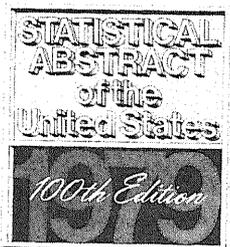


## Vital Statistics



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

**Registration of vital events.**—The registration of births, deaths, fetal deaths, and other vital events in the United States is primarily a State and local function. The civil laws of every State provide for a continuous and permanent birth and death registration system. Many States also provide for marriage- and divorce-registration systems.

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

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

Mortality statistics by cause of death are compiled in accordance with World Health Organization regulations according to the *International Classification of Diseases*, (ICD). The ICD is revised approximately every 10 years. The eighth revision of the ICD, in use for the latest data shown here, was employed from 1968 to 1978. In January 1979, the ninth revision was put in use. Each revision of the ICD introduces a number of discontinuities in mortality statistics; for a discussion of those between the seventh and eighth revisions of the ICD, see *Vital and Health Statistics*, series 2, No. 66.

**Fertility and life expectancy.**—The total fertility rate, narrowly defined as the number of births that 1,000 women would have in their lifetime if, at each year of age, they experienced the birth rates occurring in the specified year, is compiled and published by NCHS. Other data relating to social and medical factors which affect fertility rates, such as contraceptive use and birth expectations, are collected and made available by both NCHS and the Bureau of the Census. NCHS figures are based on information in birth and fetal death certificates and on the 1973 and 1976 National Surveys of Family Growth; Bureau of the Census data are based on decennial censuses and the CPS.

Life expectancy data are computed and published by NCHS. Age-at-time-of-death data are obtained by examination of death certificates sent to NCHS. The population data on which the rates are based are supplied by the Bureau of the Census and consist of decennial census figures and annual population estimates. For details, see the technical appendix in *Vital Statistics of the United States*.

**Marriage and divorce.**—The compilation of nationwide statistics on marriages and divorces in the United States began in 1887–1888 when the National Office of Vital Statistics prepared estimates for the years 1867–1886. Although periodic updates took place after 1888, marriage and divorce statistics were not collected and published annually until 1944 by that Office. In 1957 and 1958, respectively, the same Office established marriage- and divorce-registration areas. At the beginning of 1957, the marriage-registration area comprised 32 States, the Virgin Islands, and Puerto Rico; by 1978, it also included nine additional States and the District of Columbia. The divorce-registration area, starting with 16 States and the Virgin Islands in 1958, included a total of 28 States and the Virgin Islands by early 1978. Procedures for estimating the number of marriages and divorces in the registration States are discussed in *Vital Statistics of the United States*, vol. III—*Marriage and Divorce*. Data for nonregistration States are gathered mainly by collecting already summarized data on marriages and divorces reported by nonregistration State offices of vital statistics and by county offices of registration.

Another important source of data on marriage and divorce trends in the United States is the Current Population Survey conducted monthly by the Bureau of the Census. For further details, see text, p. 1.

**Vital statistics rates.**—Vital statistics rates computed by NCHS are based on decennial census population figures as of April 15, 1910; January 1, 1920; and April 1 for 1930, 1940, 1950, 1960, and 1970; and on midyear population figures for other years, as estimated by the Bureau of the Census (see text, p. 2).

**Race.**—Data by race for births, deaths, marriages, and divorces from NCHS are based on information contained in the certificates of registration. In NCHS's National Survey of Family Growth and the Census Bureau's Current Population Survey, race is determined by interviewer observation.

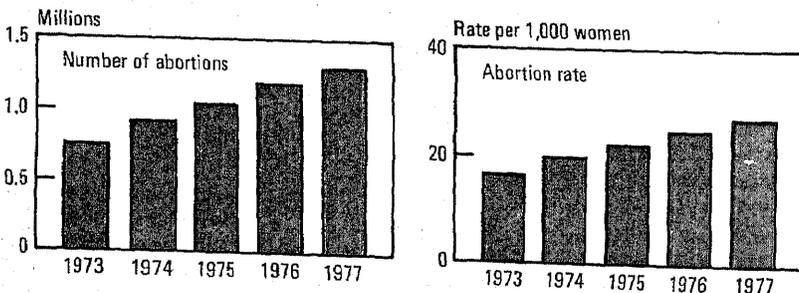
**Statistical reliability.**—For discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability applicable to Census Bureau and NCHS data, see Appendix III.

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

Figure 2.1

### Legal Abortions—Number and Rate per 1,000 Women 15-44 Years Old: 1973 to 1977

(See table 99)

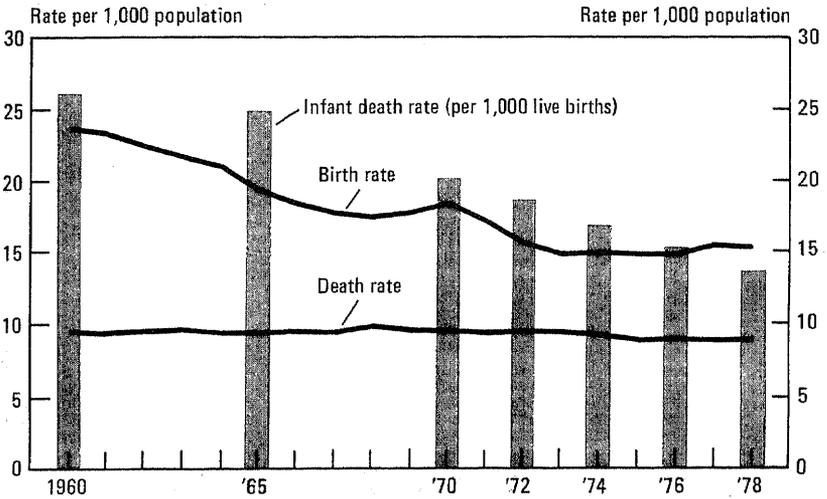


Source: Chart prepared by U.S. Bureau of the Census. See table 99 for sources.

Figure 2.2

**Birth and Death Rates: 1960 to 1978**

(See table 80)



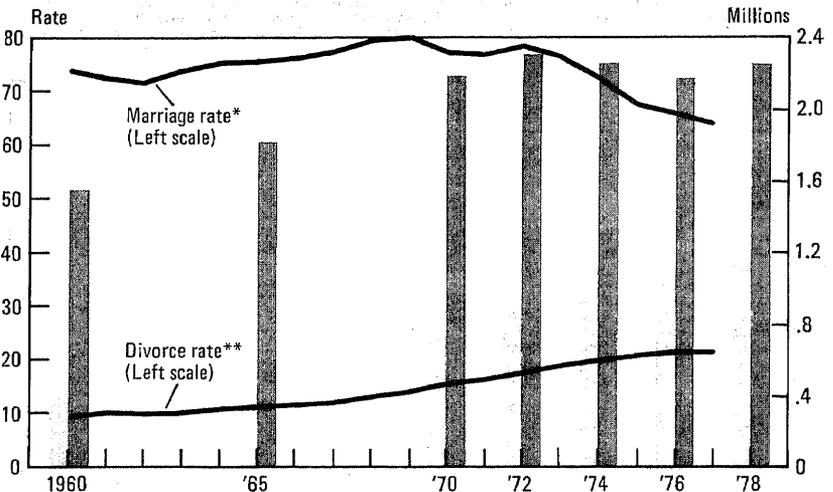
Source: Chart prepared by U.S. Bureau of the Census.  
Data from U.S. National Center for Health Statistics.

Figure 2.3

**Marriages and Divorces: 1960 to 1978**

(See table 117)

Divorces } Right scale  
Marriages }



\* Rate per 1,000 unmarried women, 15 years old and over.  
\*\* Rate per 1,000 married women, 15 years old and over.

Source: Chart prepared by U.S. Bureau of the Census.  
Data from U.S. National Center for Health Statistics.

### NO. 80. LIVE BIRTHS, DEATHS, MARRIAGES, AND DIVORCES: 1910 TO 1978

[Prior to 1960, excludes Alaska and Hawaii. Figures for deaths and death rates for 1910-1930 are for death-registration States only. Beginning 1970, excludes births to, and deaths of, nonresidents of the U.S. See Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series B 1-5, B 142, B 167, B 214, and B 216]

