.5	.8	Mont.....	103	67	4.5	4.3	4.1	4.0
Ariz. <sup>2</sup> .....	82	84	5.2	6.8	4.6	6.3	Nebr. <sup>2</sup> .....	253	214	15.1	16.8	13.7	15.2
Ark.....	218	179	15.1	16.6	13.8	15.6	Nev.....	43	29	1.4	1.7	1.2	1.6
Calif.....	4,277	3,500	148.0	138.2	121.6	124.5	N.H.....	140	96	5.5	6.8	5.0	6.2
Colo. <sup>2</sup> .....	212	190	18.4	19.2	14.9	17.8	N.J.....	548	487	30.8	37.5	27.7	35.2
Conn.....	380	286	21.9	20.2	20.6	18.8	N. Mex.....	60	43	3.3	2.6	2.4	2.4
Del.....	34	27	1.9	2.5	1.7	2.4	N.Y.....	1,096	1,027	81.1	104.5	76.3	97.3
D.C.....	73	70	2.8	2.9	2.5	2.5	N.C. <sup>2</sup> .....	843	722	19.2	24.6	17.5	22.7
Fla.....	373	346	35.9	34.4	29.6	32.4	N. Dak.....	109	79	6.2	5.1	5.9	4.9
Ga.....	283	278	22.8	29.8	20.8	27.8	Ohio.....	1,191	669	59.5	52.0	53.2	48.2
Hawaii.....	132	148	2.3	3.3	2.2	2.6	Okl.....	411	222	26.9	17.2	23.8	15.6
Idaho <sup>2</sup> .....	64	48	3.9	4.4	3.4	4.1	Oreg.....	311	184	17.2	11.7	16.0	10.8
Ill.....	1,046	557	66.9	61.5	61.1	55.5	Pa. <sup>2</sup> .....	753	609	57.7	79.9	52.5	74.1
Ind.....	522	476	32.5	41.0	29.0	36.9	R.I. <sup>2</sup> .....	185	112	6.5	8.0	6.1	7.3
Iowa.....	747	488	33.8	33.9	30.4	31.5	S.C.....	118	161	7.5	9.4	6.6	8.7
Kans.....	480	283	21.9	19.8	20.0	18.2	S. Dak.....	153	138	7.0	8.6	6.6	8.1
Ky.....	344	237	18.6	17.6	16.5	16.1	Tenn. <sup>2</sup> .....	234	245	14.3	18.5	12.2	17.6
La.....	212	133	14.6	13.9	13.3	13.1	Tex. <sup>2</sup> .....	937	966	70.8	92.6	60.8	77.1
Maine.....	286	353	7.4	10.7	6.8	8.9	Utah.....	142	72	4.8	4.4	4.4	4.1
Mo.....	195	183	14.7	19.3	13.8	18.3	Va. <sup>2</sup> .....	101	214	3.0	5.0	2.8	4.6
Mass. <sup>2</sup> .....	980	829	49.7	51.2	48.1	48.4	Va. <sup>2</sup> .....	335	330	15.7	21.0	14.1	20.0
Mich. <sup>2</sup> .....	562	563	43.3	60.2	40.2	56.2	Wash.....	385	504	28.6	34.9	25.2	32.6
Minn. <sup>2</sup> .....	593	495	41.1	44.4	38.0	42.6	W. Va.....	124	125	3.9	6.1	3.5	5.8
							Wis. <sup>2</sup> .....	490	490	37.6	51.1	34.0	47.7
							Wyo.....	34	28	1.7	2.0	1.6	1.9

<sup>1</sup> Includes 1976 data for Calif., D.C., N. Y., and N.C. <sup>2</sup> See footnote 2, table 186. <sup>3</sup> 1976 data.

Source: U.S. National Center for Health Statistics, *Health Resources Statistics*, annual; beginning 1976, biennial.

# NO. 189. PATIENT CARE EPISODES IN MENTAL HEALTH FACILITIES, BY TYPE OF TREATMENT FACILITY: 1955 TO 1977

["Patient care episodes" is defined as the number of residents in inpatient facilities or the number of persons on the rolls of outpatient facilities at the beginning of the year plus the total additions to both types of facilities during the year. Excludes private psychiatric office practice, psychiatric service modes of all types in hospitals or outpatient clinics of Federal agencies other than Veterans Administration (VA), inpatient service modes of multiservice facilities not shown in this table, all partial care episodes, and outpatient episodes of VA hospitals]

ITEM AND YEAR	All facilities	INPATIENT SERVICES					OUTPATIENT PSYCHIATRIC SERVICES			
		Total	Mental care hospitals		General <sup>2</sup>	VA	Community mental health centers <sup>3</sup>	Total	Community mental health centers <sup>3</sup>	Other
			State and county	Private <sup>1</sup>						
Patient care episodes (1,000):										
1955.....	1,675	1,296	819	123	266	88	(NA)	379	(NA)	379
1965.....	2,637	1,566	805	125	519	116	(NA)	1,071	(NA)	1,071
1971.....	4,038	1,721	748	127	543	177	130	2,317	623	1,694
1975.....	6,409	1,791	599	165	566	214	247	4,618	1,585	3,033
1977.....	6,640	1,817	574	184	572	218	269	4,823	1,742	3,081
Percent distribution:										
1955.....	100.0	77.4	48.9	7.3	15.9	5.3	(NA)	22.6	(NA)	22.6
1965.....	100.0	59.4	30.5	4.8	19.7	4.4	(NA)	40.6	(NA)	40.6
1971.....	100.0	42.6	18.5	3.1	13.4	4.4	3.2	57.4	15.4	42.0
1975.....	100.0	27.9	9.3	2.6	8.8	3.3	3.9	72.1	24.7	47.4
1977.....	100.0	27.4	8.6	2.8	8.6	3.3	4.1	72.6	26.2	46.4
Rate per 100,000 population:										
1955.....	1,028	795	502	76	163	54	(NA)	233	(NA)	233
1965.....	1,376	817	420	65	271	60	(NA)	559	(NA)	559
1971.....	1,981	847	365	66	266	87	64	1,134	305	829
1975.....	3,033	847	283	78	268	101	117	2,185	750	1,435
1977.....	3,079	842	266	85	265	101	125	2,236	808	1,429

NA Not available. <sup>1</sup> Includes estimates of episodes of care in residential treatment centers for emotionally disturbed children. <sup>2</sup> Hospitals (non-VA) with psychiatric inpatient units. <sup>3</sup> Federally funded.

Source: U.S. National Institute of Mental Health, *Statistical Note 139*, DHEW Publication, No. (ADM) 77-158, 1977, and unpublished data.

## NO. 190. RESIDENTIAL FACILITIES FOR THE MENTALLY RETARDED: 1960 TO 1979

[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 <sup>1</sup>						Community facilities, <sup>3</sup> 1977
	1960	1965	1970	1975	1978 <sup>2</sup>	1979 <sup>2</sup>	
Number of institutions.....	108	143	190	210	398	391	4,427
Resident patients, beginning of year.....	158,682	181,549	189,956	166,689	161,562	155,114	(NA)
Admissions <sup>4</sup> .....	14,701	17,300	14,985	13,424	14,286	17,308	17,398
Deaths in institutions.....	3,202	3,583	3,496	2,752	2,385	2,251	612
Live releases <sup>5</sup> .....	6,451	7,993	14,702	18,320	18,665	21,406	9,297
Resident patients, end of year.....	163,730	187,273	186,743	159,041	152,476	147,729	62,397
Rate per 100,000 population <sup>6</sup> .....	91.9	97.7	92.6	75.2	70.4	67.6	29.1
Average daily resident patients.....	163,282	189,172	187,897	161,061	148,453	140,407	(NA)
<b>Maintenance expenditures per average daily resident patient:<sup>7</sup></b>							
Per year (dollar).....	1,650	2,335	4,635	11,315	18,360	20,849	(NA)
Per day (dollar).....	5	6	13	31	50	57	<sup>8</sup> 16

NA Not available. <sup>1</sup> 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.

<sup>2</sup> Includes data for 141 facilities in 1978 and 135 facilities in 1979 operated as mental hospitals or other care facilities and which have at least 10 mentally retarded residents. The average daily number of mentally retarded residents in these facilities was 8,626 in 1978 and 8,979 in 1979. <sup>3</sup> A community-based 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; nursing homes, boarding homes and foster homes not formally licensed or contracted as mental retardation service providers; and independent living programs which have no staff residing in facility. <sup>4</sup> Includes readmissions and excludes transfers. <sup>5</sup> 1960-1975, represents excess of patients released alive from hospital over those returning to hospital. Beginning 1977, total live releases. <sup>6</sup> Based on Bureau of the Census estimated civilian population as of July 1. <sup>7</sup> Reporting facilities only. Includes salaries and wages, purchased provisions, fuel, light, water, etc. <sup>8</sup> Represents average daily reimbursement rate.

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; 1978 and 1979, Krantz, Bruinicks, and Clumpner, *Mentally Retarded People in State-Operated Residential Facilities: Year Ending June 30, 1978* (Second Edition) and *Year Ending June 30, 1979*. Community facilities: Bruinicks, Hauber, and Kudla; *National Survey of Community Residential Facilities: A Profile of Facilities and Residents in 1977, 1979*.

## NO. 191. PATIENTS IN MENTAL HEALTH FACILITIES: 1977 AND 1979

[Additions comprise admissions and readmissions]

STATE	MENTAL CARE HOSPITALS, 1977 <sup>1</sup>				Outpatient psychiatric services, addi- tions, <sup>1 2</sup> 1977	General hospitals with psychiatric inpatient units, dis- charges, <sup>1 3</sup> 1977	STATE FACILITIES FOR MENTALLY RETARDED <sup>4</sup>			Communi- ty facilities, mentally retarded resi- dents, <sup>5 7</sup> 1977
	State and county		Private				Resi- dent pa- tients, 1979	Total admis- sions, <sup>6</sup> 1979	Total live re- leases, <sup>6</sup> 1979	
	Resi- dent patients, end of year	Total addi- tions	Resi- dent pa- tients, end of year	Total addi- tions						
Facilities, number .....	297		189		1,873	843		256		4,427
U.S. ....	159,405	414,507	12,078	134,658	1,505,515	551,190	138,592	13,573	16,980	62,397
Alabama.....	2,196	3,378	156	3,212	8,974	8,625	1,827	116	94	207
Alaska.....	102	823	-	-	1,841	244	93	5	9	119
Arizona.....	642	1,494	86	1,714	19,954	5,786	698	-	88	343
Arkansas.....	351	2,305	-	-	4,586	2,677	1,704	179	239	215
California.....	6,981	23,582	1,374	20,980	190,772	53,875	9,311	520	693	6,870
Colorado.....	1,151	6,873	212	2,681	18,532	5,108	1,392	80	142	848
Connecticut.....	2,705	13,769	773	2,560	36,186	6,565	2,944	889	85	947
Delaware.....	688	1,859	51	621	4,452	367	518	68	94	89
District of Columbia.....	2,344	5,209	146	1,414	10,538	4,022	1,006	-	13	40
Florida.....	6,108	8,498	521	9,289	43,739	26,905	4,052	193	301	2,342
Georgia.....	5,432	32,446	430	6,787	28,864	12,192	1,443	353	431	306
Hawaii.....	135	891	-	-	4,327	1,041	442	89	64	177
Idaho.....	190	645	-	-	1,429	990	392	24	49	266
Illinois.....	6,049	24,788	407	5,541	97,550	34,050	6,081	376	373	6,076
Indiana.....	4,019	7,896	39	531	21,488	12,959	2,742	130	196	479
Iowa.....	1,180	5,517	-	-	21,112	11,682	1,944	153	205	1,150
Kansas.....	1,253	4,032	230	587	25,344	8,290	1,317	150	164	1,089
Kentucky.....	886	3,471	307	4,556	8,359	7,500	960	134	108	950
Louisiana.....	2,099	8,772	293	2,639	13,769	6,350	3,289	402	246	1,256
Maine.....	663	1,510	-	-	1,374	438	485	71	58	629
Maryland.....	4,012	10,945	619	2,327	34,482	5,000	3,151	1,398	1,535	374
Massachusetts.....	4,270	11,937	659	7,507	60,060	10,537	4,696	3	166	1,848
Michigan.....	4,680	18,127	560	6,869	69,593	18,527	5,363	401	617	4,126
Minnesota.....	2,353	7,388	-	-	31,759	18,883	1,829	199	240	3,140
Mississippi.....	2,407	5,488	41	759	5,369	2,771	1,836	277	258	354
Missouri.....	3,904	18,392	81	1,375	29,723	13,448	2,415	3,364	3,499	2,863
Montana.....	490	1,166	-	-	-	1,390	315	13	12	438
Nebraska.....	692	4,121	-	-	6,206	4,124	726	17	84	937
Nevada.....	206	826	-	-	4,209	1,939	141	53	54	30
New Hampshire.....	784	1,249	43	616	8,138	873	699	7	23	105
New Jersey.....	6,799	12,550	381	4,060	39,115	13,552	7,695	514	560	789
New Mexico.....	312	1,329	45	677	6,573	755	538	71	186	206
New York.....	30,122	38,276	897	6,829	244,379	59,921	15,622	1,028	2,082	3,314
North Carolina.....	4,062	15,776	229	1,908	21,295	12,091	3,314	198	266	643
North Dakota.....	615	2,360	-	-	1,284	1,969	1,079	34	48	185
Ohio.....	6,868	17,454	433	4,773	72,123	32,797	5,894	153	494	2,485
Oklahoma.....	2,087	8,122	34	622	21,334	6,673	1,933	127	121	584
Oregon.....	1,467	6,439	18	233	25,741	5,940	1,769	131	137	811
Pennsylvania.....	12,235	6,496	976	11,988	69,072	24,592	8,512	165	620	6,102
Rhode Island.....	1,354	4,302	133	1,354	13,678	1,067	716	34	49	181
South Carolina.....	3,527	5,027	-	-	7,014	5,333	3,154	(NA)	229	310
South Dakota.....	625	1,322	-	-	4,394	804	702	24	76	260
Tennessee.....	3,694	7,838	126	1,443	17,661	8,558	2,044	366	350	903
Texas.....	5,578	24,440	521	6,214	36,456	40,832	11,334	203	584	2,280
Utah.....	337	666	-	-	2,711	3,376	863	47	31	412
Vermont.....	356	630	111	483	1,316	397	726	4	57	220
Virginia.....	5,793	12,369	798	7,250	35,266	13,172	3,846	200	240	508
Washington.....	1,203	3,503	47	1,173	32,845	11,230	2,321	226	304	1,550
West Virginia.....	2,376	3,822	33	1,142	8,047	5,400	194	(NA)	11	56
Wisconsin.....	747	3,539	268	1,944	29,522	15,573	2,054	343	382	2,084
Wyoming.....	276	830	-	-	2,760	-	467	21	13	101

- Represents zero. NA Not available. <sup>1</sup> Includes estimates for nonreporting facilities. <sup>2</sup> Excludes federally funded community mental health centers. <sup>3</sup> Non-Federal. <sup>4</sup> Source: Krantz, Bruhlins, and Clumprner, *Mentally Retarded People in State-Operated Residential Facilities: Year Ending June 30, 1979*. Data from survey conducted for U.S. Office of Human Development Services. Excludes facilities operated as mental hospitals or other care facilities. <sup>5</sup> As of June 30. <sup>6</sup> For year ending June 30. <sup>7</sup> See footnote 3, table 190. Source: Bruhlins, Hauber, and Kudla, *National Survey of Community Residential Facilities: A Profile of Facilities and Residents in 1977, 1979*.

Source: Except as noted, U.S. National Institute of Mental Health, unpublished data.

## NO. 192. DAYS OF DISABILITY, BY TYPE, AND BY SEX OF PATIENT: 1965 TO 1978

[1965, for year ending June 30; thereafter, **calendar years**. Refers to civilian noninstitutional population. Based on Health Interview Survey; see Appendix III. For composition of regions, see fig. 1, inside front cover]

ITEM	TOTAL DAYS OF DISABILITY (millions)						DAYS PER PERSON					
	1965	1970	1975	1976	1977	1978	1965	1970	1975	1976	1977	1978
Restricted-activity days <sup>1</sup> .....	3,086	2,913	3,734	3,840	3,773	4,011	16.4	14.6	17.9	18.2	17.8	18.8
Male.....	1,339	1,273	1,574	1,666	1,618	1,679	14.7	13.2	15.6	16.4	15.8	16.3
Female.....	1,747	1,640	2,160	2,174	2,155	2,333	18.0	15.8	20.0	19.9	19.6	21.1
White.....	(NA)	2,526	3,179	3,280	3,230	3,421	(NA)	14.4	17.5	17.9	17.6	18.5
Black and other.....	(NA)	367	555	560	543	590	(NA)	15.6	20.4	20.2	19.2	20.5
Under 65 years old.....	2,420	2,331	2,916	2,969	2,961	3,093	14.1	12.9	15.5	15.7	15.6	16.2
65 years old and over.....	666	582	818	871	812	918	38.5	30.7	38.4	40.0	36.5	40.3
Northeast.....	(NA)	709	819	792	839	876	(NA)	14.5	16.7	16.3	17.3	18.0
North Central.....	(NA)	691	888	962	948	974	(NA)	12.4	15.9	17.1	16.8	17.0
South.....	(NA)	996	1,253	1,264	1,257	1,356	(NA)	15.9	18.7	18.7	18.2	19.6
West.....	(NA)	518	774	823	730	806	(NA)	15.6	20.8	21.5	19.1	20.9
Family income: <sup>2</sup>												
Under \$5,000.....	(NA)	982	1,030	943	871	854	(NA)	23.3	32.4	32.5	33.2	35.7
\$5,000-\$9,999.....	(NA)	857	914	865	821	872	(NA)	12.8	20.2	20.3	21.2	24.2
\$10,000-\$14,999.....	(NA)	539	676	700	625	582	(NA)	11.5	14.4	15.7	15.3	15.8
\$15,000 and over.....	(NA)	331	863	973	1,102	1,314	(NA)	10.9	12.4	12.8	12.7	13.7
Bed-disability days <sup>3</sup> .....	1,160	1,222	1,371	1,500	1,458	1,524	6.2	6.1	6.6	7.1	6.9	7.1
Male.....	484	503	546	619	589	617	5.3	5.2	5.4	6.1	5.8	6.0
Female.....	677	720	825	882	869	907	7.0	6.9	7.6	8.1	7.9	8.2
Under 65 years old.....	914	959	1,097	1,172	1,134	1,193	5.3	5.3	5.8	6.2	6.0	6.2
65 years old and over.....	246	263	274	328	324	331	14.2	13.8	12.9	15.1	14.5	14.5
Work-loss days <sup>4</sup> .....	400	417	493	465	450	486	5.7	5.4	5.2	5.3	5.0	5.2
Male.....	261	243	246	269	251	266	5.7	5.0	4.9	5.2	4.7	4.9
Female.....	139	175	187	186	199	220	5.6	5.9	5.7	5.6	5.3	5.7
School-loss days <sup>5</sup> .....	214	222	217	219	223	220	5.2	4.9	5.1	5.2	5.4	5.4
Male.....	103	108	103	105	109	104	4.9	4.7	4.8	4.9	5.2	5.1
Female.....	111	114	115	114	114	116	5.4	5.1	5.5	5.5	5.6	5.8

NA Not available. <sup>1</sup> 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. <sup>2</sup> Excludes those with unknown income.

<sup>3</sup> 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.

<sup>4</sup> A day when a person lost the entire workday because of illness or injury. Computed for persons 17 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.

<sup>5</sup> Child's loss of entire school day because of illness or injury. Computed for children 6-16 years of age.

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

## NO. 193. CIVILIANS WITH VISUAL IMPAIRMENT OR LEGALLY BLIND, BY SEX: 1972

[In thousands. Estimates less than 25,000 are subject to large relative sampling errors. Based on data from the Health Interview Survey (see Appendix III), the 1973-74 Nursing Home Survey, National Society for the Prevention of Blindness, National Disease and Therapeutic Index, and Model Reporting Area for Blindness Statistics]

TYPE OF AFFECTION	ALL VISUAL IMPAIRMENT <sup>1</sup>			SEVERE VISUAL IMPAIRMENT <sup>2</sup>			LEGAL BLINDNESS <sup>3</sup>		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Total</b> .....	<b>10,659</b>	<b>5,315</b>	<b>5,344</b>	<b>1,483</b>	<b>557</b>	<b>926</b>	<b>468</b>	<b>224</b>	<b>244</b>
Glaucoma.....	1,070	453	617	207	79	128	56	26	30
Cataract.....	1,711	702	1,008	217	72	144	64	28	36
Retinal disorder.....	915	340	473	392	134	257	118	53	65
Myopia.....	715	375	340	36	15	21	14	7	7
Cornea or sclera.....	294	179	115	67	25	42	22	10	12
Uveitis.....	285	146	137	67	27	40	23	11	12
Optic nerve disease.....	121	62	59	107	55	52	41	24	17
Multiple affections.....	90	24	66	90	24	66	23	8	15
Refractive errors with lesser disability.....	1,662	880	782	-	-	-	-	-	-
Other and unknown.....	3,896	2,151	1,745	301	125	176	108	56	52

- Represents zero. <sup>1</sup> Impaired vision includes blindness in one or both eyes, cataract, glaucoma, color blindness, detached retina or other condition of the retina, or any other trouble seeing with one or both eyes even when wearing glasses.

<sup>2</sup> Severe visual impairment is defined as an inability to read ordinary newspaper with glasses using both eyes, or having no useful vision in either eye, or blindness in both eyes.

<sup>3</sup> Legal blindness is defined as visual acuity for distant vision of 20/200 or less in the better eye, with best correction, or widest diameter of visual field subtending an angle less than 20 degrees.

Source: U.S. National Eye Institute, unpublished data.

### NO. 194. PERSONS WEARING CORRECTIVE LENSES: 1971 AND 1977

[Data refer to civilian noninstitutional population 3 years old and over. Based on Health Interview Survey; see Appendix III].  
Total wearing lenses includes group unknown as to type. Excludes sunglasses worn only to filter light, safety glasses for protection, etc. Contact lenses includes those with or without glasses]

ITEM	1971			1977						
	Total	Male	Female	Total	Male	Female	3-16 yr.	17-24 yr.	25-44 yr.	45 yr. and over
Population, 3 years old and over (mil.)...	191.6	92.1	99.5	202.9	97.7	105.3	50.7	31.3	55.3	65.6
Wearing lenses (mil.).....	94.3	40.8	53.5	103.3	44.7	58.6	7.3	12.3	25.0	56.8
Eyeglasses only (mil.).....	90.3	39.7	50.6	96.3	42.7	53.6	6.8	9.9	21.8	57.8
Contact lenses (mil.).....	2.4	.7	1.8	7.0	2.0	5.0	.4	2.4	3.2	1.0
Percent wearing lenses.....	49.2	44.2	53.8	50.9	45.7	55.7	14.3	39.2	45.3	89.5
Eyeglasses only.....	47.1	43.1	50.9	47.5	43.7	50.9	13.5	31.5	39.4	86.0
Contact lenses.....	1.3	.7	1.8	3.5	2.1	4.8	.8	7.7	5.8	1.5

### NO. 195. PERSONS INJURED, BY SEX, 1970 TO 1978, AND BY CIRCUMSTANCE, 1978

[Data refer to civilian noninstitutional population and comprise incidents leading to restricted activity and/or medical attention. Sum of estimates by type of circumstance may be greater than total injured because circumstances are not mutually exclusive. Based on Health Interview Survey; see Appendix III. 1975 data not strictly comparable with other years]

YEAR	PERSONS INJURED (millions)			RATE PER 100 POPULATION			CIRCUMSTANCE	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	1978 total .....	67.5	38.1	29.4	31.6	36.9	26.6
1973 ....	60.0	34.8	25.2	29.1	35.0	23.7							
1974 ....	59.1	33.6	25.6	28.5	33.6	23.8							
1975 ....	71.9	39.4	32.5	34.4	39.1	30.0							
1976 ....	65.4	37.1	28.3	31.1	36.5	26.0							
1977 ....	73.9	42.3	31.6	34.8	41.3	28.8							
							While at work .....	10.5	8.4	2.2	4.9	8.1	1.9
							Home .....	25.4	12.5	12.9	11.9	12.1	11.7
							Motor vehicle .....	4.6	2.7	1.9	2.1	2.6	1.7
							Other .....	29.7	16.7	13.0	13.9	16.2	11.8

Source of tables 194 and 195: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, and unpublished data.

### NO. 196. SELECTED PREVENTIVE CARE PROCEDURES: 1973

[Covers civilian noninstitutional population. Based on Health Interview Survey; see Appendix III]

TYPE OF PROCEDURE AND AGE GROUP	BOTH SEXES			MALE			FEMALE		
	Population (1,000)	Percent with care		Population (1,000)	Percent with care		Population (1,000)	Percent with care	
		At any time	In past year		At any time	In past year		At any time	In past year
<b>Electrocardiogram:</b>									
Total, 40 years and over .....	73,949	60.4	24.5	33,917	64.6	27.1	40,032	56.8	22.3
40-44 years .....	11,162	48.0	18.5	5,367	55.1	22.3	5,795	41.8	14.9
45-64 years .....	42,534	60.4	24.0	20,164	64.6	27.0	22,370	56.6	21.4
65 years and over .....	20,253	67.2	28.9	8,386	70.7	30.5	11,867	64.8	27.8
<b>Glaucoma test:</b>									
Total, 40 years and over .....	73,949	53.7	23.4	33,917	50.1	21.9	40,032	56.7	24.8
40-44 years .....	11,162	40.0	18.8	5,367	38.0	18.5	5,795	41.9	19.0
45-64 years .....	42,534	58.4	23.9	20,164	53.0	22.4	22,370	59.3	25.3
65 years and over .....	20,253	55.7	25.0	8,386	50.9	22.7	11,867	59.0	26.6
<b>Chest X-ray:</b>									
Total, 17 years and over .....	141,802	80.1	31.2	66,641	80.3	31.9	75,161	80.0	30.7
17-24 years .....	29,063	65.6	26.6	14,000	66.1	26.5	15,062	65.2	26.6
25-44 years .....	49,853	84.6	31.0	24,091	83.9	31.2	25,862	85.3	30.8
45-64 years .....	42,534	85.3	34.5	20,164	85.1	35.7	22,370	85.6	33.3
65 years and over .....	20,253	78.9	31.7	8,386	82.4	33.5	11,867	76.5	30.5
<b>Breast examination:</b>									
Total, 17 years and over .....	(x)	(x)	(x)	(x)	(x)	(x)	75,161	76.3	48.0
17-24 years .....	(x)	(x)	(x)	(x)	(x)	(x)	15,062	65.2	51.4
25-44 years .....	(x)	(x)	(x)	(x)	(x)	(x)	25,862	88.8	59.7
45-64 years .....	(x)	(x)	(x)	(x)	(x)	(x)	22,370	78.6	42.5
65 years and over .....	(x)	(x)	(x)	(x)	(x)	(x)	11,867	59.1	28.5
<b>Pap smear:</b>									
Total, 17 years and over .....	(x)	(x)	(x)	(x)	(x)	(x)	75,161	75.2	45.9
17-24 years .....	(x)	(x)	(x)	(x)	(x)	(x)	15,062	61.4	50.2
25-44 years .....	(x)	(x)	(x)	(x)	(x)	(x)	25,862	90.0	60.0
45-64 years .....	(x)	(x)	(x)	(x)	(x)	(x)	22,370	78.9	39.3
65 years and over .....	(x)	(x)	(x)	(x)	(x)	(x)	11,867	53.7	22.0

X Not applicable.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, No. 95; *Monthly Vital Statistics Reports*, vol. 24, Nos. 6 and 7 supplements, Sept. and Oct. 1975; and unpublished data.

**NO. 197. PERCENT OF POPULATION ENGAGED IN PHYSICAL EXERCISE, BY TYPE OF EXERCISE, SEX, AND AGE: 1975**

[Covers civilian noninstitutional population, 20 years old and over. Based on Health Interview Survey; see Appendix III]

SEX AND AGE	Total population (1,000)	Percent exercising regularly <sup>1</sup>	PERCENT, BY TYPE OF EXERCISE <sup>2</sup>						
			Ride bicycle	Calisthenics	Jog	Lift weights	Swim	Walk	All other
Total, 20 years and over.....	135,655	48.6	10.9	13.5	4.8	3.4	11.8	33.8	6.8
20-44 years.....	71,084	53.7	16.1	17.3	7.3	5.4	16.9	33.8	6.9
45-64 years.....	43,145	43.4	6.5	10.8	2.7	1.5	8.0	32.9	6.5
65 years and over.....	21,426	42.3	2.9	6.1	1.2	(B)	2.8	35.7	6.9
Male, 20 years and over.....	63,665	48.5	10.8	13.5	7.2	6.3	13.3	32.5	6.4
20-44 years.....	34,268	52.7	14.9	17.5	10.6	10.1	18.8	31.4	6.2
45-64 years.....	20,567	42.0	6.7	10.1	3.8	2.6	8.1	31.4	5.9
65 years and over.....	8,830	47.3	4.3	5.9	2.1	(B)	4.1	39.4	8.1
Female, 20 years and over.....	71,990	48.7	11.1	13.5	2.7	.8	10.5	35.0	7.1
20-44 years.....	36,816	54.6	17.2	17.1	4.1	1.1	15.0	36.0	7.5
45-64 years.....	22,579	44.6	6.4	11.4	1.6	(B)	7.8	34.2	7.1
65 years and over.....	12,595	38.7	1.8	6.3	(B)	(B)	1.9	33.0	6.0

B Base less than minimum required for reliability. <sup>1</sup> Regular exercise is any exercise done on a weekly basis. <sup>2</sup> More than one type of exercise can be reported per person.

Source: U.S. National Center for Health Statistics, *Health, United States, 1976-1977*.

**NO. 198. AVERAGE HEIGHTS AND WEIGHTS, BY AGE AND SEX: 1960-1962 AND 1971-1974**

[Height was measured without shoes. For 1960-1962, two pounds are deducted to allow for weight of clothing; for 1971-1974, total weights of all clothing ranged from .2 to .6 pound, which are not deducted from weights shown. Based on sample and subject to sampling variability; see source]

SEX, YEAR, AND HEIGHT (feet and inches)	18-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65-74 years
<b>MEN</b>						
HEIGHT (inches)						
1960-1962.....	68.7	69.1	68.5	68.2	67.4	66.9
1971-1974.....	69.7	69.6	69.1	68.9	68.3	67.3
<b>WOMEN</b>						
1960-1962.....	63.8	63.7	63.5	62.9	62.4	61.5
1971-1974.....	64.3	64.1	64.1	63.6	62.8	62.3
<b>MEN</b>						
WEIGHT (lb.)						
1960-1962, total.....	158	169	170	170	164	156
1971-1974, total.....	165	176	178	175	171	164
5'2".....	130	141	143	147	143	143
5'3".....	135	145	148	152	147	147
5'4".....	140	150	153	156	153	151
5'5".....	145	155	158	160	158	156
5'6".....	150	160	163	164	163	160
5'7".....	154	165	169	169	168	164
5'8".....	159	170	174	173	173	169
5'9".....	164	174	179	177	178	173
5'10".....	168	179	184	182	183	177
5'11".....	173	184	190	187	189	182
6'.....	178	189	194	191	193	186
6'1".....	183	194	200	196	197	190
6'2".....	188	199	205	200	203	194
<b>WOMEN</b>						
1960-1962, total.....	127	134	142	145	150	144
1971-1974, total.....	132	140	148	149	149	146
4'9".....	114	118	125	129	132	130
4'10".....	117	121	129	133	136	134
4'11".....	120	125	133	136	140	137
5'.....	123	128	137	140	143	140
5'1".....	126	132	141	143	147	144
5'2".....	129	136	144	147	150	147
5'3".....	132	139	148	150	153	151
5'4".....	135	142	152	154	157	154
5'5".....	138	146	156	158	160	158
5'6".....	141	150	159	161	164	161
5'7".....	144	153	163	165	167	165
5'8".....	147	157	167	168	171	169

Source: U.S. National Center for Health Statistics, *Advance Data*, No. 3, Nov. 19, 1976, and No. 14, Nov. 30, 1977.

# NO. 199. PERCENT OF CHILDREN 1 TO 4 YEARS OLD IMMUNIZED AGAINST SPECIFIED DISEASES: 1965 TO 1979

[Covers civilian noninstitutional population. Based on a sample and subject to sampling variability; see source]

ITEM	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979 (prel.)
Children, 1-4 yr (mil.)	16.5	14.1	14.1	13.9	13.9	13.2	12.7	12.3	12.1	12.2	12.4
<b>Percent immunized against—</b>											
Diphtheria-tetanus-pertussis (3 or more doses)	73.9	76.1	78.7	75.6	72.6	73.9	75.2	71.4	69.5	66.0	69.0
Polio (3 or more oral doses)	73.9	65.9	67.3	62.9	60.4	63.1	64.8	61.6	60.1	61.4	59.1
Measles	33.2	57.2	61.0	62.2	61.2	64.5	65.5	65.9	63.1	62.8	63.5
Rubella	(NA)	37.2	51.2	56.9	55.6	59.8	61.9	61.7	59.4	61.7	62.7
Mumps	(NA)	(NA)	(NA)	(NA)	34.7	39.4	44.4	48.3	48.1	51.1	55.4

NA Not available. <sup>1</sup> Inactivated doses or oral doses.

Source: U.S. Center for Disease Control, Atlanta, Ga., *United States Immunization Survey*, annual.

## NO. 200. SPECIFIED REPORTABLE DISEASES—CASES REPORTED: 1950 TO 1978

[Prior to 1960, excludes Alaska and Hawaii, except for tuberculosis. 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. See *Historical Statistics, Colonial Times to 1970*, series B 291-303, for related data]

DISEASE	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978
Amebiasis	4,568	3,348	3,424	2,768	2,888	2,743	2,775	2,906	3,044	3,937
Aseptic meningitis	(NA)	(NA)	1,593	2,329	5,480	3,197	4,475	3,510	4,789	6,573
Botulism <sup>1</sup>	20	16	12	19	12	28	20	55	129	105
Brucellosis (undulant fever)	3,510	1,444	751	262	213	240	310	296	232	179
Chickenpox (1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	141.5	154.2	184.0	188.4	154.1
Diphtheria	5,796	1,984	918	164	435	272	307	128	84	76
Encephalitis: Primary infectious <sup>2</sup>	1,135	2,166	2,341	1,722	1,580	1,164	4,064	1,651	1,414	1,118
Post infectious <sup>2</sup>				981	370	218	237	175	119	65
Hepatitis: Serum (1,000)	2.8	32.0	41.7	33.9	6.3	10.6	13.1	15.0	16.8	15.0
Infectious (1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	40.4	35.9	33.3	31.2	29.5
Unspecified (1,000)	(NA)	(NA)	(NA)	(NA)	(NA)	8.4	7.2	7.5	8.6	8.8
Leprosy	44	75	54	96	129	118	162	145	151	166
Leptospirosis	30	24	53	84	47	68	93	73	71	110
Malaria	2,184	522	72	147	3,051	293	373	471	547	731
Measles (1,000)	319.1	555.2	441.7	261.9	47.4	22.1	24.4	41.1	57.3	26.9
Meningococcal infections	3,788	3,455	2,259	3,040	2,505	1,346	1,478	1,605	1,828	2,505
Mumps (1,000)	(NA)	(NA)	(NA)	(NA)	105.0	59.1	59.6	38.5	21.4	16.8
Pertussis (whooping cough) (1,000)	120.7	62.8	14.8	6.8	4.2	2.4	1.7	1.0	2.2	2.1
Polio	33,300	28,985	3,190	72	33	7	8	14	18	15
Psittacosis	26	334	113	60	35	164	49	78	94	140
Rabies in animals	7,901	5,799	3,567	4,574	3,224	3,151	2,627	3,073	3,130	3,280
Rheumatic fever, acute <sup>3</sup>	(NA)	(NA)	9,022	4,998	3,227	2,431	2,854	1,865	1,738	851
Rubella (German measles) (1,000)	(NA)	(NA)	(NA)	(NA)	56.6	11.9	16.7	12.5	20.4	18.3
Salmonellosis <sup>4</sup> (1,000)	1.2	5.4	6.9	17.2	22.1	22.0	22.6	22.9	27.8	29.4
Shigellosis <sup>4</sup> (1,000)	23.4	13.9	12.5	11.0	13.8	22.6	16.6	13.1	16.1	19.5
Streptococcal sore throat, scarlet fever (1,000)	64.5	147.5	315.2	395.2	433.4	<sup>5</sup> 407.0	<sup>5</sup> 330.8	<sup>5</sup> 394.5	<sup>5</sup> 423.1	<sup>5</sup> 397.0
Tetanus	486	462	368	300	148	101	102	75	87	86
Trichinosis	327	264	160	199	109	120	252	115	143	67
Tuberculosis <sup>7</sup> (1,000)	(NA)	76.2	55.5	49.0	37.1	30.1	34.0	32.1	30.1	28.5
Tularemia	927	584	390	264	172	144	129	157	165	141
Typhoid fever	2,484	1,704	816	454	346	437	375	419	398	505
Typhus fever:										
Flea-borne (endemic-murine)	685	135	68	28	27	26	44	69	75	46
Tick-borne (Rocky Mt. spotted fever)	464	295	204	281	380	754	844	937	1,163	1,063
Venereal diseases (civilian cases):										
Gonorrhea (1,000)	287	236	259	325	600	906	1,000	1,002	1,002	1,013
Syphilis (1,000)	218	122	122	113	91	84	80	72	65	65
Other (1,000)	8.2	3.9	2.8	2.0	2.2	1.4	1.1	1.1	.9	.9

NA Not available. <sup>1</sup> Beginning in 1975, includes foodborne, infant, and unspecified cases. <sup>2</sup> Data reported for 1974-1978 reflect new diagnostic categories. <sup>3</sup> Based on reports from States: 37 in 1960, 36 in 1965, 1974, and 1975, 38 in 1970, 40 in 1976 and 1978, and 39 in 1977. <sup>4</sup> Excludes typhoid fever. <sup>5</sup> Bacillary dysentery. <sup>6</sup> Based on reports from States: 42 in 1974, 1976, and 1977, 41 in 1975, and 40 in 1978. <sup>7</sup> Beginning 1960, newly reported active cases. New diagnostic standards introduced in 1975.

Source: U.S. National Center for Health Statistics, *Vital Statistics—Special Reports*, vol. 37, No. 9, and U.S. Center for Disease Control, Atlanta, Ga., *Morbidity and Mortality Weekly Report* (annual supplements).

# NO. 201. ACUTE CONDITIONS, BY TYPE, 1970 TO 1978, AND BY SELECTED CHARACTERISTICS, 1978

[Data refer to civilian noninstitutional population. Based on Health Interview Survey; see Appendix III. Estimates include only acute conditions which were medically attended or caused at least one day of restricted activity. For composition of regions, see fig. 1, 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, total.....	48.2	127.3	92.5	23.0	59.2	24.1	63.7	46.3	11.5	29.6
1973, total.....	40.0	100.6	88.2	17.2	63.2	19.4	48.9	42.9	8.4	30.7
1974, total.....	40.5	94.9	100.9	16.2	63.1	19.5	45.8	48.7	7.8	30.4
1975, total.....	47.6	124.0	109.0	21.6	78.2	22.8	59.3	52.1	10.3	36.4
1976, total.....	52.6	127.7	123.0	22.0	67.7	25.0	60.6	58.4	10.4	32.1
1977, total.....	57.7	134.0	98.8	23.8	77.2	27.2	63.2	46.6	11.2	36.4
1978, total.....	52.9	126.4	121.1	22.9	70.7	24.7	59.1	56.6	10.7	33.1
Male.....	23.6	57.1	56.1	10.4	39.6	22.8	55.3	54.3	10.1	38.4
Female.....	29.3	69.4	65.0	12.5	31.1	26.5	62.7	58.8	11.3	28.1
Northeast.....	15.2	32.2	18.7	5.3	15.3	31.2	66.1	38.3	10.8	31.4
North Central.....	9.9	33.9	39.3	5.4	20.1	17.2	59.1	68.5	9.4	35.1
South.....	22.0	37.1	31.3	8.5	21.2	31.8	53.7	45.2	12.2	30.7
West.....	5.8	23.2	31.9	3.7	14.1	15.1	60.2	82.6	9.7	36.5
Inside SMSA <sup>1</sup> .....	38.4	91.3	83.2	16.3	48.5	26.2	62.4	56.8	11.1	33.1
Outside SMSA: <sup>1</sup>										
Nonfarm.....	13.6	33.0	34.0	6.3	20.7	22.3	54.1	55.6	10.3	33.9
Farm.....	.9	2.1	3.9	.3	1.5	13.6	33.5	61.6	<sup>2</sup> 5.1	23.6
Under 6 yr.....	11.9	24.6	13.4	2.6	6.2	64.5	133.9	72.7	14.0	33.5
6-16 yr.....	15.0	32.6	29.5	5.4	16.1	36.9	80.2	72.5	13.3	39.6
17-44 yr.....	19.8	49.5	53.8	10.0	32.3	22.3	55.9	60.7	11.2	36.4
45 yr. and over.....	6.2	19.7	24.4	4.9	16.2	9.4	29.8	36.9	7.4	24.5

<sup>1</sup> SMSA refers to standard metropolitan statistical areas as defined in 1970 census publications; see Appendix II.

<sup>2</sup> Figure does not meet standards of reliability or precision.

# NO. 202. PERSONS WITH ACTIVITY LIMITATION, BY SELECTED CHRONIC CONDITIONS: 1969-1970 AND 1978

[Covers civilian noninstitutional population. Based on Health Interview Survey; see Appendix III]

CONDITION	BOTH SEXES		MALE				FEMALE			
	All ages	65 yr. and over	All ages	Under 45 yr.	45-64 yr.	65 yr. and over	All ages	Under 45 yr.	45-64 yr.	65 yr. and over
<b>1969-1970</b>										
Persons with limitation (mil.).....	23.2	8.0	11.7	3.9	4.1	3.7	11.5	3.4	3.9	4.3
Percent limited by—										
Heart conditions.....	15.5	20.5	16.5	5.5	22.3	21.8	14.6	7.3	15.6	19.3
Arthritis and rheumatism.....	14.1	21.2	9.3	3.1	10.7	14.4	18.9	5.9	21.0	27.1
Hypertension without heart involvement.....	4.6	6.4	3.0	1.3	3.7	4.0	6.2	2.4	6.8	8.5
Impairment of back/spine.....	6.9	2.8	7.3	10.4	8.8	2.3	6.6	10.8	6.7	3.1
Lower extremities and hips.....	6.7	5.3	7.6	11.4	6.8	4.3	5.8	5.9	5.1	6.2
Percent of all persons with—										
No activity limitation.....	88.3	57.7	87.7	94.2	78.9	54.1	88.8	95.3	82.0	60.4
Activity limitation.....	11.7	42.3	12.3	5.8	21.1	45.8	11.2	4.7	18.0	39.6
In major activity.....	9.1	37.0	9.5	3.5	17.3	41.7	8.6	3.1	14.2	33.5
<b>1978</b>										
Persons with limitation (mil.).....	30.3	10.3	14.7	5.2	5.0	4.5	15.6	4.6	5.2	5.7
Percent limited by—										
Heart conditions.....	16.1	23.8	17.5	4.4	22.7	26.6	14.7	5.1	15.7	21.7
Arthritis and rheumatism.....	16.4	24.7	11.5	3.9	14.5	16.8	21.2	6.2	23.7	31.0
Hypertension without heart involvement.....	6.5	7.5	4.9	2.1	7.5	5.9	8.1	2.5	11.7	9.2
Impairment of back/spine.....	7.7	3.7	7.2	9.8	8.4	3.1	8.1	13.5	7.5	4.2
Lower extremities and hips.....	6.8	6.0	7.5	11.1	6.3	4.9	6.2	6.4	5.1	6.9
Percent of all persons with—										
No activity limitation.....	85.8	55.0	85.7	92.9	75.7	51.8	85.9	93.8	77.0	57.3
Activity limitation.....	14.2	45.0	14.3	7.1	24.3	48.2	14.1	6.2	23.0	42.7
In major activity.....	10.6	38.3	10.8	4.1	19.7	43.2	10.3	3.7	17.5	34.9

Source of tables 201 and 202: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, and unpublished data.



### NO. 203. PERSONS WITH ELEVATED BLOOD PRESSURE, BY RACE, SEX AND AGE: 1960-1962 AND 1971-1974

[Covers civilian noninstitutional population, 18-74 years old. Based on sample and subject to sampling variability, see source. Data represent number of persons with blood pressure readings of either systolic pressure of 160 mmHg or more or diastolic pressure of 95 mmHg or more]

AGE GROUP	NUMBER (1,000)					RATE PER 100 PERSONS				
	Total <sup>1</sup>	White	Black	Female	Male	Total <sup>1</sup>	White	Black	Female	Male
1960-1962, total	19,661	16,131	3,380	10,299	9,363	18.2	17.0	30.2	18.1	18.2
1971-1974, total	23,171	19,359	3,672	11,515	11,656	18.1	17.0	28.2	17.1	19.2
18-24 years old	738	632	106	194	544	3.1	3.1	3.7	1.6	4.8
25-34 years old	1,777	1,373	401	618	1,159	6.6	5.8	13.7	4.4	9.1
35-44 years old	3,492	2,738	696	1,449	2,043	15.5	13.6	32.0	12.3	18.9
45-54 years old	5,702	4,710	975	2,680	3,022	24.2	22.2	44.0	21.9	26.8
55-64 years old	6,257	5,354	865	3,382	2,875	33.2	31.4	52.6	34.0	32.3
65-74 years old	5,205	4,551	628	3,191	2,014	40.7	39.3	55.1	43.9	36.6

<sup>1</sup> Includes other races not shown separately.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 11, No. 203.

### NO. 204. PERSONS USING SPECIAL HEALTH AIDS—NUMBER AND RATE, BY AGE: 1977

[Covers civilian noninstitutional population. Based on Health Interview Survey; see Appendix III]

TYPE OF AID	NUMBER (1,000)					RATE PER 1,000 POPULATION				
	Total	Under 15 years	15-44 years	45-64 years	65 yr. and over	Total	Under 15 years	15-44 years	45-64 years	65 yr. and over
Cane or walking stick	2,714	-	153	550	2,011	12.8	-	1.6	12.7	90.3
Special shoes	1,492	572	265	401	253	7.0	11.1	2.8	9.2	11.4
Leg or foot brace	398	76	133	119	70	1.9	1.5	1.4	2.7	3.1
Other braces	1,004	51	296	460	196	4.7	1.0	3.1	10.6	8.8
Walker	689	22	26	93	549	3.2	1.4	1.3	2.1	24.7
Wheelchair	645	47	116	148	334	3.0	.9	1.2	3.4	15.0
Crutches	613	50	211	202	151	2.9	1.0	2.2	4.7	6.8
Artificial leg or foot	205	13	46	82	64	1.0	.3	.5	1.9	2.9

- Represents zero. <sup>1</sup> Figure does not meet standards of reliability or precision.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, No. 135.

### NO. 205. DRUGS AND TOILETRIES—RETAIL SALES: 1975 TO 1979

[In millions of dollars. Excludes government and hospital use]

PRODUCT	1975	1978	1979	PRODUCT	1975	1978	1979
<b>Total sales</b>	<b>22,366</b>	<b>30,900</b>	<b>33,394</b>	Toiletries	7,963	12,165	13,144
Drugs and other health aids	14,403	18,735	20,250	Hair products	2,172	3,004	3,271
Prescriptions	8,146	10,435	11,326	Shampoos	632	907	1,006
Packaged medications <sup>1</sup>	3,511	4,896	5,212	Shaving products	1,223	1,502	1,559
Vitamin concentrates	452	559	621	Oral hygiene	1,057	1,353	1,460
Cough and cold remedies	735	946	968	Dentifrices	494	603	663
Internal analgesics <sup>1</sup>	719	1,015	1,129	Hand products	329	520	565
Other <sup>1</sup>	1,605	2,375	2,493	Cosmetics	1,409	3,667	4,074
Sickroom and convalescent aids	371	703	725	Lipsticks	389	682	820
First aid products	396	443	475	Fragrances	608	615	623
Baby needs	1,074	1,439	1,647	Toilet water, cologne	429	431	434
Disposable diapers, liners	577	768	881	Personal hygiene	1,165	1,504	1,592
Feminine needs <sup>1</sup>	552	819	865	Bath soaps <sup>2</sup>	558	928	1,004
Veterinary	413	(NA)	(NA)	Deodorants <sup>3</sup>	607	576	588

NA Not available.

<sup>1</sup> For 1975, effervescent compounds reported under internal analgesics and contraceptives reported under feminine needs; beginning 1978, included in other packaged medications. <sup>2</sup> Medicated soaps included in packaged medications.

<sup>3</sup> Includes personal insect repellents.

Source: Medical Economics Company, Oradell, N.J., *Drug Topics*, Marketing Guide, annual. (Copyright © by Litton Industries; further reproduction prohibited without written permission of copyright owner.)

## No. 206. DRUG USE, BY TYPE OF DRUG AND BY AGE GROUP: 1979

[Current users are those who used drugs at least once within month prior to this study. Based on national samples of 2,165 youths, 2,044 young adults, and 3,015 older adults. Subject to sampling variability; see source]

TYPE OF DRUG	PERCENT OF YOUTHS (12-17 yr.)		PERCENT OF YOUNG ADULTS (18-25 yr.)		PERCENT OF ADULTS (26 yr. and older)	
	Ever used	Current user	Ever used	Current user	Ever used	Current user
Marihuana.....	30.9	16.7	68.2	35.4	19.6	6.0
Inhalants.....	9.8	2.0	16.5	1.2	3.9	.5
Hallucinogens.....	7.1	2.2	25.1	4.4	4.5	(z)
Cocaine.....	5.4	1.4	27.5	9.3	4.3	.9
Heroin.....	.5	(z)	3.5	(z)	1.0	(z)
Analgesics.....	3.2	.6	11.8	1.0	2.7	(z)
Stimulants <sup>1</sup> .....	3.4	1.2	18.2	3.5	5.8	.5
Sedatives <sup>1</sup> .....	3.2	1.1	17.0	2.8	3.5	(z)
Tranquilizers <sup>1</sup> .....	4.1	.6	15.8	2.1	3.1	(z)
Alcohol.....	70.3	37.2	95.3	75.9	91.5	61.3
Cigarettes.....	54.1	12.1	82.8	42.6	83.0	36.9

Z Less than .5 percent. <sup>1</sup> Prescription drugs.

## No. 207. MARIHUANA USE, BY CHARACTERISTICS AND RESIDENCE OF USER: 1971 TO 1979

[See headnote, table 206]

CHARACTERISTIC	PERCENT OF YOUTHS (12-17 yr.)				PERCENT OF YOUNG ADULTS (18-25 yr.)			PERCENT OF ADULTS (26 yr. and older)		
	1971 <sup>1</sup>	1976	1977	1979	1976	1977	1979	1976	1977	1979
<b>EVER USED</b>										
Total.....	14	22	28	31	53	60	68	13	15	20
Male.....	14	26	33	34	62	66	75	19	21	26
Female.....	14	19	23	28	44	55	61	7	10	14
White.....	15	22	29	31	55	61	69	12	15	19
Black and other.....	12	22	25	31	48	55	62	17	20	26
SMSA's with 1 million or more inhabitants <sup>2</sup> .....	15	25	36	36	59	63	73	19	20	23
SMSA's with under 1 million inhabitants <sup>2</sup> .....	15	24	28	28	59	64	68	12	16	21
Nonmetropolitan areas.....	13	18	18	27	38	48	61	7	9	14
<b>CURRENT USER</b>										
Total.....	6	12	17	17	25	27	35	4	3	6
Male.....	7	14	20	19	31	35	45	6	4	9
Female.....	5	11	13	14	19	20	26	2	2	3
White.....	(NA)	12	17	17	26	28	36	3	3	6
Black and other.....	(NA)	11	14	15	22	24	34	6	4	8
SMSA's with 1 million or more inhabitants <sup>2</sup> .....	9	18	22	20	29	31	39	5	5	8
SMSA's with under 1 million inhabitants <sup>2</sup> .....	7	11	17	14	28	29	36	4	3	6
Nonmetropolitan areas.....	3	8	10	15	16	18	30	1	1	4

NA Not available. <sup>1</sup> Current user data based on self designation as current user. <sup>2</sup> Refers to standard metropolitan statistical areas as defined in 1970 census publications. For definition of SMSA, see Appendix II.

Source of tables 206 and 207: Fishburne, Abelson, and Cisin, *The National Survey on Drug Abuse: Main Findings 1979*. Data from survey conducted for U.S. National Institute on Drug Abuse, 1979.

## No. 208. DRUG ABUSE TREATMENT UNITS: 1977 TO 1979

[In thousands, except as noted. As of April 30. Includes Puerto Rico and Virgin Islands. Treatment unit refers to a facility that specifically provides direct, on-site drug abuse treatment services to its clients. Based on a complete census of all known units; for 1979, the response rate was 95 percent]

ITEM	1977	1978	1979	ITEM	1977	1978	1979
Treatment units (number).....	3,147	3,248	3,590	<b>Clients—Cor.</b>			
Clients.....	<sup>1</sup> 234.6	213.4	202.7	Outpatient and day care.....	203.3	185.6	173.8
Mode of treatment:				Residential.....	18.5	17.7	16.8
Drug free <sup>2</sup> .....	147.2	132.3	125.1	Hospital inpatient.....	3.7	2.2	2.9
Detoxification <sup>3</sup> .....	5.8	4.6	5.6	Prison.....	9.1	7.9	9.2
Methadone maintenance <sup>4</sup> .....		75.2	70.9	Total funding (mil. dol.).....	510.7	518.2	510.6
Other maintenance.....	80.0	1.4	.7	Total staff.....	40.5	42.9	<sup>5</sup> 51.1

<sup>1</sup> Includes other modes of treatment, not shown separately. <sup>2</sup> Drug withdrawal without medication. <sup>3</sup> Drug withdrawal supported by use of prescribed medication. If methadone used, treatment for 21 days or less. <sup>4</sup> Continued use of methadone for a period of more than 21 days. <sup>5</sup> Includes staff for alcoholism treatment when drug abuse and alcoholism are treated at same unit.

Source: U.S. National Institute on Drug Abuse, *NIDA Statistical Series*, Series F, No. 7, *Executive Report*, April 1979.

## NO. 209. CIGARETTE SMOKING AND HEALTH CHARACTERISTICS: 1970 TO 1978

[For 1970 and 1978, civilian noninstitutional population 17 years old and over; for 1976, 20 years old and over.  
Based on Health Interview Survey; see Appendix III. Smoking data were obtained from self-respondents only]

SEX, AGE, AND HEALTH CHARACTERISTIC	Total population <sup>1</sup>	Persons who never smoked	Persons who ever smoked <sup>2</sup>	Former smokers	Total <sup>3</sup>	PRESENT SMOKERS			
						Cigarettes smoked per day (heaviest amount)			
						Under 15	15-24	25-34	35 or more
<b>1970: Both sexes (1,000)</b> .....	<b>133,132</b>	<b>59,675</b>	<b>72,678</b>	<b>23,859</b>	<b>48,819</b>	<b>15,517</b>	<b>20,628</b>	<b>5,256</b>	<b>5,707</b>
Percent of total.....	100.0	44.8	54.6	17.9	36.7	11.7	15.5	3.9	4.3
<b>Male (1,000)</b> .....	<b>62,310</b>	<b>19,144</b>	<b>42,773</b>	<b>15,861</b>	<b>26,912</b>	<b>7,163</b>	<b>11,458</b>	<b>3,160</b>	<b>3,959</b>
Percent of total.....	100.0	30.7	68.6	25.5	43.2	11.5	18.4	5.1	6.4
17-24 years (1,000).....	12,034	5,844	6,016	1,181	4,865	1,822	2,053	442	277
25-44 years (1,000).....	22,542	5,779	16,841	5,235	11,408	2,516	5,124	1,505	1,895
45-64 years (1,000).....	19,644	4,513	15,065	6,302	8,763	2,047	3,603	1,081	1,525
65 years and over (1,000).....	8,090	3,007	5,051	3,193	1,858	778	678	131	162
<b>Female (1,000)</b> .....	<b>70,822</b>	<b>40,531</b>	<b>29,905</b>	<b>7,998</b>	<b>21,907</b>	<b>8,354</b>	<b>9,170</b>	<b>2,096</b>	<b>1,748</b>
Percent of total.....	100.0	57.2	42.2	11.3	30.9	11.8	12.9	3.0	2.5
17-24 years (1,000).....	13,908	8,582	5,188	991	4,198	1,927	1,635	286	192
25-44 years (1,000).....	24,349	11,302	12,958	3,550	9,408	3,211	4,004	1,106	900
45-64 years (1,000).....	21,658	11,813	9,744	2,632	7,111	2,875	3,056	648	583
65 years and over (1,000).....	10,907	8,835	2,015	825	1,190	541	475	56	74
<b>1976: Both sexes (1,000)</b> .....	<b>137,478</b>	<b>54,396</b>	<b>72,004</b>	<b>25,967</b>	<b>46,035</b>	<b>13,705</b>	<b>20,149</b>	<b>5,755</b>	<b>5,849</b>
Male (1,000).....	64,556	16,563	40,121	16,379	23,741	5,685	10,517	3,467	3,821
Female (1,000).....	72,922	37,833	31,883	9,588	22,294	8,020	9,632	2,288	2,028
Restricted-activity days per person: <sup>4</sup>									
Male.....	19.8	15.8	22.6	25.7	20.4	24.4	18.4	20.2	
Female.....	24.4	23.5	25.0	28.6	23.6	23.6	22.3	26.7	
Bed-days per person: <sup>4</sup>									
Male.....	6.9	4.8	7.7	9.0	6.7	8.2	6.5	6.0	
Female.....	9.4	8.3	9.8	10.9	9.4	10.1	8.6	9.9	
Work-loss days per person: <sup>4</sup>									
Male.....	5.0	4.3	5.4	5.7	5.2	2.6	5.9	5.7	
Female.....	5.8	5.1	6.5	6.3	6.6	6.2	5.7	9.3	
<b>1978:<sup>5</sup> Both sexes (1,000)</b> .....	<b>155,452</b>	<b>70,854</b>	<b>83,895</b>	<b>31,547</b>	<b>52,348</b>	<b>15,170</b>	<b>22,028</b>	<b>6,699</b>	<b>7,666</b>
Percent of total.....	100.0	45.6	54.0	20.3	33.7	9.8	14.2	4.3	4.9
<b>Male (1,000)</b> .....	<b>73,381</b>	<b>25,471</b>	<b>47,510</b>	<b>20,102</b>	<b>27,408</b>	<b>6,323</b>	<b>11,466</b>	<b>4,145</b>	<b>5,061</b>
Percent of total.....	100.0	34.7	64.7	27.4	37.4	8.6	15.6	5.6	6.9
17-24 years (1,000).....	15,492	8,737	6,685	1,427	5,258	1,727	2,503	643	345
25-44 years (1,000).....	27,828	9,207	18,460	6,697	11,763	2,340	4,900	1,944	2,362
45-64 years (1,000).....	20,616	4,665	15,822	7,597	8,225	1,502	3,188	1,257	2,185
65 years and over (1,000).....	9,445	2,863	6,542	4,381	2,161	754	874	300	168
<b>Female (1,000)</b> .....	<b>82,070</b>	<b>45,383</b>	<b>36,385</b>	<b>11,445</b>	<b>24,940</b>	<b>8,847</b>	<b>10,561</b>	<b>2,554</b>	<b>2,606</b>
Percent of total.....	100.0	55.3	44.3	13.9	30.4	10.8	12.9	3.1	3.2
17-24 years (1,000).....	16,325	9,927	6,359	1,232	5,127	2,151	2,109	481	307
25-44 years (1,000).....	29,423	14,273	15,041	4,468	10,573	3,559	4,390	1,290	1,160
45-64 years (1,000).....	22,846	11,360	11,333	3,704	7,629	2,472	3,403	671	1,001
65 years and over (1,000).....	13,475	9,823	3,652	2,042	1,610	665	658	112	138

<sup>1</sup> Includes persons for whom smoking status is unknown.

<sup>2</sup> Excludes smokers with unknown present smoking status.

<sup>3</sup> Includes smokers for whom the number of cigarettes smoked per day is unknown. <sup>4</sup> For definition of terms, see footnotes 1, 3, and 4 of table 192. <sup>5</sup> Based on last 6 months of 1978.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, vol. 21, No. 3 supplement, June 1972; *Health, United States, 1978; Advance Data*, No. 52, Sept. 19, 1979, and unpublished data.

## NO. 210. COFFEE, ASPIRIN, AND SLEEPING PILLS—USERS AND NONUSERS: 1976

[Civilian noninstitutional population, 20 years old and over. Based on Health Interview Survey; see Appendix III]

ITEM	COFFEE USE		ITEM	ASPIRIN USE		ITEM	SLEEPING PILL USE	
	Male	Female		Male	Female		Male	Female
<b>Total persons<sup>1</sup> (mil.)</b> .....	<b>64.6</b>	<b>72.9</b>	<b>Total persons<sup>1</sup> (mil.)</b> .....	<b>64.6</b>	<b>72.9</b>	<b>Total persons<sup>1</sup> (mil.)</b> .....	<b>64.6</b>	<b>72.9</b>
Nonusers (mil.).....	10.6	14.9	Nonusers (mil.).....	17.0	15.3	Nonusers (mil.).....	51.8	60.2
Drinkers (mil.).....	46.1	54.9	Users (mil.).....	39.6	54.6	Users (mil.).....	4.5	9.4
Percent of total.....	71.4	75.3	Percent of total.....	61.3	74.9	Percent of total.....	7.0	12.9
1 cup or less <sup>2</sup> .....	18.2	21.8	Less than once a week.....	45.4	49.1	Less than once a week.....	3.3	6.2
2-5 cups <sup>2</sup> .....	40.5	42.9	Once a week or more.....	15.9	25.8	Once a week or more.....	3.7	6.7
6 cups or more <sup>2</sup> .....	12.7	10.6						

<sup>1</sup> Includes persons with use unknown. <sup>2</sup> Cups per day.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, No. 131.

## NO. 211. CIVILIAN PER CAPITA CONSUMPTION OF MAJOR FOOD COMMODITIES: 1960 TO 1979

[in pounds, except as indicated. Civilian consumption represents the residual after exports, nonfood use, military procurement, and ending stocks are subtracted from the sum of beginning stocks, domestic production, and imports. For estimating techniques, see Agriculture Handbook No. 365, vol. 5, April 1972. Based on Bureau of the Census estimates of the civilian population as of July 1. See also *Historical Statistics, Colonial Times to 1970*, series G 881-915]

COMMODITY	1960	1965	1970	1974	1975	1976	1977	1978	1979, prel.
<b>Meats (carcass weight).....</b>	173.6	175.6	192.6	190.5	182.4	194.8	193.0	186.1	181.3
Beef.....	85.1	89.5	113.7	116.8	120.1	129.3	125.9	120.1	107.6
Veal.....	6.1	5.2	2.9	2.3	4.2	4.0	3.9	3.0	2.0
Lamb and mutton.....	4.8	3.7	3.3	2.3	2.0	1.9	1.7	1.6	1.5
Pork (including lard).....	77.6	67.2	72.7	69.1	56.1	59.5	61.5	61.4	70.2
<b>Fish (edible weight).....</b>	10.3	10.8	11.8	12.2	12.3	13.1	12.9	13.6	13.3
Fresh and frozen.....	5.7	6.0	6.9	7.0	7.6	8.3	7.9	8.2	8.0
Canned.....	4.0	4.3	4.5	4.8	4.3	4.3	4.6	4.9	5.1
Cured.....	.8	.5	.4	.4	.4	.5	.4	.3	.4
<b>Poultry products:</b>									
Eggs, farm basis (number).....	335	314	311	286	279	274	272	278	283
Chicken (ready-to-cook).....	27.8	33.4	40.5	41.1	40.6	43.3	44.8	44.5	48.5
Turkey (ready-to-cook).....	6.2	7.5	8.0	8.9	8.6	9.2	9.3	9.3	10.1
<b>Dairy products:</b>									
Total milk fat solids.....	24.5	22.9	20.6	20.0	20.1	20.1	20.1	20.4	20.6
Total nonfat milk solids.....	43.4	40.6	39.8	38.2	38.0	38.7	38.3	38.0	38.4
Cheese.....	8.3	9.5	11.5	14.6	14.5	15.8	16.4	17.2	17.7
Condensed and evaporated whole milk.....	13.7	10.6	7.1	5.3	5.3	5.0	4.5	4.1	4.4
Fluid milk and cream.....	322	302	264	246	245	245	243	239	231
Ice cream (product weight).....	18.3	18.5	17.7	17.5	18.7	18.1	17.8	17.7	17.6
<b>Fats and oils, total (fat content).....</b>	45.3	47.8	53.0	53.2	53.4	56.0	54.0	55.6	57.2
Butter (actual weight).....	7.5	6.4	5.3	4.6	4.8	4.4	4.2	4.5	4.6
Margarine (actual weight).....	9.4	9.9	11.0	11.3	11.2	12.2	11.6	11.4	11.7
Lard.....	7.6	6.4	4.7	3.2	3.0	2.7	2.3	2.2	2.5
Shortening.....	12.6	14.1	17.3	17.0	17.3	18.1	17.6	18.2	19.2
Other edible fats and oils.....	11.5	14.1	17.8	20.3	20.3	22.0	21.6	22.6	23.2
<b>Fruits:</b>									
Fresh, total (farm weight).....	93.9	81.4	81.4	79.4	84.4	86.8	83.3	83.3	84.6
Citrus.....	33.7	29.2	28.6	27.7	29.7	29.4	26.7	27.0	24.9
Apples (commercial).....	18.3	16.3	18.3	16.1	17.9	19.0	16.9	16.1	17.3
Other (excluding melons).....	41.9	35.9	34.3	35.5	36.8	38.4	39.7	40.2	42.1
Processed:									
Canned fruit.....	22.6	23.5	23.3	19.6	19.3	19.2	19.9	19.1	19.5
Canned juices (excl. frozen).....	12.9	10.6	14.5	13.2	14.8	14.8	13.9	16.8	17.3
Frozen (including juices).....	9.2	8.7	9.3	12.1	14.2	13.8	14.0	12.6	12.3
Dried <sup>2</sup> .....	3.1	3.0	2.7	2.4	3.0	2.6	2.5	2.2	3.1
<b>Vegetables:</b>									
Fresh <sup>3</sup> (farm weight).....	105.7	98.3	98.8	100.0	99.0	100.4	98.7	100.5	103.8
Canned (excluding potatoes and sweet potatoes).....	43.4	46.9	51.2	53.3	52.5	53.5	53.8	52.8	53.5
Frozen (excluding potatoes).....	7.0	8.1	9.6	10.2	9.7	10.3	10.4	10.9	11.5
Potatoes (fresh equivalent) <sup>4</sup> .....	108	107	118	114	122	116	124	122	123
Frozen potatoes (product).....	2.7	5.7	11.1	13.2	13.9	14.8	15.6	17.6	18.1
Sweet potatoes (fresh equiv.) <sup>4</sup> .....	7.1	6.2	5.6	5.3	5.4	5.3	5.0	5.5	5.7
Dry edible beans.....	7.3	6.6	5.9	6.7	6.5	6.2	6.1	5.9	6.4
Melons (farm weight).....	25.8	23.6	23.3	18.9	19.1	20.5	21.2	22.3	21.4
Sugar (refined).....	97.4	97.0	101.8	96.5	90.2	94.6	95.7	93.1	91.3
<b>Grains:</b>									
Cornmeal and other <sup>5</sup> .....	14.3	15.1	15.8	16.0	16.1	16.1	16.1	16.1	16.1
Corn sirup and sugar.....	13.8	18.2	20.8	30.3	34.0	37.5	40.4	42.6	49.2
Oat food products.....	3.6	3.4	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Wheat flour <sup>6</sup> .....	118	113	110	110	113	118	108	112	117
Wheat breakfast cereals.....	2.8	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
Rye flour.....	1.1	1.1	1.2	1.3	1.0	1.0	.9	.8	.7
Rice, milled <sup>1</sup> .....	6.1	7.6	6.7	7.6	7.7	7.2	8.0	5.8	9.2
<b>Other:</b>									
Coffee (green beans).....	15.8	14.8	13.7	13.0	12.4	12.8	9.4	10.9	11.5
Tea.....	.6	.7	.7	.8	.8	.8	.9	.7	.7
Cocoa beans.....	3.6	4.0	3.9	3.7	3.3	3.8	3.4	3.4	3.3
Peanuts (shelled) <sup>7</sup> .....	4.9	5.6	5.9	6.4	6.5	6.3	6.4	6.9	7.1
INDEXES (1967=100)									
Food consumption <sup>8</sup> .....	97	98	102	103	102	105	104	104	105
Food consumed, pounds <sup>9</sup> .....	102	99	101	100	100	102	102	102	103

<sup>1</sup> For crop year beginning in previous year. <sup>2</sup> For pack year. <sup>3</sup> Excludes produce from home gardens. <sup>4</sup> Includes quantities canned and frozen. <sup>5</sup> Includes cornstarch, corn cereal, and hominy. <sup>6</sup> Comprises white, whole wheat, and semolina flour. <sup>7</sup> For crop year beginning September of year shown. <sup>8</sup> Retail weight equivalent, weighted by constant retail prices. <sup>9</sup> Retail weight equivalent.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service. In *Food Consumption, Prices, and Expenditures*, annual, and *National Food Review*, quarterly.

# NO. 212. NUTRITION—NUTRIENTS AVAILABLE FOR CIVILIAN CONSUMPTION PER CAPITA PER DAY AND INDEXES: 1950 TO 1979

[For 1950, excludes Alaska and Hawaii. Based on Bureau of the Census estimated population as of July 1. Quantities of nutrients computed by Science and Education Administration, Consumer and Food Economics Institute, on the basis of the estimates of per capita food consumption (retail weight), including estimates of produce of home gardens, prepared by the Economics, Statistics, and Cooperatives Service. No deduction made in nutrient estimates for loss or waste of food in the home, use for pet food, or for destruction or loss of nutrients during the preparation of food. Data include iron, thiamin, riboflavin, and niacin added to flour and cereal products; other nutrients added primarily as follows: Vitamin A value to margarine, milk of all types, milk extenders; vitamin B<sup>1</sup> to cereals, meal replacements, infant formulas; vitamin B<sup>2</sup> to cereals; ascorbic acid to fruit juices and drinks, flavored beverages and dessert powders, milk extenders, and cereals. Minus sign (–) denotes decrease. See *Historical Statistics, Colonial Times to 1970*, series G 851–856, for related data]

NUTRIENT AND UNIT	1950	1960	1965	1970	1975	1977	1978	1979, prel.	PERCENT CHANGE		
									1950– 1960	1960– 1970	1970– 1979
Food energy (calories).....	3,260	3,150	3,170	3,330	3,270	3,420	3,440	3,500	–3.4	5.7	5.1
Protein (grams).....	95	96	96	100	100	104	104	104	1.1	4.2	4.0
Fat (grams).....	145	144	146	159	155	161	163	168	–.7	10.4	5.7
Carbohydrate (grams).....	402	375	373	380	377	394	396	400	–6.7	1.3	5.3
Calcium (grams).....	.99	.98	.96	.94	.92	.94	.93	.95	–1.0	–4.1	1.1
Phosphorus (grams).....	1.54	1.52	1.51	1.53	1.51	1.56	1.56	1.57	–1.3	.7	2.6
Iron (milligrams).....	16.6	16.4	16.6	17.8	18.4	18.6	18.5	18.5	–1.2	8.5	3.9
Magnesium (milligrams).....	363	345	338	340	340	348	349	352	–5.0	–1.4	3.5
Vitamin A (int'l units).....	8,500	8,200	7,700	8,200	8,100	8,000	8,000	8,000	–3.5	–	–2.4
Thiamin (milligrams).....	1.90	1.85	1.81	1.92	1.95	2.11	2.11	2.17	–2.6	3.8	13.0
Riboflavin (milligrams).....	2.31	2.30	2.25	2.32	2.33	2.45	2.42	2.44	–.4	.9	5.2
Niacin (milligrams).....	20.4	21.4	22.2	24.0	24.5	26.4	26.6	26.7	4.9	12.1	11.2
Vitamin B <sub>6</sub> (milligrams).....	1.84	1.84	1.81	1.97	1.98	2.04	2.03	2.05	–	7.1	4.1
Vitamin B <sub>12</sub> (micrograms).....	8.7	9.0	9.0	9.7	9.4	9.7	9.5	9.3	3.4	7.8	–4.1
Ascorbic acid (milligrams).....	106	107	98	111	119	118	118	120	.9	3.7	8.1
INDEXES (1967=100)											
Food energy (calories).....	101	97	98	103	101	106	106	108	–4.0	6.2	4.9
Protein.....	96	97	97	101	101	105	105	105	1.0	4.1	4.0
Fat.....	95	95	96	105	102	108	107	111	–	10.5	5.7
Carbohydrate.....	107	100	100	102	101	105	106	107	–6.5	2.0	4.9

– Represents zero.

Source: U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, *Food Consumption, Prices, and Expenditures*, annual, and *National Food Review*, quarterly.

## NO. 213. DAILY PER CAPITA INTAKE OF SELECTED NUTRIENTS, BY RACE AND INCOME LEVELS: 1971–74

[Covers persons 1–74 years old. Represents average daily intake per person. For definition of median and mean, see Guide to Tabular Presentation. Based on findings of a sample survey in the first Health and Nutrition Examination Survey; see Appendix III. Subject to sampling variability; see source]

NUTRIENT	ALL PERSONS			PERSONS WITH INCOME <sup>1</sup> —					
	Total	White	Black	Below poverty level			Above poverty level		
				Total	White	Black	Total	White	Black
Calories, mean.....	1,994	2,017	1,825	1,817	1,858	1,742	2,021	2,032	1,886
Median.....	1,820	1,840	1,668	1,545	1,675	1,583	1,845	1,858	1,725
Protein (g), mean.....	77.83	78.92	69.65	68.76	70.42	65.65	79.11	79.67	72.50
Median.....	69.63	70.78	60.85	61.41	63.75	57.92	70.96	71.47	64.27
Calcium (mg), mean.....	867	897	654	782	849	658	882	903	652
As percent of standard.....	175	181	131	156	171	129	178	182	132
Median.....	727	755	553	653	722	558	740	760	549
Iron (mg), mean.....	11.95	12.10	10.80	10.70	10.90	10.26	12.13	12.21	11.21
As percent of standard.....	98	99	86	86	90	81	99	100	91
Median.....	10.58	10.69	9.55	9.38	9.58	8.79	10.77	10.81	9.97
Vitamin A (I.U.), mean.....	4,774	4,802	4,613	4,381	4,286	4,587	4,821	4,837	4,714
As percent of standard.....	150	150	150	145	142	152	151	151	151
Median.....	3,060	3,132	2,589	2,627	2,685	2,475	3,147	3,190	2,654
Vitamin C (mg), mean.....	86.32	86.99	80.01	72.05	69.33	75.97	88.53	88.83	83.31
As percent of standard.....	167	168	159	146	140	157	171	171	162
Median.....	59.23	60.42	49.09	41.37	39.89	46.61	61.97	62.92	50.92

<sup>1</sup> See text, p.436, and tables 769 and 771.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 11, No. 202.

## NO. 214. FEDERAL FOOD PROGRAMS: 1960 TO 1979

[For years ending June 30 except, beginning 1977, ending Sept. 30. Includes Puerto Rico, Guam, Trust Territory of the Pacific Islands, Virgin Islands, and, beginning 1965, American Samoa. All participation data are average monthly figures. Participants are not reported for special milk program, nutrition program for the elderly and charitable institutions program. Cost data are direct benefits to recipients; excludes expenditures for administrative and other operational costs. Beginning 1977 data are preliminary.]

PROGRAM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>Food stamp:</b>										
Participants (mil.).....	(x)	.4	4.3	12.2	12.9	17.1	18.5	17.1	16.0	17.7
Federal cost (mil. dol.).....	(x)	33	550	2,131	2,718	4,386	5,327	5,058	5,165	6,485
<b>National school lunch (NSLP):<sup>1</sup></b>										
Children participating (mil.).....	13.8	18.3	22.5	24.7	24.6	24.9	25.5	26.3	26.7	27.0
Federal cost <sup>2</sup> (mil. dol.).....	94	130	300	882	1,085	1,289	1,479	1,674	1,825	2,016
<b>School breakfast (SB):</b>										
Children participating (mil.).....	(x)	(x)	.5	1.2	1.4	1.8	2.2	2.5	2.8	3.3
Federal cost <sup>2</sup> (mil. dol.).....	(x)	(x)	11	34	59	86	113	146	178	223
<b>Special school milk:</b>										
Quantity reimbursed (mil. 1/2 pt.).....	2,385	2,967	2,902	2,561	1,426	2,139	2,305	2,247	1,986	1,871
Federal cost (mil. dol.).....	81	97	101	91	49	123	144	153	142	142
<b>Women-infant-children:<sup>3</sup></b>										
Participants (mil.).....	(x)	(x)	.1	.2	.2	.5	.7	1.0	1.2	1.6
Federal cost (mil. dol.).....	(x)	(x)	8	13	23	94	155	227	334	452
<b>Child care feeding:<sup>4</sup></b>										
Children participating (mil.).....	(x)	(x)	.1	.2	.3	.4	.4	.5	.5	.6
Federal cost (mil. dol.).....	(x)	(x)	* 8	* 45	* 62	* 99	88	124	149	181
<b>Summer feeding:<sup>5</sup></b>										
Children participating (mil.).....	(x)	(x)	.1	1.1	1.1	1.3	2.0	2.1	1.8	2.1
Federal cost (mil. dol.).....	(x)	(x)	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	72	126	107	135
<b>Needy family commodity:</b>										
Participants (mil.).....	3.9	5.3	3.8	2.7	2.0	.3	.1	.1	.1	.1
Federal cost (mil. dol.).....	59	227	289	255	205	56	11	11	13	12
<b>Federal cost of commodities donated to:</b>										
Schools (NSLP and SB) (mil. dol.).....	132	272	265	* 260	387	424	419	542	809	684
Charitable institutions (mil. dol.).....	16	30	23	27	25	20	12	18	29	52
Nutrition for the elderly (mil. dol.).....	(x)	(x)	(x)	(x)	(x)	2	9	19	38	50

X Not applicable.

<sup>1</sup> See headnote, table 217.

<sup>2</sup> Excludes cost of commodities donated to schools. Excludes State contributions to cost of meals. <sup>3</sup> Covers special supplemental food program (WIC) and commodity supplemental food program only.

<sup>4</sup> Program provides year-round subsidies to feed preschool children in child care centers and family day care homes. Between 1970 and 1975 program was combined with summer feeding program.

<sup>5</sup> Cost data for summer feeding program included with child care feeding program. <sup>6</sup> Program provides free meals to children in poor areas during summer months. See also footnote 4. <sup>7</sup> Excludes \$71 million cash in lieu of commodities.

Source: U.S. Dept. of Agriculture, Food and Nutrition Service. In *Agricultural Statistics*, annual, and unpublished data.

## NO. 215. FEDERAL FOOD STAMP PROGRAM: 1961 TO 1979

[Beginning 1975, includes Puerto Rico, Guam, and Virgin Islands. Data for U.S. are periodically revised; therefore data will not match U.S. totals in table 216]

YEAR (ending June 30)	Number of participating areas	Participants <sup>1</sup> (1,000)	Average monthly participation (1,000)	VALUE OF STAMPS ISSUED				
				Total retail value (mil. dol.)	Cost to participants (mil. dol.)	Federal Govt. contribution		
						Total (mil. dol.)	Percent of total retail value	Average monthly per participant
1961.....	6	50	50	1	(2)	(2)	46.1	\$7.68
1965.....	110	633	425	85	53	33	38.0	6.38
1970.....	1,747	6,457	4,340	1,090	540	550	50.4	10.55
1971.....	2,027	10,549	9,368	2,713	1,190	1,523	56.1	13.55
1972.....	2,126	11,594	11,109	3,309	1,512	1,797	54.3	13.48
1973.....	2,228	12,107	12,166	3,884	1,753	2,131	54.9	14.60
1974.....	2,818	13,524	12,862	4,727	2,009	2,718	57.5	17.61
1975.....	3,035	19,197	17,064	7,266	2,680	4,386	60.4	21.41
1976.....	3,035	17,982	18,549	8,700	3,373	5,327	61.2	23.93
1977, prel. <sup>2</sup>	3,035	16,050	17,058	8,340	3,282	5,058	60.7	24.71
1978, prel. <sup>2</sup>	3,037	15,120	16,044	8,311	3,146	5,165	62.2	26.83
1979, prel. <sup>2</sup>	2,950	19,265	17,710	7,230	* 745	6,485	( <sup>3</sup> )	30.51

Z Less than \$500,000.

<sup>1</sup> As of end of fiscal year.

<sup>2</sup> For year ending Sept. 30.

<sup>3</sup> As of Jan. 1, 1979, participants were no longer required to pay for a portion of total retail value.

Source: U.S. Dept. of Agriculture, Food and Nutrition Service. In *Agricultural Statistics*, annual.

# NO. 216. FEDERAL FOOD STAMP PROGRAM—PARTICIPATION AND VALUE, BY STATES AND OTHER AREAS: 1975 TO 1979

[Persons participating as of June 30 except, beginning 1977, as of Sept. 30. Cost data for years ending June 30 except, beginning 1977, ending Sept. 30. Covers distribution of food stamps. See headnote, table 215]

STATE OR OTHER AREA	PERSONS PARTICIPATING (1,000)					FEDERAL COST OF COUPONS ISSUED						
	1975	1976	1977, prel.	1978, prel.	1979, prel.	Total (mil. dol.)					Percent of total retail value <sup>1</sup>	
						1975	1976	1977, prel.	1978, prel.	1979, prel.	1975	1978, prel.
<b>Total</b> .....	<b>19,197</b>	<b>17,982</b>	<b>16,050</b>	<b>15,120</b>	<b>19,265</b>	<b>4,385.5</b>	<b>5,326.5</b>	<b>5,056.3</b>	<b>5,096.7</b>	<b>6,512.4</b>	<b>60.4</b>	<b>62.0</b>
Ala.....	393	344	301	294	788	102.8	112.6	98.8	103.4	173.7	66.0	67.1
Alaska.....	12	8	9	11	25	6.6	4.7	5.4	6.0	13.0	76.7	75.0
Ariz.....	166	159	123	97	129	40.8	50.1	44.6	38.4	53.6	70.7	70.3
Ark.....	267	226	196	188	275	74.9	75.5	66.0	63.9	89.5	65.0	63.8
Calif.....	1,517	1,432	1,259	1,210	1,343	360.8	392.8	332.9	333.8	432.6	58.6	52.5
Colo.....	162	153	137	112	139	44.2	52.4	48.4	44.8	52.1	67.2	66.1
Conn.....	189	184	169	155	165	34.5	47.7	44.7	40.4	46.7	50.7	49.3
Del.....	39	26	24	29	45	7.7	10.8	8.3	9.0	14.8	61.1	60.8
D.C.....	111	109	95	91	99	25.7	28.7	25.5	26.6	33.4	52.1	54.7
Fla.....	767	768	688	642	828	206.6	281.5	261.0	255.9	307.2	73.3	74.2
Ga.....	569	508	418	390	558	129.3	161.2	142.5	137.6	182.6	62.8	67.6
Hawaii.....	484	105	105	90	96	23.6	32.9	34.6	34.1	42.1	56.1	52.1
Idaho.....	39	47	30	30	48	10.4	11.1	9.9	10.0	17.5	65.0	64.9
Ill.....	948	960	876	827	837	235.7	302.3	282.1	284.7	319.6	56.8	60.1
Ind.....	255	217	177	169	275	58.2	69.2	58.6	56.2	87.5	63.3	64.1
Iowa.....	118	111	99	98	117	28.1	30.0	29.0	28.8	36.6	57.1	56.1
Kans.....	63	64	58	48	74	12.3	15.0	15.0	14.8	22.8	50.2	53.6
Ky.....	449	406	365	322	411	128.4	135.7	128.3	125.9	146.6	67.1	67.5
La.....	502	469	402	372	523	148.0	151.6	134.4	130.9	176.1	68.3	68.8
Maine.....	151	117	90	94	121	31.0	36.3	28.5	33.7	45.2	61.0	66.5
Md.....	273	264	239	232	298	76.2	86.0	83.8	85.1	107.7	65.0	65.8
Mass.....	560	589	583	522	411	81.7	144.9	148.9	155.4	163.3	50.2	58.8
Mich.....	685	677	599	566	705	123.4	143.7	130.5	125.2	171.1	48.0	48.3
Minn.....	191	176	151	119	143	40.3	46.2	42.9	39.2	44.2	54.4	55.5
Miss.....	390	355	312	298	576	109.7	115.6	106.3	104.9	150.4	67.4	66.8
Mo.....	299	250	199	189	281	82.0	85.4	68.5	64.2	89.1	62.1	62.6
Mont.....	38	31	24	23	33	10.9	10.3	8.7	8.5	11.8	66.9	66.9
Nebr.....	50	44	37	37	54	11.3	11.9	10.7	10.5	15.9	56.2	54.7
Nev.....	34	23	16	16	27	10.5	10.3	6.5	6.2	9.7	75.0	71.3
N.H.....	66	49	39	35	44	11.3	15.5	12.9	11.9	16.1	58.5	62.6
N.J.....	565	536	483	457	530	125.2	164.0	157.4	154.9	181.1	56.3	59.8
N. Mex.....	154	129	105	99	156	46.4	45.7	39.7	37.5	55.1	69.2	69.6
N.Y.....	1,398	1,494	1,431	1,458	1,635	209.9	302.6	382.6	389.1	521.9	40.6	49.5
N.C.....	537	460	387	345	518	121.9	144.8	133.4	128.2	171.5	63.4	65.1
N. Dak.....	19	17	14	14	20	4.5	4.5	4.3	4.6	6.3	57.7	62.2
Ohio.....	924	877	730	666	759	253.4	292.3	260.5	244.6	277.9	67.6	66.6
Okl.....	184	172	145	135	184	37.7	42.2	37.2	36.1	49.8	52.4	50.2
Oreg.....	208	167	140	139	160	56.1	50.9	42.3	44.2	67.1	65.2	61.2
Pa.....	893	858	826	803	904	174.9	204.7	205.2	228.2	293.4	47.6	51.7
R.I.....	104	89	74	65	83	18.0	22.5	18.5	26.8	24.0	46.9	59.6
S.C.....	421	320	250	240	370	121.3	115.3	89.5	85.1	121.0	70.4	67.3
S. Dak.....	31	28	23	21	37	7.7	8.2	7.5	7.2	11.0	57.0	63.7
Tenn.....	435	400	372	374	531	115.4	137.5	133.6	141.8	189.5	67.6	71.6
Tex.....	1,085	903	744	730	1,058	315.2	298.7	255.1	254.4	348.8	67.2	67.4
Utah.....	50	43	33	30	44	11.0	12.4	8.9	8.6	13.2	55.3	52.1
Vt.....	46	46	36	36	40	9.3	11.6	10.6	10.3	12.5	51.1	55.7
Va.....	293	252	213	197	318	63.2	74.9	69.6	66.6	96.1	60.5	62.9
Wash.....	239	227	201	174	203	69.0	70.4	62.5	57.0	71.5	61.5	57.2
W. Va.....	204	180	226	193	182	56.1	55.8	60.7	83.0	103.6	63.5	74.9
Wis.....	163	177	162	141	185	29.3	37.8	37.7	35.3	47.2	48.8	46.0
Wyo.....	11	10	7	7	11	2.7	2.8	2.6	2.4	3.5	62.8	64.9
P. Rico.....	1,800	1,672	1,595	1,446	1,815	261.0	541.1	597.3	641.1	747.9	72.0	77.8
Guam.....	21	30	22	18	20	3.5	13.6	9.8	8.5	9.7	59.3	63.4
Virgin Is.....	25	24	26	26	34	5.9	10.2	11.6	13.8	16.3	66.6	73.8

<sup>1</sup> See footnote 3, table 215.

Source: U.S. Dept. of Agriculture, Food and Nutrition Service. In *Agricultural Statistics*, annual; and unpublished data.

## NO. 217. SCHOOL LUNCH PROGRAM—STATES AND OTHER AREAS: 1970 TO 1979

[1970 and 1975, for year ending June 30; 1978 and 1979 for year ending Sept. 30. Comprises public and private elementary and secondary schools and residential child care institutions. Sponsors of school lunch programs are reimbursed by the Federal Government for local purchases of food on a basis of quality and quantity of meals served. December was peak month for participation in most States]

STATE OR OTHER AREA	PUPILS PARTICIPATING						FEDERAL COST (mil. dol.)			
	Number (1,000)				Percent of enrolled <sup>1</sup>		1970	1975	1978	1979
	1970	1975	1978	1979	1970	1979				
<b>Total</b> .....	<b>23,127</b>	<b>25,289</b>	<b>27,071</b>	<b>27,822</b>	<b>56.6</b>	<b>62.1</b>	<b>300.2</b>	<b>1,289.0</b>	<b>1,819.4</b>	<b>2,016.3</b>
<b>U.S.</b> .....	<b>22,720</b>	<b>24,740</b>	<b>26,439</b>	<b>27,228</b>	<b>56.6</b>	<b>61.7</b>	<b>292.5</b>	<b>1,253.0</b>	<b>1,754.4</b>	<b>1,947.4</b>
Alabama.....	596	634	638	655	73.8	82.3	12.6	36.7	49.2	53.7
Alaska.....	32	35	35	38	51.5	52.8	.3	1.2	1.6	2.0
Arizona.....	219	241	259	298	62.6	60.8	2.6	11.3	18.6	19.7
Arkansas.....	343	341	349	361	77.4	77.8	5.7	18.4	24.2	25.6
California.....	968	1,490	1,850	1,912	39.0	46.0	11.1	97.0	159.3	178.4
Colorado.....	261	257	295	315	48.3	58.7	2.9	11.1	17.1	18.3
Connecticut.....	221	221	285	312	42.5	70.0	2.0	10.7	19.6	20.9
Delaware.....	71	81	74	71	55.4	60.7	.6	3.3	4.3	4.5
District of Columbia.....	54	74	71	74	35.9	60.7	1.4	5.8	7.4	7.6
Florida.....	953	945	1,039	1,046	69.1	68.2	15.0	51.4	79.6	87.1
Georgia.....	916	845	912	1,263	80.6	81.7	14.2	50.2	68.0	70.7
Hawaii.....	148	157	164	159	79.9	89.2	1.3	4.8	8.2	9.0
Idaho.....	88	98	111	117	58.9	59.8	1.0	3.3	5.3	5.9
Illinois.....	979	1,079	1,124	1,123	44.5	56.5	11.3	55.6	74.1	82.6
Indiana.....	643	738	722	717	56.8	62.4	5.2	23.5	30.2	34.0
Iowa.....	454	465	470	470	70.0	79.1	4.3	14.5	19.5	21.0
Kansas.....	305	304	318	328	65.0	74.4	2.5	10.8	15.6	16.7
Kentucky.....	572	572	603	596	75.4	81.8	9.0	29.4	37.5	42.6
Louisiana.....	814	805	790	778	87.2	85.1	9.7	46.8	55.9	59.1
Maine.....	119	136	147	148	63.3	61.3	1.7	7.3	10.6	11.8
Maryland.....	371	396	433	446	41.3	54.1	4.3	20.2	27.6	31.0
Massachusetts.....	622	734	743	736	64.2	65.9	5.2	30.3	41.1	45.6
Michigan.....	654	712	847	921	37.7	50.2	6.5	33.5	47.8	54.9
Minnesota.....	586	571	589	588	63.5	63.0	5.9	20.7	27.5	29.0
Mississippi.....	450	439	442	463	82.7	91.0	8.4	31.5	40.4	44.0
Missouri.....	687	639	668	677	57.1	69.2	6.1	26.3	36.1	39.0
Montana.....	69	92	93	110	54.9	66.7	.8	3.3	5.2	5.6
Nebraska.....	211	195	203	207	57.5	73.9	2.2	6.7	9.5	10.6
Nevada.....	25	50	63	72	48.1	50.0	.2	2.0	3.6	4.1
New Hampshire.....	81	83	103	107	51.9	60.5	.7	3.4	5.9	6.5
New Jersey.....	380	557	659	691	42.8	50.0	3.8	29.9	46.8	54.0
New Mexico.....	181	179	180	181	61.1	64.4	2.4	11.8	13.2	16.8
New York.....	1,603	1,756	1,760	1,776	47.2	53.3	28.5	102.2	143.0	164.5
North Carolina.....	868	922	965	968	80.0	83.4	15.2	52.9	73.4	79.8
North Dakota.....	101	93	93	94	69.5	74.2	1.2	3.4	4.4	4.9
Ohio.....	967	1,102	1,190	1,164	57.6	53.4	10.1	48.6	65.7	74.6
Oklahoma.....	302	387	402	406	68.0	63.9	4.9	16.9	23.2	25.5
Oregon.....	240	240	262	272	60.9	61.5	2.1	9.8	13.9	15.3
Pennsylvania.....	1,105	1,154	1,248	1,255	48.1	57.6	9.5	54.3	75.6	84.0
Rhode Island.....	51	84	85	80	33.3	46.8	.7	4.5	6.3	6.8
South Carolina.....	527	480	515	511	86.2	80.3	10.4	32.6	42.0	44.9
South Dakota.....	94	101	99	109	72.7	79.3	1.0	4.2	5.7	6.3
Tennessee.....	614	626	672	663	75.1	74.8	9.5	31.9	42.9	48.0
Texas.....	1,189	1,522	1,659	1,710	46.7	63.9	14.2	89.3	122.9	140.3
Utah.....	183	199	223	233	59.4	73.6	2.2	6.6	10.2	11.7
Vermont.....	50	60	50	59	61.3	73.4	.6	2.7	3.8	4.2
Virginia.....	703	724	734	738	60.3	77.8	9.5	32.8	43.4	49.8
Washington.....	320	326	362	378	40.0	49.7	3.1	15.0	21.4	23.6
West Virginia.....	213	255	258	255	59.9	74.4	4.2	13.8	18.3	20.4
Wisconsin.....	495	505	524	534	51.0	57.4	4.3	17.6	25.7	27.1
Wyoming.....	42	41	49	53	63.3	54.6	.3	1.4	2.0	2.4
Puerto Rico.....	366	497	549	513	51.9	65.6	7.3	33.1	57.4	59.8
American Samoa.....	8	9	8	9	92.0	100.0	.1	.6	.7	1.2
Guam.....	16	21	19	21	70.0	65.6	.2	.8	1.3	1.5
Virgin Islands.....	16	23	21	26	87.0	78.8	.2	1.6	2.0	2.4
Trust Territory.....	-	-	35	25	-	73.2	-	-	3.6	4.0

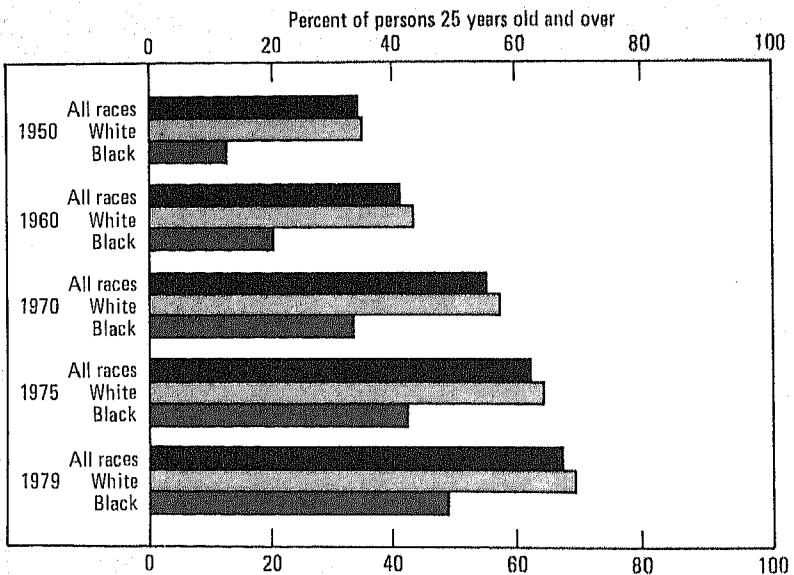
- Represents zero. <sup>1</sup> Pupils participating as percent of enrollment in schools participating in lunch program.