YEAR	NUMBER (1,000)				RATE PER 1,000 POPULATION					
	Births <sup>1</sup>	Deaths		Mar-riages <sup>3</sup>	Di-vores <sup>4</sup>	Births <sup>1</sup>	Deaths		Mar-riages <sup>3</sup>	Di-vores <sup>4</sup>
		Total	Infant <sup>2</sup>				Total	Infant <sup>2</sup>		
1910	2,777	697	(NA)	948	83	30.1	14.7	(NA)	10.3	.9
1915	2,965	816	78	1,008	104	29.5	13.2	99.9	10.0	1.0
1920	2,950	1,118	130	1,274	171	27.7	13.0	85.8	12.0	1.6
1925	2,909	1,192	135	1,188	175	25.1	11.7	71.7	10.3	1.5
1930	2,618	1,327	142	1,127	196	21.3	11.3	64.6	9.2	1.6
1935	2,377	1,393	120	1,327	218	18.7	10.9	55.7	10.4	1.7
1940	2,559	1,417	111	1,596	264	19.4	10.8	47.0	12.1	2.0
1945	2,858	1,402	105	1,613	485	20.4	10.6	38.3	12.2	3.5
1950	3,632	1,452	104	1,667	385	24.1	9.6	29.2	11.1	2.6
1955	4,097	1,529	107	1,531	377	25.0	9.3	26.4	9.3	2.3
1960	4,258	1,712	111	1,523	393	23.7	9.5	26.0	8.5	2.2
1962	4,187	1,757	105	1,577	413	22.4	9.5	25.3	8.5	2.2
1963	4,098	1,814	103	1,654	428	21.7	9.6	25.2	8.8	2.3
1964	4,027	1,798	100	1,725	450	21.0	9.4	24.8	9.0	2.4
1965	3,760	1,828	93	1,800	479	19.4	9.4	24.7	9.3	2.5
1966	3,606	1,863	86	1,857	409	18.4	9.5	23.7	9.5	2.5
1967	3,621	1,851	79	1,927	523	17.8	9.4	22.4	9.7	2.6
1968	3,502	1,930	76	2,060	584	17.5	9.7	21.8	10.4	2.9
1969	3,600	1,922	75	2,145	639	17.8	9.5	20.7	10.6	3.2
1970	3,731	1,921	75	2,169	708	18.4	9.5	20.0	10.6	3.5
1971	3,556	1,928	68	2,190	773	17.2	9.3	19.1	10.6	3.7
1972	3,258	1,964	60	2,282	845	15.6	9.4	18.5	11.0	4.1
1973	3,137	1,973	56	2,284	915	14.9	9.4	17.7	10.9	4.4
1974	3,160	1,934	53	2,230	977	14.9	9.2	16.7	10.5	4.6
1975	3,144	1,893	51	2,153	1,036	14.8	8.8	16.1	10.1	4.9
1976	3,168	1,909	48	2,155	1,083	14.8	8.9	15.2	10.0	5.0
1977	3,327	1,900	47	2,178	1,091	15.4	8.8	14.1	10.1	5.0
1978, prel	3,329	1,924	45	2,243	1,122	15.3	8.8	13.6	10.3	5.1

NA Not available. <sup>1</sup> Through 1955, adjusted for underregistration. <sup>2</sup> Infants under 1 year, excluding fetal deaths; rates per 1,000 registered live births. <sup>3</sup> Includes estimates for some States through 1969 and also for 1976, and marriage licenses for some States for all years except 1973 and 1975. <sup>4</sup> Includes reported annulments and some estimated State figures for all years.

### NO. 81. BIRTHS AND BIRTH RATES: 1950 TO 1977

Births in thousands and rates per 1,000 population, except as indicated. Prior to 1960, excludes Alaska and Hawaii. For 1950 and 1955, births adjusted for underregistration; thereafter, registered births. Beginning 1970, excludes births to nonresidents of U.S. See Appendix III. Minus sign (-) denotes decrease. For population bases used to derive these data, see text, p. 58. See also *Historical Statistics, Colonial Times to 1970*, series B 1, B 5-7, and B 20]

ITEM	1950	1955	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977
Live births	3,632	4,097	4,258	3,760	3,731	3,556	3,258	3,137	3,160	3,144	3,168	3,327
Average annual percent change from prior year shown <sup>1</sup>	3.6	2.4	.8	-2.5	-.2	-4.7	-6.6	-3.7	.7	-.5	.8	5.0
White	3,108	3,485	3,601	3,124	3,091	2,920	2,656	2,551	2,576	2,552	2,568	2,691
Black and other	524	613	657	636	640	636	603	586	584	592	600	636
Percent of total	14.4	14.0	15.4	16.9	17.2	17.9	18.5	18.7	18.5	18.8	18.9	19.1
Male	1,863	2,099	2,180	1,927	1,915	1,823	1,670	1,608	1,622	1,613	1,624	1,706
Female	1,768	1,998	2,078	1,833	1,816	1,733	1,588	1,529	1,538	1,531	1,543	1,621
Males per 100 females	105.4	105.1	104.9	105.1	105.5	105.2	105.1	105.2	105.5	105.4	105.3	105.3
Birth rate	24.1	25.0	23.7	19.4	18.4	17.2	15.6	14.9	14.9	14.8	14.8	15.4
White	23.0	23.8	22.7	18.3	17.4	16.2	14.6	13.9	14.0	13.8	13.8	14.4
Black and other	33.3	34.5	32.1	27.6	25.1	24.7	22.9	21.9	21.4	21.2	21.1	21.9
Male	24.9	25.8	24.7	20.3	19.4	18.1	16.5	15.7	15.8	15.6	15.5	16.2
Female	23.3	23.9	22.8	18.6	17.4	16.4	14.9	14.2	14.2	14.0	14.0	14.6
Fertility rate <sup>2</sup>	106.2	118.3	118.0	96.6	87.9	81.8	73.4	68.4	68.4	66.7	65.8	67.8
Plural birth rate <sup>3</sup>	20.9	21.1	20.4	20.1	(NA)	18.1	18.4	18.4	18.6	19.2	19.5	19.2

NA Not available. <sup>1</sup> For explanation, see Guide to Tabular Presentation. For 1950, change from 1940. <sup>2</sup> Births per 1,000 women, 15-44 years old. <sup>3</sup> Per 1,000 live births.

Source of tables 80 and 81: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

**NO. 82. TOTAL FERTILITY RATE AND INTRINSIC RATE OF NATURAL INCREASE, BY RACE: 1940 TO 1977**

[Excludes Alaska prior to 1959 and Hawaii prior to 1960. Prior to 1960, based on births adjusted for underregistration; thereafter, registered births only. Beginning 1970, excludes births to nonresidents of United States. The total fertility rate is the number of births that 1,000 women would have in their lifetime if, at each year of age, they experienced the birth rates occurring in the specified year. A total fertility rate of 2,110 represents "replacement level" fertility for the total population under current mortality conditions (assuming no net immigration). The intrinsic rate of natural increase is the rate that would eventually prevail if a population were to experience, at each year of age, the birth rates and death rates occurring in the specified year and if these rates remained unchanged over a long period of time. Minus sign (-) denotes decrease. See also *Historical Statistics, Colonial Times to 1970*, series B 11]

ANNUAL AVERAGE AND YEAR	TOTAL FERTILITY RATE			INTRINSIC RATE OF NATURAL INCREASE			YEAR	TOTAL FERTILITY RATE			INTRINSIC RATE OF NATURAL INCREASE		
	Total	White	Black and other	Total	White	Black and other		Total	White	Black and other	Total	White	Black and other
1940-1944	2,523	2,460	3,010	4.6	3.9	9.8	1968	2,464	2,366	3,108	5.9	4.2	16.0
1945-1949	2,985	2,916	3,485	11.7	10.9	17.2	1969	2,456	2,360	3,061	5.7	4.1	15.4
1950-1954	3,337	3,221	4,185	16.8	15.4	25.7	1970	2,480	2,385	3,067	6.0	4.5	14.4
1955-1959	3,690	3,549	4,716	21.1	19.5	30.7	1971	2,275	2,168	2,933	2.8	1.0	12.8
1960-1964	3,449	3,326	4,326	18.6	17.1	27.7	1972	2,022	1,918	2,651	-1.7	-3.7	8.9
1965-1969	2,622	2,512	3,362	8.2	6.4	18.6	1973	1,896	1,798	2,474	-4.2	-6.1	6.1
1970-1974	2,106	2,007	2,700	-4	-2.2	9.4	1974	1,857	1,768	2,377	-5.0	-6.8	4.6
1975-1977	1,798	1,707	2,314	-6.1	-8.0	3.7	1975	1,799	1,708	2,322	-6.1	-8.1	3.7
1965	2,913	2,783	3,808	12.1	10.3	23.1	1976	1,768	1,679	2,276	-6.7	-8.6	3.0
1967	2,558	2,447	3,299	7.4	5.6	18.2	1977	1,826	1,735	2,343	-5.4	-7.4	4.3

**NO. 83. LIVE BIRTH RATES, BY RACE AND AGE OF MOTHER: 1950 TO 1977**

[Births per 1,000 women in each specified group. See headnote, table 81. See also *Historical Statistics, Colonial Times to 1970*, series B 8-10 and B 12-19]

YEAR	WOMEN, 15-44 YEARS <sup>1</sup>			AGE OF MOTHER							
	Total	White	Black and other	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35-39 years	40-44 years	45-49 years <sup>2</sup>
1950	106.2	102.3	137.3	1.0	81.6	196.6	166.1	103.7	52.9	15.1	1.2
1955	118.5	113.8	155.3	.9	90.5	242.0	190.5	116.2	58.7	16.1	1.0
1960	118.0	113.2	153.6	.8	89.1	258.1	197.4	112.7	56.2	15.5	.9
1965	96.3	91.3	131.9	.8	70.5	195.3	161.6	94.4	46.2	12.8	.8
1970	87.9	84.1	113.0	1.2	68.3	167.8	146.1	73.3	31.7	8.1	.5
1971	81.8	77.5	109.5	1.1	64.7	150.6	134.8	67.6	28.7	7.1	.4
1972	73.4	69.2	100.3	1.2	62.0	131.0	118.7	60.2	24.8	6.2	.4
1973	69.2	65.3	94.3	1.3	59.7	120.7	113.6	56.1	22.0	5.4	.3
1974	68.4	64.7	91.0	1.2	58.1	119.0	113.3	54.4	20.2	4.8	.3
1975	66.7	63.0	89.3	1.3	56.3	114.7	110.3	53.1	19.4	4.6	.3
1976	65.8	62.2	87.6	1.2	53.5	112.1	108.8	54.5	19.0	4.3	.2
1977	67.8	64.0	89.9	1.2	53.7	115.2	114.2	57.5	19.2	4.2	.2

<sup>1</sup> Rates computed by relating total births, regardless of age of mother, to women aged 15-44 years.

<sup>2</sup> Through 1960, rates computed by relating births to mothers aged 45 years and over to women aged 45-49 years.

<sup>3</sup> Provisional live birth rate for 1978 was 66.4; data by race and age not available.