Source: U.S. Dept. of Agriculture, Food and Nutrition Service, *National School Lunch Program*, annual.



Figure 5.1

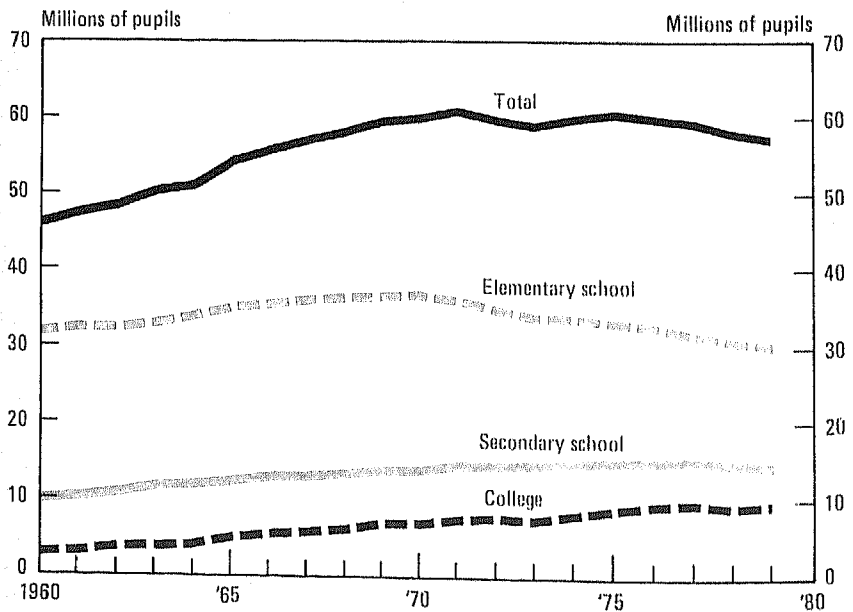
### Percent of Adults Who Have Completed Four Years of High School or More: 1950 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 238.

Figure 5.2

### School Enrollment, by Level of Instruction: 1960 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 227.

# 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, adult education, and vocational training. 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, page 1), and annual, biennial, and other periodic surveys conducted by the National Center for Education Statistics.

The census of population has 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 and illiteracy periodically since 1947.

The National Center for Education Statistics (NCES), part of the U.S. Department of Education (formerly part of the U.S. Department of Health, Education, and Welfare, which is now organized as the U.S. Department of Health and Human Services), 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 elementary, secondary, and higher education levels and is also the primary source for detailed information on Federal funds for education and related activities. Projections of enrollment, graduates, teachers, and expenditures appear in the annual *Projections of Education Statistics. The Condition of Education*, issued annually, presents a summary of information on education.

Other sources of data include special studies by NCES, publications of the National Education Association, 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 employment experience to educational attainment. Data on vocational training are available in *Vocational and Technical Education*, through 1978 issued annually by the U.S. Office of Education (see table 298).

**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 families' 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.

The second type, exemplified by data from NCES 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 NCES, the Census Bureau does not regularly include specialized vocational, trade, business, or correspondence schools in its surveys. Both the Bureau of the Census and NCES include kindergartens in enrollment figures; the Census Bureau also includes all nursery schools, while NCES includes only publicly financed ones. 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.**—NCES defines a *school* as "a division of the school system consisting of a group of pupils composed of one or more grade 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 or nonpublic 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 graduate or professional schools. Statistics reported by NCES 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 NCES 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 I.

#### NO. 218. PUBLIC AND PRIVATE SCHOOLS—NUMBER, BY LEVEL: 1940 TO 1979

(Prior to 1960, excludes Alaska and Hawaii. Schools classified by type of organization, rather than by grade-group; elementary excludes kindergarten and secondary includes junior high schools. See Appendix III and also *Historical Statistics, Colonial Times to 1970, series H 413-417 and H 689*)

TYPE OF SCHOOL	1940	1950	1960	1966	1970	1975	1976	1977	1978	1979
<b>Elementary (1,000)</b> .....	194.4	138.5	105.4	88.6	81.2	77.6	77.2	76.9	(NA)	(NA)
Public <sup>1</sup> (1,000).....	<sup>2</sup> 183.1	128.2	91.9	73.2	66.8	<sup>3</sup> 63.6	<sup>3</sup> 63.2	<sup>3</sup> 62.6	<sup>3</sup> 62.6	<sup>3</sup> 64.4
One-teacher (1,000).....	<sup>2</sup> 107.7	59.7	20.2	6.5	2.1	1.2	1.2	1.1	1.1	1.0
Nonpublic <sup>1 4</sup> (1,000).....	11.3	10.4	13.6	15.3	14.4	14.0	14.0	14.3	(NA)	(NA)
<b>Secondary (1,000)</b> .....	28.7	27.9	29.8	31.2	30.5	29.4	29.0	30.1	(NA)	(NA)
Public <sup>1</sup> (1,000).....	<sup>2</sup> 25.1	24.5	25.8	26.6	26.3	<sup>3</sup> 25.7	<sup>3</sup> 25.3	<sup>3</sup> 25.4	<sup>3</sup> 24.7	<sup>3</sup> 24.2
Nonpublic <sup>1 4</sup> (1,000).....	3.6	3.3	4.1	4.6	4.2	3.7	3.7	4.7	(NA)	(NA)
<b>Higher education <sup>5</sup></b> .....	1,708	1,851	2,008	2,230	2,525	2,747	2,765	2,785	2,826	2,871
Public.....	603	641	701	821	1,050	1,214	1,219	1,231	1,241	1,248
Private.....	1,105	1,210	1,307	1,409	1,465	1,533	1,546	1,554	1,585	1,623

NA Not available. <sup>1</sup> Includes combined elementary-secondary schools. <sup>2</sup> 1942 data. <sup>3</sup> Excludes special education schools for the handicapped and, beginning 1978, excludes alternative schools. <sup>4</sup> Partially estimated. <sup>5</sup> Universities, colleges, professional schools, teachers colleges, junior colleges, and U.S. service schools. Branch campuses not counted separately; considered part of parent institution.

Source: U.S. National Center for Education Statistics, 1940 and 1950, *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education; thereafter, *Digest of Education Statistics*, annual, and unpublished data.

## NO. 219. PUBLIC AND PRIVATE SCHOOLS, BY LEVEL—STATES AND OTHER AREAS: 1977

[Schools classified by type of organization, rather than by grade-group; elementary excludes kindergarten and secondary includes junior high school. See Appendix III]

STATE OR OTHER AREA	PUBLIC					PRIVATE				HIGHER EDUCATION <sup>4</sup>	
	Total	Elementary	Secondary	Combined elem.-sec.	Special schools for the handicapped	Total <sup>2</sup>	Elementary <sup>3</sup>	Secondary	Combined elem.-sec.	Public	Private
U.S.....	88,025	61,123	23,857	1,521	1,524	17,399	11,877	2,277	2,446	1,455	1,591
Alabama.....	1,328	520	298	510	-	233	109	15	105	36	20
Alaska.....	400	228	97	85	10	12	6	4	2	7	2
Arizona.....	866	639	217	2	8	175	113	16	22	17	5
Arkansas.....	1,188	715	471	-	2	80	47	9	22	16	13
California.....	7,372	5,492	1,543	5	332	1,736	1,187	236	221	134	118
Colorado.....	1,280	835	418	-	27	202	107	24	38	27	12
Connecticut.....	1,098	865	233	-	-	308	186	76	36	22	24
Delaware.....	200	136	52	-	12	57	32	9	12	6	4
District of Columbia.....	194	120	52	12	10	90	49	18	9	3	16
Florida.....	2,014	1,397	496	69	52	548	293	54	177	37	36
Georgia.....	1,766	1,284	438	44	-	243	74	21	137	35	32
Hawaii.....	227	162	52	8	5	89	57	12	11	8	3
Idaho.....	554	357	184	10	3	33	23	3	7	6	3
Illinois.....	4,552	3,155	1,276	8	113	1,186	935	134	63	61	88
Indiana.....	2,149	1,547	510	26	66	410	316	39	41	23	41
Iowa.....	1,889	1,147	717	-	25	265	210	36	17	22	39
Kansas.....	1,651	1,124	515	-	12	161	121	21	13	29	23
Kentucky.....	1,423	1,077	331	-	15	242	177	31	24	9	29
Louisiana.....	1,523	959	342	155	67	408	231	50	106	20	11
Maine.....	761	613	132	8	8	95	35	22	16	10	15
Maryland.....	1,347	990	315	21	21	355	222	55	58	30	22
Massachusetts.....	2,418	1,855	502	-	61	526	314	126	41	33	86
Michigan.....	4,030	2,865	1,054	24	87	761	564	90	93	45	49
Minnesota.....	1,723	1,094	621	8	-	419	339	41	33	30	35
Mississippi.....	1,074	646	428	-	-	163	56	15	89	27	18
Missouri.....	2,249	1,505	744	-	-	477	374	56	28	28	55
Montana.....	802	608	194	-	-	54	40	7	7	9	3
Nebraska.....	1,775	1,379	396	-	-	225	174	29	16	16	13
Nevada.....	263	158	80	16	9	19	13	3	3	5	1
New Hampshire.....	476	379	97	-	-	90	45	27	7	10	14
New Jersey.....	2,486	1,979	442	-	65	746	554	114	55	31	34
New Mexico.....	625	425	175	2	23	82	55	8	16	14	3
New York.....	4,354	2,976	1,183	110	85	1,785	1,226	263	207	84	203
North Carolina.....	2,034	1,425	496	85	28	237	101	18	115	73	43
North Dakota.....	773	455	318	-	-	54	41	8	3	11	4
Ohio.....	4,159	3,096	1,038	1	24	793	628	112	37	61	70
Oklahoma.....	1,857	1,154	700	-	3	64	40	9	10	29	15
Oregon.....	1,284	954	329	1	-	132	85	18	27	21	22
Pennsylvania.....	4,077	2,881	1,007	189	-	1,275	928	165	116	62	117
Rhode Island.....	345	268	66	1	10	103	66	15	12	3	9
South Carolina.....	1,163	795	341	-	27	139	49	9	81	32	24
South Dakota.....	794	563	220	-	11	87	56	14	5	7	10
Tennessee.....	1,711	1,226	340	60	85	227	96	35	74	23	44
Texas.....	5,395	3,249	2,101	-	45	592	438	63	71	92	54
Utah.....	577	388	159	2	28	24	15	5	3	8	5
Vermont.....	402	329	60	10	3	47	18	15	3	6	17
Virginia.....	1,783	1,237	465	48	33	282	152	36	83	39	33
Washington.....	1,688	1,085	531	21	51	207	142	20	38	33	15
West Virginia.....	1,278	898	337	-	43	89	45	10	13	17	11
Wisconsin.....	2,259	1,629	619	-	11	775	680	59	22	30	28
Wyoming.....	389	260	125	-	4	17	13	2	1	8	-
U.S. academies.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	9	-
Other areas.....	1,940	1,419	274	227	20	(NA)	(NA)	(NA)	(NA)	11	16
Puerto Rico.....	1,860	1,357	258	226	19	(NA)	(NA)	(NA)	(NA)	7	16
American Samoa.....	30	25	4	-	1	(NA)	(NA)	(NA)	(NA)	1	-
Canal Zone.....	17	12	5	-	-	(NA)	(NA)	(NA)	(NA)	1	-
Guam.....	-	-	-	-	-	(NA)	(NA)	(NA)	(NA)	1	-
Virgin Islands.....	33	25	7	1	-	(NA)	(NA)	(NA)	(NA)	1	-

- Represents zero. NA Not available. X Not applicable. <sup>1</sup> Includes junior, senior, junior-senior, and vocational/technical high schools. <sup>2</sup> Includes special education, vocational/technical, and alternative schools. <sup>3</sup> Includes middle schools. <sup>4</sup> Branch campuses counted as separate institutions.

Source: U.S. National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools, 1977-1978 School Year (Final)*; *Education Directory: Colleges and Universities, 1976-77*; and unpublished data from the "Survey of Nonpublic Elementary and Secondary Schools," 1976-77.

### NO. 220. SCHOOL ENROLLMENT, BY TYPE OF SCHOOL: 1960 TO 1979

[In thousands. For 1960, for school year; thereafter, as of fall of preceding year. See *Historical Statistics, Colonial Times to 1970*, series H 421-429, for kindergarten, elementary, and secondary. See also Appendix III]

TYPE OF SCHOOL	1960	1966	1970	1973	1974	1975	1976	1977	1978	1979
<b>Total</b> .....	<b>45,228</b>	<b>54,306</b>	<b>58,566</b>	<b>59,318</b>	<b>59,080</b>	<b>59,677</b>	<b>59,817</b>	<b>59,201</b>	<b>58,740</b>	<b>57,686</b>
<b>Kindergarten</b> <sup>1</sup> .....	<b>2,293</b>	<b>2,493</b>	<b>2,821</b>	<b>2,710</b>	<b>2,838</b>	<b>3,002</b>	<b>3,164</b>	<b>3,138</b>	<b>2,985</b>	<b>2,861</b>
Public.....	1,923	2,262	2,601	2,502	2,639	2,784	2,945	2,919	2,766	2,642
Nonpublic.....	<sup>a</sup> 354	<sup>a</sup> 212	<sup>a</sup> 200	<sup>a</sup> 190	<sup>a</sup> 180	<sup>a</sup> 200	<sup>a</sup> 200	<sup>a</sup> 200	<sup>a</sup> 200	<sup>a</sup> 200
<b>Grades 1-8</b> <sup>4</sup> .....	<b>30,119</b>	<b>33,266</b>	<b>34,190</b>	<b>33,034</b>	<b>32,297</b>	<b>32,019</b>	<b>31,118</b>	<b>30,664</b>	<b>30,182</b>	<b>29,381</b>
Public.....	25,679	28,315	29,996	29,342	28,694	28,137	27,542	27,087	26,450	25,813
Nonpublic.....	<sup>a</sup> 4,286	<sup>a</sup> 4,763	<sup>a</sup> 4,000	<sup>a</sup> 3,510	<sup>a</sup> 3,420	<sup>a</sup> 3,700	<sup>a</sup> 3,400	<sup>a</sup> 3,400	<sup>a</sup> 3,400	<sup>a</sup> 3,400
Residential schools for exceptional children <sup>5</sup> .....	<sup>a</sup> 59	<sup>a</sup> 85	<sup>a</sup> 87		<sup>a</sup> 85	<sup>a</sup> 85	<sup>a</sup> 83	<sup>a</sup> 83	<sup>a</sup> 81	<sup>a</sup> 79
Federal schools:										
For Indians.....	25	32	34	<sup>a</sup> 182	33	31	29	29	29	28
On Fed. installations.....	19	29	33		<sup>a</sup> 25	25	23	24	24	23
<b>Grades 9-12</b> <sup>4</sup> .....	<b>9,600</b>	<b>13,021</b>	<b>14,418</b>	<b>15,309</b>	<b>15,427</b>	<b>15,633</b>	<b>15,804</b>	<b>15,810</b>	<b>15,766</b>	<b>15,654</b>
Public high schools.....	8,485	11,597	13,022	13,909	14,076	14,132	14,304	14,310	14,233	14,156
Nonpublic high schools.....	<sup>a</sup> 1,035	<sup>a</sup> 1,329	<sup>a</sup> 1,300	<sup>a</sup> 1,300	<sup>a</sup> 1,250	<sup>a</sup> 1,400	<sup>a</sup> 1,400	<sup>a</sup> 1,400	<sup>a</sup> 1,400	<sup>a</sup> 1,400
Residential schools for exceptional children <sup>5</sup> .....	<sup>a</sup> 24	<sup>a</sup> 35	<sup>a</sup> 37		<sup>a</sup> 41	<sup>a</sup> 41	<sup>a</sup> 41	<sup>a</sup> 41	<sup>a</sup> 41	<sup>a</sup> 41
Federal schools:										
For Indians.....	12	14	12	<sup>a</sup> 100	11	11	11	11	<sup>a</sup> 10	10
On Fed. installations.....	1	<sup>a</sup> 3	<sup>a</sup> 3		4	4	3	3	<sup>a</sup> 3	3
<b>Higher education</b> <sup>7</sup> .....	<b>3,216</b>	<b>5,526</b>	<b>7,136</b>	<b>8,265</b>	<b>8,518</b>	<b>9,023</b>	<b>9,731</b>	<b>9,589</b>	<b>9,807</b>	<b>9,790</b>
Publicly controlled.....	1,832	3,624	5,112	6,159	6,389	6,838	7,426	7,275	7,415	7,363
Privately controlled.....	1,384	1,902	2,024	2,106	2,130	2,185	2,306	2,314	2,392	2,427

<sup>1</sup> Includes subcollegiate departments of institutions of higher education, residential schools for exceptional children, and Federal schools, not shown separately. <sup>2</sup> Data from U.S. Bureau of the Census, *Current Population Reports*, series P-20. <sup>3</sup> Estimated. <sup>4</sup> Includes subcollegiate departments of institutions of higher education, not shown separately. <sup>5</sup> Schools for blind, deaf, mentally deficient, epileptic, and delinquent. <sup>6</sup> Estimate based on 1958 survey. <sup>7</sup> Excludes subcollegiate departments of institutions of higher education. Degree-credit enrollment only.

Source: U.S. National Center for Education Statistics, *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education, and *Digest of Education Statistics*, annual.

### NO. 221. SCHOOL EXPENDITURES—PUBLIC AND NONPUBLIC, BY TYPE OF CONTROL AND LEVEL OF INSTRUCTION: 1960 TO 1980

[In billions of dollars, except percent. For school years ending in year shown. Includes nursery, kindergarten, and special programs when provided by school system. Nonpublic elementary and secondary school expenditures are estimates. 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. See also Appendix III]

CONTROL AND LEVEL	1960	1966	1970	1972	1973	1974	1975	1976	1977	1978	1979 <sup>1</sup>	1980 <sup>1</sup>
<b>Total</b> <sup>2</sup> .....	<sup>a</sup> 24.7	45.2	70.4	83.0	89.7	98.0	111.1	121.8	131.0	140.4	151.5	166.2
Percent of GNP <sup>4</sup> .....	5.0	6.3	7.3	7.5	7.3	7.2	7.6	7.5	7.3	7.1	6.7	NA
Current expenditures <sup>5</sup> .....	20.2	37.6	60.8	73.7	81.0	88.0	100.0	110.4	118.9	131.0	138.8	153.9
Capital outlay <sup>6</sup> .....	4.5	7.6	9.6	9.3	8.7	10.0	11.1	11.4	12.1	9.4	12.7	12.3
<b>Public</b> .....	<b>19.7</b>	<b>35.3</b>	<b>56.8</b>	<b>67.4</b>	<b>72.8</b>	<b>80.1</b>	<b>91.3</b>	<b>100.2</b>	<b>107.6</b>	<b>114.6</b>	<b>124.4</b>	<b>135.3</b>
Percent of total.....	79.8	78.1	80.7	81.2	81.6	81.3	82.2	82.3	82.1	81.7	82.1	81.4
Current expenditures <sup>5</sup> .....	16.1	29.4	49.0	59.8	65.7	71.9	82.1	90.7	97.5	106.7	113.9	125.2
Elementary and secondary <sup>7</sup> .....	13.1	22.7	36.3	43.8	48.0	52.2	59.3	65.2	70.6	76.0	80.6	88.9
Higher education.....	3.0	6.7	12.7	16.0	17.7	19.7	22.8	25.5	26.9	30.7	33.3	36.3
Capital outlay <sup>6</sup> .....	3.6	5.9	7.8	7.6	7.1	8.2	9.2	9.5	10.1	7.9	10.5	10.1
Elementary and secondary <sup>7</sup> .....	2.8	3.8	4.7	4.5	4.1	5.0	5.7	5.9	6.2	5.2	6.4	6.1
Higher education.....	.8	2.1	3.1	3.1	3.0	3.2	3.5	3.6	3.9	2.7	4.1	4.0
<b>Nonpublic</b> .....	<b>5.0</b>	<b>9.9</b>	<b>13.6</b>	<b>15.6</b>	<b>16.9</b>	<b>17.9</b>	<b>19.8</b>	<b>21.6</b>	<b>23.4</b>	<b>25.7</b>	<b>27.1</b>	<b>30.9</b>
Current expenditures <sup>5</sup> .....	4.1	8.2	11.8	13.9	15.3	16.1	17.9	19.7	21.4	24.3	24.9	28.7
Elementary and secondary <sup>7</sup> .....	1.7	3.0	4.2	5.0	5.7	5.9	6.6	7.3	8.0	9.0	9.3	11.1
Higher education.....	2.4	5.2	7.6	8.9	9.6	10.2	11.3	12.4	13.4	15.2	15.6	17.6
Capital outlay <sup>6</sup> .....	.9	1.7	1.8	1.7	1.6	1.8	1.9	1.9	2.0	1.5	2.2	2.2
Elementary and secondary <sup>7</sup> .....	.4	.5	.5	.5	.5	.6	.6	.7	.7	.8	.7	.8
Higher education.....	.5	1.2	1.3	1.2	1.1	1.2	1.3	1.2	1.3	.9	1.5	1.4

NA Not available. <sup>1</sup> Data are projections. <sup>2</sup> Excludes schools of nursing not affiliated with colleges and universities. <sup>3</sup> Excludes residential schools for exceptional children. <sup>4</sup> GNP=Gross national product; see section 14. Data are for fiscal years ending in years shown. <sup>5</sup> Includes interest. <sup>6</sup> Includes plant expansion. <sup>7</sup> See footnote 1, table 222.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual; and *Projections of Education Statistics to 1967-88*.

## No. 222. SCHOOL EXPENDITURES, BY SOURCE OF FUNDS: 1960 TO 1980

(See headnote, table 221)

TYPE OF SCHOOL AND SOURCE OF FUNDS	TOTAL (bil. dol.)										PERCENT			
	1960	1966	1970	1974	1975	1976	1977	1978	1979, est.	1980, est.	1960	1970	1975	1980, est.
<b>Total.....</b>	<b>24.7</b>	<b>45.2</b>	<b>70.4</b>	<b>98.0</b>	<b>111.1</b>	<b>121.8</b>	<b>131.0</b>	<b>140.4</b>	<b>151.5</b>	<b>166.2</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Federal.....	1.7	5.0	7.5	10.2	12.1	13.0	14.4	14.6	16.2	17.2	6.9	10.7	10.9	10.3
State.....	7.2	13.1	22.2	33.3	38.7	43.9	47.5	51.1	54.8	61.3	29.1	31.5	34.8	36.9
Local.....	9.7	15.1	22.6	29.8	33.2	35.1	37.1	39.1	42.7	45.2	39.3	32.1	29.9	27.2
All other.....	6.1	12.0	18.1	24.7	27.1	28.8	32.0	35.6	37.8	42.5	24.7	25.7	24.4	25.6
Public.....	19.7	35.3	56.8	80.1	91.3	100.2	107.8	114.6	124.4	135.3	79.8	80.7	82.2	81.4
Federal.....	1.2	3.8	5.8	8.3	9.8	10.5	11.7	11.7	13.1	13.8	4.8	8.2	8.8	8.3
State.....	7.2	13.0	22.1	33.0	38.4	43.6	47.2	50.8	54.4	60.9	29.1	31.4	34.6	36.6
Local.....	9.7	15.1	22.5	28.7	33.1	35.0	37.0	39.0	42.6	45.1	39.3	32.0	29.8	27.1
All other.....	1.6	3.6	6.4	9.1	10.0	11.1	11.7	13.2	14.3	15.5	6.5	9.1	9.0	9.3
Nonpublic.....	5.0	9.9	13.6	17.9	19.8	21.6	23.4	25.7	27.1	30.9	20.2	19.3	17.8	18.6
Federal.....	.5	1.4	1.7	1.9	2.3	2.5	2.7	2.9	3.1	3.4	2.0	2.4	2.1	2.0
State and local.....	(2)	.1	.2	.4	.4	.4	.4	.4	.5	.5	(2)	.2	.4	.3
All other.....	4.5	8.4	11.7	15.6	17.1	18.7	20.3	22.4	23.5	27.0	18.2	16.6	15.4	16.2
<b>Elementary and secondary<sup>1</sup>.....</b>	<b>18.0</b>	<b>30.0</b>	<b>45.7</b>	<b>63.7</b>	<b>72.2</b>	<b>79.1</b>	<b>85.5</b>	<b>90.9</b>	<b>97.0</b>	<b>107.1</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Federal.....	.7	2.1	3.4	5.1	6.0	6.5	7.4	7.7	7.9	9.1	3.9	7.4	8.3	8.5
State.....	5.6	9.6	15.8	23.6	27.2	31.1	34.0	36.0	38.3	42.9	31.1	34.6	37.7	40.1
Local.....	9.5	14.7	21.7	28.4	31.7	33.4	35.3	37.3	40.6	43.1	52.8	47.5	43.9	40.2
Public.....	15.9	26.5	41.0	57.2	65.0	71.1	76.8	81.2	87.0	95.4	88.3	89.7	90.0	89.1
Federal.....	.7	2.1	3.4	5.1	6.0	6.5	7.4	7.7	7.9	9.1	3.9	7.4	8.3	8.5
State.....	5.6	9.6	15.8	23.6	27.2	31.1	34.0	36.0	38.3	42.9	31.1	34.6	37.7	40.1
Local.....	9.5	14.7	21.7	28.4	31.7	33.4	35.3	37.3	40.6	43.1	52.8	47.5	43.9	40.2
All other.....	.1	.1	.1	.1	.1	.1	.1	.2	.2	.3	.2	.1	.3	.3
Nonpublic.....	2.1	3.5	4.7	6.5	7.2	8.0	8.7	9.6	10.0	11.7	11.7	10.3	10.0	10.9
<b>Institutions of higher education.....</b>	<b>6.7</b>	<b>15.2</b>	<b>24.7</b>	<b>34.3</b>	<b>38.9</b>	<b>42.7</b>	<b>45.5</b>	<b>49.5</b>	<b>54.5</b>	<b>59.1</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Federal.....	1.0	2.9	4.1	5.1	6.1	6.5	7.0	6.8	8.3	8.1	14.9	16.6	15.7	13.7
State.....	1.6	3.5	6.4	9.7	11.5	12.8	13.5	15.1	15.5	18.4	23.9	25.9	29.6	31.1
Local.....	.2	.4	.9	1.4	1.5	1.7	1.8	1.8	2.1	2.1	3.0	3.6	3.9	3.6
All other.....	3.9	8.4	13.3	18.1	19.8	21.7	23.2	25.8	27.6	30.5	58.2	53.9	50.3	51.6
Public.....	3.8	8.8	15.8	22.9	26.3	29.1	30.8	33.4	37.4	39.9	56.7	64.0	67.6	67.5
Federal.....	.5	1.5	2.4	3.2	3.6	4.0	4.3	4.0	5.2	4.7	7.5	9.7	9.8	8.0
State.....	1.6	3.4	6.3	9.4	11.2	12.5	13.2	14.8	16.1	18.0	23.9	25.5	28.8	30.5
Local.....	.2	.4	.8	1.3	1.4	1.6	1.7	1.7	2.0	2.0	3.0	3.2	3.6	3.4
All other.....	1.5	3.5	6.3	9.0	9.9	11.0	11.6	13.0	14.1	15.2	22.4	25.5	25.4	25.7
Nonpublic.....	2.9	6.4	8.9	11.4	12.6	13.6	14.7	16.1	17.1	19.2	43.3	36.0	32.4	32.5
Federal.....	.5	1.4	1.7	1.9	2.3	2.5	2.7	2.9	3.1	3.4	7.5	6.9	5.9	5.8
State and local.....	(2)	.1	.2	.4	.4	.4	.4	.4	.5	.5	(2)	.8	1.0	.8
All other.....	2.4	4.9	7.0	9.1	9.9	10.7	11.6	12.8	13.5	15.3	35.6	28.3	25.4	25.9

Z. Less than \$50 million or less than .05 percent. <sup>1</sup> Includes, in addition to regular schools, "other" schools such as residential schools for exceptional children, Federal schools for Indians, and federally operated schools on military posts; includes items not shown separately.

## No. 223. FEDERAL OUTLAYS FOR EDUCATION AND RELATED ACTIVITIES: 1960 TO 1980

(In millions of dollars. Years ending June 30 except, beginning 1977, ending Sept. 30. See headnote, table 224)

YEAR	OUTLAYS SUPPORTING EDUCATION IN EDUCATIONAL INSTITUTIONS						Other outlays for education and related activities
	Total	Grants				Loans, higher education	
		Total	Elementary, secondary	Higher education	Vocational technical		
1960.....	1,734	1,493	490	830	173	240	2,267
1966.....	5,844	5,232	2,037	2,272	923	612	3,820
1970.....	9,236	8,728	3,206	3,911	1,611	508	3,417
1972.....	11,782	11,433	3,840	5,172	2,421	349	4,516
1973.....	12,696	12,350	4,041	5,965	2,344	346	4,706
1974.....	13,090	12,739	4,140	6,064	2,535	352	4,847
1975.....	17,604	17,125	4,884	7,992	4,248	480	5,863
1976.....	19,553	19,157	4,679	9,675	4,803	396	6,235
1977.....	18,768	18,466	4,973	8,899	4,594	322	7,539
1978.....	21,606	20,804	5,715	9,386	5,703	802	7,373
1979, est.....	25,577	24,169	6,483	9,768	7,916	1,408	7,871
1980, est.....	25,618	24,392	7,090	9,739	7,563	1,226	8,279

Source of tables 222 and 223: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

## NO. 224. FEDERAL OUTLAYS FOR EDUCATION AND RELATED ACTIVITIES: 1970 TO 1980

[In millions of dollars, except percent. For years ending June 30 except, beginning 1977, ending September 30. Includes Puerto Rico and outlying areas. Minus sign (-) denotes repayments exceeding new loans for data on loans and decrease for percent change. For explanation of average annual percent change, see Guide to Tabular Presentation]

TYPE OF SUPPORT, LEVEL, AND PROGRAM AREA	1970	1974	1975	1976	1977	1978	1979, est.	1980, est.
<b>Federal outlays supporting education in educational institutions, total</b>	<b>9,236</b>	<b>13,090</b>	<b>17,604</b>	<b>19,553</b>	<b>18,788</b>	<b>21,607</b>	<b>25,577</b>	<b>25,618</b>
Average annual percent change <sup>1</sup>	8.4	9.1	34.5	11.1	-3.9	15.0	18.4	2
<b>Grants</b>	<b>8,728</b>	<b>12,739</b>	<b>17,125</b>	<b>19,157</b>	<b>18,466</b>	<b>20,805</b>	<b>24,169</b>	<b>24,392</b>
Elementary-secondary education <sup>2</sup>	3,206	4,140	4,884	4,679	4,973	5,715	6,483	7,050
School assistance—Fed. affected areas	556	559	619	599	765	766	800	619
Assistance for educationally deprived <sup>3</sup>	1,208	1,534	2,765	2,647	2,856	3,408	3,944	4,648
Economic opportunity <sup>4</sup>	534	730						
Supporting services <sup>5</sup>	296	274	361	336	377	398	380	364
Teacher Corps	18	33	39	24	3	8	15	13
Vocational education	181	290	351	388	309	297	374	423
Dependents' schools abroad	137	218	235	237	280	297	326	358
Public lands revenue for schools	82	110	149	131	93	256	275	379
Assistance in special areas <sup>6</sup>	79	160	136	118	84	79	69	67
Emergency school assistance	-	185	197	172	181	169	258	234
<b>Higher education</b>	<b>2,311</b>	<b>6,064</b>	<b>7,992</b>	<b>9,675</b>	<b>8,899</b>	<b>9,386</b>	<b>9,768</b>	<b>9,739</b>
Basic research in U.S. educational institutions proper <sup>7</sup>	984	1,300	1,271	1,421	1,638	2,111	2,432	2,642
Research facilities <sup>7</sup>	225	183	168	225	312	431	493	482
Training grants, fellowships, traineeships	896	998	1,082	1,037	985	1,126	1,065	925
Facilities and equipment	513	263	336	296	329	169	118	100
Other institutional support	178	364	428	488	458	474	555	577
Other student assistance	1,102	2,956	4,703	6,209	5,177	5,075	5,105	5,012
<b>Vocational-technical and continuing</b>	<b>1,611</b>	<b>2,535</b>	<b>4,248</b>	<b>4,803</b>	<b>4,594</b>	<b>5,703</b>	<b>7,918</b>	<b>7,563</b>
Vocational, technical and work training <sup>8</sup>	1,269	1,485	3,037	3,405	3,575	4,964	7,274	7,051
Veterans education	251	868	1,013	1,125	779	498	391	274
General continuing education <sup>9</sup>	86	148	152	208	190	187	201	196
Training of Federal, State, and local government personnel	25	24	47	65	51	54	52	42
<b>Loans, higher education</b>	<b>508</b>	<b>352</b>	<b>480</b>	<b>396</b>	<b>322</b>	<b>802</b>	<b>1,408</b>	<b>1,226</b>
Student loan program, NDEA <sup>10</sup>	197	363	449	420	378	748	1,428	1,246
College facilities loans <sup>11</sup>	311	-11	31	-24	-57	55	-20	-20
<b>Other Federal outlays for education and related activities, total</b>	<b>3,417</b>	<b>4,847</b>	<b>5,863</b>	<b>6,135</b>	<b>7,539</b>	<b>7,373</b>	<b>7,871</b>	<b>8,279</b>
Average annual percent change <sup>1</sup>	-1.8	9.1	21.0	4.6	22.9	-2.2	6.8	5.2
<b>Applied research and development</b>	<b>1,240</b>	<b>1,709</b>	<b>2,067</b>	<b>2,166</b>	<b>2,575</b>	<b>2,614</b>	<b>2,844</b>	<b>2,935</b>
School lunch and milk programs	676	1,267	1,832	1,890	2,792	2,665	2,783	2,930
Training of Federal military personnel	676	968	996	975	1,037	1,033	1,111	1,136
Professional training, military	492	720	727	694	754	739	776	801
U.S. military academies	184	247	270	282	282	294	335	335
Library services	170	207	228	250	211	221	256	254
<b>International education</b>	<b>193</b>	<b>95</b>	<b>93</b>	<b>74</b>	<b>105</b>	<b>81</b>	<b>120</b>	<b>145</b>
Educational exchange program	31	31	32	33	35	25	30	38
Agency for Int'l Development projects	111	47	45	33	46	44	71	85
ACTION <sup>12</sup> and other	51	17	16	8	24	12	19	22
<b>Other</b>	<b>460</b>	<b>602</b>	<b>646</b>	<b>780</b>	<b>819</b>	<b>758</b>	<b>758</b>	<b>865</b>
Agricultural extension service	125	193	219	219	239	240	239	231
Educational television facilities <sup>13</sup>	19	22	65	79	110	129	125	152
Education in Fed. correct'l institutions	5	10	11	12	7	5	6	6
Surplus personal property transferred <sup>14</sup>	246	256	216	295	262	197	216	238
Surplus real property transferred <sup>15</sup>	12	18	37	22	29	13	6	61

- Represents zero. <sup>1</sup> For 1970, change from 1966; for 1974, change from 1970. <sup>2</sup> Includes other outlays not shown separately. <sup>3</sup> Comprises Elementary and Secondary Education Act Title I, handicapped children, dropout prevention, bilingual education, Kandel School for the Deaf, and Model School for the Deaf. <sup>4</sup> Comprises Office of Economic Opportunity, Indian education, Appalachian Regional Development, Department of Labor, and Head Start preschool.

<sup>5</sup> Comprises supplemental centers school library materials, strengthening of State education agencies, captioned films for the deaf, dissemination of information, school counseling and testing, American Printing House for the Blind, planning and evaluation, and equipment and minor remodeling.

<sup>6</sup> Comprises funds for District of Columbia, Canal Zone (beginning 1980 excludes Canal Zone), territories and dependencies, Cuban refugees, and payments in lieu of taxes other than P.L. 81-874 and P.L. 81-815 for federally affected areas. <sup>7</sup> Data from U.S. National Science Foundation, *Federal Funds for Research, Development, and Other Scientific Activities*. Higher education data include university operated research and development centers.

<sup>8</sup> Comprises adult vocational education and manpower training programs.

<sup>9</sup> Comprises Office of Education, ACTION (see footnote 12), Social and Rehabilitation Service, Dept. of Housing and Urban Development, Office of Economic Development, and additional programs for continuing education. <sup>10</sup> Comprises National Defense Education Act and insured student loans. <sup>11</sup> Comprises net amounts (loans minus loan repayments) for Dept. of Housing and Urban Development college housing loans, Office of Education college facilities loans, and Federal loans to the District of Columbia for school construction.

<sup>12</sup> Previously Peace Corps. <sup>13</sup> Includes education broadcasting facilities. <sup>14</sup> Acquisition cost. <sup>15</sup> Fair value.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

### NO. 225. ENROLLMENT IN PUBLIC AND NONPUBLIC SCHOOLS, BY LEVEL: 1965 TO 1978, AND PROJECTIONS, 1980 AND 1985

[In thousands. As of fall. Elementary covers kindergarten through 8th grade; secondary, grades 9 through 12 and postgraduates in secondary schools. Both are for regular day schools. Data 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]

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1980	1985
<b>Total</b> .....	<b>54,394</b>	<b>59,890</b>	<b>59,931</b>	<b>60,277</b>	<b>60,976</b>	<b>60,328</b>	<b>59,863</b>	<b>58,870</b>	<b>57,407</b>	<b>55,106</b>
Public.....	46,143	52,337	52,849	53,042	53,626	52,969	52,423	51,395	49,820	47,522
Nonpublic.....	8,251	7,553	7,083	7,235	7,350	7,359	7,437	7,475	7,587	7,584
Elementary.....	35,463	36,677	34,953	34,521	34,087	33,606	32,936	32,055	30,989	30,248
Public.....	30,563	32,577	31,353	30,921	30,487	30,006	29,336	28,455	27,389	26,448
Nonpublic.....	4,900	4,100	3,600	3,600	3,600	3,600	3,600	3,600	3,600	3,800
Secondary.....	13,010	14,632	15,377	15,532	15,704	15,710	15,640	15,556	14,807	13,500
Public.....	11,610	13,332	14,077	14,132	14,304	14,310	14,240	14,156	13,307	12,100
Nonpublic.....	1,400	1,300	1,300	1,400	1,400	1,400	1,400	1,400	1,500	1,400
College.....	5,921	8,581	9,602	10,224	11,185	11,012	11,286	11,259	11,611	11,358
Public.....	3,970	6,428	7,420	7,989	8,835	8,653	8,847	8,784	9,124	8,974
Nonpublic.....	1,951	2,153	2,183	2,235	2,350	2,359	2,437	2,475	2,487	2,384

Source: U.S. National Center for Education Statistics, *Projections of Education Statistics to 1987-88*; and unpublished data.

### NO. 226. ENROLLMENT IN PUBLIC AND PRIVATE SCHOOLS: 1960 TO 1979

[In millions, except percent. See headnote, table 227]

YEAR	PUBLIC						PRIVATE					
	Total	Nurs- ery	Kinder- garten	Ele- mentary	High school	Col- lege	Total	Nurs- ery	Kinder- garten	Ele- mentary	High school	Col- lege
1960.....	39.0	(NA)	27.5		9.2	2.3	7.2	(NA)	4.9		1.0	1.3
1965.....	45.5	.1	2.4	27.6	11.5	3.8	9.2	.4	.6	4.9	1.5	1.8
1970.....	52.2	.3	2.6	30.0	13.5	5.7	8.1	.8	.5	3.9	1.2	1.7
1975.....	52.8	.6	2.9	27.2	14.5	7.7	8.2	1.2	.5	3.3	1.2	2.0
1976.....	52.4	.5	3.0	26.7	14.5	7.7	8.1	1.1	.5	3.1	1.2	2.2
1977.....	51.6	.6	2.7	26.0	14.5	7.9	8.4	1.1	.5	3.3	1.2	2.3
1978.....	50.0	.6	2.5	25.3	14.2	7.4	8.6	1.2	.5	3.2	1.2	2.4
1979.....	49.7	.6	2.6	24.8	14.0	7.7	8.2	1.2	.4	3.1	1.1	2.3
Percent White:												
1960.....	85.7	(NA)	84.3		88.2	92.2	95.7	(NA)	95.3		96.7	96.3
1965.....	85.0	73.2	85.5	83.3	86.5	92.9	95.5	91.1	90.9	96.4	95.7	95.3
1970.....	84.5	59.5	84.4	83.1	85.8	90.7	93.4	91.1	88.2	94.1	96.1	92.8
1975.....	83.2	66.3	82.9	82.3	83.5	87.3	91.6	88.6	89.1	93.3	94.2	89.9
1979.....	82.3	67.3	79.8	81.5	82.5	86.7	89.7	90.0	85.2	89.6	92.1	89.3

NA Not available.

### NO. 227. SCHOOL ENROLLMENT, BY SEX AND BY LEVEL: 1960 TO 1979

[In millions. As of Oct. For 1960, covers civilian noninstitutional population 5 to 34 years old; thereafter, 3 to 34 years old. 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 <sup>1</sup>			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
1965.....	54.7	28.5	26.2	35.5	18.2	17.3	13.0	6.5	6.5	5.7	3.5	2.2
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
1973.....	59.4	30.9	28.5	34.5	17.7	16.8	15.3	7.8	7.5	8.2	4.7	3.5
1974.....	60.3	31.2	29.1	34.4	17.6	16.8	15.4	7.8	7.6	8.8	4.9	3.9
1975.....	61.0	31.6	29.4	33.8	17.3	16.5	15.7	8.0	7.7	9.7	5.3	4.4
1976.....	60.5	31.2	29.3	33.3	17.0	16.2	15.7	8.1	7.7	10.0	5.3	4.7
1977.....	60.0	30.8	29.2	32.4	16.8	15.8	15.8	8.0	7.8	10.2	5.4	4.8
1978.....	58.6	30.1	28.6	31.5	16.1	15.3	15.5	7.8	7.6	9.8	5.1	4.7
1979.....	57.9	29.5	28.3	30.9	15.9	15.0	15.1	7.7	7.4	10.0	5.0	5.0

<sup>1</sup> Beginning 1965, includes nursery schools, not shown separately.

Source of tables 226 and 227: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 346, and earlier reports; and unpublished data.



# NO. 228. SCHOOL ENROLLMENT—ELEMENTARY, SECONDARY, AND HIGHER EDUCATION, BY STATES AND OTHER AREAS: 1975 TO 1978

[In thousands. As of fall of year. Public elementary refers to preprimary through grade 8; secondary, to grades 9-12 and postgraduates; includes unclassified. Data for nonpublic elementary and secondary schools not revised; for revised U.S. totals, see table 225. See also Appendix III]

STATE OR OTHER AREA	ELEMENTARY <sup>1</sup>				SECONDARY <sup>1</sup>				HIGHER EDUCATION <sup>2</sup>			
	Public		Nonpublic <sup>2,3</sup>		Public		Nonpublic <sup>3</sup>		Public		Nonpublic	
	1975	1978 <sup>4</sup>	1975	1977	1975	1978 <sup>4</sup>	1975	1977	1975	1978 <sup>4</sup>	1975	1978 <sup>4</sup>
<b>United States.....</b>	<b>30,545</b>	<b>28,455</b>	<b>3,400</b>	<b>2,796</b>	<b>14,294</b>	<b>14,156</b>	<b>1,200</b>	<b>965</b>	<b>8,835</b>	<b>8,786</b>	<b>2,350</b>	<b>2,474</b>
<b>New England.....</b>	<b>1,749</b>	<b>1,575</b>	<b>239</b>	<b>155</b>	<b>807</b>	<b>775</b>	<b>126</b>	<b>102</b>	<b>372</b>	<b>366</b>	<b>336</b>	<b>347</b>
Maine.....	172	163	10	7	79	78	8	7	31	30	9	11
New Hampshire.....	120	117	17	3	54	55	8	6	24	23	17	18
Vermont.....	73	70	6	3	31	32	6	4	17	18	12	12
Massachusetts.....	* 813	721	121	78	385	360	59	46	174	169	211	216
Rhode Island.....	121	108	24	18	55	53	9	7	32	33	32	30
Connecticut.....	450	397	61	46	203	197	37	32	94	93	55	59
<b>Middle Atlantic.....</b>	<b>4,760</b>	<b>4,211</b>	<b>1,007</b>	<b>789</b>	<b>2,345</b>	<b>2,267</b>	<b>348</b>	<b>271</b>	<b>1,129</b>	<b>1,059</b>	<b>643</b>	<b>678</b>
New York.....	* 2,281	2,000	497	385	1,120	1,094	173	121	614	542	391	414
New Jersey.....	* 988	884	180	142	460	453	55	52	228	227	69	72
Pennsylvania.....	1,481	1,327	330	263	765	720	120	98	287	281	183	192
<b>East No. Central.....</b>	<b>5,969</b>	<b>5,325</b>	<b>898</b>	<b>690</b>	<b>2,856</b>	<b>2,788</b>	<b>293</b>	<b>211</b>	<b>1,588</b>	<b>1,616</b>	<b>383</b>	<b>395</b>
Ohio.....	1,535	1,397	212	184	757	706	75	63	337	351	99	100
Indiana.....	851	721	75	50	375	393	21	14	159	168	54	54
Illinois.....	1,539	1,395	300	201	731	705	98	60	444	465	140	146
Michigan.....	1,419	1,253	174	126	654	658	65	45	437	423	60	63
Wisconsin.....	625	560	136	130	339	327	34	29	211	209	30	32
<b>West No. Central.....</b>	<b>2,315</b>	<b>2,132</b>	<b>278</b>	<b>235</b>	<b>1,188</b>	<b>1,136</b>	<b>78</b>	<b>78</b>	<b>611</b>	<b>623</b>	<b>175</b>	<b>186</b>
Minnesota.....	573	513	83	63	307	295	22	16	149	149	36	40
Iowa.....	408	369	46	39	204	199	18	16	84	89	38	40
Missouri.....	646	594	82	83	319	306	11	28	159	152	65	69
North Dakota.....	84	78	8	7	48	44	3	2	28	30	2	2
South Dakota.....	100	90	8	6	51	48	3	2	22	23	8	8
Nebraska.....	210	194	28	23	105	103	12	10	61	67	13	15
Kansas.....	294	293	24	13	154	140	8	3	108	114	13	14
<b>South Atlantic.....</b>	<b>4,900</b>	<b>4,706</b>	<b>281</b>	<b>247</b>	<b>2,201</b>	<b>2,176</b>	<b>114</b>	<b>83</b>	<b>1,242</b>	<b>1,278</b>	<b>306</b>	<b>332</b>
Delaware.....	84	70	12	10	43	41	5	5	27	26	5	4
Maryland.....	607	536	77	65	274	274	28	23	177	187	29	28
Dist. of Col.....	94	80	12	11	36	34	9	5	15	14	69	68
Virginia.....	759	731	40	28	344	324	20	10	215	226	29	32
West Virginia.....	283	270	7	7	121	126	4	3	68	68	11	11
North Carolina.....	818	801	20	13	367	362	5	3	201	205	50	58
South Carolina.....	443	429	22	11	186	196	5	3	108	102	25	28
Georgia.....	751	762	19	17	340	332	10	5	143	139	31	36
Florida.....	1,061	1,027	72	85	490	487	29	27	288	311	57	66
<b>East So. Central.....</b>	<b>1,977</b>	<b>1,943</b>	<b>135</b>	<b>96</b>	<b>863</b>	<b>878</b>	<b>63</b>	<b>37</b>	<b>481</b>	<b>484</b>	<b>91</b>	<b>103</b>
Kentucky.....	475	478	41	45	217	215	15	16	105	108	20	25
Tennessee.....	626	616	20	19	251	257	11	13	140	149	42	46
Alabama.....	520	510	37	20	239	252	12	4	146	141	19	21
Mississippi.....	356	340	37	12	156	154	24	4	90	87	10	11
<b>West So. Central.....</b>	<b>3,309</b>	<b>3,278</b>	<b>194</b>	<b>185</b>	<b>1,401</b>	<b>1,451</b>	<b>65</b>	<b>53</b>	<b>854</b>	<b>897</b>	<b>134</b>	<b>133</b>
Arkansas.....	317	314	8	7	139	143	3	2	56	62	9	10
Louisiana.....	592	566	94	84	255	251	33	27	132	130	21	22
Oklahoma.....	408	399	8	6	186	190	3	2	124	128	22	21
Texas.....	1,992	2,000	84	88	821	867	26	22	542	577	82	79
<b>Mountain.....</b>	<b>1,532</b>	<b>1,550</b>	<b>71</b>	<b>68</b>	<b>709</b>	<b>731</b>	<b>25</b>	<b>19</b>	<b>517</b>	<b>528</b>	<b>64</b>	<b>69</b>
Montana.....	115	109	7	4	57	55	3	2	28	28	3	3
Idaho.....	133	139	4	3	63	64	2	1	31	31	8	9
Wyoming.....	59	65	2	2	29	29	(z)	(z)	18	20	-	-
Colorado.....	364	374	24	18	185	184	8	6	136	138	13	15
New Mexico.....	183	187	9	11	91	92	3	3	48	52	4	4
Arizona.....	* 350	350	20	24	143	160	7	5	169	172	5	5
Utah.....	212	228	3	2	97	97	1	1	57	55	31	34
Nevada.....	96	97	2	4	44	50	1	1	30	33	(z)	(z)
<b>Pacific.....</b>	<b>4,030</b>	<b>3,735</b>	<b>298</b>	<b>332</b>	<b>1,919</b>	<b>1,954</b>	<b>89</b>	<b>110</b>	<b>2,007</b>	<b>1,916</b>	<b>214</b>	<b>230</b>
Washington.....	530	513	30	25	255	256	12	8	203	249	25	26
Oregon.....	321	318	17	13	156	154	6	5	130	130	15	17
California.....	2,993	2,729	237	277	1,427	1,459	66	92	1,618	1,468	170	183
Alaska.....	65	63	(z)	1	25	28	(z)	(z)	13	26	1	(z)
Hawaii.....	121	113	14	16	56	57	6	5	43	44	3	4
<b>Other areas <sup>7</sup>.....</b>	<b>524</b>	<b>557</b>	<b>46</b>	<b>(NA)</b>	<b>247</b>	<b>194</b>	<b>19</b>	<b>(NA)</b>	<b>62</b>	<b>57</b>	<b>44</b>	<b>75</b>
Puerto Rico.....	467	534	38	(NA)	230	187	16	(NA)	53	49	44	75
Virgin Islands.....	20	19	3	(NA)	5	6	1	(NA)	2	2	-	-

- Represents zero. NA Not available. Z Fewer than 500. <sup>1</sup> Excludes data for private residential schools for exceptional children and subcollegiate departments of higher education. <sup>2</sup> Elementary includes middle schools. <sup>3</sup> Excludes combined elementary and secondary schools. <sup>4</sup> Estimated. <sup>5</sup> See headnote, table 279. <sup>6</sup> Includes U.S. military academies not shown separately. <sup>7</sup> 1978 elementary and secondary includes Commonwealth of the Northern Mariana, other data shown include American Samoa, Canal Zone, Guam, and Trust Territories of the Pacific Islands.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual, and unpublished data.

## NO. 229. SCHOOL ENROLLMENT, BY AGE, SEX, AND RACE: 1965 TO 1979

[In thousands. As of October. Covers persons 3 to 34 years old enrolled in nursery school and above. Data relate to civilian noninstitutional population and are based on Current Population Survey; see text, p. 1. See *Historical Statistics, Colonial Times to 1970*, series H 442-476, for enrollment 5 to 34 years old]

YEAR AND AGE	TOTAL <sup>1</sup>		MALE		FEMALE		WHITE		BLACK	
	Popu- lation	Enroll- ment	Popu- lation	Enroll- ment	Popu- lation	Enroll- ment	Popu- lation	Enroll- ment	Popu- lation	Enroll- ment
<b>1965, total</b> .....	<b>98,497</b>	<b>54,699</b>	<b>48,468</b>	<b>28,519</b>	<b>50,031</b>	<b>26,180</b>	<b>85,380</b>	<b>47,450</b>	<b>12,098</b>	<b>6,675</b>
3 and 4 years.....	8,387	886	4,281	438	4,106	448	7,073	731	<sup>2</sup> 1,314	<sup>2</sup> 155
5 and 6 years.....	8,293	7,039	4,215	3,577	4,078	3,462	7,058	6,054	1,138	900
7-9 years.....	12,248	12,164	6,221	6,180	6,027	5,984	10,489	10,423	1,645	1,627
10-13 years.....	15,381	15,286	7,808	7,752	7,573	7,634	13,239	13,159	2,005	1,991
14 and 15 years.....	7,059	6,980	3,581	3,546	3,478	3,434	6,096	6,034	900	883
16 and 17 years.....	6,925	6,053	3,487	3,067	3,438	2,986	6,027	5,293	809	679
18 and 19 years.....	6,329	2,930	3,040	1,689	3,289	1,241	5,576	2,628	674	267
20-24 years.....	12,445	2,360	5,640	1,559	6,805	801	10,929	2,206	1,367	123
25-34 years.....	21,432	1,001	10,195	711	11,237	290	18,893	822	2,246	50
<b>1970, total</b> .....	<b>106,996</b>	<b>60,357</b>	<b>52,627</b>	<b>31,413</b>	<b>54,369</b>	<b>28,944</b>	<b>92,029</b>	<b>51,719</b>	<b>13,633</b>	<b>7,829</b>
3 and 4 years.....	7,135	1,461	3,641	771	3,494	691	5,922	1,181	1,100	250
5 and 6 years.....	7,820	7,000	3,988	3,545	3,832	3,455	6,530	5,899	1,176	999
7-9 years.....	12,550	12,462	6,400	6,355	6,149	6,107	10,570	10,495	1,801	1,789
10-13 years.....	16,618	16,481	8,432	8,333	8,186	8,148	14,191	14,059	2,225	2,209
14 and 15 years.....	8,019	7,869	4,065	3,992	3,954	3,877	6,884	6,761	1,050	1,025
16 and 17 years.....	7,699	6,927	3,875	3,539	3,824	3,388	6,633	6,008	877	837
18 and 19 years.....	6,958	3,322	3,349	1,821	3,609	1,501	6,009	2,924	878	352
20-24 years.....	15,594	3,359	7,036	2,062	8,558	1,297	13,599	3,055	1,814	258
25-34 years.....	24,603	1,477	11,840	996	12,763	480	21,691	1,326	2,612	109
<b>1975, total</b> .....	<b>113,445</b>	<b>60,969</b>	<b>56,289</b>	<b>31,555</b>	<b>57,156</b>	<b>29,414</b>	<b>96,815</b>	<b>51,430</b>	<b>14,543</b>	<b>8,400</b>
3 and 4 years.....	6,676	2,101	3,409	1,052	3,267	1,049	5,518	1,697	1,007	344
5 and 6 years.....	6,956	6,590	3,546	3,346	3,410	3,244	5,795	5,494	1,029	972
7-9 years.....	10,354	10,287	5,277	5,236	5,078	5,051	8,654	8,600	1,505	1,494
10-13 years.....	15,936	15,817	8,119	8,031	7,817	7,786	13,387	13,292	2,266	2,265
14 and 15 years.....	8,453	8,300	4,300	4,231	4,153	4,070	7,145	7,023	1,182	1,151
16 and 17 years.....	8,313	7,398	4,201	3,811	4,112	3,587	7,043	6,289	1,137	987
18 and 19 years.....	8,024	3,765	3,891	1,940	4,133	1,825	6,855	3,185	1,030	485
20-24 years.....	18,363	4,121	8,833	2,340	9,530	1,766	15,848	3,603	2,183	435
25-34 years.....	30,370	2,589	14,714	1,573	15,656	1,016	26,571	2,247	3,186	266
<b>1979, total</b> .....	<b>114,904</b>	<b>57,854</b>	<b>57,059</b>	<b>29,535</b>	<b>57,845</b>	<b>28,319</b>	<b>97,254</b>	<b>48,225</b>	<b>15,117</b>	<b>8,317</b>
3 and 4 years.....	6,094	2,138	3,115	1,077	2,980	1,061	4,991	1,694	944	385
5 and 6 years.....	6,105	5,846	3,119	3,003	2,986	2,843	4,982	4,773	954	816
7-9 years.....	10,259	10,179	5,238	5,186	5,021	4,993	8,468	8,404	1,548	1,538
10-13 years.....	14,087	13,966	7,177	7,099	6,911	6,867	11,692	11,603	2,099	2,072
14 and 15 years.....	7,839	7,691	3,988	3,922	3,851	3,769	6,537	6,419	1,152	1,122
16 and 17 years.....	8,157	7,279	4,137	3,758	4,020	3,521	6,845	6,092	1,157	1,051
18 and 19 years.....	8,214	3,693	4,023	1,874	4,191	1,819	6,980	3,106	1,072	500
20-24 years.....	19,760	4,290	9,548	2,229	10,212	2,061	16,915	3,723	2,438	455
25-34 years.....	34,389	2,773	16,715	1,388	17,674	1,385	29,844	2,411	3,752	278

<sup>1</sup> Includes races not shown separately.

<sup>2</sup> Black and other races.

## NO. 230. PERCENT ENROLLED IN SCHOOL, BY AGE, SEX, AND RACE: 1970 TO 1979

[See headnote, table 229]

ITEM	3-4 years	5-6 years	7-9 years	10-13 years	14-15 years	16-17 years	18-19 years	20-24 years	25-34 years
<b>1970, total</b> <sup>1</sup> .....	<b>20.5</b>	<b>89.5</b>	<b>99.3</b>	<b>99.2</b>	<b>98.1</b>	<b>90.0</b>	<b>47.7</b>	<b>21.5</b>	<b>6.0</b>
Male.....	21.2	88.9	99.3	98.8	98.2	91.3	54.4	29.3	8.4
Female.....	19.8	90.2	99.3	99.5	98.1	88.6	41.6	15.2	3.8
White.....	19.9	90.3	99.3	99.1	98.2	90.6	48.7	22.5	6.1
Black.....	22.7	84.9	99.3	99.3	97.6	85.7	40.1	14.2	4.2
<b>1975, total</b> <sup>1</sup> .....	<b>31.5</b>	<b>94.7</b>	<b>99.4</b>	<b>99.3</b>	<b>98.2</b>	<b>89.0</b>	<b>46.9</b>	<b>22.4</b>	<b>8.5</b>
Male.....	30.9	94.4	99.2	98.9	98.4	90.7	49.9	26.4	10.7
Female.....	32.1	95.1	99.5	99.6	98.0	87.2	44.2	18.7	6.5
White.....	30.8	94.8	99.4	99.3	98.3	89.3	46.5	22.7	8.5
Black.....	34.2	94.5	99.3	99.1	97.4	86.8	47.1	19.9	8.3
<b>1979, total</b> <sup>1</sup> .....	<b>35.1</b>	<b>95.8</b>	<b>99.2</b>	<b>99.1</b>	<b>98.1</b>	<b>89.2</b>	<b>45.0</b>	<b>21.7</b>	<b>8.1</b>
Male.....	34.6	96.3	99.0	98.9	98.3	90.8	46.6	23.3	8.3
Female.....	35.6	95.2	99.4	99.4	97.9	87.6	43.4	20.2	7.8
White.....	33.9	95.8	99.2	99.2	98.2	89.0	44.5	22.0	8.1
Black.....	40.8	96.0	99.4	98.7	97.4	90.8	46.6	18.7	7.4

<sup>1</sup> Includes races not shown separately.

Source of tables 229 and 230: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 346 and earlier reports; and unpublished data.

## NO. 231. SCHOOL ENROLLMENT, BY RACE, LEVEL, AND AGE: 1965 TO 1979

[In thousands, except percent. As of October. For grade levels, see headnote, table 227. Minus sign (-) denotes decrease]

YEAR AND AGE	WHITE				BLACK			
	Total enrolled <sup>1</sup>	Elementary	High school	College	Total enrolled <sup>1</sup>	Elementary	High school	College
<b>1965, total</b>	<b>47,460</b>	<b>30,327</b>	<b>11,356</b>	<b>5,317</b>	<b>6,675</b>	<b>4,866</b>	<b>1,472</b>	<b>274</b>
3 and 4 years	731	318	-	-	2,155	292	-	-
5-13 years	29,636	29,170	427	-	4,518	4,479	39	-
14-17 years	11,327	825	10,269	239	1,561	285	1,246	30
18-24 years	4,834	8	616	4,213	391	4	177	210
25-34 years	922	8	44	871	50	6	10	34
<b>1970, total</b>	<b>51,719</b>	<b>31,348</b>	<b>12,723</b>	<b>6,759</b>	<b>7,829</b>	<b>5,294</b>	<b>1,834</b>	<b>522</b>
3 and 4 years	1,181	358	-	-	250	95	-	-
5-13 years	30,460	30,068	327	-	4,997	4,915	61	-
14-17 years	12,769	898	11,639	230	1,862	279	1,558	21
18-24 years	5,979	14	661	5,304	610	5	188	416
25-34 years	1,326	5	95	1,224	109	-	23	85
<b>1975, total</b>	<b>51,430</b>	<b>28,257</b>	<b>13,225</b>	<b>8,514</b>	<b>8,400</b>	<b>4,978</b>	<b>2,201</b>	<b>948</b>
3 and 4 years	1,637	357	-	-	344	94	-	-
5-13 years	27,387	27,004	295	-	4,731	4,647	60	-
14-17 years	13,312	860	12,176	259	2,138	231	1,873	34
18-24 years	6,789	8	666	6,115	920	4	252	665
25-34 years	2,246	12	90	2,147	266	2	16	248
<b>1978, total</b>	<b>48,843</b>	<b>25,973</b>	<b>12,893</b>	<b>8,514</b>	<b>8,416</b>	<b>4,809</b>	<b>2,278</b>	<b>1,020</b>
3 and 4 years	1,622	249	-	-	385	93	-	-
5-13 years	25,353	24,968	300	-	4,566	4,501	45	-
14-17 years	12,859	737	11,892	229	2,208	207	1,964	38
18-24 years	6,738	13	644	6,077	958	8	256	694
25-34 years	2,271	6	57	2,207	300	-	13	288
<b>1979, total</b>	<b>48,225</b>	<b>25,396</b>	<b>12,583</b>	<b>8,709</b>	<b>8,317</b>	<b>4,792</b>	<b>2,245</b>	<b>1,003</b>
3 and 4 years	1,694	255	-	-	385	125	-	-
5-13 years	24,780	24,441	244	-	4,526	4,440	68	-
14-17 years	12,511	684	11,572	258	2,173	221	1,908	43
18-24 years	6,829	10	699	6,122	955	4	256	697
25-34 years	2,411	10	68	2,331	278	3	12	263
<b>Percent change in total:</b>								
1965-1970	9.1	3.4	12.0	27.1	17.3	9.5	24.6	90.5
1970-1975	-6	-9.9	3.9	26.0	7.3	-6.5	20.0	81.6
1975-1979	-8.2	-10.1	-4.9	2.3	-1.0	-3.7	2.0	5.8

- Represents zero. <sup>1</sup> Includes nursery schools, not shown separately. <sup>2</sup> Data for Black and other races.

## NO. 232. PERCENT ENROLLED IN SCHOOL, BY LEVEL, BY SEX AND AGE: 1979

SEX AND AGE	Civilian population <sup>1</sup> ('000)	PERCENT ENROLLED (October)						PERCENT NOT ENROLLED		
		Total	Nursery school	Kindergarten	Elementary, grades 1-8	Secondary, grades 9-12	College	Total	High school graduate	Not high school graduate
<b>Male</b>	<b>57,059</b>	<b>51.8</b>	<b>1.7</b>	<b>2.8</b>	<b>25.1</b>	<b>13.5</b>	<b>8.8</b>	<b>48.2</b>	<b>35.3</b>	<b>13.0</b>
3 and 4 years	3,115	34.6	28.3	6.3	-	-	-	65.4	(x)	(x)
5 and 6 years	3,119	96.3	2.0	44.2	50.1	-	-	3.7	(x)	(x)
7-13 years	12,415	99.0	-	-	97.8	1.2	-	1.0	(x)	(x)
14-17 years	8,125	94.5	-	-	7.5	85.5	1.6	5.5	.6	4.8
18-24 years	13,571	30.2	-	-	-	4.3	25.8	69.8	52.7	17.1
25-29 years	8,753	10.4	-	-	-	.1	10.2	89.6	75.9	13.7
30-34 years	7,962	6.0	-	-	-	.2	5.8	94.0	79.0	15.0
<b>Female</b>	<b>57,845</b>	<b>49.0</b>	<b>1.6</b>	<b>2.5</b>	<b>23.4</b>	<b>12.8</b>	<b>8.6</b>	<b>51.0</b>	<b>38.1</b>	<b>12.9</b>
3 and 4 years	2,980	35.6	29.0	6.6	-	-	-	64.4	(x)	(x)
5 and 6 years	2,986	95.2	2.0	42.0	51.2	-	-	4.8	(x)	(x)
7-13 years	11,932	99.4	-	-	97.9	1.5	-	.6	(x)	(x)
14-17 years	7,871	92.6	-	-	4.0	86.2	2.3	7.4	1.6	5.8
18-24 years	14,403	26.9	-	-	-	2.7	24.2	73.1	57.5	15.6
25-29 years	9,259	8.8	-	-	.1	.3	8.5	91.2	77.3	13.9
30-34 years	8,415	6.7	-	-	-	.4	6.3	93.3	77.0	16.3

- Represents zero. X Not applicable. <sup>1</sup> Noninstitutional only.

Source of tables 231 and 232: U.S. Bureau of the Census. *Current Population Reports*, series P-20, No. 346 and earlier reports; and unpublished data.

**NO. 233. SELECTED CHARACTERISTICS OF PERSONS 5 TO 17 YEARS OLD ENROLLED IN SCHOOL AND ENROLLED BELOW THE MODAL GRADE LEVEL: 1976**

[As of **spring**. Persons in families. Modal grade is the grade or grades in which most children of a given age were enrolled; a 2-year grade span was used for each age (e.g., modal grades for age 8 were 2d and 3d year of elementary school). Based on Survey of Income and Education; see Appendix III]

CHARACTER- ISTIC	PERSONS 5-13 YRS.			PERSONS 14-17 YRS.			CHARACTER- ISTIC	PERSONS 5-13 YRS.			PERSONS 14-17 YRS		
	Percent		Total (1,000)	Percent		Total (1,000)		Percent		Total (1,000)	Percent		
	En- rolled	Below the mode <sup>1</sup>		En- rolled	Below the mode <sup>1</sup>			En- rolled	Below the mode <sup>1</sup>		En- rolled	Below the mode <sup>1</sup>	
Total ...	32,800	95.5	4.6	16,410	95.9	10.0	Language spoken:						
White .....	27,434	95.5	4.1	13,859	96.1	8.9	English.....	31,293	95.7	4.2	16,025	95.4	9.5
Black .....	4,750	95.4	7.1	2,288	94.8	16.6	Spanish.....	1,093	92.5	8.8	478	86.6	30.9
Spanish <sup>2</sup> .....	2,295	94.7	6.4	956	92.1	22.5	Asian <sup>3</sup> .....	107	96.3	7.8	41	97.6	(B)
Male .....	16,704	95.6	5.6	8,417	95.7	12.0	Income:						
Female .....	16,094	95.4	3.3	7,994	96.1	8.0	Below poverty <sup>4</sup> .....	5,139	93.8	9.2	1,993	92.1	21.1
							Above poverty <sup>4</sup> .....	27,661	95.8	3.8	4,418	96.4	8.6

B Base less than minimum required for reliability. <sup>1</sup> Percent of enrolled. <sup>2</sup> Persons of Spanish origin may be of any race. <sup>3</sup> Includes Chinese, Filipino, Japanese, Korean, and Vietnamese. <sup>4</sup> For explanation, see p. 436.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 337; and unpublished data.

**NO. 234. PREPRIMARY SCHOOL ENROLLMENT OF CHILDREN 3 TO 5 YEARS OLD, BY RACE AND AGE, AND BY LABOR FORCE STATUS OF MOTHER: 1967 TO 1979**

[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, p. 1]

RACE, AGE, AND LABOR FORCE STATUS	NUMBER OF CHILDREN (1,000)							PERCENT ENROLLED OF POPULATION			
	1967	1970	1975	1976	1977	1978	1979	1967	1970	1975	1979
Population, 3-5 years old .....	12,234	10,877	10,183	9,726	9,249	9,110	9,119	(x)	(x)	(x)	(x)
<b>Total enrolled</b> <sup>1 2</sup> .....	<b>3,864</b>	<b>4,075</b>	<b>4,954</b>	<b>4,790</b>	<b>4,577</b>	<b>4,584</b>	<b>4,664</b>	<b>31.6</b>	<b>37.5</b>	<b>48.6</b>	<b>51.1</b>
White .....	3,265	3,414	4,105	3,933	3,717	3,697	3,786	31.8	37.8	48.7	50.7
Black .....	535	585	731	745	728	749	750	29.8	34.9	48.1	53.3
3 years old .....	273	454	683	603	645	759	746	6.8	13.0	21.5	24.6
4 years old .....	870	1,003	1,418	1,348	1,290	1,313	1,393	21.3	27.9	40.5	45.4
5 years old .....	2,721	2,617	2,852	2,839	2,642	2,512	2,525	65.4	69.2	81.3	83.5
ALL RACES <sup>2</sup>											
With mother in labor force <sup>3</sup> .....	1,353	1,345	2,168	2,136	2,092	2,173	2,353	34.2	38.8	54.0	55.1
3 and 4 years old .....	466	526	973	898	992	1,017	1,139	18.1	23.5	38.0	40.5
5 years old .....	887	818	1,195	1,237	1,100	1,156	1,214	63.8	66.6	82.5	83.4
Married, spouse present .....	1,140	1,131	1,733	1,708	1,649	1,727	1,922	34.1	39.5	53.6	55.1
Other marital status .....	213	214	435	428	444	446	431	34.6	36.0	56.0	55.0
Employed .....	1,249	1,246	1,948	1,960	1,881	2,000	2,158	34.5	39.3	55.1	56.1
Full-time .....	817	770	1,236	1,254	1,240	1,309	1,416	33.9	38.6	55.1	55.5
Part-time .....	432	476	712	706	641	691	742	35.7	40.4	55.1	57.3
Mother not in labor force .....	2,448	2,694	2,704	2,589	2,385	2,286	2,196	30.2	37.0	45.1	47.6
WHITE											
With mother in labor force <sup>3</sup> .....	1,053	1,031	1,723	1,668	1,592	1,666	1,833	34.7	39.1	54.0	54.6
3 and 4 years old .....	340	374	740	667	740	750	872	17.4	22.1	36.8	39.3
5 years old .....	713	657	983	1,001	852	916	961	66.2	69.2	84.1	84.4
Married, spouse present .....	932	913	1,449	1,399	1,334	1,408	1,583	34.7	39.1	53.3	54.8
Other marital status .....	120	119	273	269	258	258	250	34.6	38.9	57.8	53.0
Employed .....	982	959	1,566	1,561	1,458	1,567	1,706	35.2	39.3	55.0	55.7
Full-time .....	613	557	941	936	912	959	1,068	33.8	38.2	54.3	54.9
Part-time .....	369	402	625	625	546	608	638	37.7	41.0	56.2	57.0
Mother not in labor force .....	2,166	2,354	2,331	2,220	2,057	1,945	1,867	30.5	37.4	45.3	47.5
BLACK											
With mother in labor force <sup>3</sup> .....	286	281	372	414	429	427	446	32.3	36.8	52.6	57.7
3 and 4 years old .....	122	138	191	202	214	231	235	20.7	27.3	41.0	46.2
5 years old .....	163	143	181	211	215	197	212	55.3	55.6	75.2	79.1
Married, spouse present .....	193	192	221	255	246	243	273	31.3	39.4	53.6	57.6
Other marital status .....	93	89	151	158	183	184	174	34.7	32.2	51.2	58.0
Employed .....	252	256	313	348	362	357	387	32.3	37.9	53.5	58.6
Full-time .....	194	195	244	282	292	289	307	34.4	39.0	56.7	58.2
Part-time .....	58	61	69	66	70	68	81	26.8	34.8	44.7	60.4
Mother not in labor force .....	236	298	330	312	289	286	277	26.9	33.9	44.1	47.9

X Not applicable. <sup>1</sup> Includes children with mothers whose labor force status is unknown and children with no mother present in household, not shown separately. <sup>2</sup> Includes races not shown separately.

<sup>3</sup> Includes children with mothers who are unemployed, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 318; and unpublished data.

### NO. 235. SCHOOL ENROLLMENT OF PERSONS 5 TO 17 YEARS OLD, BY RACE AND RESIDENCE: 1960 TO 1979

[As of October. Beginning 1970, includes nursery schools. For definition of standard metropolitan statistical area (SMSA), see Appendix II. 1960 to 1970 refer to 212 SMSA's as defined in 1960 census reports; 1975 to 1979 to 243 SMSA's as defined in 1970 census reports. Based on Current Population Survey; see text, p. 1]

RACE AND RESIDENCE	TOTAL ENROLLED (mil.)						PERCENT OF TOTAL ENROLLMENT					
	1960	1965	1970	1975	1978	1979	1960	1965	1970	1975	1978	1979
<b>White persons, total</b> .....	36.9	40.9	43.2	40.7	38.2	37.3	87.0	86.1	85.2	84.1	83.2	82.9
Inside SMSA's.....	22.3	26.3	26.8	27.1	24.6	23.9	86.8	85.9	83.8	82.3	81.1	80.2
Inside central cities.....	9.6	9.8	9.2	9.4	7.9	7.5	78.7	74.2	70.2	68.7	65.7	64.7
Outside central cities.....	12.6	16.5	17.6	17.8	16.7	16.4	94.0	94.8	93.6	91.8	91.2	90.1
Outside SMSA's.....	14.5	14.6	16.4	13.6	13.6	13.4	86.8	86.9	87.7	88.0	87.1	88.2
<b>Black and other, total</b> .....	5.5	6.6	7.5	7.7	7.7	7.7	13.0	13.9	14.8	15.9	16.8	17.1
Inside SMSA's.....	3.4	4.3	5.2	5.9	5.7	5.9	13.2	14.1	16.3	17.7	18.9	19.8
Inside central cities.....	2.6	3.4	3.9	4.3	4.1	4.1	21.3	25.8	29.8	31.3	34.3	35.3
Outside central cities.....	.8	.9	1.2	1.6	1.6	1.8	6.0	5.2	6.4	8.2	8.8	9.9
Outside SMSA's.....	2.2	2.2	2.3	1.8	2.0	1.8	13.2	13.1	12.3	11.9	12.9	11.8

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 346 and earlier reports; and unpublished data.

### NO. 236. YEARS OF SCHOOL COMPLETED, BY AGE AND RACE: 1940 TO 1979

[Through 1960, as of April 1, 1940 based on complete count; 1950, on 20-percent sample; and 1960, on 25-percent sample. Beginning 1970, as of March, based on Current Population Survey; see text, p. 1. Excludes Armed Forces, except members living off post or with families on post. Beginning 1975, excludes inmates of institutions]

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 <sup>1</sup>	Percent not high school graduates		Percent with 4 years of high school or more		Median school years completed <sup>1</sup>
	Total	With less than 5 yrs. of school	Total	College, 4 yrs. or more		Total	With less than 5 yrs. of school	Total	College, 4 yrs. or more	
<b>25 years and over:</b>										
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.....	44.8	5.3	55.2	11.0	12.2	66.3	15.1	33.7	4.5	9.9
1975.....	37.5	4.2	62.5	13.9	12.3	57.5	12.3	42.5	6.4	10.9
1979.....	32.2	3.5	67.7	16.4	12.5	50.8	9.6	49.4	7.9	11.9
<b>25-29 years:</b>										
1940.....	61.9	5.9	38.1	5.9	10.3	(NA)	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	8.5
1960.....	39.3	2.8	60.7	11.1	12.3	82.3	7.0	37.7	4.8	9.9
1970.....	24.6	1.1	75.4	16.4	12.6	43.9	2.5	56.2	7.3	12.2
1975.....	16.9	1.0	83.1	21.9	12.8	29.0	.5	71.0	10.7	12.5
1979.....	14.4	1.0	85.6	23.1	12.9	25.2	.8	74.7	12.4	12.6

NA Not available. <sup>1</sup> For definition of median, see Guide to Tabular Presentation.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1940, 1950, and 1960*, vol. I; *Current Population Reports*, series P-20, Nos. 207, 295, and 314; and unpublished data.

### NO. 237. PERCENT OF POPULATION WITH LESS THAN 5 YEARS OF SCHOOL AND WITH 4 YEARS OF HIGH SCHOOL OR MORE, BY AGE, RACE, AND SPANISH ORIGIN: 1970 TO 1979

[Persons 25 years old and over. As of April 1970 and March 1975 and 1979]

RACE	LESS THAN 5 YEARS OF SCHOOL						4 YEARS OF HIGH SCHOOL OR MORE					
	1970	1975	1979				1970	1975	1979			
			Total	25-34 yr.	35-64 yr.	65 yr. and over			Total	25-34 yr.	35-64 yr.	65 yr. and over
<b>All races<sup>1</sup></b> .....	5.5	4.2	3.5	1.1	2.7	9.1	52.3	62.5	67.7	84.7	58.7	40.1
White.....	4.5	3.3	2.7	1.0	2.1	6.8	54.5	64.6	69.7	86.1	71.2	42.3
Black.....	14.6	12.3	9.6	1.3	7.6	31.9	31.4	42.5	49.4	73.4	45.7	17.0
Spanish origin <sup>2</sup> .....	19.5	18.5	17.6	10.0	17.6	44.9	32.1	37.9	42.0	54.3	36.7	15.9
Mexican.....	28.5	24.6	23.9	13.6	24.9	64.3	24.2	31.0	34.9	47.0	30.3	7.1
Puerto Rican.....	20.5	17.4	14.4	5.5	16.6	(9)	23.4	28.7	38.6	52.3	32.4	(9)
Cuban.....	8.2	7.3	6.9	-	4.9	19.3	43.9	51.7	50.4	76.0	51.2	28.9
Other <sup>3</sup> .....	8.8	7.6	6.7	2.5	6.1	20.5	44.9	58.0	60.8	76.8	55.5	27.3

B Not shown; base less than 75,000. - Represents zero or rounds to zero. <sup>1</sup> Includes races not shown separately. <sup>2</sup> Persons of Spanish origin may be of any race. <sup>3</sup> Central or South American and other Spanish origin.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vols. I and II, *Current Population Reports*, series P-20, Nos. 283, 295, 328; and unpublished data.

## NO. 238. YEARS OF SCHOOL COMPLETED, BY RACE, SEX, AND SPANISH ORIGIN: 1960 TO 1979

[Persons 25 years old and over. Persons of Spanish origin may be of any race. For definition of median, see Guide to Tabular Presentation. See headnote, table 236. See also *Historical Statistics, Colonial Times to 1970*, series H 602-617]

YEAR, RACE, AND SEX	Persons 25 years old and over (1,000)	PERCENT OF POPULATION COMPLETING—							Median school years comple- ted
		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	
<b>1960, all races</b> .....	<b>99,438</b>	<b>8.3</b>	<b>13.8</b>	<b>17.5</b>	<b>19.2</b>	<b>24.6</b>	<b>8.8</b>	<b>7.7</b>	<b>10.6</b>
White .....	89,581	6.7	12.8	18.1	19.3	25.8	9.3	8.1	10.9
Male .....	43,259	7.4	13.7	18.7	18.9	22.2	9.1	10.3	10.7
Female .....	46,322	6.0	11.9	17.8	19.6	29.2	9.5	6.0	11.2
Black .....	9,054	23.8	24.2	12.9	19.0	12.9	4.1	3.1	8.0
Male .....	4,240	28.3	23.9	12.3	17.3	11.3	4.1	2.8	7.7
Female .....	4,814	19.8	24.5	13.4	20.5	14.3	4.1	3.3	8.6
<b>1970, all races</b> .....	<b>109,310</b>	<b>5.3</b>	<b>9.1</b>	<b>13.4</b>	<b>17.1</b>	<b>34.0</b>	<b>10.2</b>	<b>11.0</b>	<b>12.2</b>
White .....	98,112	4.2	8.3	13.6	16.5	35.2	10.7	11.8	12.2
Male .....	46,606	4.5	8.8	13.9	15.6	30.9	11.3	15.0	12.2
Female .....	51,506	3.9	7.8	13.4	17.3	39.0	10.1	8.6	12.2
Black .....	10,089	15.1	16.7	11.2	23.3	23.4	5.9	4.5	9.9
Male .....	4,619	18.6	16.0	11.1	21.9	22.2	5.7	4.6	9.6
Female .....	5,470	12.1	17.3	11.3	24.5	24.4	6.0	4.4	10.2
<b>1975, all races</b> .....	<b>116,897</b>	<b>4.2</b>	<b>7.4</b>	<b>10.3</b>	<b>15.6</b>	<b>36.2</b>	<b>12.4</b>	<b>13.9</b>	<b>12.3</b>
White .....	104,065	3.3	6.6	10.6	15.0	37.3	12.8	14.5	12.4
Male .....	49,259	3.6	6.8	10.5	14.0	33.1	13.6	18.4	12.5
Female .....	54,806	3.0	6.4	10.6	15.9	41.1	12.1	11.0	12.3
Black .....	11,096	12.3	14.3	8.5	22.3	27.1	9.0	6.4	10.9
Male .....	4,925	15.3	14.7	8.1	20.2	25.2	9.7	6.7	10.7
Female .....	6,171	9.8	14.0	8.9	24.0	28.6	8.5	6.2	11.1
Spanish origin .....	4,762	18.5	17.9	10.3	15.3	23.0	8.7	6.4	9.6
Male .....	2,258	18.2	17.1	10.0	15.3	21.1	10.1	8.3	9.8
Female .....	2,504	18.8	18.7	10.6	15.3	24.7	7.4	4.6	9.3
<b>1979, all races</b> .....	<b>125,295</b>	<b>3.5</b>	<b>6.2</b>	<b>8.6</b>	<b>14.0</b>	<b>36.6</b>	<b>14.7</b>	<b>16.4</b>	<b>12.5</b>
White .....	110,788	2.7	5.6	8.7	13.3	37.6	15.0	17.2	12.5
Male .....	52,504	2.8	5.7	8.7	12.4	33.1	15.8	21.4	12.6
Female .....	58,294	2.6	5.5	8.6	14.1	41.6	14.3	13.3	12.5
Black .....	12,227	9.6	11.6	8.2	21.2	30.0	11.5	7.9	11.9
Male .....	5,393	11.9	12.8	7.5	18.6	29.5	11.3	8.3	11.9
Female .....	6,834	7.8	10.7	8.7	23.3	30.4	11.6	7.5	11.9
Spanish origin .....	5,367	17.6	17.5	8.3	14.5	25.6	9.7	6.7	10.3
Male .....	2,534	17.8	16.9	8.4	14.5	22.9	11.2	8.2	10.4
Female .....	2,833	17.5	18.1	8.2	14.5	28.0	8.4	5.3	10.2

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960*, vol. 1, and *Current Population Reports*, series P-20, Nos. 207 and 295; and unpublished data.

## NO. 239. YEARS OF SCHOOL COMPLETED, BY RACE, SEX, AND AGE: 1979

[Persons 25 years old and over as of March 1979. See headnote, table 236. For definition of median, see Guide to Tabular Presentation]

RACE, SEX, AND AGE	Popula- tion (1,000)	PERCENT OF POPULATION COMPLETING—							Median school years comple- ted
		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	
All races.....	125,295	3.5	6.2	8.6	14.0	36.6	14.7	16.4	12.5
Male.....	58,986	3.7	6.3	8.6	12.9	32.6	15.4	20.4	12.6
Female.....	66,309	3.2	6.1	8.6	15.0	40.2	14.0	12.9	12.4
25-29 years.....	17,940	1.0	1.8	1.7	9.9	39.3	23.2	23.1	12.9
30-34 years.....	16,113	1.2	2.2	2.5	10.4	39.1	20.1	24.5	12.9
35-44 years.....	24,611	1.6	3.4	4.1	13.7	42.0	15.5	19.6	12.6
45-54 years.....	22,826	2.8	5.6	7.6	16.5	40.1	12.4	15.0	12.4
55 years and over.....	43,806	6.7	11.3	16.6	16.0	29.9	9.9	9.7	11.9
Black.....	12,227	9.6	11.6	8.2	21.2	30.0	11.5	7.9	11.9
25-29 years.....	2,004	.8	2.6	2.1	19.7	43.4	19.0	12.4	12.6
30-34 years.....	1,640	1.9	2.7	3.1	20.6	40.5	17.9	13.2	12.5
35-44 years.....	2,577	2.6	6.2	5.9	25.2	38.1	14.1	8.0	12.3
45-54 years.....	2,277	6.8	13.5	11.9	25.0	25.8	9.7	7.2	11.1
55 years and over.....	3,730	24.4	22.9	12.9	17.2	15.2	4.0	3.4	8.2

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

## NO. 240. ILLITERACY—AGE, SEX, AND RACE: 1959 AND 1969

[Persons 14 years old and over. Relates to civilian noninstitutional population. 1959 excludes Alaska and Hawaii. Based on Current Population Survey; see text, p. 1. Persons unable to both read and write in any language classified as illiterate. Information on illiteracy was obtained only for persons completing less than 6 years of school. See also *Historical Statistics, Colonial Times to 1970*, series H 669-688]

AGE AND SEX	1959 (March)					1969 (November)				
	Population (1,000)		Percent illiterate			Population (1,000)		Percent illiterate		
	Total	Illiterate	Total	White	Black	Total	Illiterate	Total	White	Black
<b>Total, 14 years and over</b> .....	<b>121,373</b>	<b>2,619</b>	<b>2.2</b>	<b>1.6</b>	<b>7.5</b>	<b>143,137</b>	<b>1,433</b>	<b>1.0</b>	<b>.7</b>	<b>3.6</b>
14-24 years.....	25,118	144	.6	.5	1.2	36,853	97	.3	.2	.5
25-44 years.....	46,143	575	1.2	.8	5.1	46,501	237	.5	.4	1.3
45-64 years.....	35,205	929	2.6	1.8	11.3	40,985	449	1.1	.7	5.5
65 years and over.....	14,907	971	6.5	5.1	25.5	18,798	650	3.5	2.3	16.7
<b>Male, 14 years and over</b> .....	<b>58,378</b>	<b>1,480</b>	<b>2.5</b>	<b>1.7</b>	<b>9.8</b>	<b>67,306</b>	<b>708</b>	<b>1.1</b>	<b>.7</b>	<b>4.3</b>
14-24 years.....	12,063	100	.8	.7	1.7	17,484	61	.3	.3	.6
25-44 years.....	22,486	363	1.6	1.0	7.1	22,272	118	.5	.4	2.1
45-64 years.....	17,059	548	3.2	2.0	15.6	19,513	257	1.3	.8	7.4
65 years and over.....	6,770	469	6.9	5.3	28.3	8,037	272	3.4	2.1	17.2
<b>Female, 14 years and over</b> .....	<b>62,995</b>	<b>1,139</b>	<b>1.8</b>	<b>1.4</b>	<b>5.4</b>	<b>75,831</b>	<b>727</b>	<b>1.0</b>	<b>.7</b>	<b>2.9</b>
14-24 years.....	13,055	44	.3	.3	.7	19,389	37	.2	.2	.3
25-44 years.....	23,657	212	.9	.6	3.4	24,229	121	.5	.5	.6
45-64 years.....	18,146	381	2.1	1.6	7.3	21,472	191	.9	.6	4.0
65 years and over.....	8,137	502	6.2	5.0	23.0	10,781	378	3.5	2.4	16.2

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, Nos. 99 and 217.