**NO. 84. BIRTH RATES, BY LIVE-BIRTH ORDER, BY RACE: 1950 TO 1977**

[Births per 1,000 women 15-44 years old. 1950 excludes Alaska and Hawaii. Live-birth order refers to number of children born alive. Figures for births of order not stated are distributed. See also headnote, table 81, and *Historical Statistics, Colonial Times to 1970*, series B 20-27]

LIVE-BIRTH ORDER	1950		1960		1965		1970		1975		1977	
	White	Black and other	White	Black and other	White	Black and other	White	Black and other	White	Black and other	White	Black and other
<b>Total</b>	<b>102.3</b>	<b>137.3</b>	<b>113.2</b>	<b>153.6</b>	<b>91.3</b>	<b>131.9</b>	<b>84.1</b>	<b>113.0</b>	<b>63.0</b>	<b>89.3</b>	<b>64.0</b>	<b>89.9</b>
First birth	33.3	33.8	30.8	33.6	28.9	35.3	32.9	42.4	26.9	37.3	27.3	36.4
Second birth	32.3	30.3	29.2	29.3	22.9	26.2	23.7	26.9	20.5	25.1	21.1	26.4
Third birth	17.9	22.9	22.7	24.0	16.2	19.3	13.3	15.9	8.9	12.8	9.5	13.9
Fourth birth	8.4	15.3	14.1	18.6	10.1	14.4	6.8	9.7	3.6	6.2	3.5	6.4
Fifth birth	4.1	10.4	7.5	14.1	5.8	10.7	3.4	6.1	1.5	3.2	1.4	3.1
Sixth and seventh	3.7	12.6	6.1	18.4	5.0	13.6	2.7	6.7	1.1	2.8	.9	2.4
Eighth and over	2.5	12.0	2.8	15.6	2.4	12.4	1.2	5.3	.5	1.8	.4	1.4

## NO. 85. LIVE BIRTHS—NUMBER AND RATE, BY STATES: 1960 TO 1977

[Registered births by place of residence. Beginning 1970, excludes births to nonresidents of the U.S.]

STATE	NUMBER (1,000)							RATE PER 1,000 POPULATION <sup>1</sup>						
	1960	1965	1970	1974	1975	1976	1977	1960	1965	1970	1974	1975	1976	1977
U.S.---	4,258	3,760	3,731	3,160	3,144	3,168	3,327	23.7	19.4	18.4	14.9	14.8	14.8	15.4
N.E.---	237	213	200	152	148	145	152	22.5	19.1	16.9	12.5	12.1	11.9	12.4
Maine.....	23	20	18	15	15	15	16	24.0	19.9	17.9	14.4	14.4	14.0	14.9
N.H.....	15	13	13	12	11	11	12	22.8	19.5	17.9	14.4	13.5	13.6	14.2
Vt.....	9	8	8	7	7	7	7	24.1	20.5	18.8	14.7	14.3	14.2	14.5
Mass.....	115	101	95	70	68	66	68	22.4	18.8	16.6	12.1	11.7	11.4	11.8
R.I.....	17	17	16	11	11	11	11	21.4	19.4	16.5	12.2	11.6	11.7	12.4
Conn.....	58	54	50	37	36	36	37	22.4	19.2	16.7	11.9	11.6	11.4	11.8
M.A.---	733	665	630	486	477	475	488	21.5	18.3	16.9	13.0	12.8	12.7	13.2
N.Y.....	359	336	318	240	236	236	240	21.4	18.6	17.4	13.2	13.0	13.0	13.4
N.J.....	132	125	120	95	92	91	94	21.8	18.5	16.8	13.0	12.6	12.4	12.8
Pa.....	241	205	193	151	149	148	154	21.3	17.8	16.3	12.8	12.6	12.5	13.0
E.N.C.---	877	751	754	616	610	603	631	24.2	19.7	18.7	15.1	14.9	14.7	15.4
Ohio.....	231	195	200	161	159	155	162	23.8	19.1	18.7	15.0	14.8	14.5	15.1
Ind.....	113	98	99	83	82	81	85	24.2	20.0	19.1	15.6	15.5	15.2	16.0
Ill.....	239	208	205	169	169	170	177	23.7	19.6	18.5	15.2	15.2	15.2	15.8
Mich.....	195	167	172	138	134	131	138	25.0	20.1	19.4	15.1	14.6	14.4	15.2
Wis.....	100	83	78	65	65	65	69	25.2	20.0	17.6	14.3	14.1	14.1	14.8
W.N.C.---	369	297	284	243	246	249	264	24.0	18.7	17.4	14.6	14.7	14.8	15.6
Minn.....	88	71	68	56	56	57	60	25.7	19.9	18.0	14.2	14.4	14.3	15.2
Iowa.....	64	51	48	40	41	42	45	23.3	18.5	17.1	14.1	14.4	14.5	15.6
Mo.....	98	81	81	70	69	69	73	22.7	18.1	17.3	14.6	14.4	14.4	15.2
N.Dak.....	17	13	11	10	11	11	11	26.3	20.2	17.6	15.7	16.7	16.6	17.5
S.Dak.....	18	14	12	11	11	12	12	25.9	19.7	17.0	16.4	16.5	17.0	17.5
Nebr.....	34	28	26	24	24	24	25	24.3	18.8	17.3	15.4	15.3	15.3	16.1
Kans.....	51	39	38	33	34	35	37	23.3	17.6	17.0	14.5	15.0	15.3	15.9
S.A.---	629	575	574	497	482	481	509	24.2	20.0	18.7	15.0	14.3	14.2	14.8
Del.....	12	11	11	8	8	8	9	25.9	21.2	19.2	14.4	14.2	13.9	14.8
Md.....	77	74	69	53	53	53	56	24.9	21.0	17.6	13.1	12.9	12.7	13.5
D.C.....	20	18	15	10	10	10	10	26.0	22.5	20.1	13.9	13.6	13.8	14.6
Va.....	96	89	86	71	70	70	74	24.1	20.0	18.6	14.5	14.1	13.9	14.5
W.Va.....	39	32	31	28	28	29	30	21.2	17.7	17.8	15.6	15.6	15.7	16.2
N.C.....	110	98	98	84	81	81	85	24.1	19.9	19.3	15.7	14.8	14.7	16.3
S.C.....	60	53	52	49	47	48	50	25.1	20.8	20.1	17.4	16.6	16.8	17.4
Ga.....	100	94	97	83	80	79	85	25.3	21.7	21.1	17.1	16.2	15.9	16.8
Fla.....	116	107	115	110	106	105	111	23.3	18.4	16.9	13.6	12.7	12.4	13.1
E.S.C.---	294	258	248	221	219	219	233	24.4	20.1	19.4	16.5	16.2	16.0	16.8
Ky.....	72	62	60	53	55	55	59	23.8	19.4	18.7	15.9	16.1	16.1	17.0
Tenn.....	82	73	72	64	62	63	67	23.0	19.0	18.4	15.6	14.9	14.9	15.5
Ala.....	81	71	67	59	58	58	62	24.7	20.4	19.4	16.6	16.1	15.8	16.8
Miss.....	59	52	49	44	44	43	45	27.2	22.5	22.1	19.0	18.7	18.2	19.0
W.S.C.---	431	375	366	354	361	366	385	25.4	20.2	20.0	17.2	17.3	17.3	17.8
Ark.....	41	37	35	35	34	34	36	22.7	18.7	18.5	16.8	16.3	16.2	16.7
La.....	90	80	74	66	68	70	75	27.7	22.5	20.4	17.5	17.9	18.2	19.1
Okla.....	51	43	45	42	43	44	45	21.9	17.3	17.5	15.7	15.7	15.8	16.2
Tex. <sup>2</sup> .....	249	216	231	211	216	219	229	26.0	20.4	20.6	17.5	17.6	17.5	17.9
Mt.---	187	160	172	174	177	185	197	27.3	20.6	20.7	18.4	18.3	18.8	19.6
Mont.....	17	14	13	12	12	13	13	25.9	19.3	18.2	16.7	16.1	16.7	17.5
Idaho.....	17	13	14	16	16	17	19	25.7	19.3	20.3	19.5	19.8	20.9	22.0
Wyo.....	9	7	7	7	7	7	8	25.8	19.3	19.6	18.2	18.6	18.9	20.4
Colo.....	43	37	42	39	40	41	43	24.5	18.7	18.8	15.6	15.9	15.9	16.4
N.Mex.....	31	24	22	21	21	22	23	32.3	23.6	21.8	19.0	18.3	18.9	19.4
Ariz.....	37	34	38	40	40	40	42	28.2	21.1	21.3	18.5	17.8	17.6	18.2
Utah.....	26	22	27	30	32	35	38	29.5	22.5	25.5	25.3	28.7	29.9	
Nev.....	7	9	10	9	9	10	10	25.5	21.5	19.6	15.6	15.3	15.8	16.1
Pac.---	501	465	483	417	425	444	468	23.6	19.0	18.2	15.0	15.0	15.5	16.0
Wash.....	65	53	61	50	51	53	57	22.9	17.7	17.8	14.4	14.3	14.7	15.6
Oreg.....	38	33	35	33	33	35	38	21.7	17.4	16.8	14.4	14.6	15.0	15.8
Calif.....	372	356	363	312	317	332	348	23.7	19.1	18.2	14.9	15.0	15.4	15.9
Alaska.....	8	7	8	7	7	8	8	33.4	27.9	25.1	20.9	21.2	20.8	20.6
Hawaii.....	17	16	16	16	16	16	17	27.2	23.0	21.4	18.3	18.2	18.5	18.9

<sup>1</sup> Based on population (excluding Armed Forces abroad) enumerated as of Apr. 1 for 1960 and 1970, and estimated as of July 1 for other years.<sup>2</sup> Exclusion of births to nonresidents beginning 1970 affects comparability with data for earlier years.Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and *Monthly Vital Statistics Report*.