## NO. 241. PERCENT ILLITERATE OF POPULATION—STATES: 1900 TO 1970

[Relates to population 15 years old and over for 1900 to 1930 and 14 years old and over for 1950 to 1970. Beginning 1950, data are estimated. Persons unable to both read and write in any language classified as illiterate. See *Current Population Reports*, series P-23, No. 8, for method of estimating illiteracy by States]

REGION AND STATE	1900	1920	1930	1950	1960	1970	REGION AND STATE	1900	1920	1930	1950	1960	1970
<b>United States</b> .....	<b>11.3</b>	<b>6.5</b>	<b>4.8</b>	<b>3.3</b>	<b>2.4</b>	<b>1.2</b>	<b>So. Atl.—Con.</b>						
<b>New England:</b>							Virginia.....	24.3	12.2	9.7	4.9	3.4	1.4
Maine.....	5.5	3.6	3.0	2.0	1.3	.7	West Virginia.....	12.6	7.2	5.5	3.5	2.7	1.4
New Hampshire.....	6.7	4.9	3.0	2.0	1.4	.7	No. Carolina.....	30.1	15.0	11.5	5.5	4.0	1.8
Vermont.....	6.4	3.3	2.4	1.7	1.1	.6	So. Carolina.....	37.4	20.9	16.7	7.9	5.5	2.3
Massachusetts.....	6.5	5.3	4.0	2.8	2.2	1.1	Georgia.....	32.1	16.7	10.4	6.9	4.5	2.0
Rhode Island.....	9.2	7.2	5.5	3.1	2.4	1.3	Florida.....	23.4	10.2	7.7	3.9	2.6	1.3
Connecticut.....	6.5	6.9	5.1	3.1	2.2	1.1	<b>East So. Central:</b>						
<b>Middle Atlantic:</b>							Kentucky.....	18.1	9.4	7.3	4.3	3.3	1.6
New York.....	6.1	5.6	4.1	3.5	2.8	1.4	Tennessee.....	21.9	11.3	8.0	4.7	3.5	1.7
New Jersey.....	6.5	5.8	4.9	2.9	2.2	1.1	Alabama.....	35.1	17.8	14.0	6.2	4.2	2.1
Pennsylvania.....	6.9	5.7	3.5	2.7	2.0	1.0	Mississippi.....	34.1	18.8	14.8	7.1	4.9	2.4
<b>East No. Central:</b>							<b>West So. Central:</b>						
Ohio.....	4.5	3.2	2.5	1.9	1.5	.8	Arkansas.....	21.3	10.2	7.6	5.0	3.6	1.9
Indiana.....	5.2	2.5	1.8	1.7	1.2	.7	Louisiana.....	39.6	23.4	15.1	9.8	6.3	2.8
Illinois.....	4.8	3.8	2.7	2.3	1.8	.9	Oklahoma.....	11.7	4.1	3.1	2.5	1.9	1.1
Michigan.....	4.8	3.4	2.2	2.0	1.6	.9	Texas.....	15.6	8.9	7.3	5.4	4.1	2.2
Wisconsin.....	5.4	2.8	2.1	1.7	1.2	.7	<b>Mountain:</b>						
<b>West No. Central:</b>							Montana.....	6.6	2.5	1.9	1.8	1.0	.6
Minnesota.....	4.6	2.1	1.4	1.5	1.0	.6	Idaho.....	5.1	1.7	1.2	1.3	.8	.6
Iowa.....	2.7	1.2	.9	.9	.7	.5	Wyoming.....	4.4	2.3	1.8	1.7	.9	.6
Missouri.....	7.0	3.4	2.5	2.1	1.7	.8	Colorado.....	4.5	3.6	3.1	2.0	1.3	.7
North Dakota.....	6.1	2.5	1.7	2.3	1.4	.8	New Mexico.....	35.7	17.4	14.9	6.6	4.0	2.2
South Dakota.....	5.8	1.9	1.4	1.5	.9	.5	Arizona.....	30.0	15.9	11.0	6.2	3.8	1.8
Nebraska.....	2.6	1.5	1.3	1.2	.9	.6	Utah.....	3.6	2.2	1.4	1.4	.9	.6
Kansas.....	3.3	1.8	1.4	1.3	.9	.6	Nevada.....	13.8	6.4	4.8	2.2	1.1	.5
<b>South Atlantic:</b>							<b>Pacific:</b>						
Delaware.....	13.2	6.6	4.4	2.7	1.8	.9	Washington.....	3.4	1.9	1.1	1.3	.9	.6
Maryland.....	12.1	6.1	4.2	2.7	1.8	.9	Oregon.....	3.7	1.6	1.1	1.2	.8	.6
District of Columbia.....	9.4	3.0	1.7	1.8	1.9	1.1	California.....	5.3	3.6	2.8	2.2	1.8	1.1
							Alaska.....	40.6	24.6	20.5	6.3	3.0	1.5
							Hawaii.....	35.2	21.2	17.5	8.4	5.0	1.9

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

## No. 242. YEARS OF SCHOOL COMPLETED, BY STATES: 1976

[In thousands of persons 18 years old and over, except as indicated. For definition of median, see Guide to Tabular Presentation]

REGION AND STATE	Persons 18 years old and over	YEARS OF SCHOOL COMPLETED							Median school years completed	PERCENT HIGH SCHOOL GRADUATES				
		Elementary school		High school		College				Total	18-24 years		25 years and over	
		0-4 years	5-8 years	1-3 years	4 years	1-3 years	4 yr. or more	Male			Female	Male	Female	
U.S.....	146,349	4,928	20,621	23,337	52,696	24,382	20,385	12.5	66.6	78.2	79.7	64.1	63.5	
N.E.....	8,461	184	1,075	1,251	3,076	1,469	1,406	12.6	70.3	81.3	81.6	68.1	67.7	
Maine.....	727	9	104	122	282	112	99	12.5	67.8	80.7	79.0	64.1	65.9	
N.H.....	562	6	76	84	204	105	86	12.6	70.3	73.3	82.0	67.9	69.6	
Vt.....	320	3	50	43	117	56	50	12.5	69.7	83.0	83.3	64.6	69.6	
Mass.....	4,046	98	453	571	1,505	739	680	12.6	72.3	84.3	80.6	70.1	69.7	
R.I.....	645	22	106	118	212	90	96	12.4	61.7	75.3	78.2	61.4	56.1	
Conn.....	2,162	46	285	312	757	367	395	12.6	70.3	78.8	85.0	68.3	67.3	
M.A.....	26,004	704	3,789	4,401	9,558	3,786	3,767	12.4	65.8	81.4	81.3	63.1	62.0	
N.Y.....	12,713	380	1,746	2,166	4,328	2,062	2,030	12.5	66.2	81.3	78.5	64.4	62.6	
N.J.....	5,040	138	716	840	1,854	741	752	12.4	66.4	78.9	81.3	64.1	62.9	
Pa.....	8,250	186	1,326	1,395	3,376	983	985	12.4	64.8	83.0	85.3	60.5	60.5	
E.N.C.....	27,685	545	3,782	4,619	11,010	4,290	3,439	12.4	67.7	79.7	81.1	64.3	65.1	
Ohio.....	7,261	123	960	1,263	3,120	961	834	12.4	67.7	79.9	80.1	64.0	65.7	
Ind.....	3,571	68	492	618	1,505	494	394	12.4	67.0	81.4	80.4	64.4	63.2	
Ill.....	7,566	199	1,147	1,216	2,651	1,316	1,037	12.5	66.1	78.5	80.3	63.9	62.4	
Mich.....	6,159	111	711	1,109	2,436	1,016	776	12.5	68.6	79.6	82.3	63.7	67.3	
Wis.....	3,129	44	473	413	1,299	502	398	12.5	70.3	80.6	83.6	66.5	58.3	
W.N.C.....	11,382	168	1,811	1,445	4,567	1,919	1,471	12.5	69.9	82.9	84.7	65.7	67.5	
Minn.....	2,637	30	386	311	1,104	456	350	12.5	72.4	82.6	87.6	67.6	70.9	
Iowa.....	1,942	18	267	233	838	318	248	12.5	72.3	84.9	84.8	67.6	71.1	
Mo.....	3,314	82	616	493	1,258	474	391	12.4	64.1	77.2	77.4	61.7	60.8	
N. Dak.....	417	7	86	43	143	88	51	12.5	67.6	85.7	89.0	57.7	66.4	
S. Dak.....	457	5	90	47	171	92	52	12.5	68.9	87.1	90.1	60.3	67.8	
Nebr.....	1,046	10	141	118	420	207	150	12.6	74.3	87.0	90.0	70.1	71.7	
Kans.....	1,569	16	206	199	633	285	229	12.6	73.1	87.5	86.9	69.6	69.8	
S.A.....	23,484	1,163	3,742	4,077	7,649	3,589	3,263	12.4	61.7	72.4	76.0	59.6	58.6	
Del.....	394	7	46	66	143	70	61	12.5	69.5	78.7	82.8	67.0	66.9	
Md.....	2,776	59	356	436	976	433	516	12.6	69.3	77.2	79.0	68.4	66.4	
D.C.....	504	18	69	86	138	79	114	12.6	65.7	69.4	77.6	62.5	64.7	
Va.....	3,429	157	490	579	1,089	551	583	12.4	64.2	68.0	79.1	62.4	61.9	
W. Va.....	1,271	63	315	215	418	143	117	12.1	53.3	72.7	72.7	49.3	49.8	
N.C.....	3,748	240	705	732	1,099	528	444	12.2	55.3	66.8	73.7	50.2	53.4	
S.C.....	1,871	129	310	363	606	267	195	12.2	57.1	69.5	74.6	53.7	53.0	
Ga.....	3,319	264	534	573	1,074	466	409	12.3	58.7	76.0	71.5	57.3	53.7	
Fla.....	6,171	226	917	1,028	2,104	1,052	844	12.4	64.8	75.3	77.0	63.9	61.6	
E.S.C.....	9,198	607	1,900	1,701	2,854	1,172	964	12.1	54.3	67.2	71.6	50.6	51.3	
Ky.....	2,307	132	548	397	728	270	231	12.1	53.3	72.1	69.1	49.1	49.9	
Tenn.....	2,821	187	621	508	906	392	307	12.2	54.9	70.0	73.7	51.8	50.7	
Ala.....	2,442	167	431	489	802	303	251	12.2	55.5	60.8	73.2	52.9	53.5	
Miss.....	1,527	121	300	307	417	207	175	12.1	52.3	64.0	68.7	47.2	50.6	
W.S.C.....	14,099	852	2,044	2,364	4,783	2,287	1,768	12.4	62.7	74.7	76.3	61.1	57.9	
Ark.....	1,473	88	280	277	519	175	134	12.2	56.2	69.0	73.0	54.1	52.5	
La.....	2,459	214	418	395	806	344	283	12.3	58.3	72.9	76.1	55.0	53.0	
Okla.....	1,875	54	291	300	686	324	220	12.4	65.6	82.5	82.6	62.5	61.0	
Tex.....	8,292	497	1,055	1,393	2,771	1,444	1,192	12.4	64.5	74.5	75.6	63.8	59.7	
Mt.....	6,490	143	630	892	2,374	1,389	1,061	12.7	74.3	81.2	81.9	72.9	72.1	
Mont.....	506	6	66	67	195	100	72	12.6	72.5	83.1	84.5	67.5	71.8	
Idaho.....	547	8	61	87	204	113	74	12.6	71.5	82.1	80.6	68.6	69.2	
Wyo.....	255	3	25	36	101	54	37	12.6	75.3	85.1	84.6	71.5	73.7	
Colo.....	1,735	23	150	208	638	381	336	12.8	78.1	82.2	83.8	77.0	76.5	
N. Mex.....	750	43	98	116	250	128	115	12.5	65.7	75.2	75.0	63.8	63.0	
Ariz.....	1,528	51	154	214	534	334	240	12.6	72.5	79.0	80.0	72.0	69.7	
Utah.....	758	5	42	103	285	180	133	12.8	80.2	85.4	85.6	79.8	77.7	
Nev.....	411	5	34	61	167	90	54	12.6	75.7	80.9	82.4	75.6	73.0	
Pac.....	19,547	561	1,848	2,587	6,825	4,483	3,243	12.7	74.4	81.4	81.5	73.3	82.4	
Wash.....	2,417	25	228	320	944	512	388	12.7	76.3	82.0	84.0	73.8	75.6	
Oreg.....	1,607	17	160	215	616	350	248	12.7	75.5	85.1	83.2	72.4	74.6	
Calif.....	14,741	482	1,385	1,966	4,984	3,450	2,474	12.7	74.0	80.4	80.6	73.4	81.8	
Alaska.....	216	6	14	24	86	48	38	12.7	79.6	81.4	83.6	79.4	88.1	
Hawaii.....	566	31	61	61	196	122	95	12.7	73.0	90.4	86.0	70.7	66.5	

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



**NO. 243. MEDIAN MONEY INCOME OF PERSONS WITH INCOME, BY SEX AND EDUCATIONAL ATTAINMENT: 1970 TO 1978**

[In thousands of dollars. Persons as of March of following year. For persons 18 years old and over, except as noted. Based on Current Population Survey; see Appendix III. For definition of median, see Guide to Tabular Presentation. Beginning 1975, not strictly comparable with previous years; see text, p. 436]

ITEM	MALE							FEMALE						
	1970 <sup>1</sup>	1973 <sup>1</sup>	1974	1975	1976	1977	1978	1970 <sup>1</sup>	1973 <sup>1</sup>	1974	1975	1976	1977	1978
<b>Median income, total.....</b>	<b>7.9</b>	<b>9.8</b>	<b>9.0</b>	<b>9.4</b>	<b>10.1</b>	<b>10.7</b>	<b>11.7</b>	<b>2.6</b>	<b>3.3</b>	<b>3.3</b>	<b>3.6</b>	<b>3.9</b>	<b>4.3</b>	<b>4.4</b>
<b>YEARS OF SCHOOL COMPLETED</b>														
Elementary school:														
Less than 8 years.....	3.6	4.5	4.5	4.6	5.0	5.4	5.6	1.4	1.9	2.1	2.2	2.4	2.5	2.7
8 years.....	5.4	6.4	6.4	6.5	6.8	7.0	7.5	1.8	2.2	2.4	2.6	2.8	3.0	3.1
High school: 1-3 years.....	7.3	8.6	7.6	7.4	7.8	7.9	8.6	2.4	2.8	2.8	3.0	3.1	3.3	3.3
4 years.....	8.8	10.8	9.9	10.2	10.7	11.5	12.3	3.4	4.0	3.8	4.2	4.6	4.9	5.0
College: 1-3 years.....	9.9	11.7	9.8	10.4	10.6	11.5	12.5	3.7	4.6	3.8	4.3	4.4	4.9	5.2
4 years.....	12.1	13.9	13.4	14.4	15.4	16.2	17.4	5.4	6.2	6.2	7.0	7.1	7.6	7.8
5 or more years.....	13.4	16.0	16.2	17.5	18.0	19.7	21.0	7.9	8.9	9.1	10.1	10.2	10.8	11.1

<sup>1</sup> Persons 25 years old and over.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 80, 97, 105, 114, 118, 123, and unpublished data.

**NO. 244. EMPLOYED PERSONS BY YEARS OF HIGH SCHOOL COMPLETED, BY OCCUPATION GROUP AND BY SEX AND RACE: 1970 AND 1979**

[Relates to civilian noninstitutional population 18 years old and over in 1970, and 16 years old and over in 1979. As of March. Service includes private household workers. Based on Current Population Survey; see text, p. 1]

SEX, RACE, AND YEARS OF HIGH SCHOOL COMPLETED	1970					1979				
	Em- ployed (mil.)	Percent				Em- ployed (mil.)	Percent			
		White collar	Blue collar	Service	Farm		White collar	Blue collar	Service	Farm
<b>Male, White:</b>										
Less than 4 years.....	14.7	18.5	64.8	7.5	9.1	11.9	14.6	65.5	12.8	7.1
4 years or more.....	27.7	58.0	34.6	4.6	2.9	37.8	52.9	38.1	6.3	2.8
<b>Male, Black and other:<sup>1</sup></b>										
Less than 4 years.....	2.6	8.8	71.6	12.6	7.0	1.8	7.5	64.2	20.8	7.3
4 years or more.....	2.0	42.1	47.3	9.2	1.4	2.7	34.2	51.6	13.7	.6
<b>Female, White:</b>										
Less than 4 years.....	6.9	30.3	35.8	31.0	3.2	7.0	31.5	31.0	35.6	1.9
4 years or more.....	18.1	77.9	9.0	12.3	.8	28.0	76.0	9.2	13.9	.8
<b>Female, Black and other:<sup>1</sup></b>										
Less than 4 years.....	1.7	10.3	21.5	67.0	1.2	1.4	16.2	23.6	59.0	1.1
4 years or more.....	1.9	56.8	15.8	27.3	.2	2.9	62.4	14.3	23.0	.3

<sup>1</sup> For 1979, data are for Black only.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Report*, No. 125, and forthcoming report.

**NO. 245. SCHOOL DAYS LOST ASSOCIATED WITH ACUTE AILMENTS: 1975 AND 1978**

[Children 5-16 years of age. Based on a sample of the civilian noninstitutional population; see Appendix III]

CONDITION	TOTAL DAYS LOST (mil.)						DAYS LOST PER 100 CHILDREN PER YEAR					
	1975			1978			1975			1978		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>All acute conditions.....</b>	<b>193</b>	<b>97</b>	<b>96</b>	<b>201</b>	<b>94</b>	<b>107</b>	<b>451</b>	<b>447</b>	<b>456</b>	<b>490</b>	<b>448</b>	<b>533</b>
Infective and parasitic diseases.....	35	19	16	29	13	16	81	86	77	70	61	80
Respiratory conditions.....	112	52	60	131	61	70	261	239	284	320	291	350
Upper respiratory.....	52	25	27	60	28	32	121	113	130	146	132	180
Influenza and other.....	60	27	32	71	33	38	140	126	154	174	159	190
Digestive system conditions.....	9	4	4	8	4	4	21	20	21	20	19	21
Injuries.....	22	14	8	16	9	7	52	67	36	38	42	34
All other acute conditions.....	15	7	8	17	7	10	36	34	38	41	35	48

Source: U.S. National Center for Health Statistics, series 10, Nos. 114 and 132, *Acute Conditions, Incidence and Associated Disability*; and unpublished data.

## NO. 246. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY: 1960 TO 1979

[Revenue and expenditure data for years ending June 30. See also *Historical Statistics, Colonial Times to 1970*, series H 420, H 487-507, and H 520-530]

ITEM	1960	1966	1968	1970	1972	1974	1976	1978	1979
<b>ENROLLMENT (day schools only)</b>									
<b>Total population<sup>1</sup> (mil.)</b>	<b>179.3</b>	<b>193.8</b>	<b>197.5</b>	<b>203.2</b>	<b>206.2</b>	<b>209.9</b>	<b>213.0</b>	<b>216.3</b>	<b>218.1</b>
Population 5-17 years <sup>1</sup> (mil.)	43.9	50.0	51.4	52.5	52.3	51.5	50.4	49.0	48.0
Percent of total population	24.5	25.8	26.0	25.8	25.4	24.5	23.6	22.7	22.0
Pupils enrolled (mil.)	36.1	42.8	43.9	45.6	46.1	45.4	44.8	43.6	42.6
Percent of total population	20.1	22.1	22.2	22.4	22.3	21.6	21.0	20.2	19.5
Percent of population 5-17 years	82.2	85.7	85.5	86.9	88.1	88.2	88.9	89.2	88.7
Average daily attendance (mil.)	32.5	39.2	40.8	41.9	42.3	41.4	41.3	40.2	39.2
Percent of pupils enrolled	90.0	91.4	93.0	91.9	91.7	91.2	92.2	92.0	92.0
Average length of term in days	178.0	178.9	178.8	178.9	179.3	178.7	178.3	(NA)	(NA)
Average number of days attended per enrolled pupil	160.2	163.5	163.2	161.7	161.7	159.5	161.1	(NA)	(NA)
<b>INSTRUCTIONAL STAFF (day schools only)</b>									
<b>Total<sup>2</sup> (1,000)</b>	<b>1,464</b>	<b>1,885</b>	<b>2,071</b>	<b>2,253</b>	<b>2,322</b>	<b>2,425</b>	<b>2,476</b>	<b>2,351</b>	<b>2,337</b>
Classroom teachers (1,000)	1,355	1,786	1,864	2,023	2,070	2,155	2,196	2,208	2,199
Male <sup>4</sup> (1,000)	393	568	588	656	695	723	741	(NA)	(NA)
Percent <sup>4</sup>	29.0	31.8	31.5	32.4	33.7	33.5	33.7	(NA)	(NA)
Female <sup>4</sup> (1,000)	962	1,218	1,276	1,367	1,375	1,432	1,455	(NA)	(NA)
Principals (1,000)	64	77	86	91	97	100	104	(NA)	(NA)
Supervisors (1,000)	14	22	29	32	37	38	35	(NA)	(NA)
<b>REVENUES</b>									
<b>Total (mil. dol.)</b>	<b>14,747</b>	<b>25,357</b>	<b>31,903</b>	<b>40,267</b>	<b>50,004</b>	<b>58,231</b>	<b>71,206</b>	<b>81,440</b>	<b>83,655</b>
Federal (mil. dol.)	652	1,997	2,806	3,220	4,468	4,930	6,318	7,699	6,787
State (mil. dol.)	5,768	9,920	12,276	16,063	19,133	24,113	31,776	35,005	36,611
Local (incl. intermediate) (mil. dol.)	8,327	13,440	16,821	20,985	26,402	29,187	33,112	38,736	38,257
<b>EXPENDITURES</b>									
<b>Total (mil. dol.)</b>	<b>15,613</b>	<b>26,248</b>	<b>32,977</b>	<b>40,683</b>	<b>48,050</b>	<b>56,970</b>	<b>70,629</b>	<b>80,844</b>	<b>84,928</b>
Current expenditure for day schools (mil. dol.)	12,329	21,053	26,877	34,218	41,818	50,025	62,083	73,058	74,520
Other current expenditure <sup>5</sup> (mil. dol.)	133	848	866	636	935	945	554	789	1,514
Capital outlay (mil. dol.)	*2,662	3,755	4,256	4,659	4,459	4,979	6,146	5,245	6,367
Interest (mil. dol.)	490	792	978	1,171	1,378	1,514	1,846	1,952	2,528
<b>In current dollars:</b>									
Total expenditure:									
Per capita of total population (dol.)	87	135	167	200	233	271	332	374	389
Per pupil in average daily attendance in day schools <sup>6</sup> (dol.)	472	654	786	955	1,128	1,364	1,698	2,011	2,165
Current expenditure per pupil in average daily attendance in day schools <sup>10</sup> (dol.)	375	537	658	816	990	1,207	1,504	1,817	1,900
Salaries of total instructional staff (mil. dol.)	7,671	13,068	16,373	20,879	24,292	28,110	30,009	(NA)	(NA)
Average annual salary per member (dol.)	5,174	6,935	7,630	8,840	10,100	11,185	*12,448	*14,244	*14,970
<b>In 1979 dollars:</b>									
Total expenditure:									
Per capita of total population (dol.)	203	249	336	363	398	398	410	409	389
Per pupil in average daily attendance in day schools <sup>6</sup> (dol.)	1,101	1,208	1,583	1,732	1,878	2,004	2,097	2,200	2,165
Current expenditure per pupil in average daily attendance in day schools <sup>10</sup> (dol.)	875	992	1,325	1,480	1,648	1,773	1,857	1,988	1,900
Average annual salary per member of total instructional staff (dol.)	12,066	12,809	15,367	16,036	16,817	16,431	*15,373	*15,583	*14,970

NA Not available. <sup>1</sup>For 1960 and 1970, enumerated population as of April 1; for all other years, estimated population as of July 1 of preceding year. Excludes Armed Forces abroad.

<sup>2</sup>As of fall of preceding year. <sup>3</sup>Includes librarians and other nonsupervisory instructional staff, not shown separately.

<sup>4</sup>Estimated.

<sup>5</sup>Comprises summer schools, community colleges, adult education, and community services.

<sup>6</sup>Excludes adult education and community colleges. <sup>7</sup>Includes adult education, summer school, Head Start, and other education programs.

<sup>8</sup>Excludes capital outlay by State and local schoolhousing authorities.

<sup>9</sup>Based on current expenditures allocable to pupil costs, capital outlay, and interest.

<sup>10</sup>Excludes current expenditures not allocable to pupil costs.

Source: U.S. National Center for Education Statistics, *Statistics of State School Systems*, biennial; and *Statistics of Public Elementary and Secondary Schools*, annual.

# NO. 247. PUBLIC ELEMENTARY AND SECONDARY SCHOOL ENROLLMENT AND RATE, 1970 AND 1979, ATTENDANCE, 1979, AND LENGTH OF TERM, 1976—STATES

(Enrollment as of fall of preceding year. ADA=Average daily attendance; ADM=Average daily membership)

STATE	ENROLLMENT (1,000)		ENROLLMENT RATE <sup>1</sup>		Per- cent ADA of ADM, 1979	Avg. days in school year, 1976 (days)	STATE	ENROLLMENT (1,000)		ENROLLMENT RATE <sup>1</sup>		Per- cent ADA of ADM, 1979	Avg. days in school year, 1976 (days)
	1970	1979	1970	1979				1970	1979	1970	1979		
U.S.	45,619	42,611	86.9	88.7	93.5	178.3	S.A.—Con.						
N.E.	2,465	2,349	83.2	88.0	91.2	179.9	W. Va.	401	396	90.7	98.8	(NA)	179.1
Maine	240	240	92.7	96.8	93.8	175.4	N.C.	1,186	1,163	89.6	93.9	93.3	180.0
N.H.	152	172	90.4	87.3	93.6	179.6	S.C.	648	625	90.0	91.2	96.5	180.0
Vt.	100	101	85.5	91.0	96.0	177.0	Ga.	1,113	1,093	90.9	92.5	(NA)	180.0
Mass.	1,147	1,081	81.7	87.0	90.0	181.0	Fla.	1,408	1,514	87.5	91.1	(NA)	180.0
R.I.	180	181	80.0	79.7	91.4	180.0	E.S.C.	2,996	2,822	87.8	88.4	94.3	175.9
Conn.	646	594	84.1	88.8	91.0	180.0	Ky.	704	693	83.4	88.3	92.4	175.2
M.A.	7,287	6,478	80.2	82.3	90.8	179.0	Tenn.	891	873	88.9	91.3	93.8	175.7
N.Y.	3,514	3,094	80.6	81.5	89.8	177.3	Ala.	826	762	88.5	89.0	96.0	177.9
N.J.	1,465	1,337	80.6	83.4	90.6	180.3	Miss.	575	494	90.6	82.9	95.0	177.3
Pa.	2,318	2,047	79.3	82.6	92.2	180.6	W.S.C.	4,682	4,730	90.4	94.0	93.2	178.6
E.N.C.	9,119	8,112	85.1	86.6	(NA)	178.2	Ark.	480	457	92.6	94.6	95.0	175.0
Ohio	2,424	2,102	86.0	87.0	91.8	178.1	La.	854	817	82.0	84.4	91.8	179.7
Ind.	1,224	1,113	88.4	90.4	95.4	181.4	Okl.	613	589	95.6	96.7	94.2	175.1
Ill.	2,324	2,100	81.3	83.9	(NA)	174.1	Tex.	2,755	2,867	91.8	96.5	93.1	179.7
Mich.	2,166	1,911	88.5	88.8	(NA)	180.0	Mt.	2,100	2,279	90.9	96.7	93.8	170.7
Wis.	980	886	81.5	83.4	(NA)	180.1	Mont.	175	164	89.3	82.1	94.5	180.7
W.N.C.	3,817	3,269	88.8	87.5	(NA)	176.6	Idaho	180	203	90.0	100.0	88.6	180.0
Minn.	914	808	87.0	88.7	93.5	175.8	Wyo.	87	94	93.5	100.0	93.3	180.4
Iowa	581	569	88.9	88.5	94.5	175.5	Colo.	538	558	91.5	95.9	96.0	179.7
Mo.	1,077	900	91.0	86.4	96.5	180.1	N. Mex.	276	279	89.0	93.6	95.0	180.0
N. Dak.	148	122	84.6	82.4	96.5	180.1	Ariz.	418	510	86.0	96.2	92.0	175.0
S. Dak.	187	138	89.3	89.0	94.5	175.7	Utah	302	325	96.8	100.0	93.2	180.0
Neb.	331	298	85.3	89.0	95.8	176.8	Nev.	124	146	98.4	98.6	97.0	180.0
Kans.	519	434	90.8	88.4	93.8	180.0	Pac.	6,153	5,890	91.8	90.2	(NA)	176.8
S.A.	7,004	6,881	89.0	91.9	(NA)	180.2	Wash.	820	769	93.2	94.2	93.1	180.0
Del.	130	111	87.2	85.4	92.5	180.0	Oreg.	479	471	89.7	82.2	93.3	178.0
Md.	892	810	85.7	87.0	91.3	181.4	Calif.	4,598	4,188	92.0	89.5	(NA)	176.0
D.C.	149	114	90.9	88.4	83.8	182.0	Alaska	77	81	87.7	87.5	(NA)	179.9
Va.	1,077	1,055	89.9	93.8	92.9	180.4	Hawaii	179	171	87.3	85.5	92.0	177.9

NA Not available. <sup>1</sup> Percent of persons, 5-17 years, 1970 based on resident population as of April 1, 1970; 1979, on estimated resident population as of July 1, 1978. <sup>2</sup> Estimated.

Source: U.S. National Center for Education Statistics, *Statistics of State School Systems*, biennial; and *Digest of Education Statistics*, annual.

## NO. 248. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, BY GRADE: 1960 TO 1979

[For school year through 1970; thereafter, as of fall of year. 1979 data are preliminary. Beginning 1975, kindergarten includes nursery schools. Ungraded and special classes prorated among grades. Twelfth grade includes postgraduates. See also *Historical Statistics, Colonial Times to 1970*, series H 420-424]

GRADE	ENROLLMENT (1,000)								PERCENT DISTRIBUTION			
	1960	1965	1970	1975	1976	1977	1978	1979	1960	1970	1975	1979
Pupils enrolled	36,087	42,280	46,531	44,838	44,334	43,734	42,611	41,574	100.0	100.0	100.0	100.0
Kindergarten and grades 1-9	27,602	30,652	33,249	30,544	30,012	29,431	28,455	27,861	76.5	71.5	68.1	67.1
Kindergarten	1,923	2,250	2,653	3,058	3,000	2,851	2,718	2,754	5.3	5.7	6.8	6.6
First	3,733	4,014	4,026	3,365	3,460	3,418	3,151	3,025	10.3	8.7	7.5	7.3
Second	3,436	3,800	3,576	3,150	3,204	3,315	3,239	2,981	9.5	8.4	7.0	7.2
Third	3,302	3,662	3,883	3,163	3,104	3,176	3,249	3,186	9.2	8.3	7.1	7.7
Fourth	3,146	3,523	3,820	3,247	3,143	3,100	3,134	3,222	8.7	8.2	7.2	7.8
Fifth	3,118	3,465	3,777	3,415	3,239	3,142	3,066	3,144	8.6	8.1	7.6	7.6
Sixth	3,070	3,362	3,721	3,610	3,425	3,243	3,124	3,087	8.5	8.0	8.1	7.4
Seventh	3,173	3,363	3,825	3,760	3,716	3,521	3,321	3,219	8.8	8.2	8.4	7.7
Eighth	2,701	3,212	3,668	3,776	3,721	3,664	3,452	3,260	7.5	7.9	8.4	7.8
Grades 9-12	8,485	11,628	13,282	14,294	14,322	14,303	14,156	13,692	23.5	28.5	31.9	32.9
Ninth	2,412	3,198	3,708	3,971	3,919	3,888	3,858	3,633	6.7	8.0	8.9	8.7
Tenth	2,258	3,085	3,541	3,814	3,831	3,799	3,738	3,644	6.3	7.6	8.5	8.8
Eleventh	2,063	2,778	3,171	3,430	3,462	3,487	3,429	3,348	5.7	6.8	7.6	8.1
Twelfth	1,752	2,567	2,862	3,079	3,110	3,128	3,130	3,067	4.8	6.1	6.9	7.4

Source: U.S. National Center for Education Statistics, *Statistics of State School Systems*, biennial; beginning 1975, *Statistics of Public Elementary and Secondary Day Schools*, annual.

# NO. 249. CHARACTERISTICS OF PRIVATE SCHOOLS, BY LEVEL AND CHURCH AFFILIATION: 1976 AND 1978

[As of October. Elementary includes any combination of grades from prekindergarten through 8. Secondary includes any combination of grades from 7 through 12. Combined must include at least one grade below grade 7 and one above grade 8]

LEVEL AND ITEM	ALL NONPUBLIC SCHOOLS		NO AFFILIATION		CHURCH AFFILIATION					
					Total		Catholic		Other	
	1976	1978	1976	1978	1976	1978	1976	1978	1976	1978
<b>Total:</b>										
Schools .....	20,081	19,863	4,171	3,944	15,910	15,719	9,966	9,849	5,944	5,870
Pupils (1,000) .....	5,167	5,084	758	747	4,409	4,338	3,423	3,270	988	1,068
Teachers <sup>1</sup> .....	268,908	272,864	62,331	63,232	206,577	209,432	146,251	143,352	60,326	66,080
Pupil/Teacher ratio .....	19.2	18.6	12.2	11.8	21.3	20.7	23.4	22.8	16.3	16.2
<b>Elementary: <sup>2</sup></b>										
Schools .....	12,965	12,749	1,476	1,384	11,489	11,365	8,092	8,020	3,397	3,345
Pupils (1,000) .....	3,081	2,989	184	184	2,896	2,804	2,464	2,342	433	462
Teachers <sup>1</sup> .....	133,307	133,031	14,066	13,788	119,241	119,243	95,031	93,028	24,210	26,215
Pupil/Teacher ratio .....	23.1	22.5	13.1	13.3	24.3	23.5	25.9	25.2	17.9	17.6
<b>Secondary:</b>										
Schools .....	2,484	2,418	473	445	2,011	1,973	1,552	1,518	459	455
Pupils (1,000) .....	1,080	1,069	97	100	983	969	882	857	101	112
Teachers <sup>1</sup> .....	62,121	62,604	9,086	9,231	53,035	53,373	45,754	44,940	7,281	8,433
Pupil/Teacher ratio .....	17.4	17.1	10.7	10.8	18.5	18.1	19.3	19.1	13.9	13.3
<b>Combined:</b>										
Schools .....	3,420	3,348	1,276	1,219	2,144	2,129	140	135	2,004	1,994
Pupils (1,000) .....	905	937	401	396	504	540	58	53	446	488
Teachers <sup>1</sup> .....	61,244	64,448	29,946	30,652	31,298	33,796	3,189	2,960	28,109	30,836
Pupil/Teacher ratio .....	14.8	14.5	13.4	12.9	16.1	16.0	18.2	17.8	15.9	15.8
<b>Other <sup>3</sup>:</b>										
Schools .....	1,212	1,148	948	886	266	252	182	176	84	76
Pupils (1,000) .....	101	90	76	66	25	24	19	18	6	6
Teachers .....	12,236	12,581	9,233	9,561	3,003	3,020	2,277	2,424	726	596
Pupil/Teacher ratio .....	8.2	7.2	8.2	6.9	8.4	7.9	8.2	7.5	8.9	9.7

<sup>1</sup> Full-time equivalent teachers. <sup>2</sup> Includes middle schools. <sup>3</sup> Includes special education, vocational/technical, and alternative schools regardless of grade span.

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

## NO. 250. CATHOLIC ELEMENTARY AND SECONDARY SCHOOLS: 1960 TO 1979

[As of October 1. Regular sessions only. See also *Historical Statistics, Colonial Times to 1970*, series H 535-544]

ITEM	UNIT	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>Elementary schools</b> .....	Number .....	10,501	10,879	9,362	8,569	8,437	8,340	8,281	8,204	8,159	8,100
Pupils enrolled .....	1,000 .....	4,373	4,492	3,355	2,714	2,602	2,525	2,483	2,421	2,365	2,293
Teachers, total .....	1,000 .....	120	112	103	100	99	100	100	100	99	98
Religious .....	1,000 .....	79	76	52	41	38	35	34	32	29	27
Lay .....	1,000 .....	29	44	60	62	62	64	66	68	70	71
<b>Secondary schools</b> .....	Number .....	2,392	2,413	1,981	1,728	1,690	1,653	1,623	1,593	1,564	1,540
Pupils enrolled .....	1,000 .....	880	1,082	1,008	907	902	890	882	867	853	846
Teachers, total .....	1,000 .....	44	57	54	51	50	50	51	51	49	49
Religious .....	1,000 .....	33	38	28	23	21	20	19	18	16	15
Lay .....	1,000 .....	11	19	26	29	29	30	32	33	33	34

Source: National Catholic Educational Association, Washington, D.C., *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. 251. SCHOOL ENROLLMENT OF INDIAN CHILDREN: 1960 TO 1977

[In thousands, except percent. As of fall. Relates to children 6-18 years of age through 1965; 5-18 thereafter]

STATUS OF CHILDREN	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977
<b>Total</b> .....	146	149	206	207	213	205	209	209	216	219
In school .....	133	134	186	190	197	188	190	190	202	206
Percent of total .....	91.3	89.7	90.3	91.8	92.5	91.7	90.9	90.9	93.5	94.1
Federal .....	37	43	48	49	48	48	48	47	46	46
Public .....	85	82	127	131	139	129	134	133	145	149
Other .....	11	9	11	11	10	11	10	10	11	11
Not in school .....	9	9	12	10	9	8	8	11	9	8
Unknown <sup>1</sup> .....	4	7	8	7	7	9	11	8	5	5

<sup>1</sup> Children recorded on census records but residing off the reservation.

Source: U.S. Bureau of Indian Affairs, *Statistics Concerning Indian Education*, annual.

# **NO. 252. BLACK AND HISPANIC ENROLLMENT IN PUBLIC ELEMENTARY AND SECONDARY SCHOOLS: 1970 TO 1978**

[As of fall. Excludes Hawaii. Data are estimated from results of a survey of public school districts with a substantial minority group enrollment. "Minority group" refers to Blacks, American Indians, Alaskan Natives, Asian or Pacific Islanders, and Hispanics]

ITEM	1970	1974	1976	1978	ITEM	1970	1974	1976	1978
<b>Total enrollment (1,000)</b> ..	<b>44,910</b>	<b>45,988</b>	<b>43,540</b>	<b>41,571</b>	<b>Total enrollment (1,000)</b> ..	<b>44,910</b>	<b>45,988</b>	<b>43,540</b>	<b>41,571</b>
Black (1,000) .....	6,713	6,684	6,772	6,565	Hispanic (1,000) .....	2,275	2,577	2,797	2,884
Percent Black—					Percent Hispanic—				
Of total enrollment .....	14.9	14.5	15.6	15.8	Of total enrollment .....	5.1	5.6	6.4	6.9
By minority group enrollment in—					By minority group enrollment in—				
Schools under 50 percent .....	33.1	37.1	43.2	(NA)	Schools under 50 percent .....	44.2	42.3	40.1	(NA)
Schools 50-100 percent .....	66.9	63.0	56.8	(NA)	Schools 50-100 percent .....	55.8	57.8	59.9	(NA)
Schools 95-100 percent .....	38.2	33.6	(NA)	(NA)	Schools 95-100 percent .....	16.3	(NA)	(NA)	(NA)
Schools 100 percent .....	14.0	11.4	(NA)	(NA)	Schools 100 percent .....	1.8	1.2	(NA)	(NA)

NA Not available.

Source: U.S. Dept. of Education, Office of the Assistant Secretary for Civil Rights, *Distribution of Students by Racial/Ethnic Composition of Schools, 1970-1976* (vol. I), and *State and National Summaries of Data Collected by the Elementary and Secondary Schools Civil Rights Survey, 1976 and 1978*.

## **NO. 253. MINORITY ENROLLMENT IN PUBLIC ELEMENTARY AND SECONDARY SCHOOLS, BY MINORITY-GROUP SCHOOL ENROLLMENT, 1976 AND 1978, AND BY STATES, 1978**

[As of fall. "Minority group" refers to Blacks, American Indians, Alaskan Natives, Asian or Pacific Islanders, and Hispanics. Data are based on a survey of public school districts with a substantial minority-group enrollment. Extent of undercoverage (school districts not included) will vary by State]

STATE	Total minority enrollment <sup>1</sup> (1,000)	MINORITY-GROUP SCHOOL ENROLLMENT						STATE	Total minority enrollment <sup>1</sup> (1,000)	MINORITY-GROUP SCHOOL ENROLLMENT					
		Under 50 percent		90-100 percent	99-100 percent		Under 50 percent			90-100 percent	99-100 percent				
		Total (1,000)	Per-cent	Number (1,000)	Per-cent	Total (1,000)	Per-cent			Total (1,000)	Per-cent	Number (1,000)	Per-cent		
Total, 1976	10,747.0	4,287.0	39.8	3,379.8	1,829.2	17.0	Miss.	236.0	67.8	28.7	71.7	36.6	15.5		
Total, 1978	10,336.5	4,088.4	39.6	3,115.6	1,663.9	16.1	Mo.	136.9	48.6	35.5	64.7	42.9	31.3		
Ala.	252.4	104.8	41.5	88.4	60.3	23.9	Mont.	13.0	8.5	64.9	2.7	.4	2.9		
Alaska	25.0	12.5	50.1	9.8	3.7	14.7	Nebr.	22.8	18.5	81.0	.8	.8	3.3		
Ariz.	171.9	89.6	40.4	37.3	4.1	2.4	Nev.	24.9	22.6	90.7	.5	-	-		
Ark.	103.6	50.6	48.9	4.4	.8	.8	N.H.	1.7	1.7	100.0	-	-	-		
Calif.	1,487.0	621.6	41.8	311.5	152.0	10.2	N.J.	345.5	113.7	32.9	140.4	54.4	15.8		
Colo.	112.6	73.1	64.9	.7	.1	.1	N. Mex.	151.1	41.3	27.3	27.9	2.5	1.7		
Conn.	93.3	47.4	50.9	25.0	7.9	8.5	N.Y.	948.2	216.0	22.8	502.0	256.7	27.1		
Del.	29.2	27.6	94.4	-	-	-	N.C.	368.9	228.5	62.0	17.5	4.9	1.3		
D.C.	109.4	.7	.6	103.0	87.4	79.9	N. Dak.	7.6	3.0	38.8	3.4	1.7	22.7		
Fla.	466.1	258.3	55.4	70.5	18.1	3.9	Ohio	300.9	117.2	38.9	102.6	64.6	21.5		
Ga.	351.5	136.2	38.7	95.6	55.1	15.7	Okla.	127.4	95.0	74.6	5.4	.1	.1		
Hawaii	131.9	6.1	4.6	44.1	.7	.5	Oreg.	33.2	30.2	91.0	.1	-	-		
Idaho	11.9	11.3	94.0	-	-	-	Pa.	284.5	90.4	31.8	132.9	81.5	28.6		
Ill.	567.0	124.9	22.0	359.4	287.5	50.7	R.I.	11.8	9.9	83.4	-	-	-		
Ind.	119.3	57.7	48.4	36.5	22.6	19.0	S.C.	266.4	105.5	39.6	38.8	21.2	8.0		
Iowa	21.5	19.7	91.7	.1	.1	.2	S.Dak.	9.9	7.5	76.1	.7	.1	.5		
Kans.	48.8	40.2	82.3	3.8	2.3	4.7	Tenn.	184.1	69.9	37.9	55.1	27.2	14.8		
Ky.	61.4	53.8	87.7	1.3	1.2	1.9	Tex.	1,144.1	361.4	31.6	393.8	131.1	11.5		
La.	337.1	125.6	37.3	119.4	81.7	24.2	Utah	23.6	21.8	92.3	1.0	.1	.4		
Maine	2.0	2.0	100.0	-	-	-	Vt.	.6	.6	100.0	-	-	-		
Md.	259.9	105.7	40.7	75.2	54.2	20.8	Va.	283.2	138.6	48.9	16.1	3.0	1.1		
Mass.	98.8	48.5	49.1	1.0	-	-	Wash.	79.7	64.5	80.9	.9	.1	.1		
Mich.	334.1	102.0	30.5	140.1	86.6	25.9	W. Va.	21.3	19.3	91.0	.7	.7	3.4		
Minn.	38.5	35.3	91.7	.2	-	-	Wis.	66.7	44.2	66.3	10.6	7.0	10.5		
							Wyo.	8.1	6.9	84.7	.3	-	-		

— Represents zero.

<sup>1</sup> Includes categories not shown separately.

Source: U.S. Office for Civil Rights, *State and National Summaries of Data Collected by The Elementary and Secondary Schools Civil Rights Survey, 1976 and 1978*.

**NO. 254. ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT AND TEACHERS, BY TYPE OF CONTROL: 1960 TO 1978, AND PROJECTIONS TO 1985**

[In thousands, except percent and ratio. As of fall of year. Enrollment data are not directly comparable with enrollment figures given for an entire school year in other tables. Schools are classified by type of organization, rather than by grade group; elementary includes kindergarten; secondary includes junior high schools. Data for nonpublic schools and, beginning 1975, for classroom teachers in public schools, are estimated, except as indicated]

ENROLLMENT AND TEACHERS	1960	1965	1970	1975	1976	1977	1978	1980, proj.	1985, proj.
<b>PUPILS ENROLLED</b>									
<b>Total</b> .....	<b>42,181</b>	<b>48,473</b>	<b>51,309</b>	<b>49,791</b>	<b>49,316</b>	<b>48,577</b>	<b>47,611</b>	<b>45,796</b>	<b>43,748</b>
Annual percent change <sup>1</sup> .....	6.6	2.8	1.1	-6	-1.0	-1.5	-2.0	-1.9	-9
Elementary .....	29,150	31,570	31,601	29,240	29,029	28,554	28,652	27,243	26,794
Secondary .....	13,031	16,904	19,708	20,551	20,287	20,023	18,959	18,553	16,954
Public .....	36,281	42,173	45,909	44,791	44,316	43,577	42,611	40,696	38,548
Elementary .....	24,350	26,670	27,501	25,640	25,429	24,954	25,052	23,643	22,994
Secondary .....	11,931	15,504	18,408	19,151	18,887	18,623	17,559	17,053	15,554
Nonpublic .....	5,900	6,300	5,400	5,000	5,000	5,000	5,000	5,100	5,200
Elementary .....	4,800	4,900	4,100	3,600	3,600	3,600	3,600	3,600	3,800
Secondary .....	1,100	1,400	1,300	1,400	1,400	1,400	1,400	1,500	1,400
<b>CLASSROOM TEACHERS</b>									
<b>Total</b> .....	<b>1,600</b>	<b>1,933</b>	<b>2,288</b>	<b>2,444</b>	<b>2,449</b>	<b>2,470</b>	<b>2,460</b>	<b>2,413</b>	<b>2,393</b>
Annual percent change <sup>1</sup> .....	4.5	3.9	3.4	1.3	.2	.9	-.4	-1.0	-.2
Elementary .....	991	1,112	1,281	1,344	1,341	1,359	1,352	1,324	1,375
Secondary .....	609	822	1,007	1,100	1,108	1,111	1,108	1,089	1,018
Public .....	1,408	1,710	2,055	2,196	2,186	2,209	2,199	2,141	2,108
Elementary .....	858	965	1,128	1,180	1,168	1,185	1,178	1,144	1,175
Secondary .....	550	748	927	1,016	1,020	1,024	1,021	998	933
Nonpublic .....	192	223	233	248	263	261	261	271	285
Elementary .....	133	<sup>2</sup> 147	<sup>2</sup> 153	164	175	174	174	180	200
Secondary .....	59	<sup>2</sup> 76	<sup>2</sup> 80	84	88	87	87	91	85
<b>PUPIL-TEACHER RATIO</b>									
Public: Elementary .....	28.4	27.6	24.4	21.7	21.8	21.1	21.3	20.7	19.6
Secondary .....	21.7	20.8	19.8	18.8	18.5	18.2	17.2	17.1	16.7
Nonpublic: Elementary .....	38.1	33.5	26.5	21.7	20.8	20.5	20.4	19.9	19.1
Secondary .....	18.3	18.1	16.4	16.4	16.4	16.4	16.5	16.4	16.4

<sup>1</sup> Average from prior year shown; for 1960, from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. <sup>2</sup> Reported data from Office of Education surveys.

Source: U.S. National Center for Education Statistics, *Projections of Education Statistics*; and unpublished data.

**NO. 255. PUBLIC SCHOOL EMPLOYMENT, BY OCCUPATION, 1974 TO 1976, AND BY SEX AND RACE, 1975 AND 1976**

[In thousands. Covers full-time employment. Excludes Hawaii and District of Columbia. Based on sample survey of school districts with 250 or more students; see source for sampling variability]

OCCUPATION	1974, total	1975					1976				
		Total <sup>1</sup>	Male	Fe- male	White <sup>2</sup>	Black <sup>2</sup>	Total <sup>1</sup>	Male	Fe- male	White <sup>2</sup>	Black <sup>2</sup>
<b>All occupations</b> .....	<b>3,452</b>	<b>3,590</b>	<b>1,273</b>	<b>2,317</b>	<b>3,001</b>	<b>461</b>	<b>3,599</b>	<b>1,278</b>	<b>2,321</b>	<b>3,010</b>	<b>455</b>
Officials, administrators .....	39	43	37	7	40	2	45	37	7	41	3
Principals and assistant principals .....	107	112	94	18	98	12	111	93	17	96	12
Classroom teachers <sup>3</sup> .....	1,995	2,047	696	1,351	1,791	209	2,047	701	1,345	1,788	208
Elementary schools .....	987	1,005	168	836	865	114	992	169	823	853	112
Secondary schools .....	885	902	488	414	808	75	908	493	415	812	75
Other professional staff .....	226	237	78	159	205	26	239	78	161	207	25
Teachers aides <sup>4</sup> .....	220	240	19	221	161	54	236	18	218	161	50
Clerical, secretarial staff .....	215	230	5	225	203	18	236	5	231	208	18
Service workers <sup>5</sup> .....	649	681	344	337	504	141	686	346	340	511	139

<sup>1</sup> Includes other races and individuals of Spanish origin, not shown separately.

<sup>2</sup> Excludes individuals of Spanish origin. <sup>3</sup> Includes other classroom teachers, not shown separately.

<sup>4</sup> Includes technicians. <sup>5</sup> Includes craftworkers and laborers.

Source: U.S. Equal Employment Opportunity Commission, *Employment Opportunity in the Schools*, 1976 and 1977; and unpublished data.

# **NO. 256. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—NUMBER AND AVERAGE SALARY OF CLASSROOM TEACHERS, 1960 TO 1980, AND BY STATES, 1980**

[Estimates for school year ending in June. Schools classified by type of organization rather than by grade-group; elementary includes kindergarten]

YEAR AND STATE	TEACHERS (1,000)			AVG. SALARY (\$1,000)			STATE	TEACHERS (1,000)			AVG. SALARY (\$1,000)		
	Total	Elementary	Secondary	All teachers	Elementary	Secondary		Total	Elementary	Secondary	All teachers	Elementary	Secondary
1960.....	1,355	834	521	5.0	4.8	5.3	Maine.....	11.8	6.9	4.9	13.1	12.6	13.8
1965.....	1,648	940	708	6.2	6.0	6.5	Md.....	41.9	19.8	22.1	17.6	17.4	17.7
1970.....	2,008	1,109	899	8.6	8.4	8.9	Mass.....	68.0	29.0	37.0	17.5	17.3	17.7
1972.....	2,086	1,124	962	9.7	9.4	10.0	Mich.....	80.6	41.9	38.7	18.8	18.7	19.0
1973.....	2,109	1,143	966	10.2	9.9	10.5	Minn.....	43.5	20.1	23.4	16.8	16.1	17.3
1974.....	2,138	1,152	986	10.8	10.5	11.1	Miss.....	26.6	14.8	11.8	11.9	11.6	12.2
1975.....	2,171	1,169	1,001	11.7	11.3	12.0	Mo.....	48.7	24.7	24.0	13.7	13.5	14.0
1976.....	2,191	1,170	1,021	12.6	12.3	12.9	Mont.....	9.6	5.2	4.4	14.7	14.1	15.4
1977.....	2,192	1,178	1,013	13.3	12.9	13.7	Nebr.....	18.4	9.7	8.8	13.5	12.9	14.1
1978.....	2,199	1,176	1,022	14.2	13.9	14.6	Nev.....	6.6	3.3	3.2	16.4	16.3	16.5
1979.....	2,196	1,187	1,009	15.1	14.7	15.4	N.H.....	9.2	4.9	4.3	12.6	12.2	13.0
1980, U.S.....	2,184	1,182	1,003	16.0	15.7	16.4	N.J.....	78.4	44.7	33.7	17.1	16.8	17.4
Ala.....	36.5	17.3	19.2	13.5	12.9	14.1	N. Mex.....	13.8	6.7	7.1	13.9	13.5	14.3
Alaska.....	5.2	2.8	2.4	26.2	25.9	26.5	N.Y.....	171.8	79.0	92.8	19.2	19.1	19.3
Ariz.....	24.3	16.9	7.4	15.8	15.3	16.0	N.C.....	55.8	37.7	18.1	14.4	14.2	14.7
Ark.....	23.9	11.8	12.1	12.4	12.1	12.7	N. Dak.....	7.2	4.3	2.9	13.1	13.0	13.4
Calif.....	177.0	105.5	71.5	19.1	18.7	19.6	Ohio.....	99.3	54.6	44.7	15.2	14.8	15.7
Colo.....	27.2	13.0	14.2	16.0	15.9	16.0	Okl.....	33.0	17.2	15.9	13.2	12.9	13.5
Conn.....	34.2	20.5	13.7	16.3	16.2	16.6	Oreg.....	24.8	14.9	9.9	16.3	15.9	16.7
Del.....	6.0	2.6	3.4	16.2	15.9	16.4	Pa.....	109.1	51.2	57.8	16.8	16.5	17.0
D.C.....	5.9	3.5	2.4	22.2	22.3	22.1	R.I.....	9.3	5.1	4.2	17.9	17.1	18.3
Fla.....	75.2	38.2	37.0	14.6	14.4	14.7	S.C.....	30.0	18.3	11.8	13.0	12.6	13.5
Ga.....	52.5	32.8	19.7	14.0	13.8	14.4	S. Dak.....	8.2	5.2	3.0	12.2	12.0	12.4
Hawaii.....	8.0	4.7	3.2	19.8	20.0	19.4	Tenn.....	41.2	25.2	15.9	13.7	13.5	13.9
Idaho.....	9.7	5.1	4.6	13.6	13.3	13.9	Tex.....	158.5	81.0	77.5	14.0	13.7	14.3
Ill.....	109.5	72.2	37.3	17.4	17.0	18.4	Utah.....	14.2	7.5	6.7	15.0	14.6	15.5
Ind.....	53.9	26.7	27.1	15.1	14.7	15.5	Vt.....	6.2	3.3	2.9	12.4	12.0	12.9
Iowa.....	32.2	15.2	17.0	15.0	14.5	15.5	Va.....	61.2	35.0	26.2	14.0	13.5	14.7
Kans.....	25.5	13.6	11.9	14.0	14.0	14.1	Wash.....	35.0	19.4	15.6	18.7	18.6	19.3
Ky.....	33.5	21.1	12.4	14.5	14.1	15.2	W. Va.....	21.7	11.7	10.0	13.6	13.3	14.1
La.....	42.5	23.6	18.9	13.8	13.6	14.0	Wis.....	54.2	29.2	25.0	15.9	15.5	16.4
							Wyo.....	6.0	3.1	3.0	16.0	15.4	16.5

Source: National Education Association, Washington, D.C., *Estimates of School Statistics, 1979-80*. (Copyright © 1980 by the National Education Association. All rights reserved.)

## **NO. 257. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—CLASSROOM TEACHERS, BY EXPERIENCE AND DEGREES HELD: 1966 TO 1979**

[As of spring. Based on sample and subject to sampling variability]

EXPERIENCE AND DEGREE	1966		1971		1976		1979		Men	Women
	Elementary	Secondary	Elementary	Secondary	Elementary	Secondary	Elementary	Secondary		
Percent with teaching experience of:										
1-2 years.....	16.2	21.0	15.2	18.5	10.1	12.5	7.9	8.4	6.3	8.0
3-4 years.....	12.2	16.7	16.4	14.7	15.9	15.9	8.1	8.3	7.0	8.9
5-9 years.....	19.8	23.9	21.4	27.7	28.6	29.0	30.6	27.4	25.4	30.6
10-14 years.....	14.1	14.3	14.3	17.2	15.6	19.0	19.3	24.3	28.5	20.3
15-19 years.....	11.0	8.5	10.4	8.9	12.1	12.9	14.2	14.5	15.7	13.5
20 years or more.....	26.7	15.7	22.5	13.7	17.5	10.6	19.6	17.1	19.1	18.7
Median <sup>1</sup> (years).....	10	7	8	7	8	8	10	11	11	10
Percent, highest degree held:										
No degree.....	12.9	.6	1.0	.4	.6	.6	.1	.4	.5	.3
2-year degree.....	71.4	67.7	74.5	64.2	59.8	53.8	59.3	48.1	42.2	59.9
Bachelor's degree.....	14.9	29.6	20.3	32.5	27.1	41.2	36.1	45.0	50.0	35.6
Master's degree.....	1.8	1.9	.6	1.4	2.2	3.3	4.2	5.6	6.3	3.8
Professional degree, 6 years.....	-	.3	-	.8	.1	.7	.3	.9	1.0	.4
Doctor's degree.....	-	-	-	-	-	-	-	-	-	-

- Represents zero or rounds to zero.

<sup>1</sup> For definition of median, see Guide to Tabular Presentation.

Source: National Education Association, Washington, D.C., *Status of the American Public School Teacher, 1965-66, 1970-71, and 1975-76*, and unpublished data. (Copyright © 1967, 1972, and 1977 by the National Education Association. All rights reserved.)

## NO. 258. PUBLIC SCHOOL PUPIL TRANSPORTATION: 1940 TO 1977

[Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series H 531-534]

ITEM	1940	1950	1960	1968	1970	1972	1974	1976	1977
Pupils transported:									
At public expense <sup>1</sup> (mil.)	4.1	6.9	12.2	17.1	18.2	19.5	21.3	21.7	22.5
Percent of pupils in ADA <sup>1</sup>	16.3	27.7	37.6	42.0	43.4	46.1	51.5	52.8	55.2
Expenditure of public funds <sup>2</sup> (mil. dol.)	83	215	486	981	1,219	1,508	1,858	2,377	2,502
Cost per pupil transported <sup>1</sup> (dol.)	20	31	40	57	67	77	87	109	111

<sup>1</sup> Prior to 1960 based on enrollment; thereafter, average daily attendance (ADA). <sup>2</sup> Excludes capital outlay.Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

## NO. 259. PUBLIC SCHOOL TRANSPORTATION—SUMMARY, BY STATES: 1970 TO 1976

[ADA = Average daily attendance. Data refer to elementary and secondary schools]

STATE	ADA OF PUPILS TRANSPORTED AT PUBLIC EXPENSE						EXPENDITURES FOR TRANSPORTING PUPILS				
	Pupils transported (1,000)			Percent of total ADA			Total (mil. dol.)			Avg. per pupil	
	1970	1974	1976	1970	1974	1976	1970	1974	1976	1970	1976
U.S. <sup>1</sup>	18,193.6	21,347.0	21,772.5	43.4	51.5	52.8	1,218.6	1,858.1	2,377.3	\$66.96	\$109.19
Ala.	396.5	425.1	442.8	51.0	58.8	61.8	13.6	19.6	25.1	34.39	56.75
Alaska	27.8	34.6	37.3	38.4	44.5	45.7	4.3	7.3	10.6	156.31	269.35
Ariz.	139.8	183.5	188.4	35.7	40.7	37.0	6.3	10.4	21.5	45.11	127.38
Ark.	210.5	249.5	261.5	50.8	59.6	61.0	11.3	15.6	20.6	53.46	78.94
Calif.	920.4	1,500.0	950.4	20.8	34.4	21.8	74.9	110.5	91.7	81.39	96.47
Colo.	161.0	212.5	240.3	32.2	39.8	45.6	11.3	19.0	24.6	69.96	102.50
Conn.	359.8	398.8	396.8	58.1	63.2	66.6	22.2	32.5	40.1	61.84	100.97
Del.	71.5	80.5	81.5	59.2	66.5	69.4	4.8	8.0	9.6	67.51	118.13
D.C. <sup>2</sup>	2.6	2.1	1.1	1.8	1.7	.9	1.7	8.8	8.3	( <sup>2</sup> )	( <sup>2</sup> )
Fla.	418.0	633.9	727.8	31.8	45.2	50.7	19.8	42.6	56.6	47.39	77.76
Ga.	550.1	640.3	692.3	54.0	64.8	69.3	24.6	36.0	51.6	44.73	74.54
Hawaii	29.0	40.0	35.5	17.2	24.8	21.8	2.5	3.8	5.9	85.72	165.33
Idaho	87.6	93.4	104.2	51.2	53.7	57.2	5.2	6.7	10.3	59.34	96.68
Ill.	662.1	745.5	761.5	31.8	36.8	39.3	50.8	90.5	119.2	76.67	156.57
Ind.	585.5	651.6	659.0	52.7	60.4	62.8	36.9	49.2	63.6	63.10	96.58
Iowa	269.0	286.2	280.5	43.1	46.5	48.8	23.8	30.1	40.8	87.67	145.57
Kans.	168.0	160.2	161.3	35.7	37.4	38.5	14.6	17.8	18.0	86.71	111.80
Ky.	403.8	437.7	420.0	62.3	67.1	67.5	18.8	26.7	42.3	46.55	100.76
La.	486.4	588.3	548.9	62.6	74.6	71.5	29.7	43.5	58.4	61.08	106.39
Maine	145.5	166.7	175.5	64.6	73.0	77.0	8.7	13.2	17.3	60.11	98.47
Md.	451.3	528.8	515.4	57.4	65.8	64.9	29.0	44.9	57.2	64.29	110.92
Mass.	468.1	628.0	715.8	44.3	58.9	66.8	31.4	65.5	81.6	67.11	114.00
Mich.	748.8	913.9	937.2	37.6	46.0	47.5	56.2	92.8	122.7	75.07	130.89
Minn.	429.9	499.4	618.2	49.7	60.0	74.7	40.9	57.2	79.1	95.21	126.41
Miss.	293.3	293.5	306.0	55.9	60.7	63.9	14.6	18.8	24.8	49.74	81.02
Mo.	581.4	628.3	636.9	64.2	70.5	73.6	30.2	42.9	53.4	51.91	83.78
Mont.	50.1	57.2	56.0	30.8	35.6	35.8	6.8	9.0	10.9	(NA)	194.76
Nebr.	56.0	65.8	69.2	17.8	21.7	23.3	7.3	10.7	15.0	131.04	216.95
Nev.	45.3	44.4	46.9	39.9	36.1	35.9	2.9	4.4	6.9	63.63	150.54
N.H.	75.6	87.4	106.9	53.9	55.8	68.9	4.9	7.8	10.0	65.34	93.25
N.J.	540.3	612.7	610.4	40.9	46.1	46.6	45.2	73.3	92.2	83.68	151.01
N. Mex.	117.5	127.8	131.9	45.2	52.1	51.4	8.5	10.8	15.3	72.29	116.31
N.Y.	11,520.8	11,657.5	1,910.8	49.1	55.6	63.4	196.7	299.4	368.4	129.33	192.77
N.C.	629.9	726.2	744.8	57.0	65.5	66.5	21.4	34.4	42.9	33.91	57.86
N. Dak.	58.2	55.2	53.7	41.7	41.4	42.5	7.6	9.5	12.2	128.58	227.03
Ohio	1,042.2	1,208.9	1,248.8	46.4	55.9	59.4	44.5	68.0	88.5	42.71	70.89
Okla.	187.6	288.9	286.4	33.4	48.1	51.3	12.5	19.9	25.5	66.58	89.15
Oreg.	241.7	259.4	253.7	55.3	60.4	59.7	14.3	21.6	31.6	59.32	124.38
Pa.	1,229.4	1,364.1	1,507.8	56.7	64.2	73.0	72.0	105.8	135.9	58.55	90.11
R.I.	82.5	96.3	94.5	50.5	58.4	59.6	4.9	8.1	9.0	59.37	95.57
S.C.	404.9	384.8	403.0	67.4	67.7	68.1	10.3	16.7	21.7	25.27	53.88
S. Dak.	45.9	55.0	53.2	28.9	36.9	37.7	5.5	7.8	9.5	119.11	178.53
Tenn.	411.0	496.5	521.3	49.2	60.7	63.1	18.0	28.4	36.6	43.69	70.11
Tex.	535.0	694.7	734.9	22.0	27.6	28.8	29.4	42.8	64.7	55.01	88.01
Utah	90.4	93.3	102.8	31.4	33.7	35.6	4.0	6.4	9.2	44.49	89.62
Vt.	56.7	71.6	73.4	58.0	72.0	74.9	3.9	5.8	7.5	67.99	102.24
Va.	618.9	731.6	736.2	62.2	73.5	72.3	23.7	44.6	58.4	38.24	79.35
Wash.	368.2	380.8	373.1	48.1	52.1	51.6	26.2	35.8	53.9	71.28	144.39
W. Va.	257.4	282.0	284.6	69.2	75.3	77.7	15.1	21.8	30.0	58.76	105.29
Wis.	436.0	512.8	462.7	49.5	58.5	53.9	41.2	49.3	60.0	94.49	129.72
Wyo.	28.0	29.8	30.0	34.4	37.2	36.5	3.8	4.4	7.6	134.33	254.13

NA Not available. <sup>1</sup>Totals are for States reporting. <sup>2</sup>For handicapped children only; therefore, most data not comparable to those of the States. <sup>3</sup>1967-68 school year. <sup>4</sup>Includes private school pupils.Source: U.S. National Center for Education Statistics, *Statistics of State School Systems*, biennial.



# NO. 260. MODE OF TRANSPORTATION, DISTANCE, AND TIME TRAVELED TO SCHOOL, BY LEVEL AND RESIDENCE: 1978

[Enrollment in thousands. As of October. Elementary includes grades 1-8; secondary, grades 9-12]

ENROLLMENT AND MODE OF TRANSPORTATION	Total enrolled <sup>1</sup>	ELEMENTARY					SECONDARY				
		Total	Metropolitan areas			Non-metro. areas	Total	Metropolitan areas			Non-metro. areas
			Total	Central cities				Total	Central cities	Non-metro. areas	
				Inside	Outside						
Enrollment.....	60,719	28,490	18,710	7,479	11,232	9,780	15,475	10,315	4,048	6,267	5,160
<b>Percent distribution:</b>											
Walk.....	23.8	34.4	41.4	53.9	33.0	20.9	20.8	23.6	28.1	20.6	15.3
Car.....	30.2	16.2	16.1	19.0	14.2	16.2	30.0	28.8	28.1	29.3	32.3
School bus.....	32.6	44.5	37.1	20.3	48.3	58.6	37.3	31.8	15.8	42.1	48.3
<b>Time:<sup>2</sup></b>											
Less than 15 min.....	51.1	58.8	61.6	67.6	57.6	47.6	45.2	46.1	44.1	47.4	43.5
15-29 min.....	29.7	26.7	26.4	22.3	29.2	27.3	34.4	36.0	35.5	36.3	31.3
30-59 min.....	16.4	14.5	10.9	8.8	12.3	21.4	17.3	15.7	17.8	14.4	20.5
Median miles (number).....	2.6	1.8	1.2	( <sup>3</sup> )	1.8	2.8	3.0	2.8	2.5	2.9	3.9

<sup>1</sup> Includes nursery, kindergarten, vocational schools, and colleges, not shown separately.

<sup>2</sup> For those fully reported.

<sup>3</sup> Less than 1 mile.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 342.

# NO. 261. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY FOR SELECTED CITIES: 1975 TO 1979

CITY	ENROLLMENT <sup>1</sup> (1,000)			TOTAL EXPENDITURES <sup>2</sup> (mil. dol.)			CURRENT EXPENDITURE PER PUPIL IN ADA <sup>3</sup>			AVG. SALARY, CLASSROOM TEACHERS (\$1,000)		
	1975	1978	1979	1975	1978	1979	1975	1978	1979	1975	1978	1979
Baltimore, Md.....	173	152	145	252	310	276	\$1,444	\$2,223	\$1,952	11.1	15.3	15.0
Boston, Mass.....	87	277	71	172	261	255	1,784	3,848	3,645	13.0	17.6	17.6
Chicago, Ill.....	537	511	470	1,068	1,285	1,285	1,870	2,594	2,584	16.0	17.5	17.5
Cleveland, Ohio.....	135	115	105	211	292	243	1,520	2,555	2,720	12.7	14.9	16.4
Dallas, Tex.....	161	135	132	152	259	265	1,035	1,756	1,795	10.6	14.4	14.9
Detroit, Mich.....	263	238	230	324	459	482	1,269	1,948	2,106	14.0	19.4	19.1
Houston, Tex.....	211	207	202	182	378	372	881	1,412	1,567	9.0	13.5	14.4
Indianapolis, Ind.....	88	78	74	95	117	138	1,099	1,584	2,009	10.9	14.1	15.0
Los Angeles, Calif.....	607	587	566	845	1,335	1,495	1,191	2,218	2,216	15.0	17.8	17.8
Memphis, Tenn.....	116	116	115	139	150	154	1,149	1,414	1,316	10.8	12.8	10.1
Milwaukee, Wis.....	119	101	96	230	227	227	1,748	2,352	2,352	14.3	20.2	20.2
New Orleans, La.....	96	91	89	108	139	144	1,116	1,647	1,802	10.1	13.1	13.8
New York, N.Y.....	1,095	1,046	999	2,510	2,522	2,639	2,351	2,707	3,021	16.4	20.2	19.8
Philadelphia, Pa.....	266	254	244	519	575	586	1,859	2,377	2,528	14.6	18.8	19.5
Phoenix, Ariz.....	173	184	175	231	281	265	1,087	1,326	1,326	10.8	14.2	14.2
St. Louis, Mo.....	91	78	73	89	144	149	1,230	2,008	2,159	11.7	13.7	14.3
San Antonio, Tex.....	89	84	63	66	98	90	858	1,274	1,457	9.8	13.3	14.3
San Diego, Calif.....	123	119	116	145	270	280	1,066	1,743	2,163	14.8	17.9	18.0
San Francisco, Calif.....	72	65	62	148	176	151	1,829	2,143	2,305	15.3	18.4	18.6
Washington, D.C.....	132	120	114	241	293	308	1,614	2,368	2,947	14.0	18.0	19.3

<sup>1</sup> As of fall of preceding year. Includes nursery schools and kindergartens operated as part of the regular public school system.

<sup>2</sup> Estimated. <sup>3</sup> ADA—Average daily attendance. <sup>4</sup> School year 1977-1978. <sup>5</sup> School year 1976-77.

<sup>6</sup> Expenditures for summer school are included. <sup>7</sup> Includes fringe benefit payments. <sup>8</sup> Includes nonteaching personnel.

<sup>9</sup> Salary data reported as median salary.

Source: U.S. National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, annual.

# NO. 262. PUBLIC SCHOOL BONDS—ELECTIONS AND SALES: 1966 TO 1977

[Years ending June 30. Bonds for financing construction of public elementary and secondary school facilities]

ITEM	Unit	1966	1968	1970	1972	1973	1974	1975	1976	1977
Bond issues:										
Proposed.....	Number.....	1,745	1,750	1,216	1,153	1,273	1,386	929	770	859
Approved.....	Number.....	1,265	1,183	647	542	719	779	430	391	477
Par value of bond issues:										
Proposed.....	Mil. dol.....	3,580	3,740	3,285	3,102	3,998	4,137	2,551	2,104	2,400
Approved.....	Mil. dol.....	2,652	2,335	1,627	1,365	2,256	2,193	1,174	970	1,296
Bond sales, all agencies.....	Number.....	1,941	1,722	1,309	1,547	1,338	1,234	1,060	1,093	1,173
Sales, all agencies.....	Mil. dol.....	2,883	2,917	2,813	3,368	2,905	2,969	3,579	3,688	4,611
Avg. net interest.....	Percent.....	3.87	4.57	6.39	5.01	4.81	5.35	6.27	6.25	5.33

Source: U.S. National Center for Education Statistics, *Bond Sales for Public School Purposes*, annual.

# **NO. 263. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—REVENUE AND EXPENDITURES: 1960 TO 1978**

[For years ending June 30. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 487-501]

TYPE OF REVENUE AND EXPENDITURE	TOTAL (bil. dol.)							PERCENT					
	1960	1966	1970	1975	1976	1977	1978	1960	1966	1970	1975	1977	1978
<b>Revenue, total.....</b>	<b>14.7</b>	<b>25.4</b>	<b>40.3</b>	<b>64.4</b>	<b>71.2</b>	<b>75.3</b>	<b>81.4</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Federal sources.....	.7	2.0	3.2	5.8	6.3	6.6	7.7	4.4	7.9	8.0	9.0	8.8	9.5
State sources.....	5.8	9.9	16.1	27.2	31.8	32.7	35.0	39.1	39.1	39.9	42.2	43.4	43.0
Other sources <sup>1</sup> .....	8.3	13.4	21.0	31.4	33.1	36.0	38.7	56.5	53.0	52.1	48.8	47.8	47.6
<b>Expenditures, total.....</b>	<b>15.6</b>	<b>26.2</b>	<b>40.7</b>	<b>64.8</b>	<b>70.6</b>	<b>75.0</b>	<b>80.8</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Current.....	12.5	21.7	34.9	57.4	62.6	67.7	73.6	79.8	82.7	85.7	88.5	90.3	91.1
Day schools.....	12.3	21.1	34.2	56.7	62.1	66.9	73.1	79.0	80.2	84.1	87.5	89.2	90.4
Administration.....	.5	.9	1.6	2.7	2.8	3.3	3.9	3.4	3.6	3.9	4.1	4.4	4.8
Instruction <sup>2</sup> .....	8.4	14.4	23.3	36.5	39.7	41.9	45.0	53.5	55.0	57.2	56.3	55.9	55.7
Plant operation and maintenance.....	1.5	2.4	3.5	6.1	6.7	7.3	8.1	9.6	9.1	8.6	9.5	9.7	10.0
Fixed charges.....	.9	1.7	3.3	6.3	7.3	8.1	9.3	5.8	6.5	8.0	8.7	10.8	11.5
Other services.....	1.0	1.6	2.6	5.1	5.6	6.3	6.8	6.6	6.0	6.3	7.9	8.4	8.4
Other current <sup>3</sup> .....	.1	.8	.6	4.7	4.6	4.8	4.6	.9	2.5	1.6	1.0	1.1	.7
Capital outlay.....	.6	3.8	4.7	5.7	6.1	5.3	5.2	17.0	14.3	11.5	8.8	7.1	6.5
Interest.....	.5	.8	1.2	1.7	1.8	2.0	2.0	3.1	3.0	2.9	2.7	2.7	2.4

<sup>1</sup> Intermediate and local. Intermediate sources are administrative units or political subdivisions located between school districts and the State. Includes receipts from gifts and tuition, and transportation fees paid by patrons.

<sup>2</sup> Includes salaries of clerical assistants, free textbooks, school library books, and supplies.

<sup>3</sup> Comprises current expenditures for summer schools, adult education, community colleges, and community services.

<sup>4</sup> Excludes current expenditures for adult education and community colleges.

<sup>5</sup> Excludes capital outlay by State and local schoolhousing authority.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual, and *Revenues and Expenditures for Public Elementary and Secondary Education*, annual.

## **NO. 264. FINANCES OF PUBLIC SCHOOL SYSTEMS, BY ENROLLMENT-SIZE GROUP: 1977 AND 1978**

[In millions of dollars, except percent. Based on survey of State and local governments. Minus sign (—) denotes decrease. For details, see source. See also Appendix III]

ITEM	1977, all school sys- tems	1978, BY ENROLLMENT-SIZE GROUP						
		All school systems		Over 50,000	25,000 to 50,000	15,000 to 24,999	7,500 to 14,999	Under 7,500 (est.)
		Total	Percent change <sup>1</sup>					
<b>General revenue<sup>2</sup></b>	<b>79,104</b>	<b>85,506</b>	<b>8.1</b>	<b>17,580</b>	<b>7,658</b>	<b>7,195</b>	<b>14,369</b>	<b>38,704</b>
Intergovernmental.....	38,919	42,391	8.9	8,854	4,050	3,609	6,891	18,988
From Federal government.....	1,275	1,686	32.2	460	162	173	257	634
From States.....	36,613	39,565	8.1	8,261	3,805	3,374	6,516	17,609
Federal aid distributed by State govern- ments.....	5,164	5,755	8.1	1,617	524	420	848	2,346
From local governments.....	1,031	1,140	10.6	133	83	61	118	745
From own sources.....	40,186	43,115	7.3	8,727	3,608	3,587	7,478	19,715
Taxes.....	27,124	29,193	7.6	4,626	2,359	2,484	5,058	14,666
Property.....	26,435	28,335	7.2	4,409	2,317	2,440	4,913	14,256
Contribution from parent government.....	7,933	8,315	4.8	3,232	743	561	1,471	2,308
Charges and miscellaneous.....	5,129	5,607	9.3	869	506	541	949	2,742
<b>General expenditure<sup>2</sup></b>	<b>77,575</b>	<b>83,439</b>	<b>7.6</b>	<b>16,981</b>	<b>7,535</b>	<b>7,198</b>	<b>14,118</b>	<b>37,607</b>
Intergovernmental.....	377	394	4.5	5	7	6	80	297
Direct.....	77,198	83,045	7.6	16,977	7,529	7,192	14,038	37,309
Current operation.....	69,586	75,251	8.1	15,624	6,808	6,388	12,666	33,745
Salaries and wages.....	49,218	52,720	7.1	11,403	4,906	4,519	8,963	22,929
Capital outlay.....	5,883	5,971	1.5	968	554	656	1,040	2,753
Construction.....	4,059	4,072	.3	718	389	465	733	1,767
Interest on debt.....	1,729	1,823	5.4	385	166	148	312	812
Direct expenditure by level of instruction:								
Elementary and secondary.....	70,942	75,786	6.8	15,748	6,793	6,175	12,637	34,433
Higher education.....	4,904	5,436	10.8	843	570	869	1,089	2,065
<b>Debt outstanding</b>	<b>35,113</b>	<b>35,641</b>	<b>1.5</b>	<b>6,728</b>	<b>3,460</b>	<b>3,102</b>	<b>6,339</b>	<b>16,012</b>
Long-term.....	33,897	34,339	1.3	6,318	3,303	3,018	6,199	15,502
Short-term.....	1,216	1,302	7.1	411	157	84	141	509
Long-term debt issued.....	3,143	3,025	-3.8	383	249	346	657	1,390
Long-term debt retired.....	2,623	3,111	18.6	703	317	240	529	1,322
Cash, security holdings, fiscal yearend, excl. employee-retirement.....	12,902	14,850	15.1	2,410	1,402	1,519	2,588	6,931

<sup>1</sup> Change from 1977. <sup>2</sup> Excludes interschool system transactions.

Source: U.S. Bureau of the Census, *Finances of Public School Systems in 1977-1978*, series GF 78 No. 10, annual.

## No. 265. PUBLIC SCHOOL EXPENDITURES, BY STATES: 1975 TO 1979

[School data for years ending June 30]

STATE	Total expenditures, 1975 (mil. dol.)	Total expenditures, 1976 <sup>1</sup> (mil. dol.)	EXPENDITURES, 1979 <sup>1</sup>				PER CAPITA SCHOOL EXPENDITURES <sup>4</sup> (dol.)			EXPENDITURES, 1978 <sup>5</sup>		
			Total <sup>2</sup> (mil. dol.)	Current expenditures		Capital outlay (mil. dol.)	1975	1978	1979	Total (mil. dol.)	Per capita <sup>4</sup> (dol.)	
				Elem. and secondary day schools (mil. dol.)	Average per pupil in ADA <sup>3</sup>							
					Amount (dol.)							Rank
U.S. *	64,846	80,844	84,928	74,520	1,900	(X)	6,387	\$307	\$374	\$389	83,439	386
Ala.	753	1,053	1,187	1,089	1,548	32	89	211	285	317	931	252
Alaska	220	339	(NA)	(NA)	(NA)	(NA)	(NA)	640	821	(NA)	338	821
Ariz.	714	924	954	767	1,835	26	157	331	401	405	853	415
Ark.	448	584	618	528	1,219	41	75	217	271	283	568	285
Calif.	6,921	8,959	9,103	7,924	(NA)	(NA)	595	331	409	408	10,192	465
Colo.	756	1,183	1,288	1,109	2,129	9	94	302	451	475	1,098	419
Conn.	988	1,143	1,290	1,149	2,162	6	106	320	368	416	1,145	368
Del.	209	247	234	211	2,080	10	11	383	424	401	215	370
D.C.	238	284	308	278	2,947	(X)	12	329	415	457	325	471
Fla.	2,180	2,471	3,006	2,580	(NA)	(NA)	359	269	292	350	3,146	372
Ga.	1,223	1,503	(NA)	(NA)	(NA)	(NA)	(NA)	250	298	(NA)	1,372	272
Hawaii	256	342	259	251	1,616	28	5	299	384	289	286	320
Idaho	224	298	312	286	1,345	39	38	282	348	355	284	331
Ill.	3,635	4,120	(NA)	(NA)	(NA)	(NA)	(NA)	325	367	(NA)	4,588	408
Ind.	1,414	1,724	1,781	1,495	1,455	38	141	266	322	331	1,703	319
Iowa	824	1,100	1,219	1,134	2,139	7	61	290	381	421	1,144	397
Kans.	609	721	888	810	2,075	12	44	268	311	370	882	383
Ky.	649	890	784	713	1,120	44	38	194	257	224	870	252
La.	983	1,240	1,318	1,166	1,576	31	113	258	316	332	1,228	313
Maine	272	345	357	325	1,477	37	22	260	318	327	347	319
Md.	1,506	1,745	1,828	1,461	1,986	16	123	367	422	393	1,639	444
Mass.	1,968	2,463	2,892	2,451	2,496	3	89	339	426	466	2,389	413
Mich.	3,333	4,211	3,959	3,502	1,990	14	250	367	460	431	4,162	455
Minn.	1,494	1,773	1,750	1,517	1,947	17	137	383	445	437	1,682	423
Miss.	458	658	617	558	1,189	42	56	197	276	257	713	298
Mo.	1,146	1,383	1,489	1,346	1,673	23	72	240	287	302	1,488	310
Mont.	243	344	366	330	2,202	5	30	331	449	466	385	507
Nebr.	404	558	498	487	1,748	20	9	262	359	318	555	356
Nev.	182	257	265	234	1,682	22	14	317	403	402	250	395
N.H.	228	268	282	258	1,635	26	18	283	315	324	247	291
N.J.	2,660	3,124	3,308	3,107	2,576	2	78	363	426	451	3,019	412
N. Mex.	346	444	550	455	1,714	21	87	309	371	454	462	368
N.Y.	7,397	8,218	8,273	7,554	2,759	1	320	409	458	466	8,593	479
N.C.	1,343	1,653	1,989	1,625	1,507	34	175	250	300	358	1,857	336
N. Dak.	161	214	209	189	1,607	29	16	254	329	321	232	355
Ohio	2,942	3,434	3,723	3,400	1,777	19	185	274	321	346	3,703	346
Okl.	647	910	933	833	1,520	33	80	241	323	324	791	282
Oreg.	788	1,024	963	850	1,990	14	90	341	429	394	1,137	478
Pa.	3,770	4,517	5,018	4,364	2,315	4	218	319	383	427	4,228	359
R.I.	280	324	309	300	2,067	13	(NA)	276	346	330	309	330
S.C.	689	882	844	748	1,274	40	75	248	306	289	839	292
S. Dak.	177	203	237	218	1,682	24	14	260	295	343	219	318
Tenn.	958	1,225	1,088	960	1,172	43	123	232	285	252	1,130	263
Tex.	3,219	5,057	5,003	3,856	1,490	36	759	268	395	384	5,005	390
Utah	382	514	573	456	1,494	35	88	308	405	438	521	410
Vt.	148	173	179	161	1,651	25	9	316	359	366	164	340
Va.	1,413	1,682	1,951	1,758	1,781	18	150	287	330	379	1,829	317
Wash.	1,120	1,535	1,904	1,466	2,079	11	377	320	417	505	1,519	415
W. Va.	448	582	625	575	1,593	30	31	251	319	336	628	338
Wis.	1,410	1,776	(NA)	(NA)	(NA)	(NA)	(NA)	309	382	(NA)	1,895	408
Wyo.	147	211	262	186	2,133	8	67	407	520	616	236	581

NA Not available. X Not applicable. <sup>1</sup> Estimated. <sup>2</sup> Includes interest on school debt and expenditures for summer schools, adult education, community services, and community colleges and technical institutes under the jurisdiction of local boards of education, not shown separately. <sup>3</sup> Average daily attendance. <sup>4</sup> Based on estimated resident population as of July 1, 1974, July 1, 1977, and July 1, 1978, from U.S. Bureau of the Census, *Current Population Reports*, series P-25. <sup>5</sup> Source: U.S. Bureau of the Census, *Finances of Public School Systems in 1977-1978*, GF78 No. 10. <sup>6</sup> Total includes estimates for nonreporting States. <sup>7</sup> In order to have the lowest rank equal to the number of States presented, the numbers 15 and 27 are omitted. Mich. and Oreg. share the same rank of 14, and N.H. and Ariz. share the same rank of 26.

Source: Except as noted, U.S. National Center for Education Statistics, *Revenues and Expenditures for Public Elementary and Secondary Education*, annual, and *Statistics of Public Elementary and Secondary Day Schools*, annual.

# **NO. 266. SCHOOL RETENTION RATES—FIFTH GRADE THROUGH COLLEGE ENTRANCE: 1942-1950 TO 1970-1978**

[Prior to 1962, excludes Alaska and Hawaii. Rates for the 5th grade through high school graduation are based on enrollments in successive grades in successive years in public elementary and secondary schools, and are adjusted to include estimates for nonpublic schools. See also *Historical Statistics, Colonial Times to 1970*, series H 587-597]

YEAR OF ENTRANCE INTO 5TH GRADE	RETENTION PER 1,000 PUPILS WHO ENTERED 5TH GRADE								High school graduates	Year of high school graduation	First-time college students <sup>1</sup>
	5th grade	6th grade	7th grade	8th grade	9th grade	10th grade	11th grade	12th grade			
1942.....	1,000	954	909	847	807	713	604	539	505	1950	205
1944.....	1,000	952	929	858	848	748	650	549	522	1952	234
1946.....	1,000	954	945	919	872	775	641	583	553	1954	283
1948.....	1,000	984	956	929	863	795	706	619	581	1956	301
1950.....	1,000	981	968	921	886	809	709	632	582	1958	308
1952.....	1,000	974	965	936	904	835	746	667	621	1960	328
1954.....	1,000	980	979	948	915	855	759	684	642	1962	343
1956.....	1,000	985	984	948	930	871	790	728	676	1964	362
1958.....	1,000	983	979	961	946	908	842	761	732	1966	384
1960.....	1,000	980	973	967	952	913	858	787	749	1968	452
1962.....	1,000	987	977	967	959	928	860	790	750	1970	461
1964.....	1,000	988	985	976	975	942	865	791	748	1972	433
1965.....	1,000	996	993	980	980	947	874	786	749	1973	433
1966.....	1,000	989	986	985	985	959	871	783	744	1974	448
1967.....	1,000	992	988	984	984	956	870	775	743	1975	452
1968.....	1,000	992	992	991	983	958	869	786	749	1976	435
1969.....	1,000	992	986	986	984	959	876	789	744	1977	(NA)
1970.....	1,000	990	990	998	979	963	883	800	746	1978	439

NA Not available. <sup>1</sup> Degree credit only.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

## **NO. 267. PUBLIC HIGH SCHOOL GRADUATES—STATES AND OTHER AREAS: 1975 TO 1978**

[In thousands. Excludes graduates of subcollegiate departments of higher education, Federal schools for Indians, Federal schools on Federal installations, and residential schools for exceptional children. See Appendix III]

STATE	1975	1976	1977	1978	STATE OR OTHER AREA	1975	1976	1977	1978
U.S. <sup>1</sup>	2,822.6	2,837.0	2,839.5	2,824.7	Nevada.....	7.2	7.6	8.0	<sup>2</sup> 8.3
Alabama.....	46.6	46.7	46.8	46.5	New Hampshire.....	11.1	11.4	11.5	11.4
Alaska.....	4.2	4.2	4.5	4.8	New Jersey.....	<sup>2</sup> 96.0	<sup>2</sup> 98.0	<sup>2</sup> 98.0	97.5
Arizona.....	25.7	26.0	29.9	30.8	New Mexico.....	18.4	17.8	18.0	18.4
Arkansas.....	26.8	27.0	27.6	28.1	New York.....	210.8	<sup>2</sup> 214.2	215.1	210.7
California.....	273.4	<sup>2</sup> 272.5	266.1	261.7	North Carolina.....	70.1	70.5	71.1	71.0
Colorado.....	35.0	35.6	36.6	37.4	North Dakota.....	10.7	10.8	10.8	10.5
Connecticut.....	<sup>2</sup> 42.8	40.6	39.5	38.9	Ohio.....	158.2	157.6	156.2	152.0
Delaware.....	8.2	8.2	8.2	8.2	Oklahoma.....	37.8	37.7	38.6	39.0
Dist. of Col.....	5.4	5.1	5.3	5.2	Oregon.....	30.7	30.6	30.3	30.0
Florida.....	86.5	<sup>2</sup> 89.4	88.1	91.6	Pennsylvania.....	163.1	163.7	160.6	156.9
Georgia.....	59.8	61.1	62.2	61.1	Rhode Island.....	11.0	10.8	10.8	10.9
Hawaii.....	11.3	11.3	11.6	11.2	South Carolina.....	38.3	38.1	37.8	<sup>4</sup> 38.7
Idaho.....	12.6	11.9	13.0	13.3	South Dakota.....	11.7	11.3	11.3	11.3
Illinois.....	<sup>2</sup> 141.3	146.6	142.0	140.7	Tennessee.....	49.4	50.1	49.3	47.5
Indiana.....	74.1	77.7	76.4	74.3	Texas.....	159.5	159.9	163.6	168.0
Iowa.....	49.0	<sup>2</sup> 42.3	43.7	44.2	Utah.....	19.7	19.7	19.8	20.3
Kansas.....	32.5	<sup>2</sup> 32.2	39.2	32.8	Vermont.....	6.5	6.6	6.7	6.8
Kentucky.....	42.4	<sup>2</sup> 41.8	41.8	41.6	Virginia.....	66.6	66.1	66.7	66.3
Louisiana.....	47.7	47.4	48.2	47.2	Washington.....	51.0	51.0	50.9	<sup>5</sup> 51.1
Maine.....	14.8	15.2	15.2	15.4	West Virginia.....	24.6	24.9	24.7	24.0
Maryland.....	55.4	56.1	55.5	55.5	Wisconsin.....	71.0	70.4	72.4	71.3
Massachusetts.....	<sup>2</sup> 79.0	81.3	75.4	78.3	Wyoming.....	5.6	5.8	5.9	6.1
Michigan.....	139.5	130.9	135.3	132.8	Other areas:				
Minnesota.....	66.5	66.4	68.2	67.5	Puerto Rico.....	27.1	25.6	(NA)	(NA)
Mississippi.....	27.2	27.6	27.6	28.2	Am. Samoa.....	.4	.4	.4	(NA)
Missouri.....	62.4	63.9	64.5	64.6	Canal Zone.....	.7	.7	.6	(NA)
Montana.....	12.3	12.1	12.3	12.2	Guam.....	1.1	1.2	(NA)	(NA)
Nebraska.....	22.2	22.2	23.1	23.3	Virgin Islands.....	.6	.7	.6	(NA)

NA Not available. <sup>1</sup> Includes estimates for nonreporting States. <sup>2</sup> Estimated. <sup>3</sup> For school year 1978-79.

<sup>4</sup> For period Jan.-Dec. 1978. <sup>5</sup> Includes persons granted high school equivalency certificate.

Source: U.S. National Center for Education Statistics, *Statistics of Public Elementary and Secondary Day Schools*, annual.

**NO. 268. HIGH SCHOOL GRADUATES NOT ENROLLED IN COLLEGE AND SCHOOL DROPOUTS—  
EMPLOYMENT STATUS, BY SEX AND RACE: 1965 TO 1979**

[In thousands of persons 16 to 21 years old, except percent. As of October. High school graduates: Persons not enrolled in college and includes those who attended college prior to survey date; Dropouts: Persons not in regular school and not high school graduates. Based on samples and subject to sampling variability]

EMPLOYMENT STATUS, SEX, AND RACE	GRADUATES					DROPOUTS				
	1965	1970	1975 <sup>1</sup>	1978 <sup>1</sup>	1979 <sup>1</sup>	1965	1970	1975 <sup>1</sup>	1978 <sup>1</sup>	1979 <sup>1</sup>
<b>Civilian population<sup>2</sup></b> .....	<b>4,898</b>	<b>5,823</b>	<b>7,179</b>	<b>7,683</b>	<b>7,608</b>	<b>2,986</b>	<b>2,757</b>	<b>3,271</b>	<b>3,376</b>	<b>3,442</b>
In labor force.....	3,769	4,566	5,944	6,631	6,551	1,883	1,611	1,996	2,228	2,260
Percent of population.....	76.9	78.4	82.8	86.3	86.1	62.4	58.4	61.0	66.0	65.7
Employed.....	3,451	4,038	5,055	6,007	5,847	1,585	1,264	1,426	1,771	1,787
Percent of labor force.....	91.6	88.4	85.0	90.6	89.3	85.1	78.5	71.4	79.5	79.1
Male.....	1,512	1,730	2,542	3,017	2,939	1,105	805	952	1,168	1,212
Female.....	1,939	2,308	2,513	2,990	2,908	480	459	474	603	576
White.....	3,116	3,636	4,616	5,463	5,285	1,266	1,011	1,200	1,518	1,545
Black and other.....	335	402	441	385	319	253	227	233	205	205
Unemployed.....	318	528	889	624	704	278	347	570	457	473
Percent of labor force.....	8.4	11.6	15.0	9.4	10.7	14.9	21.5	28.6	20.5	20.9
Male.....	105	236	446	255	286	160	219	330	276	254
Female.....	213	292	443	369	418	118	128	240	181	219
White.....	259	429	712	435	542	203	232	414	340	348
Black and other.....	59	99	178	175	151	75	115	157	110	114
Not in labor force.....	1,129	1,257	1,235	1,052	1,057	1,123	1,146	1,276	1,148	1,182

<sup>1</sup> Not strictly comparable with 1965 and 1970 data. <sup>2</sup> Noninstitutional. <sup>3</sup> Data are for Black only.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Report*, Nos. 66, 131, 191, 215; and forthcoming report.

**NO. 269. HIGH SCHOOL DROPOUTS 14 TO 24 YEARS OLD, BY RACE AND AGE: 1968 TO 1979**

[As of October. See headnote, table 268. Total dropouts include races not shown separately]

RACE AND AGE	NUMBER OF DROPOUTS (1,000)						PERCENT OF POPULATION					
	1968	1970	1975	1977	1978	1979	1968	1970	1975	1977	1978	1979
<b>Total dropouts</b> .....	<b>4,650</b>	<b>4,670</b>	<b>4,974</b>	<b>5,148</b>	<b>5,240</b>	<b>5,408</b>	<b>13.1</b>	<b>12.2</b>	<b>11.5</b>	<b>11.7</b>	<b>11.9</b>	<b>12.3</b>
14-17 years.....	721	762	864	835	852	848	4.8	4.8	5.2	5.0	5.2	5.3
18-21 years.....	2,163	2,138	2,557	2,607	2,652	2,738	17.1	16.4	16.3	16.2	16.3	16.8
22-24 years.....	1,766	1,770	1,553	1,706	1,736	1,822	22.3	18.7	14.5	15.2	15.2	15.6
<b>White</b> .....	<b>3,685</b>	<b>3,577</b>	<b>3,861</b>	<b>4,151</b>	<b>4,210</b>	<b>4,280</b>	<b>11.9</b>	<b>10.8</b>	<b>10.5</b>	<b>11.1</b>	<b>11.3</b>	<b>11.5</b>
14-17 years.....	578	603	712	716	748	709	4.5	4.5	5.0	5.1	5.4	5.3
18-21 years.....	1,711	1,618	1,980	2,094	2,095	2,149	15.6	14.3	14.7	15.2	15.1	15.5
22-24 years.....	1,396	1,356	1,169	1,351	1,369	1,422	20.1	16.3	12.6	14.0	14.0	14.2
<b>Black</b> .....	<b>932</b>	<b>1,047</b>	<b>1,024</b>	<b>911</b>	<b>953</b>	<b>1,016</b>	<b>21.6</b>	<b>22.2</b>	<b>18.5</b>	<b>15.9</b>	<b>16.5</b>	<b>17.5</b>
14-17 years.....	133	150	147	103	103	121	7.0	7.4	6.3	4.4	4.4	5.2
18-21 years.....	437	500	540	481	514	534	28.6	30.5	27.0	23.2	24.7	25.5
22-24 years.....	362	397	337	327	336	361	40.5	37.8	27.8	24.9	24.5	25.5

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 355 and earlier reports; and unpublished data.