NO. 86. LIVE BIRTHS, BY RACE—STATES: 1970 TO 1977

[In thousands. Registered births by place of residence. Excludes births to nonresidents of the U.S.]

STATE	1970		1975		1977		STATE	1970		1975		1977	
	White	Black and other	White	Black and other	White	Black and other		White	Black and other	White	Black and other	White	Black and other
U.S.-----	3,091	640	2,552	592	2,691	636	S.A.—						
N.E.-----	188	12	137	11	140	11	Con.						
Maine-----	18	(2)	15	(2)	16	(2)	W.Va.---	30	1	27	1	29	1
N.H.-----	13	(2)	11	(2)	12	(2)	N.C.---	70	29	55	26	58	27
Vt.-----	8	(2)	7	(2)	7	(2)	S.C.---	33	19	28	19	30	20
Mass-----	90	5	63	5	63	5	Ga.---	66	30	52	28	54	31
R.I.-----	15	1	10	1	11	1	Fla.---	87	28	78	28	80	30
Conn.-----	46	6	31	4	32	5	E.S.C.---	182	66	159	60	169	64
M.A.-----	523	108	386	91	392	96	Ky.---	55	5	50	5	53	5
N.Y.-----	257	61	184	52	185	55	Tenn.---	57	15	49	14	52	15
N.J.-----	98	22	73	18	75	19	Ala.---	45	22	38	20	40	22
Pa.-----	168	25	129	20	132	21	Miss.---	26	23	23	21	23	22
E.N.C.-----	645	109	510	99	529	102	W.S.C.---	306	80	283	78	302	84
Ohio-----	175	25	137	22	139	22	Ark.---	26	9	25	9	27	9
Ind.-----	90	9	73	9	76	10	La.---	46	28	41	27	45	30
Ill.-----	163	43	130	39	137	40	Okla.---	38	7	35	8	37	8
Mich.-----	144	28	110	24	114	25	Tex.---	195	36	182	34	193	36
Wis.-----	73	4	60	5	64	5	Mt.---	157	15	160	17	178	18
W.N.C.-----	262	22	224	21	241	23	Mont.---	11	1	11	1	12	1
Minn.-----	67	2	54	2	57	3	Idaho---	14	(2)	16	(2)	18	(2)
Iowa-----	47	1	40	1	44	1	Wyo.---	6	(2)	7	(2)	8	(2)
Mo.-----	68	13	57	11	61	12	Colo.---	39	2	38	3	40	3
N. Dak.---	10	1	10	1	11	1	N. Mex.---	19	3	18	3	19	4
S. Dak.---	10	1	10	2	10	2	Ariz.---	32	5	33	6	35	7
Nebr.-----	24	1	22	1	24	2	Utah.---	26	1	31	1	37	1
Kans.-----	35	3	31	3	33	4	Nev.---	8	1	8	1	9	2
S.A.-----	416	159	338	145	353	156	Pac.---	413	69	354	70	386	81
Del.-----	8	2	6	2	7	2	Wash.---	56	5	46	5	52	6
Md.-----	52	17	38	15	39	17	Oreg.---	33	2	32	2	35	2
D.C.-----	2	13	1	8	2	8	Calif.---	313	50	267	50	289	59
Va.-----	67	19	53	17	55	19	Alaska---	6	2	5	2	6	2
							Hawaii---	5	12	4	11	4	13

Z Fewer than 500.

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

NO. 87. LIVE BIRTHS, BY ATTENDANT AND PLACE OF DELIVERY, AND MEDIAN AND LOW BIRTH WEIGHT, BY RACE: 1950 TO 1977

[Represents registered births. Prior to 1960, excludes Alaska and Hawaii. Beginning 1970, excludes births to nonresidents of the U.S. For total number of births, see table 81]

YEAR	BIRTHS ATTENDED (1,000)			MEDIAN BIRTH WEIGHT			PERCENT OF BIRTHS WITH LOW BIRTH WEIGHT <sup>3</sup>		
	By physician		By mid-wife or other <sup>2</sup>	Total	White	Black and other	Total	White	Black and other
	In hos-pital <sup>1</sup>	Not in hos-pital							
1950-----	3,126	252	177	7 lb.-5 oz.	7 lb.-5 oz.	7 lb.-3 oz.	7.6	7.2	10.4
1955-----	3,819	101	128	7 lb.-5 oz.	7 lb.-5 oz.	7 lb.-1 oz.	7.7	6.9	11.8
1960-----	4,114	49	94	7 lb.-5 oz.	7 lb.-6 oz.	6 lb.-15 oz.	7.7	6.8	12.8
1965-----	3,661	33	66	7 lb.-4 oz.	7 lb.-5 oz.	6 lb.-14 oz.	8.3	7.2	13.8
1970-----	3,708	5	18	7 lb.-4 oz.	7 lb.-5 oz.	6 lb.-14 oz.	7.9	6.8	13.3
1972-----	3,234	7	18	7 lb.-5 oz.	7 lb.-6 oz.	6 lb.-15 oz.	7.7	6.5	12.9
1973-----	3,115	7	16	7 lb.-5 oz.	7 lb.-6 oz.	6 lb.-15 oz.	7.6	6.4	12.5
1974-----	3,134	11	16	7 lb.-5 oz.	7 lb.-7 oz.	6 lb.-15 oz.	7.4	6.3	12.4
1975-----	3,105	11	28	7 lb.-5 oz.	7 lb.-7 oz.	6 lb.-15 oz.	7.4	6.3	12.2
1976-----	3,124	12	32	7 lb.-6 oz.	7 lb.-7 oz.	7 lb.-0 oz.	7.3	6.1	12.1
1977-----	3,278	13	36	7 lb.-6 oz.	7 lb.-8 oz.	7 lb.-0 oz.	7.1	5.9	11.9

<sup>1</sup> Includes all births in hospitals or institutions and in clinics.   <sup>2</sup> Includes births with attendant not specified.  
<sup>3</sup> Births of 2,500 grams (5 lb.-8 oz.) or less at birth.

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

**No. 88. PLURAL BIRTH RATIOS, BY RACE AND AGE OF MOTHER: 1965 TO 1977**

[Ratios are all plural live births per 1,000 total live births in specified groups. Beginning 1971, excludes births to nonresidents of the U.S.]

AGE OF MOTHER	1965			1971			1975			1977		
	Total	White	Black and other									
<b>Total</b> .....	<b>20.1</b>	<b>19.0</b>	<b>25.8</b>	<b>18.1</b>	<b>17.3</b>	<b>21.9</b>	<b>19.2</b>	<b>18.5</b>	<b>22.1</b>	<b>19.2</b>	<b>18.5</b>	<b>22.4</b>
Under 15 yr.....	10.8	12.3	10.1	10.4	8.7	11.3	10.6	9.9	11.1	9.9	7.7	11.4
15-19 yr.....	12.6	11.7	15.1	11.7	10.8	14.0	12.8	11.8	15.4	13.1	12.1	15.5
20-24 yr.....	17.3	16.4	22.6	16.5	15.4	22.1	17.9	16.8	23.0	17.6	16.5	22.2
25-29 yr.....	21.9	20.3	31.3	20.3	19.3	27.1	21.4	20.7	25.5	21.2	20.3	26.7
30-34 yr.....	27.0	25.1	36.9	24.1	23.2	29.1	25.0	24.1	30.1	24.5	23.7	29.1
35-39 yr.....	29.5	27.6	38.8	27.6	26.4	32.8	26.3	25.5	29.4	26.5	25.8	29.2
40-44 yr.....	23.3	22.4	27.9	22.6	21.6	26.2	23.7	22.9	26.7	25.0	24.6	26.4
45-49 yr.....	16.9	17.2	15.7	18.1	14.7	29.1	8.6	8.1	10.2	17.8	14.1	28.7

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

**No. 89. LIFETIME BIRTHS EXPECTED PER 1,000 WIVES: 1967 TO 1978**

[Refers to currently married women in the civilian noninstitutional population]

YEAR AND MONTH	BIRTHS TO ALL WIVES AGED—				BIRTHS TO WHITE WIVES AGED—				BIRTHS TO BLACK WIVES AGED—			
	18-24	25-29	30-34	35-39	18-24	25-29	30-34	35-39	18-24	25-29	30-34	35-39
1967 (Feb.-Mar.)...	2,852	3,087	3,288	3,300	2,859	3,001	3,200	3,215	2,762	3,407	4,257	4,226
1971 (June).....	2,375	2,619	2,989	3,257	2,353	2,577	2,936	3,189	2,623	3,112	3,714	4,223
1975 (June).....	2,173	2,260	2,610	3,058	2,147	2,233	2,564	2,989	2,489	2,587	3,212	3,962
1976 (June).....	2,141	2,202	2,536	2,894	2,127	2,176	2,514	2,949	2,303	2,508	2,923	3,579
1977 (June).....	2,137	2,197	2,465	2,943	2,140	2,183	2,424	2,876	2,082	2,304	2,990	3,867
1978 (June).....	2,166	2,215	2,424	(NA)	2,139	2,188	2,395	(NA)	2,461	2,604	2,789	(NA)

NA Not available.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 325, earlier issues, and forthcoming report.