**NO. 270. SCHOLASTIC APTITUDE TEST (SAT) AVERAGES FOR COLLEGE-BOUND SENIORS: 1967 TO 1979**

YEAR	VERBAL			MATHEMATICAL			YEAR	VERBAL			MATHEMATICAL		
	Total	Male	Female	Total	Male	Female		Total	Male	Female	Total	Male	Female
1967 <sup>1</sup> .....	466	483	468	492	514	467	1974.....	444	447	442	480	501	459
1968 <sup>1</sup> .....	466	464	466	492	512	470	1975.....	434	437	431	472	495	449
1969 <sup>1</sup> .....	463	459	466	493	513	473	1976.....	431	433	430	472	497	446
1970 <sup>1</sup> .....	460	459	461	488	509	465							
1971 <sup>1</sup> .....	455	454	457	488	507	466	1977.....	429	431	427	470	497	445
1972.....	453	454	452	484	505	461	1978.....	429	433	425	468	484	444
1973.....	445	446	443	481	502	460	1979.....	427	431	423	467	493	443

<sup>1</sup> Estimates based on total number of persons taking Scholastic Aptitude Test.

Source: College Entrance Examination Board, New York, N.Y., *National Report on College-Bound Seniors, 1979*, (copyright).

## No. 271. HIGH SCHOOL AND COLLEGE GRADUATES, BY SEX, AND BY CONTROL: 1950 TO 1978

[In thousands, except percent. Prior to 1960, excludes Alaska and Hawaii. See also table 292; Appendix III; and *Historical Statistics, Colonial Times to 1970*, series H 598-601 and H 752-758]

YEAR OF GRADUATION	HIGH SCHOOL GRADUATES						COLLEGE GRADUATES <sup>2</sup>				
	Total		Sex		Control		Bachelor's degrees <sup>3</sup>				Master's and doctor's degrees <sup>4</sup>
	Number	Percent of persons 18 years old <sup>1</sup>	Male	Female	Public	Private, est.	Total	Per 100 high school graduates 4 yrs. earlier	Male	Female	
1950.....	1,200	56.0	571	629	(NA)	(NA)	432	40	329	103	65
1955.....	1,351	64.6	648	703	1,206	143	286	24	193	103	67
1960.....	1,864	72.4	898	966	1,633	231	392	28	254	138	84
1965.....	2,665	70.8	1,314	1,351	2,366	298	501	25	289	213	162
1970.....	2,896	77.1	1,433	1,463	2,586	300	792	30	450	341	274
1972.....	3,008	76.2	1,490	1,518	2,706	302	867	33	501	367	328
1973.....	3,043	75.7	1,503	1,540	2,737	306	922	33	518	404	348
1974.....	3,081	75.6	1,515	1,566	2,771	310	946	33	527	418	365
1975.....	3,140	74.3	1,545	1,595	2,830	310	923	31	505	418	382
1976.....	3,154	74.5	1,554	1,600	2,844	310	926	31	504	421	408
1977.....	3,154	74.7	1,548	1,606	2,844	310	920	30	496	424	415
1978.....	3,147	74.8	1,540	1,607	2,832	315	921	30	487	434	410

NA Not available. <sup>1</sup>Based on estimated resident population as of July 1. <sup>2</sup>Data cover public and private institutions. <sup>3</sup>Through 1960, bachelor's or first professional degree; thereafter, bachelor's degree only. <sup>4</sup>Beginning 1965, includes first professional degrees.

Source: U.S. National Center for Education Statistics, *Earned Degrees Conferred*, annual; *Digest of Education Statistics*, annual; and *Projections of Education Statistics to 1986-87*.

## No. 272. COLLEGE ENROLLMENT OF PERSONS 18-24 YEARS OLD, AND PERCENT OF HIGH SCHOOL GRADUATES, BY SEX AND RACE: 1960 TO 1979

[In thousands, except percent. Except as noted, as of October. Covers civilian noninstitutional population]

YEAR	ALL PERSONS			MALE			FEMALE		
	Total <sup>1</sup>	White	Black	Total <sup>1</sup>	White	Black	Total <sup>1</sup>	White	Black
High school graduates:									
1960 <sup>2</sup> .....	9,335	8,607	<sup>3</sup> 729	4,397	4,084	<sup>3</sup> 312	4,940	4,523	<sup>3</sup> 417
1970.....	17,768	15,960	1,802	8,067	7,324	668	9,680	8,634	935
1972.....	19,618	17,410	1,992	9,247	8,278	870	10,371	9,132	1,123
1973.....	20,377	18,022	2,079	9,718	8,637	952	10,663	9,387	1,125
1974.....	20,725	18,318	2,083	9,835	8,768	919	10,889	9,551	1,167
1975.....	21,326	18,883	2,081	10,214	9,199	897	11,113	9,743	1,182
1976.....	21,677	19,045	2,239	10,312	9,186	936	11,365	9,860	1,302
1977.....	22,008	19,291	2,286	10,440	9,263	970	11,569	10,029	1,317
1978.....	22,309	19,526	2,340	10,614	9,438	956	11,694	10,088	1,384
1979.....	22,421	19,616	2,356	10,657	9,457	973	11,763	10,157	1,383
College enrollment:									
1960 <sup>2</sup> .....	2,215	2,081	<sup>3</sup> 134	1,334	1,269	<sup>3</sup> 65	880	811	<sup>3</sup> 69
1970.....	5,805	5,305	416	3,331	3,096	192	2,474	2,209	225
1972.....	6,257	5,624	540	3,534	3,195	287	2,724	2,428	253
1973.....	6,055	5,438	498	3,360	3,032	266	2,696	2,406	231
1974.....	6,316	5,589	555	3,411	3,035	280	2,905	2,555	277
1975.....	6,935	6,116	665	3,693	3,326	294	3,243	2,790	372
1976.....	7,181	6,276	749	3,673	3,250	331	3,508	3,026	417
1977.....	7,142	6,209	721	3,712	3,286	309	3,431	2,923	413
1978.....	6,995	6,077	694	3,621	3,195	305	3,373	2,882	390
1979.....	6,991	6,120	696	3,508	3,104	304	3,482	3,015	392
Percent of high school graduates:									
1960 <sup>2</sup> .....	23.7	24.2	<sup>3</sup> 18.4	30.3	31.1	<sup>3</sup> 20.8	17.8	17.9	<sup>3</sup> 16.5
1970.....	32.7	33.2	26.0	41.2	42.3	28.7	25.6	25.6	24.1
1972.....	31.9	32.3	27.1	38.2	38.6	33.0	26.3	26.6	22.5
1973.....	29.7	30.2	24.0	34.6	35.1	27.9	25.3	25.6	20.5
1974.....	30.5	30.5	26.6	34.7	34.6	30.5	26.7	26.8	23.7
1975.....	32.5	32.4	32.0	36.2	36.4	32.8	29.2	28.6	31.5
1976.....	33.1	33.0	33.5	35.6	35.4	35.4	30.9	30.7	32.0
1977.....	32.5	32.2	31.6	35.6	35.5	31.9	29.7	29.1	31.4
1978.....	31.4	31.1	29.7	34.1	33.9	31.9	28.6	28.6	28.2
1979.....	31.2	31.2	29.5	32.9	32.8	31.2	28.6	29.7	28.3

<sup>1</sup>Includes other races, not shown separately. <sup>2</sup>As of April. <sup>3</sup>Includes races other than White and Black.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1960*, vol. 1, *Characteristics of the Population*, part 1; *Current Population Reports*, series P-20, Nos. 222, 303, 333, 346, and unpublished data.

## NO. 273. HIGHER EDUCATION—FACULTY AND ENROLLMENT: 1960 TO 1978

[As of fall. Covers universities, colleges, professional schools, junior and teachers colleges, and normal schools, both publicly and privately controlled, regular session. Includes estimates for institutions not reporting. Except as noted, 2-year branch campuses are not counted separately and are included with 4-year institutions. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 680, H 699-705, and H 710]

ITEM	UNIT	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Institutions.....	Number.....	1,968	2,230	2,556	2,865	2,720	2,747	2,765	2,785	2,826	2,871
4-year.....	Number.....	1,447	1,551	1,665	1,701	1,717	1,744	1,767	1,783	1,808	1,816
2-year.....	Number.....	521	679	891	964	1,003	1,003	998	1,002	1,018	1,055
Branch campuses.....	Number.....	(NA)	(NA)	279	255	270	265	261	261	269	263
Resident staff.....	1,000.....	276	412	573	590	634	695	781	793	812	809
Instructor or above.....	1,000.....	236	340	474	500	527	567	628	633	650	647
Percent full-time.....	Percent.....	65.3	72.9	77.8	76.0	73.9	71.6	70.1	68.6	68.8	68.8
Junior instructional staff.....	1,000.....	40	72	101	90	107	128	153	160	162	162
Percent full-time.....	Percent.....	20.0	19.4	13.9	6.7	12.2	13.3	14.4	17.5	17.9	17.9
Total enrollment.....	1,000.....	3,788	5,921	8,581	9,215	9,602	10,224	11,185	11,012	11,268	11,280
Degree credit.....	1,000.....	3,583	5,526	7,920	8,265	8,518	9,023	9,731	(NA)	(NA)	(NA)
Male.....	1,000.....	2,257	3,375	4,637	4,701	4,771	4,989	5,321	5,811	5,789	5,841
Female.....	1,000.....	1,326	2,152	3,284	3,564	3,747	4,055	4,410	5,201	5,497	5,419
4-year institutions.....	1,000.....	3,131	4,685	6,290	6,473	6,597	6,825	7,223	7,729	7,743	7,732
2-year institutions.....	1,000.....	451	841	1,630	1,792	1,921	2,198	2,508	3,883	4,043	4,027
Full-time.....	1,000.....	2,466	3,910	5,489	5,647	5,893	6,147	6,147	6,717	6,793	6,668
Part-time.....	1,000.....	1,117	1,616	2,431	2,618	2,835	3,206	3,584	4,295	4,493	4,592
Public.....	1,000.....	2,116	3,824	5,800	6,159	6,389	6,838	7,426	8,653	8,847	8,786
Private.....	1,000.....	1,467	1,902	2,120	2,106	2,130	2,185	2,308	2,359	2,439	2,474
Graduate.....	1,000.....	356	697	1,031	1,066	1,123	1,190	1,263	1,085	1,085	1,081
Undergraduate <sup>4</sup> .....	1,000.....	3,227	4,829	6,889	7,189	7,395	7,833	8,466	9,927	10,201	10,179
Male.....	1,000.....	2,004	2,910	4,005	4,074	4,124	4,306	4,621	5,209	5,193	5,057
Female.....	1,000.....	1,223	1,919	2,884	3,125	3,271	3,527	3,847	4,719	5,008	5,122
1st time enrolled.....	1,000.....	923	1,442	1,780	1,740	1,757	1,854	1,910	2,377	2,432	2,422
4-year institutions.....	1,000.....	2,778	3,988	5,259	5,407	5,474	5,835	5,960	6,045	6,158	6,152
Full-time.....	1,000.....	2,077	3,159	4,234	4,350	4,360	4,429	4,619	4,622	4,703	4,678
Part-time.....	1,000.....	699	829	1,025	1,057	1,124	1,206	1,341	1,423	1,456	1,474
2-year institutions.....	1,000.....	451	841	1,630	1,792	1,921	2,198	2,508	3,883	4,043	4,028
Public.....	1,000.....	1,929	3,184	5,076	5,401	5,589	5,966	6,520	7,924	8,128	8,083
Private.....	1,000.....	1,298	1,645	1,813	1,799	1,806	1,847	1,948	2,003	2,073	2,096
Nondegree credit.....	1,000.....	206	395	661	950	1,084	1,200	1,453	(NA)	(NA)	(NA)

NA Not available. <sup>1</sup>Total enrollment, degree and nondegree credit. <sup>2</sup>Branch campuses classified according to actual status, e.g., 2-year branch included in 2-year category. <sup>3</sup>Includes resident only. <sup>4</sup>Includes first-professional enrollment and unclassified students.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

## NO. 274. COLLEGE ENROLLMENT, BY SEX AND RACE: 1960 TO 1979

[In thousands, except percent, As of October. Covers civilian noninstitutional population. Degree-credit enrollment only]

PERSONS 14-34 YEARS OLD	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	PERCENT		
	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1960	1970	1979
Total <sup>1</sup> .....	3,570	5,675	7,413	8,179	8,827	9,897	9,950	10,217	9,838	9,978	100.0	100.0	100.0
Male.....	2,339	3,503	4,401	4,677	4,926	5,342	5,296	5,389	5,124	4,993	65.5	59.4	50.0
Female.....	1,231	2,172	3,013	3,502	3,901	4,555	4,654	4,848	4,714	4,986	34.5	40.6	50.0
White.....	3,342	5,317	6,759	7,324	7,781	8,516	8,644	8,812	8,514	8,709	93.6	91.2	87.3
Male.....	2,214	3,328	4,066	4,218	4,367	4,774	4,658	4,717	4,508	4,400	62.0	54.8	44.1
Female.....	1,128	1,991	2,693	3,105	3,413	3,743	3,986	4,095	4,006	4,309	31.6	36.3	43.2
Black.....	227	274	522	684	814	948	1,062	1,103	1,020	1,002	6.4	7.0	10.0
Male.....	125	126	253	358	422	442	489	490	452	434	3.5	3.4	4.3
Female.....	102	148	269	326	392	506	573	614	569	568	2.9	3.6	5.7

<sup>1</sup>Includes other races, not shown separately. <sup>2</sup>Includes races other than White.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, Nos. 110, 162, and 335.

## NO. 275. JUNIOR (TWO-YEAR) COLLEGES—NUMBER AND ENROLLMENT: 1960 TO 1978

[As of fall. Prior to 1972, excludes two-year branches of universities and other four-year institutions. 1960 covers degree-credit students only. 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	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978
Institutions.....	Number.....	521	679	892	1,104	1,140	1,139	1,128	1,131	1,155	1,190
Public.....	Number.....	315	420	654	866	891	897	897	904	920	922
Private.....	Number.....	206	259	238	238	249	242	231	227	235	268
Enrollment.....	1,000.....	451	1,173	2,223	2,756	3,010	3,404	3,970	3,883	4,043	4,028
Public.....	1,000.....	392	1,041	2,102	2,641	2,990	3,285	3,836	3,752	3,902	3,874
Private.....	1,000.....	59	132	121	115	120	119	134	132	141	154
Male.....	1,000.....	292	734	1,317	1,544	1,651	1,832	2,165	1,980	1,965	1,885
Female.....	1,000.....	169	439	906	1,212	1,359	1,572	1,805	1,903	2,078	2,143

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

### NO. 276. ENROLLMENT IN INSTITUTIONS OF HIGHER EDUCATION, BY SPECIFIED MINORITY GROUPS, 1968 TO 1978, AND BY GEOGRAPHIC DIVISION, 1978

[Enrollment in thousands, except percent. As of fall. Prior to 1978, excludes Alaska and Hawaii. Covers full-time undergraduate students in 2-year and 4-year institutions taking credits equal to at least 75 percent of a normal load. Excludes federally controlled institutions. For composition of divisions, see fig. 1, inside front cover]

YEAR AND GEOGRAPHIC DIVISION	Number of institu- tions	Total enroll- ment	BLACK ENROLLMENT		ENROLLMENT OF OTHER MINORITY GROUPS				
			Number	Percent	Total	Per- cent	American Indian	Asian American	Spanish- surnamed American
1968, total.....	2,054	4,820	287	6.0	169	3.5	29	48	91
1970, total.....	2,516	4,966	345	6.9	181	3.7	27	52	103
1972, total.....	2,665	5,531	459	8.3	219	4.0	32	57	130
1974, total.....	2,808	5,639	508	9.0	255	4.5	33	64	158
1976, total.....	2,821	5,755	805	10.5	331	5.8	38	101	191
1978, total.....	2,897	5,664	601	10.6	346	6.1	36	114	196
New England.....	236	395	15	3.9	10	2.7	1	4	5
Middle Atlantic.....	473	941	98	10.4	57	6.1	3	14	39
East North Central.....	467	1,016	99	9.7	24	2.4	4	8	13
West North Central.....	298	478	18	3.8	10	2.2	4	3	3
South Atlantic.....	494	832	158	19.0	24	2.8	3	6	15
East South Central.....	216	361	77	21.3	3	.8	1	1	1
West South Central.....	244	553	72	13.0	51	9.3	5	4	43
Mountain.....	129	306	7	2.2	29	9.6	6	4	20
Pacific.....	340	782	57	7.3	137	17.5	10	70	57

Source: U.S. Office for Civil Rights, *Undergraduate Enrollment by Ethnic Group in Federally Funded Institutions of Higher Education, Fall 1968* and, beginning 1970, *Racial and Ethnic Enrollment Data From Institutions of Higher Education*, biennial.

### NO. 277. BLACK INSTITUTIONS OF HIGHER EDUCATION—NUMBER AND ENROLLMENT, BY TYPE: 1963 TO 1976

[As of fall. Covers primarily traditional Black institutions, which were founded principally in the South after the Civil War for the education of Blacks. 1976 data include institutions reporting enrollments which had a Black majority. Number of institutions reporting may vary]

ENROLLMENT	1963 <sup>1</sup>	1968	1969	1970	1971	1972	1973	1974	1975	1976
Institutions reporting, number.....	107	103	(NA)	111	115	114	114	120	113	145
Enrollment (1,000).....	105.5	180.3	188.2	207.9	236.6	246.2	247.7	288.2	282.4	371.6
Public: 2-year (1,000).....	4.3	23.1	24.3	33.0	49.8	53.7	53.2	88.7	59.0	130.6
4-year (1,000).....	60.7	99.6	106.9	115.8	124.8	130.3	132.7	137.5	156.0	160.0
Private: 2-year (1,000).....	1.9	2.3	2.3	2.6	2.6	2.6	2.4	2.2	1.9	11.5
4-year (1,000).....	38.6	55.3	54.7	56.6	59.6	59.6	59.4	59.8	65.5	69.6

NA Not available. <sup>1</sup> Enrollment figures represent resident degree-credit students, regular session only.

Source: U.S. National Center for Education Statistics, *Report on Higher Education*, 1971; and *Digest of Education Statistics*, annual.

### NO. 278. FOREIGN STUDENT ENROLLMENT IN INSTITUTIONS OF HIGHER EDUCATION, BY REGION OF ORIGIN, 1975 TO 1979, AND BY FIELD OF STUDY, 1976

[Covers nonimmigrant students only]

REGION OF ORIGIN	ENROLLMENT (1,000)					REGION OF ORIGIN	1976, PERCENT ENROLLED IN—		
	1975	1976	1977	1978	1979		Engi- neering	Sci- ence <sup>1</sup>	Busi- ness
<b>All regions.....</b>	<sup>2</sup> 154.6	179.3	203.1	235.5	263.9	<b>All regions.....</b>	21	11	14
Africa.....	18.4	25.3	25.9	29.6	34.0	Africa.....	14	14	18
Asia <sup>3</sup> .....	82.4	97.1	108.5	131.0	147.3	Asia <sup>3</sup> .....	26	12	14
Taiwan.....	10.3	11.3	12.1	13.7	15.5	Taiwan.....	26	27	8
Hong Kong.....	11.1	11.9	11.0	12.1	10.5	Hong Kong.....	19	15	21
India.....	9.7	9.6	9.4	9.1	9.4	India.....	35	17	15
Iran.....	13.8	19.9	23.3	36.2	45.3	Iran.....	40	8	10
Europe.....	13.7	14.4	16.7	19.3	21.7	Europe.....	12	12	13
Latin America <sup>4</sup> .....	26.3	29.8	37.2	38.8	41.1	Latin America <sup>4</sup> .....	18	11	13
North America.....	8.6	9.7	11.4	12.9	15.5	North America.....	6	7	9
Canada.....	8.4	9.5	11.1	12.6	15.1	Canada.....	6	7	8
Oceania.....	5.2	2.7	3.2	3.8	4.1	Oceania.....	4	9	10

<sup>1</sup> Physical and life sciences. <sup>2</sup> Distribution by region estimated for 30,416 students whose origin was unknown.

<sup>3</sup> Includes countries not shown separately. <sup>4</sup> Includes Mexico, Central America, and Caribbean.

Source: Institute of International Education, New York, N.Y., *Open Doors*, annual. (Copyright.)



# NO. 279. INSTITUTIONS OF HIGHER EDUCATION—NUMBER AND ENROLLMENT OF TOTAL AND OF FIRST-TIME STUDENTS, BY STATES AND OTHER AREAS: 1970 AND 1978

[Number of institutions for academic year beginning 1978. Opening fall enrollment of resident and extension students attending full-time or part-time. Excludes students taking courses at home for credit, by mail, radio, or TV, and students in branches of U.S. institutions operated in foreign countries. See Appendix III]

STATE OR OTHER AREA	1970			1978							
	Total enrollment (1,000)	First-time students (1,000)	Number of institutions <sup>1</sup>	ENROLLMENT (1,000)							
				Total <sup>2</sup>	Male	Female	Public	Private	First-time	Full-time	Part-time
U.S.....	8,580.9	2,063.4	3,134	11,260.1	5,641.0	5,619.1	8,785.9	2,474.2	2,389.6	6,667.7	4,592.4
N.E.....	560.1	141.5	251	713.1	355.5	357.6	366.3	346.8	157.9	457.6	255.5
Maine.....	34.1	10.0	27	41.5	21.0	20.5	30.1	11.3	8.9	28.1	13.4
N.H.....	28.4	7.6	24	41.5	22.1	19.5	23.1	18.5	11.1	31.3	10.2
Vt.....	22.2	6.0	21	29.6	13.6	15.9	17.5	12.0	6.6	22.6	7.0
Mass.....	303.8	76.1	119	384.5	192.4	192.1	168.9	215.6	84.1	251.8	132.7
R.I.....	45.9	10.7	13	63.6	32.2	31.4	33.3	30.3	13.8	40.4	23.1
Conn.....	124.7	31.1	47	152.4	74.2	78.2	93.3	59.2	33.4	83.3	69.1
M.A.....	1,433.8	319.5	527	1,736.4	860.8	875.6	1,058.8	677.6	344.4	1,096.5	640.0
N.Y.....	806.5	172.1	286	955.5	469.7	485.8	541.7	413.8	179.3	612.9	342.7
N.J.....	216.1	56.9	63	308.3	148.9	159.4	236.5	71.8	64.1	162.8	145.5
Pa.....	411.0	90.5	178	472.6	242.2	230.4	280.5	192.0	101.0	320.8	151.8
E.N.C.....	1,615.9	388.7	511	2,011.5	1,010.3	1,001.2	1,616.1	395.4	460.1	1,179.2	832.3
Ohio.....	376.3	88.4	133	450.6	227.2	223.4	350.7	100.0	96.6	283.7	166.9
Ind.....	192.7	43.3	66	222.8	116.1	106.7	168.5	54.3	49.6	148.2	74.6
Ill.....	452.1	114.8	154	611.4	298.8	312.6	465.0	146.4	137.8	318.2	293.2
Mich.....	392.7	90.8	96	485.3	244.4	240.9	422.7	62.6	104.8	268.6	216.7
Wis.....	202.1	51.4	62	241.4	123.9	117.5	209.2	32.1	71.2	160.4	81.0
W.N.C.....	685.1	165.8	328	811.8	413.7	398.2	623.4	188.4	188.5	555.2	256.7
Minn.....	160.8	36.7	65	189.1	92.7	96.4	149.0	40.1	39.9	130.4	58.7
Iowa.....	108.9	29.3	62	129.2	67.0	62.2	88.7	40.5	36.5	100.8	28.4
Mo.....	183.9	41.3	84	221.3	114.6	108.7	152.2	69.1	46.7	139.1	82.2
N. Dak.....	31.5	9.4	18	32.3	17.1	15.2	30.2	2.1	9.1	27.2	5.1
S. Dak.....	80.6	7.7	19	30.9	16.3	14.6	22.6	8.3	7.5	25.3	5.7
Nebr.....	66.9	15.3	31	81.7	42.3	39.4	67.1	14.6	20.6	52.4	29.3
Kans.....	102.5	26.1	52	127.3	63.6	63.8	113.6	13.7	28.2	60.0	47.3
S.A.....	1,070.6	277.6	515	1,609.6	793.3	816.4	1,278.1	331.5	342.2	977.3	632.3
Del.....	25.3	8.8	10	30.9	14.5	16.4	26.4	4.5	7.8	19.8	11.1
Md.....	149.6	33.6	54	214.7	100.1	114.7	186.6	28.2	50.2	107.3	107.4
D.C.....	77.2	10.4	16	81.8	42.4	39.4	13.7	68.1	10.3	45.8	36.0
Va.....	151.9	43.4	71	258.4	121.5	136.9	226.1	32.3	39.6	149.8	108.6
W. Va.....	63.2	15.9	28	79.0	38.7	40.3	68.4	10.6	16.5	48.4	30.6
N.C.....	171.9	57.2	126	262.8	130.6	132.1	205.2	57.6	79.2	187.2	75.5
S.C.....	69.5	23.8	61	130.1	67.9	62.1	102.1	27.9	35.8	91.1	39.0
Ga.....	126.5	27.6	72	174.9	88.2	86.7	138.6	36.3	32.7	120.6	54.2
Fla.....	235.5	56.9	77	377.1	189.3	187.8	311.1	66.0	70.1	207.2	169.9
E.S.C.....	411.6	98.8	222	586.5	289.3	297.2	483.7	102.8	139.4	406.8	179.7
Ky.....	96.8	21.3	42	132.7	63.9	68.8	107.9	24.8	27.8	69.3	43.4
Tenn.....	135.1	29.1	76	194.7	97.8	96.8	148.6	46.0	44.9	130.4	64.2
Ala.....	103.9	25.5	58	161.6	81.0	80.8	140.7	20.9	39.7	113.6	48.0
Miss.....	74.0	22.9	46	97.6	46.5	51.0	86.5	11.0	27.1	73.5	24.1
W.S.C.....	725.1	170.1	256	1,029.9	532.2	497.7	897.4	132.6	221.0	647.9	382.0
Ark.....	52.0	13.5	34	72.3	35.5	36.8	62.1	10.2	17.4	52.7	19.6
La.....	120.7	27.2	32	152.2	75.8	76.4	130.1	22.1	34.7	110.1	42.1
Okla.....	110.2	27.4	43	149.4	78.0	71.4	128.3	21.1	29.9	96.0	53.4
Tex.....	442.2	102.0	147	656.0	342.9	313.1	576.8	79.2	139.0	389.1	266.9
Mt.....	452.8	107.9	133	597.5	311.4	286.1	528.1	69.4	135.6	354.8	242.7
Mont.....	30.1	7.3	13	31.1	15.9	15.2	27.7	3.4	6.5	24.2	6.9
Idaho.....	34.6	11.6	9	39.3	20.0	19.3	30.7	8.5	10.0	27.3	12.0
Wyo.....	15.2	4.8	8	19.9	9.7	10.2	19.9	-	5.3	11.7	8.3
Colo.....	123.4	28.9	41	152.4	79.4	73.0	137.7	14.6	29.3	99.1	53.3
N. Mex.....	44.5	9.4	19	55.7	28.3	27.4	52.0	3.8	9.1	35.3	20.5
Ariz.....	109.6	25.9	23	176.8	90.4	86.2	171.6	5.1	47.5	83.6	93.0
Utah.....	81.7	16.6	14	89.0	50.3	38.7	55.2	33.8	20.5	63.2	25.8
Nev.....	13.7	3.4	6	33.5	17.4	16.1	33.3	2	7.4	10.6	23.0
Pac.....	1,609.0	388.9	382	2,145.7	1,057.6	1,088.1	1,916.1	229.6	396.2	974.6	1,171.1
Wash.....	183.5	53.3	49	275.3	131.3	144.0	249.4	25.9	23.8	143.1	132.2
Oreg.....	122.2	37.7	43	146.3	74.3	72.1	129.7	16.6	39.9	84.2	62.2
Calif.....	1,257.2	284.8	262	1,650.2	815.6	834.6	1,467.6	182.6	316.6	711.4	938.7
Alaska.....	9.5	2.2	16	26.4	11.3	15.0	25.9	5	7.0	6.3	20.0
Hawaii.....	36.6	10.9	12	47.5	25.1	22.4	43.5	4.0	9.1	29.5	18.0
U.S. military <sup>3</sup> .....	17.1	4.3	9	17.9	16.9	1.0	18.0	-	4.4	17.9	1.1
Other <sup>4</sup> .....	68.5	16.8	39	131.9	56.8	75.0	57.3	74.6	32.8	103.0	28.9
P. Rico.....	63.1	15.5	34	124.0	53.4	70.6	49.4	74.6	31.3	99.8	24.2
Canal Zone.....	1.2	.6	1	1.6	.7	.9	1.6	-	.2	.4	1.2
Guam.....	2.7	.6	1	3.2	1.5	1.7	3.2	-	.8	1.6	1.6
Virgin Is.....	1.4	.2	1	1.8	.6	1.3	1.8	-	.1	.5	1.3

- Represents zero. <sup>1</sup> Branch campuses counted separately. <sup>2</sup> Military academies. <sup>3</sup> Includes American Samoa and Trust Territory, not shown separately.

Source: U.S. National Center for Education Statistics, *Fall Enrollment in Higher Education*, annual.

# **No. 280. COLLEGE ENROLLMENT OF DEPENDENT FAMILY MEMBERS, 18 TO 24 YEARS OLD, BY FAMILY INCOME, IN CONSTANT (1967) DOLLARS: 1967 TO 1977**

[As of October. Income in constant 1967 dollars. Covers civilian noninstitutional population. Degree credit enrollment. A dependent family member is a relative of the family head, excluding the head's spouse. Such persons are generally sons and daughters of the family head. Based on Current Population Survey; see text, p. 1]

FAMILY INCOME		1967	1970	1971	1972	1973	1974	1975	1976	1977
1967	1977 income in 1967 dollars <sup>1</sup>	ENROLLMENT (1,000)								
All dependent family members <sup>2</sup> .....	Less than \$5,000.....	4,183	4,555	4,765	4,811	4,639	4,611	5,223	5,515	5,454
Less than \$5,000.....	Less than \$9,000.....	373	509	593	585	491	518	659	685	693
\$5,000-\$9,999.....	\$9,000-\$18,000.....	1,246	1,571	1,567	1,496	1,293	1,308	1,622	1,682	1,632
\$10,000-\$14,999.....	\$18,000-\$27,000.....	875	1,149	1,136	1,186	1,197	1,228	1,272	1,363	1,520
\$15,000 and over.....	\$27,000 and over.....	617	977	1,095	1,173	1,185	1,126	1,172	1,267	1,091
		PERCENT OF POPULATION ENROLLED								
All dependent family members <sup>2</sup> .....	Less than \$5,000.....	39.1	39.1	38.9	37.8	36.6	36.2	38.7	38.8	37.9
Less than \$5,000.....	Less than \$9,000.....	20.0	20.8	22.8	22.6	20.1	20.3	23.5	22.4	22.6
\$5,000-\$9,999.....	\$9,000-\$18,000.....	37.9	36.6	35.4	34.2	31.2	31.7	35.1	36.3	34.4
\$10,000-\$14,999.....	\$18,000-\$27,000.....	51.9	48.4	46.4	44.2	42.7	41.4	45.4	47.5	46.4
\$15,000 and over.....	\$27,000 and over.....	68.3	61.7	61.8	56.9	56.6	57.5	59.6	58.2	59.8

<sup>1</sup> Approximate comparable buying power of 1967 dollars in 1977. <sup>2</sup> Includes members with income not reported, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 319, and unpublished data.

# **No. 281. MAJOR FEDERAL STUDENT FINANCIAL ASSISTANCE PROGRAMS—TYPE OF PROGRAM, NUMBER OF RECIPIENTS, AND FUNDS UTILIZED: 1970 TO 1981**

[For years ending June 30, except College Work-Study for calendar year 1970 and, beginning 1976, Guaranteed Student Loan as of September 30. For information on various programs, see source. Funds utilized exclude operating costs, etc. and represent funds given to students]

PROGRAM	1970	1974	1975	1976	1977	1978	1979, prel.	1980, prel.	1981, proj.
<b>Basic Educational Opportunity Grants:</b>									
Number of recipients (1,000).....	(x)	185.2	573.4	1,228.0	1,945.4	1,864.0	1,893.0	2,700.0	2,600.0
Funds utilized (mil. dol.).....	(x)	51	357	937	1,474	1,588	1,581	2,311	2,322
Average grant (dol.).....	(x)	269	621	763	757	852	825	855	893
<b>Supplemental Educational Opportunity Grants:<sup>1</sup></b>									
Number of recipients (1,000).....	258.2	331.5	<sup>2</sup> 395.0	390.0	<sup>2</sup> 447.0	499.0	510.0	614.7	650.0
Funds utilized (mil. dol.).....	113	189	<sup>2</sup> 200	201	<sup>2</sup> 244	257	257	330	358
Average grant (dol.).....	440	560	<sup>2</sup> 506	513	<sup>2</sup> 546	515	522	537	551
<b>National Direct Student Loans:</b>									
Number of recipients (1,000).....	456.0	655.0	680.0	690.0	<sup>2</sup> 764.0	795.1	808.6	881.4	861.0
Loan funds utilized <sup>3</sup> (mil. dol.).....	246	433	440	460	<sup>2</sup> 560	615	640	711	711
Average loan (dol.).....	540	661	647	667	<sup>2</sup> 732	773	792	825	826
Loans in default (mil. dol.).....	(NA)	(NA)	(NA)	(NA)	582	702.5	(NA)	(NA)	(NA)
Default rate <sup>4</sup> (percent).....	(NA)	(NA)	(NA)	(NA)	16.9	17.4	(NA)	(NA)	(NA)
<b>College Work-Study:</b>									
Number of recipients (1,000).....	425.0	567.0	570.0	<sup>2</sup> 575.0	<sup>2</sup> 973.0	845.3	852.5	972.5	980.0
Funds utilized <sup>5</sup> (mil. dol.).....	200	288	295	<sup>2</sup> 300	<sup>2</sup> 506	469	488	597	609
Average annual earnings (dol.).....	470	500	520	<sup>2</sup> 520	<sup>2</sup> 520	555	573	614	622
<b>Guaranteed Student Loans:</b>									
Number of recipients (1,000).....	787.3	937.5	990.4	<sup>6</sup> 1,298.6	972.6	1,085.0	<sup>6</sup> 1,509.5	1,823.0	<sup>7</sup> 1,350.0
Loan funds utilized (mil. dol.).....	687	1,139	1,298	<sup>6</sup> 1,828	1,537	1,959	<sup>6</sup> 2,987	3,960	<sup>7</sup> 2,180
Average loan (dol.).....	872	1,215	1,311	<sup>6</sup> 1,408	1,581	1,806	<sup>6</sup> 1,977	2,170	<sup>7</sup> 1,600
Loans in default <sup>8</sup> (mil. dol.).....	(NA)	(NA)	(NA)	(NA)	(NA)	536	61	720	805
Default rate <sup>9</sup> (percent).....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	8.2	8.0	7.8

NA Not available. X Not applicable. <sup>1</sup> For 1970, data represents Educational Opportunity Grants Program. <sup>2</sup> Estimated. <sup>3</sup> Includes institutional matching funds. <sup>4</sup> Loans in default as a percent cumulative matured loans. <sup>5</sup> Data for 15 months, July 1, 1975 to September 30, 1976. <sup>6</sup> Final data. <sup>7</sup> Reflects loan data included under proposed legislation for the "Government Student Loan Association" for Supplemental Guaranteed Student Loans. <sup>8</sup> Represents only loans under Federal Insured Student loan program; however, it is estimated that as of March 31, 1979, an additional \$479 million is in default at the Guarantee Agency level.

Source: U.S. Dept. of Education, Office of Student Financial Assistance, *Program Book*, 1980.

# NO. 282. COLLEGE ENROLLMENT OF THE POPULATION, 14 TO 34 YEARS OLD, BY MAJOR FIELD OF STUDY AND SEX: 1966 TO 1978

[In thousands, except percent. As of October. Covers civilian noninstitutional population. Degree-credit enrollment only. Based on Current Population Survey; see text, p. 1]

MAJOR FIELD OF STUDY	1966, total	1972, total	1974			1978			PERCENT DISTRIBUTION		
			Total	Male	Female	Total	Male	Female	1966	1972	1978
Total enrollment <sup>1</sup>	5,999	8,313	8,827	4,926	3,901	9,838	5,124	4,714	100.0	100.0	100.0
Agriculture, forestry	73	97	104	90	14	<sup>2</sup> 144	<sup>2</sup> 82	<sup>2</sup> 62	1.2	1.2	<sup>2</sup> 1.5
Biological sciences	602	257	327	193	134	303	155	148	10.0	3.1	3.1
Health, medical profession	898	695	801	288	514	872	303	569	14.8	8.4	8.9
Business, commerce	1,118	1,157	1,378	940	438	1,956	1,138	819	18.6	13.9	19.9
Education	534	1,007	1,158	318	841	781	180	601	8.9	12.1	7.9
Engineering	620	357	410	382	28	555	498	56	3.5	4.3	5.7
English, journalism	291	264	109	156	192	58	125		10.3	3.5	2.0
Other humanities	455	404	209	194	741	325	416		5.5	7.5	
Law	(NA)	237	271	208	63	220	150	70	(NA)	2.9	2.2
Mathematics, statistics <sup>3</sup>	236	239	168	93	75	142	90	52	3.9	2.9	1.4
Physical sciences	226	157	134	97	36	193	132	61	3.8	1.9	2.0
Social sciences	642	954	771	429	342	783	374	389	10.7	11.5	7.8

NA Not available. <sup>1</sup> Includes other, not shown separately. <sup>2</sup> Includes home economics. <sup>3</sup> Includes computer sciences. Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, Nos. 183, 260, 289, and 351.

## NO. 283. MONTHLY SALARY OFFERS TO CANDIDATES FOR DEGREES: 1975 TO 1979

[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 <sup>1</sup>				DOCTOR'S			
	1975	1977	1978	1979	1975	1977	1978	1979	1975	1977	1978	1979
Accounting	981	1,062	1,124	1,206	(NA)	1,247	1,332	1,416	(NA)	(NA)	(NA)	(NA)
Business, general <sup>2</sup>	843	927	993	1,102	1,250	1,410	1,498	1,611	(NA)	(NA)	(NA)	(NA)
Marketing	801	896	960	1,040	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Engineering: Civil	1,064	1,185	1,288	1,402	1,183	1,342	1,463	1,595	1,382	1,625	1,830	2,260
Chemical	1,196	1,389	1,513	1,642	1,310	1,509	1,629	1,779	1,645	1,882	2,074	2,231
Electrical <sup>3</sup>	1,081	1,245	1,367	1,520	1,228	1,410	1,557	1,731	1,550	1,811	1,974	2,221
Mechanical	1,122	1,286	1,404	1,536	1,274	1,438	1,571	1,716	1,624	1,777	2,030	2,160
Chemistry	956	1,102	1,191	1,332	1,118	1,321	1,426	1,552	1,503	1,725	1,859	2,017
Mathematics	915	1,073	1,185	1,324	1,138	1,285	1,417	1,502	1,523	1,704	1,880	2,070
Physics	(NA)	(NA)	(NA)	(NA)	1,216	(NA)	(NA)	(NA)	1,473	1,698	1,904	2,093
Humanities	723	810	871	983	931	1,004	1,008	1,132	(NA)	(NA)	(NA)	(NA)
Social sciences	770	863	893	972	953	1,036	1,102	1,254	(NA)	(NA)	(NA)	(NA)

NA Not available. <sup>1</sup> Candidates with 1 year or less of full-time nonmilitary employment. <sup>2</sup> For master's degrees, offers are after nontechnical undergraduate degree. <sup>3</sup> Includes distribution. <sup>4</sup> Includes computer engineering in 1978. Source: College Placement Council, Inc., Bethlehem, Pa., *A Study of Beginning Offers*, annual. (Copyright.)

## NO. 284. HIGHER EDUCATION PRICE INDEXES: 1965 TO 1979

[1967=100. For years ending June 30. Reflects prices paid by colleges and universities. For explanation of average annual percent change, see Guide to Tabular Presentation]

YEAR	Index, total	Average annual percent change	PERSONNEL COMPENSATION				CONTRACTED SERVICES, SUPPLIES, AND EQUIPMENT					
			Total	Professional salaries	Nonprofessional salaries	Fringe benefits	Total	Services	Supplies and materials	Equipment	Books, periodicals	Utilities
1965	91	<sup>1</sup> 4.3	89	89	94	78	96	95	96	95	91	100
1970	121	<sup>2</sup> 5.9	124	121	118	146	111	113	106	111	121	104
1971	129	6.5	131	128	127	162	119	119	110	115	145	115
1972	136	5.4	138	133	136	180	126	126	113	119	164	122
1973	143	5.3	146	138	144	198	132	132	116	123	177	129
1974	153	7.1	155	145	153	222	145	138	132	131	195	158
1975	166	8.6	166	154	166	241	169	150	164	154	220	203
1976	177	6.6	176	162	179	267	180	157	172	163	252	219
1977	189	6.5	187	169	192	295	195	167	181	172	268	258
1978	201	6.7	199	173	207	324	209	176	188	183	286	293
1979	217	7.8	215	189	223	359	226	187	203	198	316	321

<sup>1</sup> Change from 1964. <sup>2</sup> Change from 1965.

Source: U.S. National Institute of Education, *Higher Education Prices and Price Indexes, 1978*, with annual supplements.

## NO. 285. INSTITUTIONS OF HIGHER EDUCATION—CHARGES: 1965 TO 1980

[In dollars. Estimated. Represents average charges per full-time resident degree-credit student]

ACADEMIC YEAR ENDING AND CONTROL	TUITION AND REQUIRED FEES				BOARD RATES				DORMITORY CHARGES			
	All institu- tions	2-yr. col- leges	4-yr. univer- sities	Other 4-yr. schools	All institu- tions	2-yr. col- leges	4-yr. univer- sities	Other 4-yr. schools	All institu- tions	2-yr. col- leges	4-yr. univer- sities	Other 4-yr. schools
1965: Public.....	243	99	298	224	436	361	462	402	271	176	291	241
Nonpublic.....	1,088	702	1,297	1,023	488	464	515	479	331	289	390	308
1970: Public.....	323	178	427	306	511	465	540	483	370	308	395	347
Nonpublic.....	1,533	1,034	1,809	1,469	562	547	608	543	436	413	500	409
1975: Public.....	432	277	599	448	644	638	634	613	506	424	527	497
Nonpublic.....	2,117	1,367	2,614	1,954	700	660	771	666	586	564	691	536
1978: Public.....	517	301	732	582	758	796	788	722	623	493	647	620
Nonpublic.....	2,582	1,601	3,354	2,362	851	818	965	798	719	643	874	651
1979: Public.....	554	354	770	614	796	796	827	764	659	535	639	647
Nonpublic.....	2,773	1,764	3,643	2,562	904	866	1,021	851	780	714	940	710
1980: Public.....	593	379	824	657	852	852	885	817	705	572	737	672
Nonpublic.....	3,044	1,923	3,971	2,793	985	944	1,113	928	850	778	1,025	774
Average annual percent change, public:												
1965-1970.....	5.9	12.5	7.5	6.4	3.2	5.2	3.2	3.7	6.4	11.6	6.3	7.6
1970-1975.....	6.0	9.3	7.0	7.9	4.7	6.5	3.3	4.9	6.5	6.6	5.9	7.5
1975-1980.....	6.5	6.5	6.6	8.0	5.8	6.0	6.9	5.9	6.9	6.2	6.9	6.2

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual and *Projections of Education Statistics*, annual.

## NO. 286. INSTITUTIONS OF HIGHER EDUCATION—MEDIAN ANNUAL SALARIES OF INSTRUCTIONAL FACULTY AND ADMINISTRATIVE OFFICERS: 1960 TO 1978

[For fiscal years ending in year stated. For 4-year colleges and universities. Figures for instructional faculty are for 9 months of full-time teaching; for others, usually for 11 or 12 months of service. For definition of median, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series D 913]

POSITION	MEDIAN ANNUAL SALARIES (\$1,000)								AVERAGE ANNUAL PERCENT CHANGE	
	1960	1964	1968	1970	1972	1974	1976	1978 <sup>1</sup>	1960-1970	1970-1978
<b>Instructional faculty: All ranks.....</b>	6.7	8.2	10.2	11.7	12.9	14.4	16.3	17.8	5.7	5.4
Professors.....	9.1	11.3	14.7	16.8	18.1	19.9	22.2	24.4	6.3	4.8
Associate professors.....	7.3	9.0	11.4	13.0	14.0	15.3	17.1	18.7	5.9	4.7
Assistant professors.....	6.2	7.5	9.5	10.7	11.5	12.6	14.1	15.3	5.6	4.6
Instructors.....	5.1	6.1	7.5	8.4	9.2	10.2	11.4	12.3	5.1	4.9
<b>Administrative officers:</b>										
President.....	13.8	17.3	22.3	26.0	29.8	31.3	(NA)	(NA)	6.5	<sup>2</sup> 4.8
Vice-President.....	14.2	17.1	21.5	23.3	26.3	27.7	(NA)	(NA)	5.1	<sup>2</sup> 4.4
Dean of the college.....	10.7	13.6	16.1	19.1	20.0	22.0	(NA)	(NA)	6.0	<sup>2</sup> 3.6
Dean of students.....	8.8	10.7	14.1	16.1	17.8	19.1	(NA)	(NA)	6.2	<sup>2</sup> 4.4

NA Not available. <sup>1</sup> Represents only faculty on 9-month contracts; prior years included 9-month equivalents for faculty on 11- or 12-month contract. <sup>2</sup> Percent change, 1970-1974.Source: National Education Association, Washington, D.C., Research Memo, 1977-1, *Summary of Salaries Paid in Higher Education*, biennial and, *Quartiles of Faculty Salaries Paid in Higher Education, 1977-78*. (Copyright © 1979 by the National Education Association. All rights reserved.)

## NO. 287. INSTITUTIONS OF HIGHER EDUCATION—TENURE STATUS OF FULL-TIME FACULTY, BY TYPE OF INSTITUTION AND RANK OF FACULTY: 1979

[Includes Puerto Rico and outlying areas]

ITEM	All institu- tions <sup>1</sup>	Univer- sity	Other 4-yr. schools	2-yr. schools	Profes- sor	Asso- ciate professor	Assistant professor	Instruc- tor	Lec- turer
<b>PUBLIC INSTITUTIONS</b>									
Total faculty.....	289,280	91,408	114,320	83,552	68,425	69,036	70,616	23,602	4,936
With tenure.....	172,003	57,248	70,690	44,065	63,588	56,590	22,632	2,796	801
Percent.....	59.5	62.6	61.8	52.7	92.9	82.0	32.0	11.8	16.2
<b>PRIVATE INSTITUTIONS</b>									
Total faculty.....	106,688	32,909	68,907	4,872	29,511	27,547	31,471	10,530	981
With tenure.....	49,671	17,699	30,993	979	24,703	18,276	5,411	287	13
Percent.....	46.6	53.8	45.0	20.1	83.7	66.3	17.2	2.7	1.3

<sup>1</sup> Includes instructional faculty with no academic rank, not shown separately.

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

## NO. 288. INSTITUTIONS OF HIGHER EDUCATION—FINANCES: 1960 TO 1978

[In millions of dollars. For years ending June 30. For coverage, see headnote, table 273. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 716-738 and H 747-749]

ITEM	1960	1970	1973	1974	1975	1976	1977	1978
<b>Current income</b> .....	<b>5,786</b>	<b>21,515</b>	<b>28,608</b>	<b>31,712</b>	<b>35,687</b>	<b>39,703</b>	<b>43,437</b>	<b>47,034</b>
Educational and general.....	4,688	16,486	22,127	24,628	(X)	(X)	(X)	(X)
Tuition and fees.....	1,157	4,420	6,011	6,500	7,233	8,172	9,025	9,855
Percent of current income.....	20.0	20.5	21.0	20.5	20.3	20.6	20.8	21.0
Federal government.....	1,037	2,682	3,393	3,520	4,991	5,414	5,730	6,969
State government.....	1,374	5,768	7,918	9,182	10,857	12,261	13,286	14,746
Local government.....	152	775	1,144	1,263	1,424	1,617	1,627	1,744
Endowment earnings.....	207	447	515	577	718	687	765	832
Private gifts and grants <sup>1</sup> .....	383	1,001	1,300	1,431	1,745	1,917	2,105	2,320
Related activities <sup>2</sup> .....	379	1,373	1,848	2,155	<sup>3</sup> 555	<sup>3</sup> 645	<sup>3</sup> 779	<sup>3</sup> 863
Auxiliary enterprises.....	1,004	2,900	3,467	3,734	4,080	4,548	4,920	5,328
Other current income <sup>4</sup> .....	93	2,129	3,012	3,350	4,083	4,442	5,201	5,211
Plant-fund receipts <sup>5</sup> .....	1,309	(NA)	(NA)	(NA)	3,311	3,910	3,417	5,738
Increase of endowment funds.....	<sup>6</sup> 419	368	852	338	<sup>6</sup> 486	<sup>6</sup> 959	1,117	1,124
<b>Current expenditures</b> .....	<b>5,601</b>	<b>21,043</b>	<b>27,958</b>	<b>30,713</b>	<b>35,058</b>	<b>38,903</b>	<b>42,600</b>	<b>45,971</b>
Educational and general.....	4,513	15,789	21,078	23,257				
Administration and general expense.....	583	2,628	3,713	4,201				
Instruction and departmental research <sup>7</sup> .....	1,783	7,653	10,528	11,574				
Organized research.....	1,022	2,144	2,394	2,480				
Plant operation and maintenance.....	470	1,542	2,141	2,484	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )	( <sup>8</sup> )
Related activities.....	303	648	791	838				
Libraries, extension, and public services.....	341	1,174	1,510	1,670				
Auxiliary enterprises and activities <sup>9</sup> .....	916	4,270	5,555	5,060				
Scholarships, fellowships, and prizes.....	172	985	1,322	1,396				
Gross addition to plant value <sup>10</sup> .....	1,192	4,233	3,987	4,312	4,761	4,702	4,623	4,527
Value of plant (grounds, buildings, equip.).....	13,449	42,094	53,815	58,004	62,183	66,348	70,739	74,771
Endowment (book value) <sup>10</sup> .....	5,445	10,854	13,000	13,303	13,403	13,952	14,747	15,566

NA Not available. X Not applicable. <sup>1</sup> Beginning 1970, private grants represent nongovernmental revenue for sponsored research and other sponsored programs. Beginning 1975, includes private contracts. <sup>2</sup> 1960-1974, represents related activities, sales and services of educational departments, and other miscellaneous; beginning 1975, sales and services of educational departments only. <sup>3</sup> Represents sales and services of educational activities only. <sup>4</sup> Beginning 1970, includes "major public service programs" previously reported under "educational and general." <sup>5</sup> Beginning 1975, annual net increase in plant funds. <sup>6</sup> Includes increase in student loan and annuity funds. <sup>7</sup> Beginning 1970, includes "other sponsored programs." <sup>8</sup> Figures not available on comparable basis with earlier years because of revised reporting. For later data, see table 289. <sup>9</sup> Includes expenditures from current funds for plant expansion. <sup>10</sup> Includes funds functioning as endowment and, for 1960, annuity funds.

Source: U.S. National Center for Education Statistics, 1960, *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education; thereafter, *Digest of Education Statistics*, annual.

## NO. 289. INSTITUTIONS OF HIGHER EDUCATION—CURRENT EXPENDITURES, BY TYPE OF SCHOOL: 1975 TO 1978

[In millions of dollars. For years ending June 30]

PURPOSE	1975			1977			1978		
	Total	Public	Private	Total	Public	Private	Total	Public	Private
<b>Total expenditures<sup>1</sup></b> .....	<b>35,058</b>	<b>23,490</b>	<b>11,568</b>	<b>42,600</b>	<b>28,835</b>	<b>13,965</b>	<b>45,971</b>	<b>30,725</b>	<b>15,246</b>
Educational and general.....	27,548	19,092	8,455	33,152	22,997	10,156	36,257	25,149	11,108
Instruction.....	11,798	8,574	3,224	14,031	10,202	3,829	15,336	11,148	4,188
Institutional support.....	3,057	1,917	1,140	3,762	2,389	1,372	4,142	2,625	1,517
Research.....	3,132	2,042	1,090	3,600	2,351	1,249	3,920	2,583	1,336
Plant operation <sup>2</sup> .....	2,787	1,935	852	3,437	2,409	1,027	3,795	2,664	1,131
Academic support.....	2,256	1,612	644	2,795	2,009	786	3,130	2,259	871
Libraries.....	1,032	680	352	1,250	844	407	1,349	901	447
Student services.....	1,439	985	454	1,828	1,259	570	2,035	1,398	636
Scholarships and fellowships.....	1,450	719	731	1,770	859	911	1,539	841	698
Unrestricted funds.....	632	267	365	749	291	458	818	308	513
Restricted funds.....	918	452	466	1,021	568	454	1,021	535	486
Public service.....	1,098	924	174	1,343	1,112	232	1,425	1,191	234
Mandatory transfers.....	532	356	176	585	406	178	634	439	195
Auxiliary enterprises <sup>1</sup> .....	4,074	2,537	1,537	4,858	3,087	1,771	5,261	3,344	1,917
Hospitals <sup>1</sup> .....	2,351	1,369	982	3,155	1,925	1,230	3,598	2,187	1,410
Independent operations <sup>1</sup> .....	1,087	492	594	1,435	625	809	855	45	810

<sup>1</sup> Includes mandatory transfers which are primarily current expenditures for plant. <sup>2</sup> Includes maintenance.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

# **NO. 290. VOLUNTARY FINANCIAL SUPPORT OF HIGHER EDUCATION, BY TYPE OF INSTITUTION, PURPOSE, AND SOURCE: 1965 TO 1979**

[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	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>Estimated support, total.....</b>	<b>Mil. dol</b>	<b>1,400</b>	<b>1,780</b>	<b>2,240</b>	<b>2,240</b>	<b>2,160</b>	<b>2,410</b>	<b>2,670</b>	<b>3,040</b>	<b>3,230</b>
Foundations.....	Mil. dol	402	434	524	535	497	549	558	623	700
Individuals.....	Mil. dol	628	822	1,136	1,065	1,002	1,157	1,284	1,480	1,520
Alumni.....	Mil. dol	280	381	536	509	486	588	638	714	784
Non-alumni.....	Mil. dol	348	441	600	556	516	569	646	766	736
Business corporations.....	Mil. dol	196	269	320	354	357	379	446	508	554
Religious denominations.....	Mil. dol	101	102	99	116	112	130	136	158	161
Other.....	Mil. dol	73	153	161	170	192	195	246	271	295
Current operations.....	Mil. dol	603	951	1,230	1,300	1,370	1,480	1,620	1,825	1,912
Capital purposes.....	Mil. dol	797	829	1,010	940	790	930	1,050	1,215	1,318
Enrollment, higher education.....	1,000	(NA)	6,005	9,215	9,602	10,224	11,291	11,121	11,415	11,392
Support per student.....	Dol.	(NA)	222	243	233	211	213	240	266	284
In 1967 dollars.....	Dol.	(NA)	196	198	166	137	128	136	141	138
Expenditures, higher education.....	Bil. dol.	(NA)	24.7	31.4	34.3	38.9	42.7	45.5	50.0	54.0
Expenditures per student.....	Dol.	(NA)	3,090	3,410	3,570	3,805	3,780	4,090	4,380	4,740
In 1967 dollars.....	Dol.	(NA)	2,730	2,840	2,540	2,460	2,280	2,325	2,324	2,297
Institutions reporting support.....	Number	1,064	1,045	1,020	988	986	991	1,006	1,065	972
<b>Total support reported.....</b>	<b>Mil. dol</b>	<b>1,245</b>	<b>1,472</b>	<b>1,751</b>	<b>1,747</b>	<b>1,675</b>	<b>1,891</b>	<b>2,139</b>	<b>2,348</b>	<b>2,556</b>
Percent of estimated support.....	Percent	89	83	78	78	78	78	80	77	79
Average per institution.....	\$1,000	1,170	1,409	1,717	1,768	1,698	1,908	2,126	2,206	2,630
Private 4-yr. institutions.....	Mil. dol	1,032	1,154	1,342	1,342	1,227	1,396	1,559	1,702	1,823
Public 4-yr. institutions.....	Mil. dol	195	292	383	386	431	477	562	623	715
Junior colleges.....	Mil. dol	18	26	25	19	17	18	18	23	18

NA Not available.

Source: Council for Financial Aid to Education, New York, N.Y., *Voluntary Support of Education*, annual.

## **NO. 291. INSTITUTIONS OF HIGHER EDUCATION—VALUE OF PLANT AND CURRENT OPERATIONS EXPENDITURE, STATES AND OTHER AREAS: 1975 AND 1978**

[In millions of dollars. For years ending June 30. Value of plant includes grounds, buildings, and equipment]

STATE	VALUE OF PLANT		GROSS ADDITION TO PLANT VALUE <sup>1</sup>		EXPENDITURE, CURRENT OPERATIONS		STATE OR OTHER AREA	VALUE OF PLANT		GROSS ADDITION TO PLANT VALUE <sup>1</sup>		EXPENDITURE, CURRENT OPERATIONS	
	1975	1978	1975	1978	1975	1978		1975	1978	1975	1978	1975	1978
<b>U.S.....</b>	<b>62,183</b>	<b>74,771</b>	<b>4,761</b>	<b>4,526</b>	<b>35,058</b>	<b>45,971</b>	Mont.....	206	235	8	14	92	119
Ala.....	806	1,053	83	86	492	710	Neb.....	516	573	67	30	250	359
Alaska.....	161	179	12	21	71	121	Nev.....	91	141	12	16	50	73
Ariz.....	586	714	44	43	354	494	N.H.....	292	337	10	15	162	214
Ark.....	384	513	41	52	206	287	N.J.....	1,643	1,990	190	185	765	1,046
Calif.....	5,444	6,771	483	560	4,393	5,659	N. Mex.....	304	407	25	37	145	221
Colo.....	720	863	63	41	483	631	N.Y.....	6,637	7,646	396	250	3,734	4,481
Conn.....	1,043	1,166	68	41	506	654	N.C.....	1,520	1,857	121	92	967	1,211
Del.....	254	297	21	15	96	128	N. Dak.....	220	258	9	13	101	143
D.C.....	671	756	57	71	460	628	Ohio.....	2,814	3,289	172	146	1,382	1,770
Fla.....	1,360	1,719	121	134	911	1,189	Okl.....	709	855	75	51	329	487
Ga.....	1,154	1,346	90	64	607	792	Oreg.....	701	840	46	41	389	543
Hawaii.....	224	333	28	68	140	178	Pa.....	3,529	4,255	207	295	1,872	2,507
Idaho.....	225	289	15	17	104	147	R.I.....	415	451	20	10	192	247
Ill.....	3,279	3,923	275	185	1,990	2,613	S.C.....	761	901	93	60	390	516
Ind.....	1,775	1,951	112	69	823	1,029	S. Dak.....	181	187	6	10	105	122
Iowa.....	964	1,254	92	99	536	735	Tenn.....	1,172	1,372	141	75	620	826
Kans.....	637	791	29	42	352	480	Texas.....	3,032	4,060	342	481	1,575	2,318
Ky.....	926	1,156	53	83	413	561	Utah.....	507	584	47	43	296	408
La.....	897	1,183	43	80	426	589	Vi.....	240	269	13	13	119	153
Maine.....	248	277	16	8	134	171	Va.....	1,213	1,415	124	84	655	929
Md.....	1,144	1,415	134	81	726	970	Wash.....	1,342	1,636	79	98	620	823
Mass.....	2,440	2,809	134	118	1,467	1,841	W. Va.....	593	721	27	19	164	215
Mich.....	2,569	3,033	164	148	1,417	1,833	Wis.....	1,583	1,888	94	89	839	1,080
Minn.....	1,434	1,658	137	95	749	882	Wyo.....	119	136	6	9	60	80
Miss.....	495	627	37	39	304	429	U.S. acad. <sup>2</sup>	664	798	20	15	322	416
Mo.....	1,339	1,602	80	75	706	918	Outlying areas.....	241	298	12	33	243	311

<sup>1</sup> Includes expenditures from current funds for plant expansion.

<sup>2</sup> Military academies.

Source: U.S. National Center for Education Statistics, *Financial Statistics of Institutions of Higher Education*, annual.

### NO. 292. EARNED DEGREES CONFERRED, BY LEVEL OF DEGREE: 1950 TO 1978

[In thousands, except percent. Includes Puerto Rico; 1965, Guam; and 1970, Virgin Islands. See *Historical Statistics, Colonial Times to 1970*, series H 751-763, for similar data. See also Appendix III]

YEAR	TOTAL		BACHELOR'S <sup>1</sup>		MASTER'S <sup>2</sup>		DOCTORATES		PERCENT OF TOTAL		
	Number	Percent male	Male	Female	Male	Female	Male	Female	Bachelor's <sup>1</sup>	Master's <sup>2</sup>	Doctorates
1950	499	75.6	330	104	41	17	6.0	.6	87.0	11.7	1.3
1955	354	65.0	184	104	39	19	8.0	.8	81.1	16.4	2.5
1960	479	65.8	256	139	51	24	8.8	1.0	82.4	15.5	2.1
1965	668	61.5	320	219	76	36	14.7	1.8	80.7	16.8	2.5
1970	1,073	59.6	487	346	126	83	25.9	4.0	77.7	19.5	2.8
1971	1,148	59.3	514	370	139	93	27.5	4.6	77.0	20.2	2.8
1972	1,224	59.1	545	393	150	103	28.1	5.3	76.6	20.7	2.7
1973	1,280	58.7	568	412	155	110	28.6	6.2	76.6	20.7	2.7
1974	1,321	58.0	580	429	158	120	27.4	6.5	76.4	21.1	2.6
1975	1,316	58.8	558	430	162	132	26.8	7.3	75.1	22.3	2.6
1976	1,345	56.2	562	436	168	145	26.3	7.8	74.2	23.3	2.5
1977	1,344	55.4	552	441	168	150	25.2	8.1	73.9	23.7	2.5
1978	1,341	53.2	544	454	161	150	23.7	8.5	74.4	23.2	2.4

<sup>1</sup> Includes 1st professional degrees. <sup>2</sup> Includes 2d level degrees.

Source: U.S. National Center for Education Statistics, *Earned Degrees Conferred*, annual.

### NO. 293. DEGREES CONFERRED IN SELECTED PROFESSIONS: 1950 TO 1978

[First professional degrees for medicine, dentistry, and law. NA=Not available. See Appendix III]

TYPE OF DEGREE	1950	1955	1960	1965	1970	1975	1976	1977	1978
Medicine (M.D.):									
Institutions conferring degrees	72	72	79	81	86	104	107	109	109
Degrees conferred, total	5,612	7,014	7,032	7,304	8,314	12,447	13,426	13,461	14,279
Men	5,028	6,883	6,645	6,832	7,615	10,818	11,252	10,891	11,210
Women	584	331	387	472	699	1,629	2,174	2,570	3,069
Dentistry (D.D.S. or D.M.D.):									
Institutions conferring degrees	40	42	45	45	48	52	56	57	57
Degrees conferred, total	2,579	3,099	3,247	3,107	3,718	4,773	5,425	5,138	5,189
Men	2,561	3,071	3,221	3,085	3,684	4,627	5,187	4,764	4,623
Women	18	28	26	22	34	146	238	374	566
Law (LL.B. or J.D.):									
Institutions conferring degrees	(NA)	128	134	134	145	154	166	169	169
Degrees conferred, total	(NA)	8,209	9,240	11,583	14,916	29,296	32,293	34,104	34,402
Men	(NA)	7,921	9,010	11,216	14,115	24,881	26,085	26,447	25,457
Women	(NA)	288	230	367	801	4,415	6,208	7,657	8,945
Engineering:									
Degrees conferred, total	58,066	27,527	45,624	50,664	63,753	65,308	65,494	68,114	74,492
Bachelor's	52,668	22,445	37,679	36,485	44,479	46,852	46,331	49,283	55,654
Master's	4,904	4,483	7,159	12,055	15,593	15,348	16,342	16,245	16,398
Doctorates	494	599	786	2,124	3,681	3,108	2,821	2,586	2,440

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.

### NO. 294. EARNED DEGREES BELOW BACHELOR'S, BY CURRICULUM: 1971 TO 1978

[In thousands, except percent. Includes Puerto Rico and outlying areas. Covers associate degrees and other awards based on post-secondary curriculums of less than 4 years in institutions of higher education]

TYPE OF CURRICULUM	1971	1973	1974	1975	1976	1977	1978	PERCENT FEMALE			
								1971	1975	1977	1978
All degrees	303.4	389.0	429.7	448.5	487.7	511.0	524.0	44.5	46.7	48.9	50.9
Arts, science (incl. general programs)	150.0	165.0	169.2	171.4	174.7	176.0	172.0	43.2	45.3	47.4	49.6
Occupational	153.5	224.0	260.5	277.2	313.0	334.5	352.0	45.7	47.8	49.7	51.5
Science and engineering	87.7	129.9	147.3	159.0	174.8	186.4	194.3	42.0	47.9	48.3	49.2
Health service	34.5	58.9	70.3	76.7	83.5	88.0	90.6	91.8	87.5	86.8	87.6
Nursing, R.N.	14.4	23.3	28.7	32.4	34.3	35.9	36.8	95.8	93.1	93.0	92.5
Mechanical and engineering	37.4	48.5	52.6	56.3	63.3	68.1	71.6	1.4	2.6	3.9	5.1
Natural science	7.0	14.0	16.4	18.0	18.5	20.9	21.2	22.8	30.9	33.6	37.7
Data processing	8.7	5.5	8.0	7.9	8.5	9.4	10.8	35.6	32.6	42.5	42.8
Business and commerce	51.0	66.7	80.5	83.0	96.8	105.7	115.9	54.0	51.9	56.1	58.1
Secretarial	16.5	22.0	27.3	27.5	29.0	30.8	32.8	98.3	98.9	98.6	98.9
Public service	14.8	27.3	32.8	35.2	41.4	42.4	41.9	38.8	38.6	39.9	43.8
Police and corrections	6.9	12.7	15.9	17.0	20.3	20.0	19.3	6.1	12.4	16.9	21.0

<sup>1</sup> 1971 and 1973 excludes degrees below the technical or semiprofessional level.

Source: U.S. National Center for Education Statistics, *Associate Degrees and Other Formal Awards Below the Baccalaureate*, annual.

NO. 295. EARNED DEGREES CONFERRED, BY FIELD OF STUDY, 1973 TO 1978, AND BY LEVEL OF DEGREE AND SEX, 1978

MAJOR FIELD OF STUDY	BACHELOR'S <sup>1</sup> (1,000)							MASTER'S, 1978		DOCTORATES, 1978	
	1973	1974	1975	1976	1977	1978		Total	Male	Total	Male
						Total	Male				
All fields.....	922.4	945.8	922.9	925.7	919.5	921.2	487.3	311,620	161,212	32,131	23,658
Agriculture.....	14.8	16.3	17.5	19.4	21.5	22.7	17.1	4,023	3,268	971	909
Animal science.....	2.9	3.1	3.4	3.9	4.1	4.1	2.6	478	395	125	119
Forestry.....	2.0	2.3	2.6	2.7	2.7	2.7	2.3	488	414	93	90
All other.....	9.9	10.8	11.5	12.9	14.7	15.9	12.1	3,057	2,459	753	700
Architecture.....	7.0	7.8	8.2	9.1	9.2	9.3	7.1	3,115	2,304	73	57
Area studies.....	3.1	3.2	3.0	3.1	3.0	2.9	1.1	925	483	145	100
Biological sciences.....	42.2	48.3	51.7	54.3	53.8	51.5	31.7	8,806	4,400	3,309	2,511
Biology, general.....	31.2	36.2	38.7	40.2	39.5	37.6	22.9	3,094	2,005	664	478
Zoology, general.....	5.4	5.7	5.6	5.5	5.0	4.5	3.0	475	318	284	212
All other.....	5.7	6.4	7.4	8.6	9.1	9.4	5.8	3,237	2,077	2,381	1,821
Business and management.....	126.8	132.4	133.8	143.4	152.1	161.3	117.5	48,484	40,301	867	795
Business management and ad- ministration.....	32.9	36.6	38.9	44.1	47.4	51.0	38.8	25,249	21,398	457	417
Business, commerce, general.....	29.9	32.7	31.2	30.1	30.2	31.9	23.1	9,967	8,227	162	149
Accounting.....	27.9	29.3	31.1	35.8	39.2	40.1	28.3	3,354	2,633	44	41
All other.....	36.1	33.8	32.6	33.4	35.4	38.3	27.3	9,914	8,043	204	188
Communications.....	14.3	17.1	19.2	21.3	23.2	25.4	13.5	3,296	1,673	191	138
Computer and information sci- ences.....	4.3	4.8	5.0	5.7	6.4	7.2	5.3	3,038	2,471	196	181
Education.....	194.2	185.2	167.0	154.8	143.7	136.1	37.5	118,582	38,281	7,586	4,630
Elementary, general.....	89.3	80.2	68.7	60.3	53.0	49.3	5.8	19,997	2,647	223	67
Physical.....	26.9	27.7	24.6	24.2	23.3	22.7	12.1	4,638	2,660	210	126
Music.....	7.4	7.7	8.0	7.9	7.6	7.4	3.1	1,355	679	66	44
Special education, general.....	5.5	6.7	7.8	8.2	8.5	8.5	.9	9,086	1,550	255	133
Other education fields.....	65.1	62.8	57.9	54.2	51.2	48.2	15.5	83,606	30,745	6,832	4,260
Engineering.....	51.3	50.3	48.9	48.3	49.3	55.7	51.9	16,398	15,533	2,440	2,383
Fine and applied arts.....	36.0	39.7	40.8	42.1	41.8	41.0	15.6	9,036	4,327	708	448
Art <sup>2</sup> .....	15.3	16.4	16.2	16.4	16.3	15.9	5.1	2,739	1,218	115	46
Music <sup>3</sup> .....	6.7	7.9	8.7	9.1	9.2	9.0	4.2	3,484	1,772	395	285
Dramatic arts.....	4.7	5.4	5.5	5.7	5.2	5.0	2.1	1,295	659	116	80
All other.....	9.2	10.1	10.5	10.9	11.1	11.0	4.1	1,538	678	62	37
Foreign languages.....	19.0	18.8	17.6	15.5	13.9	12.7	3.1	2,726	795	649	294
Health professions.....	33.6	41.5	49.1	54.0	57.3	59.4	11.8	14,325	4,265	654	402
Nursing.....	15.4	19.3	23.7	26.7	28.4	30.0	1.6	3,779	141	56	3
Pharmacy.....	5.0	5.6	6.3	6.9	7.5	7.3	4.7	320	229	96	83
Medical lab. technology.....	3.7	4.8	5.0	5.4	5.3	5.2	1.1	263	113	4	3
All other.....	9.4	11.8	14.0	15.0	16.1	16.9	4.2	9,983	3,782	498	313
Home economics.....	13.5	15.3	16.8	17.4	17.4	17.6	.8	2,613	212	203	58
Law (excl. first professional).....	.5	.5	.4	.5	.6	.6	.5	1,786	1,525	39	34
Letters.....	71.0	65.0	57.6	51.5	47.1	44.3	19.0	10,011	3,830	2,069	1,261
Library sciences.....	1.2	1.2	1.1	.8	.8	.7	.1	8,914	1,384	67	43
Mathematical subjects.....	23.1	21.6	18.2	16.0	14.2	12.6	7.4	3,373	2,228	805	681
Military sciences.....	.3	.3	.3	1.2	.9	.4	.4	45	44	-	-
Physical sciences.....	20.7	21.2	20.8	21.5	22.5	23.0	18.1	5,581	4,820	3,133	2,821
Chemistry, general.....	10.1	10.3	10.4	11.0	11.1	11.2	8.5	1,751	1,345	1,374	1,183
Physics.....	4.1	3.9	3.6	3.5	3.4	3.3	3.0	1,294	1,171	873	824
Geology.....	2.8	3.1	3.2	3.3	3.7	4.2	3.3	1,126	922	228	204
All other.....	3.6	3.8	3.5	3.8	4.3	4.2	3.4	1,390	1,182	658	610
Psychology.....	47.7	51.8	51.0	49.9	47.4	44.6	18.3	8,160	3,919	2,587	1,621
Public affairs and services.....	17.8	24.0	28.2	33.2	36.3	37.2	18.9	19,953	10,445	395	267
Social sciences.....	156.4	150.8	135.7	126.8	117.4	113.2	67.4	14,634	9,784	3,583	2,713
History.....	40.9	37.0	31.5	28.4	25.4	23.0	14.8	3,033	1,923	813	629
Sociology.....	35.4	35.5	31.5	27.6	24.7	22.8	8.3	1,611	978	598	376
Political science, government.....	30.1	30.7	29.1	28.3	26.4	26.1	18.0	2,069	1,523	636	517
Social sciences, general.....	18.0	16.9	13.8	12.3	10.8	11.3	6.6	2,257	1,480	110	83
Economics.....	14.8	14.3	14.0	14.7	15.3	15.7	11.8	1,995	1,599	706	626
All other.....	17.1	16.4	15.8	15.4	14.7	14.5	8.0	3,669	2,375	719	482
Theology.....	3.5	4.2	4.8	5.5	6.1	6.3	4.8	3,329	2,314	1,160	1,106
Theological professions, gen'l.....	1.7	2.5	2.8	3.5	3.9	4.0	3.4	1,847	1,501	1,079	1,038
Religious education.....	1.0	1.3	1.4	1.5	1.6	1.7	.9	1,094	538	37	32
All other.....	.8	.4	.7	.5	.7	.6	.4	388	275	44	36
Interdisciplinary studies <sup>4</sup> .....	20.3	24.5	28.2	32.4	33.9	35.6	18.8	4,487	2,806	301	205

- Represents zero. <sup>1</sup> Requiring 4 or 5 years. <sup>2</sup> Includes history and appreciation. <sup>3</sup> Includes performing and liberal arts, history, and appreciation. <sup>4</sup> Comprises general liberal arts and sciences, biological and physical sciences, humanities and social sciences, engineering, and other disciplines.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, annual.



### NO. 296. NONCOLLEGIATE POSTSECONDARY SCHOOLS—ENROLLMENT AND INSTRUCTIONAL STAFF, BY TYPE OF SCHOOL: 1978

[For school year ending in June. Includes Puerto Rico. Covers schools offering occupational programs, including correspondence schools]

ITEM	UNIT	Total <sup>1</sup>	Vocational and technical	Technical institute	Business and office	Cosmetology and barber	Flight	Trade	Arts/Design	Hospital	Allied health
Schools.....	Number.....	7,707	616	108	1,269	2,163	1,064	750	252	917	358
Total enrollment.....	1,000.....	1,761	575	55	531	132	63	203	49	48	59
Percent female.....	Percent.....	52.0	43.9	10.4	59.8	84.9	8.2	21.1	60.3	91.4	86.6
Full-time.....	1,000.....	1,235	372	31	356	110	14	159	36	48	52
Part-time.....	1,000.....	526	203	24	155	22	49	44	13	-	6
Public.....	1,000.....	452	405	11	1	-	(Z)	4	-	6	9
Private.....	1,000.....	1,309	170	44	530	132	63	199	49	42	49
Instructional staff.....	1,000.....	63	19	1	10	8	5	4	3	10	2
Percent female.....	Percent.....	47.1	34.2	7.7	50.6	79.0	6.4	15.6	34.6	78.9	76.1

- Represents zero. Z Less than 500. <sup>1</sup> Includes other types, not shown separately.

Source: U.S. National Center for Education Statistics, *Directory of Postsecondary Schools with Occupational Programs, 1978*, and *Enrollments and Programs in Noncollegiate Postsecondary Schools, 1978*.

### NO. 297. LIBRARIES—NUMBER, BY TYPE: 1978 AND 1979

TYPE	TOTAL		PERCENT		TYPE	TOTAL		PERCENT	
	1978	1979	1978	1979		1978	1979	1978	1979
Total <sup>1</sup> .....	35,124	32,377	100.0	100.0	Academic.....	4,129	4,676	11.8	14.4
United States.....	29,480	29,446	83.9	90.9	Junior college.....	1,142	1,135	3.3	3.5
Public.....	8,455	8,601	24.1	26.6	Universities, colleges.....	1,708	1,912	4.9	5.9
Public branches.....	5,963	5,789	17.0	17.9	Departmental.....	1,279	1,629	3.6	5.0
Special.....	5,287	5,284	15.1	16.4	Law, medicine, religious.....	277	512	.8	1.6
Medical.....	2,001	1,705	5.7	5.3	Armed Forces.....	437	489	1.2	1.5
Government.....	1,259	1,451	3.6	4.5	Law <sup>2</sup> .....	841	429	2.4	1.3
Religious.....	1,088	1,012	3.1	3.1	Outlying areas.....	155	141	.4	.4

<sup>1</sup> 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.

<sup>2</sup> Law libraries with more than 10,000 volumes.

Source: R.R. Bowker Co., New York, N.Y., *The Bowker Annual Library and Book Trade Information and American Library Directory*, annual. (Copyright by Xerox Corporation.)

### NO. 298. FEDERALLY AIDED VOCATIONAL PROGRAMS—ENROLLMENT AND EXPENDITURES: 1950 TO 1978

[For years ending June 30. Includes Puerto Rico for all years; Virgin Islands from 1955; Guam from 1960; American Samoa and Trust Territory of the Pacific Islands from 1970; and N. Marianas Is. beginning 1978. See also *Historical Statistics, Colonial Times to 1970*, series H 572-581]

YEAR	ENROLLMENT (1,000)					EXPENDITURES (mil. dol.)		
	Total <sup>1</sup>	Home economics	Office occupations	Trade, industrial	Agriculture	Total	Federal	State and local
1950.....	3,365	1,430	-	805	765	128.7	26.6	102.1
1955.....	3,314	1,432	-	871	776	164.8	30.4	134.4
1960.....	3,768	1,588	-	938	796	236.8	45.3	193.5
1965.....	5,431	2,089	731	1,088	888	604.6	156.9	447.7
1970.....	8,794	2,570	2,111	1,906	853	1,866.2	300.7	1,565.5
1972.....	11,602	3,446	2,352	2,398	896	2,660.8	466.0	2,194.7
1973.....	12,072	3,517	2,499	2,702	928	3,033.7	482.4	2,551.3
1974.....	13,556	3,703	2,757	2,824	976	3,433.8	468.2	2,965.6
1975.....	15,340	3,746	2,951	3,017	1,013	4,037.3	536.1	3,501.1
1976.....	15,346	3,986	3,115	3,110	1,060	5,150.2	543.2	4,607.0
1977.....	16,464	4,164	3,273	3,247	1,055	4,862.6	533.6	4,428.9
1978.....	17,599	4,199	3,312	3,403	1,007	5,575.8	495.4	5,080.4

- Represents zero. <sup>1</sup> Includes programs not shown separately. Represents unduplicated enrollment.

Source: U.S. Office of Human Development Services, *Vocational and Technical Education*, annual.

## No. 299. PERSONS ENROLLED IN VOCATIONAL COURSES: 1976

[Persons 14 years old and over; civilian noninstitutional population. As of October]

ENROLLMENT	All persons (1,000)	PERCENT OF ALL PERSONS						
		Male	Female	White	Black	14-21 yr. old	22-24 yr. old	35 yr. and over
Vocational school:								
Total enrolled.....	7,210	52.5	47.5	90.7	7.7	17.5	44.2	38.3
In October.....	3,107	50.3	49.7	91.1	7.3	20.6	45.9	33.6
In previous 12 mos. ....	4,103	54.1	45.9	90.3	7.9	15.2	42.9	41.9
Regular school enrolled.....	27,632	51.9	48.1	84.8	13.2	79.3	16.1	4.5

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 343.

## No. 300. WORK/TRAINING ACTS—ENROLLMENTS AND OBLIGATIONS: 1977 TO 1979

[For years ending Sept. 30, except as noted. Covers programs administered by the U.S. Dept. of Labor]

PROGRAM	FIRST-TIME ENROLLMENTS (1,000)			CURRENT ENROLLMENTS (1,000)			OBLIGATIONS (mil. dol.)		
	1977	1978	1979	1977	1978	1979	1977 <sup>1</sup>	1978	1979
Total.....	3,429	4,377	4,013	1,358	2,861	2,748	9,527	7,596	10,590
CETA <sup>2</sup> .....	2,838	3,325	3,044	1,003	1,271	1,208	9,132	7,145	10,097
Training and Work Experience.....	1,110	965	891	367	324	299	1,871	1,910	1,943
Public Service Employment.....	597	657	694	523	596	555	6,202	2,208	5,779
Special Target Groups <sup>3</sup> .....	174	210	176	91	105	175	254	684	414
Job Corps.....	41	49	59	22	24	33	210	377	401
Summer Youth Program.....	907	994	821	(X)	(X)	(X)	595	755	662
Young Adult Conservation Corps.....	(X)	52	41	(X)	26	20	(X)	227	227
Youth Employment Training Program.....	(X)	398	362	(X)	196	124	(X)	984	671
Older Americans Act.....	20	39	48	20	37	40	150	201	221
Work Incentive Program.....	571	1,013	921	335	1,553	1,502	245	250	272

NA Not available. X Not applicable. <sup>1</sup> For 15 months, July 1, 1976–Sept. 30, 1977. <sup>2</sup> Comprehensive Employment and Training Act. <sup>3</sup> Includes Indian and Migrant programs.Source: U.S. Employment and Training Administration, *Employment and Training Report of the President*, annual.

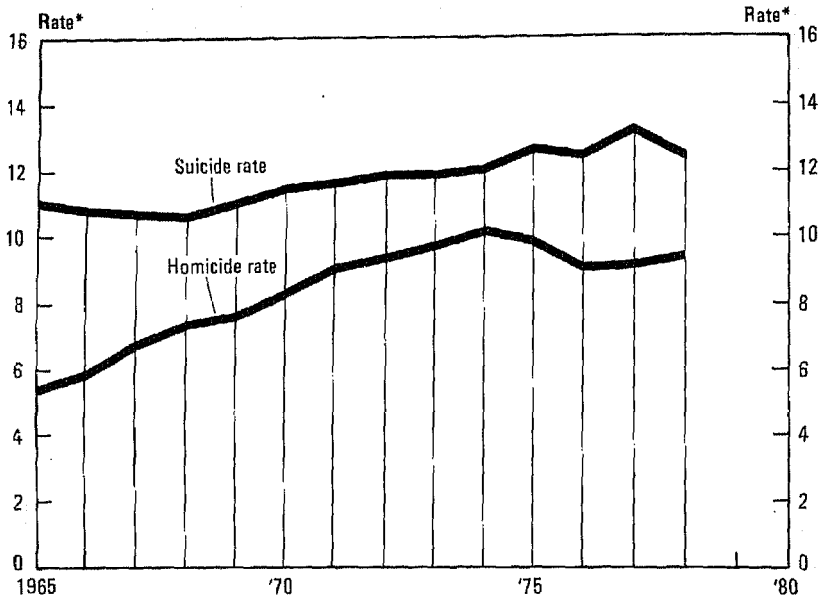
## No. 301. ADULT EDUCATION—PERCENT PARTICIPATION, BY ANNUAL FAMILY INCOME AND PROVIDER OF INSTRUCTION, AND BY SEX AND RACE: 1978

[For year ending in May. Includes all participants in adult education 17 years old and over regardless of their enrollment status in high school or college]

FAMILY INCOME AND PROVIDER OF INSTRUCTION	Total	Male	Female	White	Black	Other
Participants in adult education (1,000).....	18,197	7,820	10,377	16,935	928	334
Percent of population.....	11.8	10.7	12.7	12.5	5.8	12.8
PERCENT OF POPULATION						
Annual family income:						
Under \$5,000.....	4.9	4.1	5.3	5.6	2.5	6.2
\$5,000–\$7,499.....	5.3	5.0	7.3	6.8	4.0	3.4
\$7,500–\$9,999.....	9.7	7.6	11.5	10.4	5.6	12.2
\$10,000–\$14,999.....	11.3	9.6	12.9	11.8	6.8	14.1
\$15,000–\$24,999.....	15.1	14.1	16.3	15.6	9.0	17.3
\$25,000–\$49,999.....	18.4	16.1	20.8	18.6	13.1	17.2
\$50,000 and over.....	18.3	15.0	21.9	18.2	19.5	23.4
Not reported.....	6.6	5.8	7.4	6.8	4.1	7.3
PERCENT DISTRIBUTION <sup>1</sup>						
Provider of instruction:						
Elementary, junior or high school.....	11.7	7.8	14.7	11.3	16.3	19.7
2-year college or voc-tech institute.....	18.6	16.2	20.4	18.6	20.4	15.4
4-year college or university.....	18.4	19.4	17.8	18.4	18.3	22.5
Vocational, trade, or business school.....	8.8	9.4	8.3	8.8	9.3	6.0
Tutor or private instructor.....	6.4	4.1	8.1	6.6	2.0	4.9
Business or industry.....	13.7	13.7	9.2	13.9	11.7	6.9
Labor organization or professional assn.....	4.3	5.7	3.3	4.5	2.6	2.2
Government agency.....	10.2	10.4	10.1	10.1	11.3	13.2
Private community organization.....	10.9	7.5	13.4	11.1	5.6	11.8
Other.....	9.8	9.3	10.1	9.9	2.8	8.5
Employer gave course for employees.....	19.6	26.1	14.7	19.4	25.9	5.9

<sup>1</sup> Percentages total more than 100 since some adults received instruction from more than one type of provider.Source: U.S. National Center for Education Statistics, *Participation in Adult Education, 1978*.

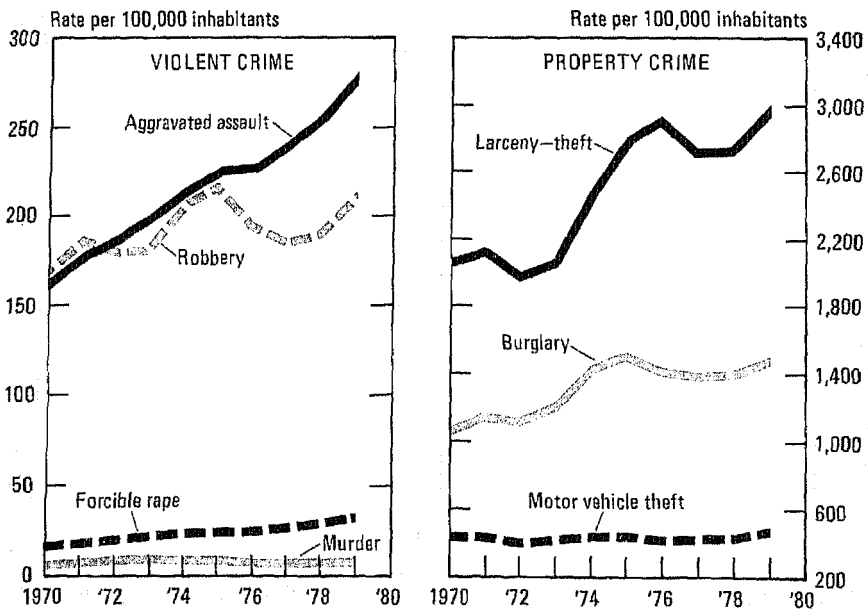
Figure 6.1  
Homicide and Suicide Rates: 1965 to 1978



\* Rate per 100,000 resident population.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 310.

Figure 6.2  
Selected Crime Rates: 1970 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 302.

## NO. 299. PERSONS ENROLLED IN VOCATIONAL COURSES: 1976

(Persons 14 years old and over; civilian noninstitutional population. As of October)

ENROLLMENT	All persons (1,000)	PERCENT OF ALL PERSONS						
		Male	Female	White	Black	14-21 yr. old	22-24 yr. old	35 yr. and over
Vocational school:								
Total enrolled.....	7,210	52.5	47.5	90.7	7.7	17.5	44.2	38.3
In October.....	3,107	50.3	49.7	91.1	7.3	20.6	45.9	33.6
In previous 12 mos.....	4,103	54.1	45.9	90.3	7.9	15.2	42.9	41.9
Regular school enrolled.....	27,632	51.9	48.1	84.8	13.2	79.3	16.1	4.5

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 343.

## NO. 300. WORK/TRAINING ACTS—ENROLLMENTS AND OBLIGATIONS: 1977 TO 1979

(For years ending Sept. 30, except as noted. Covers programs administered by the U.S. Dept. of Labor)

PROGRAM	FIRST-TIME ENROLLMENTS (1,000)			CURRENT ENROLLMENTS (1,000)			OBLIGATIONS (mil. dol.)		
	1977	1978	1979	1977	1978	1979	1977 <sup>1</sup>	1978	1979
Total.....	3,429	4,377	4,013	1,358	2,861	2,748	9,527	7,596	10,590
CETA <sup>2</sup> .....	2,838	3,325	3,044	1,003	1,271	1,206	9,132	7,145	10,097
Training and Work Experience.....	1,110	965	891	367	324	299	1,871	1,910	1,943
Public Service Employment.....	597	657	694	523	596	555	6,202	2,208	5,779
Special Target Groups <sup>3</sup> .....	174	210	176	91	105	175	254	684	414
Job Corps.....	41	49	59	22	24	33	210	377	401
Summer Youth Program.....	907	994	821	(NA)	(x)	(x)	595	755	662
Young Adult Conservation Corps.....	(x)	52	41	(x)	26	20	(x)	227	227
Youth Employment Training Program.....	(x)	398	362	(x)	196	124	(x)	984	671
Older Americans Act.....	20	39	48	20	37	40	150	201	221
Work Incentive Program.....	571	1,013	921	335	1,553	1,502	245	250	272

NA Not available. X Not applicable. <sup>1</sup> For 15 months, July 1, 1976–Sept. 30, 1977. <sup>2</sup> Comprehensive Employment and Training Act. <sup>3</sup> Includes Indian and Migrant programs.

Source: U.S. Employment and Training Administration, *Employment and Training Report of the President*, annual.

## NO. 301. ADULT EDUCATION—PERCENT PARTICIPATION, BY ANNUAL FAMILY INCOME AND PROVIDER OF INSTRUCTION, AND BY SEX AND RACE: 1978

(For year ending in May. Includes all participants in adult education 17 years old and over regardless of their enrollment status in high school or college)

FAMILY INCOME AND PROVIDER OF INSTRUCTION	Total	Male	Female	White	Black	Other
Participants in adult education (1,000).....	18,197	7,820	10,377	16,935	928	334
Percent of population.....	11.8	10.7	12.7	12.5	5.8	12.8
PERCENT OF POPULATION						
Annual family income:						
Under \$5,000.....	4.9	4.1	5.3	5.6	2.5	6.2
\$5,000–\$7,499.....	6.3	5.0	7.3	6.8	4.0	3.4
\$7,500–\$9,999.....	9.7	7.6	11.5	10.4	5.6	12.2
\$10,000–\$14,999.....	11.3	9.6	12.9	11.8	6.8	14.1
\$15,000–\$24,999.....	15.1	14.1	16.3	15.6	9.0	17.3
\$25,000–\$49,999.....	18.4	16.1	20.8	18.6	13.1	17.2
\$50,000 and over.....	18.3	15.0	21.9	18.2	19.5	23.4
Not reported.....	6.6	5.8	7.4	6.8	4.1	7.3
PERCENT DISTRIBUTION <sup>1</sup>						
Provider of instruction:						
Elementary, junior or high school.....	11.7	7.8	14.7	11.3	16.3	19.7
2-year college or voc-tech institute.....	18.6	16.2	20.4	18.6	20.4	15.4
4-year college or university.....	18.4	19.4	17.8	18.4	18.3	22.5
Vocational, trade, or business school.....	8.8	9.4	8.3	8.8	9.3	6.0
Tutor or private instructor.....	6.4	4.1	8.1	6.6	2.0	4.9
Business or industry.....	13.7	19.7	9.2	13.9	11.7	6.9
Labor organization or professional assn.....	4.3	5.7	3.3	4.5	2.6	2.2
Government agency.....	10.2	10.4	10.1	10.1	11.3	13.2
Private community organization.....	10.9	7.5	13.4	11.1	5.6	11.8
Other.....	9.8	9.3	10.1	9.9	2.8	8.5
Employer gave course for employees.....	19.6	26.1	14.7	19.4	25.9	15.9

<sup>1</sup> Percentages total more than 100 since some adults received instruction from more than one type of provider.Source: U.S. National Center for Education Statistics, *Participation in Adult Education*, 1978.