**No. 90. BIRTHS EXPECTED BY WIVES, BY RACE—PERCENT DISTRIBUTION: 1967 TO 1978**

[As of June, except 1967 as of Feb.-Mar. Refers to currently married women 18-39 years old in the civilian noninstitutional population except, beginning 1978, covers those 18-34 years old only]

YEAR AND AGE OF WIVES	WHITE BIRTHS					BLACK BIRTHS				
	None	One	Two	Three	Four or more	None	One	Two	Three	Four or more
1967: 18-24 yr..	1.3	5.7	37.5	29.6	25.9	.9	9.7	33.1	32.0	24.3
25-29 yr..	2.1	4.8	30.0	34.3	28.9	2.4	9.1	22.1	27.7	38.7
30-34 yr..	3.4	5.9	25.9	27.1	37.8	6.1	5.4	18.6	14.9	55.0
35-39 yr..	4.9	7.3	25.8	26.6	35.3	6.9	13.1	14.7	15.3	50.0
1971: 18-24 yr..	4.0	8.0	52.5	24.1	11.5	3.6	10.7	40.8	20.4	24.5
25-29 yr..	3.3	6.8	45.1	27.8	16.9	2.1	6.7	31.0	25.8	34.3
30-34 yr..	4.7	6.7	29.7	29.1	29.9	4.4	5.8	18.9	22.5	48.4
35-39 yr..	4.7	7.5	24.7	26.1	36.9	6.6	11.1	14.4	15.5	52.4
1975: 18-24 yr..	4.4	11.2	58.8	19.3	6.3	1.1	9.4	52.0	22.4	15.1
25-29 yr..	4.9	11.5	51.5	23.1	8.9	4.3	12.2	37.2	27.0	19.3
30-34 yr..	5.5	9.6	38.8	27.7	18.4	3.8	10.3	30.6	16.8	38.5
35-39 yr..	4.1	9.1	27.1	28.4	31.4	5.6	10.0	14.4	20.4	49.6
1977: 18-24 yr..	5.3	12.3	56.4	18.5	7.5	5.1	16.7	50.1	22.7	5.4
25-29 yr..	6.6	11.2	51.0	22.7	8.5	3.5	17.3	43.4	22.8	13.0
30-34 yr..	6.1	10.7	43.4	24.3	15.4	4.5	10.7	27.5	27.5	29.8
35-39 yr..	5.3	8.9	30.2	27.2	28.4	4.6	9.6	18.0	17.0	50.7
1978: 18-24 yr..	5.5	12.2	55.8	18.9	7.6	4.2	15.4	38.0	27.1	15.3
25-29 yr..	5.9	11.6	51.8	22.2	8.4	4.3	13.3	37.6	21.7	23.2
30-34 yr..	5.4	11.4	43.9	25.1	14.1	5.1	10.8	33.2	27.8	22.9

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 325, earlier issues, and forthcoming report.

**NO. 91. CHILDLESS WOMEN AND CHILDREN BORN, BY AGE OF WOMEN: 1950 TO 1978**

[Prior to 1960, excludes Alaska and Hawaii. 1950, 1960, and 1970 based on sample of decennial census, see source; all other years based on Current Population Survey, see text, p. 1. See also *Historical Statistics, Colonial Times to 1970*, series B 49-66]

AGE	1950 (Apr.)	1954 (Apr.)	1960 (Apr.)	1965 (June)	1970 (Apr.)	1975 (June)	1977 (June)	1978 (June)			
								Total	White	Black	Spanish origin <sup>1</sup>
<b>PERCENT CHILDLESS AMONG WOMEN EVER MARRIED</b>											
15-44 yr.-----	22.8	18.1	15.0	14.2	16.4	18.0	19.2	18.9	19.7	11.3	14.8
15-19 yr.-----	52.8	47.0	43.6	48.0	50.9	50.6	50.4	54.2	55.0	(B)	35.6
20-24 yr.-----	33.3	24.3	24.2	28.0	35.7	42.3	42.8	40.9	43.0	18.4	20.6
25-29 yr.-----	21.1	16.9	12.6	11.7	15.8	21.1	24.4	25.2	26.3	13.3	16.6
30-34 yr.-----	17.3	13.4	10.4	7.2	8.3	8.8	11.2	11.6	11.8	10.3	8.7
35-39 yr.-----	19.1	15.9	11.1	8.7	7.3	5.3	6.7	7.0	7.0	6.5	5.1
40-44 yr.-----	20.0	17.8	14.1	11.0	8.6	7.0	7.3	6.1	6.2	6.2	5.2
45-49 yr.-----	20.4	19.0	18.1	13.9	10.6	7.3	7.5	7.2	6.7	10.6	5.6
50-59 yr.-----	18.1	(NA)	20.7	19.3	15.6	11.5	(NA)	9.8	9.1	17.0	7.9
<b>CHILDREN EVER BORN PER 1,000 WOMEN EVER MARRIED</b>											
15-44 yr.-----	1,859	2,037	2,314	2,477	2,360	2,140	2,061	2,040	1,952	2,805	2,271
15-19 yr.-----	604	607	792	685	636	601	603	548	537	(B)	743
20-24 yr.-----	1,082	1,337	1,441	1,328	1,071	886	867	908	857	1,445	1,178
25-29 yr.-----	1,654	1,930	2,241	2,360	1,984	1,580	1,460	1,443	1,990	1,969	1,747
30-34 yr.-----	2,059	2,247	2,627	2,950	2,806	2,387	2,207	2,135	2,078	2,629	2,771
35-39 yr.-----	2,247	2,334	2,686	3,016	3,170	2,994	2,855	2,788	2,681	3,080	3,224
40-44 yr.-----	2,364	2,335	2,564	2,856	3,007	3,282	3,206	3,212	3,062	4,280	3,302
45-49 yr.-----	2,492	2,436	2,402	2,603	2,854	3,153	3,256	3,230	3,134	4,098	3,791
50-59 yr.-----	2,822	(NA)	2,420	2,350	2,520	2,769	(NA)	2,944	2,860	3,654	3,670

B Base less than 75,000. NA Not available. <sup>1</sup> Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *U.S. Census of Population: 1950*, Special Report, *Fertility*, part 5; *U.S. Census of Population: 1960 and 1970*, vol. I, *Characteristics of the Population*, part I, *U.S. Summary*; *Current Population Reports*, series P-20, No. 325, earlier issues, and forthcoming report.

**NO. 92. FIRST BIRTHS TO WOMEN AT STATED INTERVALS FROM FIRST MARRIAGE, BY RACE: 1930 TO 1974**

[As of June. Data limited to women born since 1900. Based on Current Population Survey; see text, p. 1]

RACE AND PERIOD OF FIRST MARRIAGE	Number of women (1,000)	CUMULATIVE PERCENT WITH FIRST CHILD BORN—			RACE AND PERIOD OF FIRST MARRIAGE	Number of women (1,000)	CUMULATIVE PERCENT WITH FIRST CHILD BORN—				
		Before first marriage	After first marriage—				Before first marriage	After first marriage—			
			7 mos.	12 mos.				24 mos.	7 mos.	12 mos.	24 mos.
<b>All women:</b>											
First married—											
1930-1934-----	3,639	5.1	11.4	27.3	48.4						
1935-1939-----	4,870	4.0	10.1	26.8	49.3						
1940-1944-----	5,711	4.7	10.1	25.7	50.2						
1945-1949-----	6,653	5.6	11.8	32.9	57.5						
1950-1954-----	6,031	6.5	14.5	35.0	60.6						
1955-1959-----	6,062	7.6	18.7	42.0	68.2						
1960-1964-----	6,268	8.2	21.6	43.8	67.3						
1965-1969-----	7,337	8.3	22.9	39.6	57.2						
1970-1974-----	7,845	9.5	22.1	32.9	48.4						
<b>White women:</b>											
First married—											
1930-1934-----	3,282	3.9	9.5	25.8	47.7						
1935-1939-----	4,393	2.7	8.2	25.0	48.1						
1940-1944-----	5,180	2.9	7.6	23.6	49.5						
1945-1949-----	5,968	3.4	8.8	30.8	56.9						
1950-1954-----	5,337	4.2	11.5	33.1	59.8						
<b>Black women:</b>											
First married—											
1930-1934-----						750	17.9	30.4	43.7	57.4	
1935-1939-----											
1940-1944-----						1,104	25.2	38.5	50.4	60.5	
1945-1949-----											
1950-1954-----						1,308	28.8	44.1	56.0	71.3	
1955-1959-----											
1960-1964-----						645	34.1	54.8	67.2	79.1	
1965-1969-----						754	35.1	50.0	62.1	75.0	
1970-1974-----						768	37.5	52.5	62.0	75.5	

<sup>1</sup> Data adjusted for the part of the cohort that had not completed the stated interval since first marriage.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 315.

## NO. 93. BIRTHS TO UNMARRIED WOMEN, BY RACE AND AGE OF MOTHER: 1950 TO 1977

[Prior to 1960, excludes Alaska and Hawaii. Beginning 1970, excludes births to nonresidents of U.S. Includes estimates for States in which marital status data were not reported. No estimates included for misstatements on birth records or failures to register births. See also *Historical Statistics, Colonial Times to 1970*, series B 28-35]

RACE AND AGE	1950	1955	1960	1965	1970	1972	1973	1974	1975	1976	1977
Total live births.....1,000..	141.6	183.3	224.3	291.2	398.7	403.2	407.3	418.1	447.9	468.1	515.7
Percent of all births <sup>1</sup> .....	4.0	4.5	5.3	7.7	10.7	12.4	13.0	13.2	14.2	14.8	15.6
Rate <sup>2</sup> .....	14.1	19.3	21.6	23.5	26.4	24.9	24.5	24.1	24.8	24.7	26.0
White.....	6.1	7.9	9.2	11.6	13.8	12.0	11.9	11.8	12.6	12.7	13.7
Black and other.....	71.2	87.2	98.3	97.6	89.9	86.9	84.2	81.5	80.4	78.1	79.4
Births, by race of mother:											
White.....1,000..	53.5	64.2	82.5	123.7	175.1	160.5	163.0	168.5	186.4	197.1	220.1
Black and other.....1,000..	88.1	119.2	141.8	167.5	223.6	242.7	244.3	249.6	261.6	271.0	295.5
Percent of total.....	62.2	65.0	63.2	57.5	56.1	60.2	60.0	59.7	58.4	57.9	57.3
Births, by age of mother:											
Under 15 years.....1,000..	3.2	3.9	4.6	6.1	9.5	9.9	10.9	10.6	11.0	10.3	10.1
15-19 years.....1,000..	56.0	68.9	87.1	123.1	190.4	202.3	204.9	210.8	222.5	225.0	234.7
20-24 years.....1,000..	43.1	55.7	68.0	90.7	126.7	119.6	119.1	122.7	134.0	145.4	168.6
25-29 years.....1,000..	20.9	28.0	32.1	36.8	40.6	41.2	43.1	44.9	50.2	55.4	62.4
30-34 years.....1,000..	10.8	16.1	18.9	19.6	19.1	19.0	18.5	18.6	19.8	21.0	23.7
35 yr. and over.....1,000..	7.7	10.7	13.6	15.1	12.4	11.8	10.8	10.5	10.4	10.9	11.1
19 yr. and under...percent..	41.8	39.7	40.0	44.4	50.1	52.6	53.0	53.0	52.1	50.3	48.4

<sup>1</sup> For total birth figures used as base for percents, see table 80.

<sup>2</sup> Rate per 1,000 unmarried (never-married, widowed, and divorced) women aged 15-44 years enumerated as of April 1 for 1950, 1960, and 1970, and estimated as of July 1 for all other years. <sup>3</sup> Under 18 years.

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

## NO. 94. CHILDREN EVER BORN TO SINGLE WOMEN, BY AGE OF WOMAN: 1970 TO 1978

[Refers to never-married women only. 1970 as of April, based on the enumerated resident population. 1976 and 1978 as of June, based on the civilian noninstitutional population from Current Population Survey. See text, p. 1]

ITEM	ALL SINGLE WOMEN <sup>1</sup>			WHITE SINGLE WOMEN			BLACK SINGLE WOMEN		
	Total, 18-49 years	18-29 years	30-49 years	Total, 18-49 years	18-29 years	30-49 years	Total, 18-49 years	18-29 years	30-49 years
<b>1970</b>									
Single women.....1,000..	8,107	6,664	1,443	6,788	5,615	1,173	1,177	933	244
Children ever born.....1,000..	1,755	1,024	731	693	407	286	1,021	592	429
Rate per 1,000 women.....	216	154	506	102	72	244	867	635	1,768
Percent distribution by number born:									
None.....	90.0	91.1	82.6	94.7	95.7	90.6	60.2	64.1	45.6
One.....			6.6	3.1	3.0	4.5	19.5	20.3	15.8
Two or more.....	10.0	8.9	10.8	2.2	1.2	4.9	20.2	15.5	38.6
<b>1976</b>									
Single women.....1,000..	10,180	8,823	1,357	8,189	7,157	1,032	1,772	1,476	296
Children ever born.....1,000..	2,198	1,425	773	608	405	203	1,544	983	561
Rate per 1,000 women.....	216	162	570	74	57	197	871	666	1,895
Percent distribution by number born:									
None.....	88.1	89.5	79.3	95.1	95.7	90.4	56.1	59.3	40.1
One.....	6.8	6.9	6.8	3.4	3.3	4.2	22.7	24.0	16.2
Two or more.....	5.0	3.7	13.9	1.5	.9	5.4	21.2	16.7	43.8
<b>1978</b>									
Single women.....1,000..	11,494	9,850	1,644	9,075	7,861	1,214	2,135	1,750	385
Children ever born.....1,000..	2,768	1,784	994	883	506	317	1,836	1,189	647
Rate per 1,000 women.....	241	181	599	97	72	261	860	679	1,681
Percent distribution by number born:									
None.....	86.1	87.7	76.2	93.5	94.3	89.0	53.9	57.9	35.5
One.....	8.6	8.4	9.9	4.6	4.5	5.2	26.0	26.3	24.5
Two or more.....	5.3	3.8	14.0	1.8	1.2	5.9	20.1	15.8	39.9

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

Source: U.S. Bureau of the Census, *Census of Population: 1970, Women by Number of Children Ever Born*, PC(2)-3A; and *Current Population Reports*, series P-20, Nos. 308 and 825, and forthcoming report.

**NO. 95. UNWANTED FERTILITY OF ALL MOTHERS, 15-44 YEARS OLD: 1973 AND 1976**

[Data represent the birth experience to date of all mothers 15-44 years old who have been married or are single with children of their own in the household. From the 1973 and 1976 National Survey of Family Growth; based on a multi-stage area probability sample. Data are subject to sampling variability]

CHARACTERISTIC	1973				1976				Births per mother	
	Number of mothers (1,000)	Births		Number of mothers (1,000)	Births		All births	Unwanted <sup>2</sup>		
		Live births <sup>1</sup> (1,000)	Unwanted <sup>2</sup>		Live births <sup>1</sup> (1,000)	Unwanted <sup>2</sup>				
			Number (1,000)			Percent			Number (1,000)	Percent
<b>Total mothers<sup>3</sup></b> .....	25,803	68,184	8,910	13.1	27,055	67,849	8,125	12.0	2.51	.30
Race: White.....	22,182	57,551	6,068	10.5	22,837	56,238	5,350	9.5	2.46	.23
Black.....	3,369	9,984	2,783	27.9	3,726	10,525	2,716	26.8	2.82	.73
Education: Less than high school.....	2,622	9,123	1,501	16.5	2,187	7,274	1,264	17.4	3.33	.58
High school: 1-3 years.....	5,697	16,834	3,024	17.9	5,478	15,543	2,405	15.5	2.84	.44
4 years.....	12,161	29,917	3,307	11.1	12,651	30,405	3,391	11.2	2.40	.27
College: 1-3 years.....	3,182	7,585	734	9.7	3,763	8,391	776	9.3	2.23	.21
4 years or more.....	2,140	4,675	344	7.4	2,925	6,114	286	4.7	2.09	.10
<b>Currently married mothers<sup>3</sup></b> .....	21,816	57,524	6,418	11.2	22,253	55,900	5,516	9.9	2.51	.25
Race: White.....	19,704	51,391	5,055	9.8	19,921	49,453	4,299	8.7	2.43	.22
Black.....	1,822	5,561	1,331	23.9	1,927	5,533	1,177	21.3	2.87	.61
Education: Less than high school.....	1,948	6,846	838	12.2	1,663	5,584	832	14.9	3.36	.50
High school: 1-3 years.....	4,482	13,274	2,114	15.9	3,951	11,226	1,320	11.8	2.84	.33
4 years.....	10,046	26,494	2,586	9.8	10,741	26,120	2,547	9.8	2.43	.24
College: 1-3 years.....	2,816	6,722	602	9.0	3,244	7,381	597	8.1	2.28	.18
4 years or more.....	1,924	4,187	279	6.7	2,613	5,503	219	4.0	2.11	.08

<sup>1</sup> Multiple births counted only once. <sup>2</sup> All births which mothers report as "not wanted" or "probably not wanted" at time of becoming pregnant. <sup>3</sup> Includes races not shown separately.

Source: U.S. National Center for Health Statistics, *Wanted and Unwanted Births Reported by Mothers, 15-44 Years of Age: United States, 1973; Advance Data from Vital and Health Statistics, HRA 77-1250*; and unpublished data.

**NO. 96. CONTRACEPTIVE USE BY CURRENTLY MARRIED WOMEN 15-44 YEARS OLD, BY METHOD OF CONTRACEPTION, RACE, AND AGE: 1965 TO 1976**

[Data from 1965 and 1970 National Fertility Survey and 1976 National Survey of Family Growth]

RACE AND AGE (in years)	Number of currently married women (1,000)	Percent using contraception	PERCENT USING SPECIFIED METHOD OF CONTRACEPTION								
			Sterilization		Pill	IUD <sup>1</sup>	Dia-phragm	Condom	Foam	Rhythm	All other
			Wife	Hus-band							
<b>1965</b>											
White, 15-44...	22,382	64.9	4.1	3.5	15.6	.7	6.8	14.5	2.0	7.5	10.2
15-24.....	4,724	59.6	.6	1.0	30.7	.9	2.6	9.2	2.6	4.9	7.1
25-34.....	8,387	69.4	4.3	4.0	17.3	.8	6.5	18.3	2.8	7.4	10.0
35-44.....	9,271	63.2	5.6	4.4	6.3	.4	9.1	15.6	1.0	9.0	11.8
Black, 15-44...	2,091	57.2	8.3	.3	12.4	1.7	2.9	9.7	3.5	1.4	17.0
15-24.....	555	61.5	1.9	.4	17.1	3.5	1.9	10.9	5.8	1.6	18.4
25-34.....	794	62.8	7.9	.3	17.1	1.9	2.7	12.8	3.5	2.2	14.4
35-44.....	742	47.9	13.4	.3	3.8	-	3.8	5.5	1.7	.6	18.8
<b>1970</b>											
White, 15-44...	23,220	65.7	4.9	5.5	22.4	4.8	3.8	9.7	4.0	4.4	6.2
15-24.....	5,595	63.8	.4	.8	37.6	5.3	1.7	5.9	4.8	2.3	5.0
25-34.....	9,578	69.0	4.9	5.4	23.7	6.6	3.9	9.7	4.9	4.1	5.8
35-44.....	8,047	63.5	8.2	8.9	10.2	2.3	5.2	12.4	2.4	6.3	7.6
Black, 15-44...	2,031	59.2	11.4	.6	22.1	4.5	3.1	4.0	3.6	1.0	8.8
15-24.....	506	60.5	1.0	-	35.9	6.2	1.5	4.1	4.1	.5	7.2
25-34.....	787	67.3	11.2	1.7	26.4	5.6	3.6	3.6	4.3	1.3	10.6
35-44.....	738	49.4	18.7	1.1	8.1	2.1	3.5	4.2	2.5	1.1	8.1
<b>1976</b>											
White, 15-44...	24,518	<sup>2</sup> 69.1	<sup>2</sup> 9.7	<sup>2</sup> 10.5	22.5	6.1	3.0	7.4	2.9	3.5	3.5
15-24.....	5,339	69.3	2.4	1.1	43.9	6.3	2.8	5.1	2.9	2.4	1.9
25-34.....	10,840	71.9	10.9	10.0	23.2	7.1	3.2	7.6	3.0	3.3	3.5
35-44.....	8,339	65.3	12.7	17.1	7.8	4.6	3.0	8.6	2.8	4.3	4.3
Black, 15-44...	2,145	<sup>2</sup> 58.4	<sup>2</sup> 11.0	<sup>2</sup> 1.9	22.1	6.1	1.8	4.5	3.8	1.4	5.8
15-24.....	504	58.6	3.7	.3	35.8	5.8	.2	3.4	1.8	3.4	4.1
25-34.....	900	62.2	9.3	.4	26.1	7.1	1.7	5.5	4.3	4.4	7.4
35-44.....	741	53.6	18.1	4.8	7.7	5.0	2.9	4.1	4.5	1.4	5.0

- Represents zero. <sup>1</sup> Intra-uterine device. <sup>2</sup> Due to changes in wording of the question on contraceptive intent of sterilization operations in the 1976 survey, estimates should be considered conservative.

Source: 1965-1970, Westoff, C. F., "Trends in Contraceptive Practice: 1965-1973." In Alan Guttmacher Institute, *Family Planning Perspectives*, vol. 8, No. 2, 1976; 1976, unpublished data from U.S. National Center for Health Statistics, 1976 National Survey of Family Growth.

**NO. 97. LEGAL ABORTIONS—ESTIMATED NUMBER, RATE, AND RATIO BY RACE: 1972 TO 1977**

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

ITEM	1972		1973		1974		1975		1976		1977	
	White	Black and other										
Total women, 15-44 yr. old.....1,000.....	38,381	6,014	39,090	6,212	39,803	6,417	40,485	6,633	41,254	6,855	42,022	7,071
Number of abortions.....1,000.....	452.0	135.0	539.6	205.0	626.6	272.0	701.1	333.1	784.9	394.4	876.2	444.1
Annual percent change.	(X)	(X)	19.4	51.9	16.1	32.7	11.9	22.4	12.0	18.4	11.6	12.6
Abortion rate per 1,000 women.....	11.8	22.4	13.8	33.0	15.7	42.4	17.3	50.2	19.0	57.5	20.9	62.8
Annual percent change.	(X)	(X)	16.9	47.3	13.8	28.4	10.2	18.4	9.8	14.5	10.0	9.2
Abortion ratio per 1,000 live births.....	174	226	213	354	242	461	276	564	296	630	328	705
Annual percent change.	(X)	(X)	22.4	56.6	13.6	30.2	14.0	22.3	7.2	11.7	10.8	11.9

X Not applicable.

Source: Alan Guttmacher Institute, unpublished data. Includes data from U.S. Bureau of the Census, U.S. National Center for Health Statistics, and U.S. Center for Disease Control, Atlanta, Ga.

**NO. 98. WOMEN OBTAINING REPORTED LEGAL ABORTIONS, 1975 TO 1977, AND CHARACTERISTICS, 1977—SELECTED STATES**

[By State of occurrence. Based on available data from central health agencies with statewide reporting systems; therefore, figures may differ from those shown in table 99 which are based on surveys of hospitals and physicians]

STATE	NUMBER OF ABORTIONS (1,000)			RATIO: ABORTIONS TO 1,000 LIVE BIRTHS		PERCENT DISTRIBUTION <sup>1</sup> , 1977									
						Race		Weeks of gestation		Marital status		Number of living children			
	1975	1976	1977	1975	1977	White	Black and other	12 or less	13 or more	Married	Unmarried	None	1	2	3 or more
Alaska.....	1.2	1.2	1.1	169	128	66.3	21.1	96.4	7	22.7	75.3	53.9	17.1	9.4	6.7
Ariz.....	(NA)	5.2	6.1	(NA)	147	77.8	15.7	87.2	9.0	20.1	74.9	62.3	17.5	11.7	8.5
Ark.....	1.0	3.3	2.7	57	82	80.9	19.1	85.0	14.8	24.9	75.1	(NA)	(NA)	(NA)	(NA)
Calif.....	142.1	142.6	164.7	448	474	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Colo.....	9.7	11.5	12.9	241	300	54.1	4.9	55.6	16.2	20.5	50.3	43.0	12.4	9.2	5.4
Conn.....	10.8	13.4	15.0	301	409	(NA)	(NA)	93.7	3.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
D.C.....	22.7	31.4	29.5	(2)	(2)	38.8	59.8	90.3	6.4	20.8	75.7	(NA)	(NA)	(NA)	(NA)
Ga.....	23.7	26.6	29.9	297	354	56.5	34.6	92.9	7.0	26.2	72.4	56.7	20.7	13.9	8.7
Hawaii.....	4.5	6.2	5.2	290	309	32.7	55.7	82.8	15.2	35.3	64.7	97.6	1.2	.7	.5
Idaho.....	(NA)	(NA)	1.1	(NA)	58	94.9	3.1	96.4	2.4	29.0	68.5	62.3	15.7	11.7	9.9
Ill.....	58.7	66.4	71.3	347	403	55.0	42.3	93.1	3.2	21.4	76.5	51.2	10.8	15.6	13.5
Ind.....	7.9	8.6	9.5	95	112	79.4	20.0	98.7	1.3	23.9	75.1	53.2	18.1	13.9	9.6
Kans.....	9.2	9.2	7.4	272	200	82.3	16.9	79.6	20.2	24.9	74.3	60.1	17.7	12.4	8.8
La.....	4.2	6.4	8.6	62	115	51.7	46.0	96.5	2.8	21.2	72.3	(NA)	(NA)	(NA)	(NA)
Md.....	18.9	20.6	22.2	358	398	59.5	39.5	89.9	10.1	19.2	79.8	58.6	21.1	12.6	7.6
Mass.....	(NA)	32.8	34.4	(NA)	506	(NA)	(NA)	92.8	7.2	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Minn.....	10.6	14.1	15.5	187	258	84.9	5.2	83.3	16.7	15.3	80.6	70.8	13.5	8.4	6.2
Miss.....	.3	1.5	2.4	7	54	62.6	37.1	88.3	7.8	27.9	72.0	57.1	19.1	13.5	9.6
Mo.....	10.2	12.9	13.5	150	185	65.6	33.1	94.1	4.6	25.9	72.0	50.9	19.6	14.8	12.4
Mont.....	1.5	1.8	2.5	130	195	72.7	5.0	86.3	4.8	18.2	59.6	65.5	14.7	11.0	7.5
Nebr.....	3.4	4.0	4.5	144	180	89.6	9.7	84.8	14.6	19.0	80.7	67.9	13.0	10.2	8.9
Nev.....	1.8	2.4	4.3	204	409	87.6	11.2	95.4	1.9	22.1	76.6	64.1	18.1	10.6	7.1
N.H.....	1.4	2.0	1.7	126	144	80.9	17.2	92.7	2.7	17.4	79.5	31.9	9.4	8.5	6.1
N.Y.....	147.2	147.9	147.6	624	611	62.7	38.3	86.6	12.0	27.9	72.1	42.5	19.7	16.4	21.0
City.....	106.3	102.0	102.5	(2)	927	54.4	45.6	87.3	11.0	27.4	72.6	32.7	23.6	18.1	26.0
Upstate.....	40.9	45.8	45.2	313	345	81.4	15.1	85.1	14.3	29.3	70.7	64.8	18.2	12.5	9.6
N.C.....	20.0	23.6	25.0	247	296	61.9	35.9	81.7	13.4	25.6	72.4	55.2	19.2	14.2	9.0
Ohio.....	(NA)	37.2	47.7	(NA)	286	61.8	24.6	68.6	4.4	19.5	77.9	57.3	19.3	13.7	9.8
Orge.....	10.6	12.6	13.2	319	351	95.0	4.0	98.7	11.1	26.2	72.2	(NA)	(NA)	(NA)	(NA)
Pa.....	43.3	52.3	57.9	291	377	(NA)	(NA)	91.8	7.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
R.I.....	3.3	3.9	4.1	303	353	85.2	10.5	89.6	10.3	30.6	67.0	56.1	18.8	13.9	10.1
S.C.....	4.5	5.7	8.8	97	183	56.5	43.0	93.1	2.7	25.0	74.2	58.0	19.0	13.3	9.8
S. Dak.....	1.5	1.6	1.4	131	115	84.5	13.7	70.2	28.3	20.6	76.4	57.5	14.2	8.9	8.6
Tenn.....	11.1	17.0	18.5	178	247	74.7	22.3	88.4	5.4	19.3	69.9	53.4	19.5	13.2	9.9
Utah.....	2.1	2.5	3.0	68	80	88.6	10.6	88.5	10.1	20.1	79.5	57.4	18.1	13.4	10.9
Vt.....	2.1	2.3	1.9	313	277	98.9	.7	95.3	4.7	23.1	76.0	73.1	10.4	9.4	6.5
Va.....	18.0	22.6	26.8	257	375	64.1	35.9	90.6	3.6	21.6	78.3	57.7	17.0	12.5	8.5
Wash.....	21.0	22.8	26.9	412	471	(NA)	(NA)	92.9	6.6	24.3	74.0	(NA)	(NA)	(NA)	(NA)
Wyo.....	(NA)	(NA)	.5	(NA)	60	(NA)	(NA)	91.6	6.4	(NA)	(NA)	63.6	14.6	12.2	6.4

NA Not available. <sup>1</sup> "Unknown" categories not shown separately. <sup>2</sup> More than 1,000.

Source: U.S. Center for Disease Control, Atlanta, Ga., *Abortion Surveillance Report—Legal Abortions*, annual summary.

No. 99. LEGAL ABORTIONS—NUMBER, RATE PER 1,000 WOMEN 15–44 YEARS OLD, AND ABORTION/LIVE BIRTHS, RATIO BY STATE OF OCCURRENCE: 1974 TO 1977

[Numbers of legal abortions are from two surveys of hospitals, clinics, and physicians identified as providers of abortion services, conducted by the Alan Guttmacher Institute. Abortion rates are computed per 1,000 women 15–44 years of age on July 1 of specified year; abortion ratios are computed as the number of abortions per 1,000 live births from July 1, 1974, to June 30, 1975, from July 1, 1975, to June 30, 1976, and from July 1, 1977, to June 30, 1978, respectively, by State of occurrence.]

STATE	NUMBER OF ABORTIONS (1,000)			RATE PER 1,000 WOMEN			RATIO: ABORTIONS PER 1,000 LIVE BIRTHS		
	1974	1975	1977	1974	1975	1977	1974	1975	1977
U.S.-----	898.6	1,034.2	1,320.3	19.6	22.1	26.9	282	331	400
N. Eng.-----	44.6	54.1	69.6	17.0	20.1	25.4	297	372	460
Maine-----	1.9	2.0	3.3	9.1	9.5	13.9	129	136	218
N.H.-----	.8	1.8	3.5	5.0	10.8	18.8	71	178	273
Vt.-----	1.9	2.2	2.4	18.7	22.1	22.5	303	350	363
Mass.-----	27.8	33.3	39.3	22.0	25.7	29.8	394	488	568
R.I.-----	2.9	3.3	4.2	14.4	16.0	21.3	257	298	357
Conn.-----	9.3	11.4	16.8	13.4	16.1	24.3	259	328	474
Mid. Atl.-----	233.3	250.6	293.3	28.3	29.7	35.7	484	532	617
N.Y.-----	169.0	170.7	186.0	41.3	40.7	46.0	697	727	803
N.J.-----	22.7	32.4	45.3	13.9	19.4	28.1	251	369	500
Pa.-----	41.6	47.4	62.0	16.6	18.5	24.3	278	320	405
E. No. Cent.-----	131.5	166.6	212.4	14.4	17.8	22.7	213	280	345
Ohio-----	30.4	44.6	60.3	12.5	17.9	25.1	188	290	384
Ind.-----	6.0	7.7	10.4	5.1	6.3	8.7	71	94	126
Ill.-----	46.8	60.3	71.9	18.7	23.6	27.4	277	363	420
Mich.-----	37.6	42.7	53.6	18.3	20.3	25.1	277	330	392
Wis.-----	10.7	11.3	16.2	11.1	11.4	15.9	162	176	236
W. No. Cent.-----	44.4	51.4	62.5	12.7	14.3	16.6	178	208	234
Minn.-----	11.6	12.8	17.2	13.7	14.7	19.2	204	229	281
Iowa.-----	6.0	6.2	7.0	10.3	10.4	11.3	145	150	156
Mo.-----	8.4	11.0	14.9	8.2	10.5	14.1	116	156	194
N. Dak.-----	.2	.9	1.9	1.2	7.1	12.6	14	80	157
S. Dak.-----	1.6	1.6	1.4	12.3	11.5	9.1	148	138	119
Nebr.-----	3.2	4.6	5.4	10.1	14.3	14.3	133	193	215
Kans.-----	13.4	14.3	14.7	28.4	29.5	29.0	417	440	423
So. Atl.-----	143.0	172.4	212.7	20.2	23.8	26.8	288	362	420
Del.-----	2.2	2.4	3.0	16.6	17.4	21.7	256	280	346
Md.-----	17.1	21.8	23.7	17.8	22.2	24.0	364	485	496
D.C.-----	33.0	31.4	31.6	169.7	158.0	185.0	1,602	1,619	1,456
Va.-----	16.5	20.3	28.2	15.0	18.0	23.2	239	303	400
W. Va.-----	(2)	.1	2.2	.1	.3	5.7	1	4	72
N.C.-----	16.9	20.0	25.1	14.4	16.7	19.4	199	252	300
S.C.-----	5.1	6.2	8.9	8.7	10.3	13.3	109	137	188
Ga.-----	21.7	23.8	32.5	20.0	21.4	26.9	259	294	384
Fla.-----	30.4	46.5	57.5	20.4	30.5	31.0	279	449	520
E. So. Cent.-----	29.0	32.5	56.5	10.3	11.2	18.2	128	146	241
Ky.-----	7.8	8.5	11.5	11.1	12.0	14.7	142	148	193
Tenn.-----	15.8	17.6	30.5	17.7	10.2	31.2	234	269	445
Ala.-----	5.1	6.0	11.8	6.7	7.7	14.2	86	105	197
Miss.-----	.4	.3	2.8	.8	.6	5.3	8	7	59
W. So. Cent.-----	48.4	65.9	99.0	11.0	14.6	20.1	132	179	256
Ark.-----	1.9	2.6	3.6	4.8	6.3	7.5	56	78	108
La.-----	4.4	5.3	14.6	5.3	6.2	16.8	65	78	196
Okla.-----	4.4	6.8	10.0	7.8	11.8	16.4	105	163	230
Tex.-----	37.7	51.2	70.9	14.4	19.1	23.9	169	226	301
Mt.-----	25.8	33.6	47.2	13.3	16.9	19.4	147	188	239
Mont.-----	1.2	1.5	2.3	8.4	9.9	11.8	103	124	177
Idaho.-----	.9	1.1	1.7	5.1	7.0	9.0	50	67	93
Wyo.-----	.3	.5	1.0	4.5	7.3	9.6	50	79	119
Colo.-----	11.3	13.6	18.7	20.2	24.6	28.3	279	338	428
N. Mex.-----	3.6	5.1	6.4	15.7	21.7	21.7	170	249	282
Ariz.-----	5.6	6.7	9.7	13.5	15.8	17.6	138	170	226
Utah.-----	1.5	2.0	3.1	5.9	7.8	10.6	47	60	79
Nev.-----	1.5	3.0	4.4	11.6	23.2	28.9	174	322	429
Pac.-----	198.7	207.3	267.1	31.3	32.0	40.3	471	490	576
Wash.-----	19.9	20.9	31.4	25.2	25.8	39.0	398	435	550
Oreg.-----	13.4	13.3	15.1	27.9	27.0	28.8	393	381	388
Calif.-----	158.9	165.6	209.9	33.0	33.6	42.1	504	523	612
Alaska.-----	1.2	1.6	2.6	15.9	21.7	25.3	158	202	324
Hawaii.-----	5.3	5.9	8.0	28.9	31.6	39.6	344	363	480

Z Fewer than 50 legal abortions reported by providers.

Source: 1974, Weinstein, E., C. Tietze, F. Jaffe, and J. G. Dryfoos, "Abortion Need and Services in the United States, 1974-75." In Alan Guttmacher Institute, *Family Planning Perspectives*, vol. 8, No. 2 (data revised), 1975, derived from Sullivan, E., C. Tietze, and J. Dryfoos, "Legal Abortion in the United States, 1975-1976." In Alan Guttmacher Institute, *Family Planning Perspectives*, vol. 8, No. 3, 1977, The Alan Guttmacher Institute, "Abortion in the United States, 1977-78," forthcoming report.

## NO. 100. EXPECTATION OF LIFE AT BIRTH: 1920 TO 1977

[In years. Prior to 1960, excludes Alaska and Hawaii. Data prior to 1940 for death-registration States only; see text, p. 57. Beginning 1970, excludes deaths of nonresidents of the United States. See also *Historical Statistics, Colonial Times to 1970*, series B 107-113]

YEAR	TOTAL			WHITE			BLACK AND OTHER		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
1920	54.1	53.6	54.6	54.9	54.4	55.6	45.3	45.5	45.2
1930	59.7	58.1	61.6	61.4	59.7	63.5	48.1	47.3	49.2
1940	62.9	60.8	65.2	64.2	62.1	66.6	53.1	51.5	54.9
1950	68.2	65.6	71.1	69.1	66.5	72.2	60.8	59.1	62.9
1955	69.6	66.7	72.8	70.5	67.4	73.7	63.7	61.4	66.1
1960	69.7	66.6	73.1	70.6	67.4	74.1	63.6	61.1	66.3
1965	70.2	66.8	73.7	71.0	67.6	74.7	64.1	61.1	67.4
1970	70.9	67.1	74.8	71.7	68.0	75.6	65.3	61.3	69.4
1971	71.1	67.4	75.0	72.0	68.3	75.8	65.6	61.6	69.7
1972	71.1	67.4	75.1	72.0	68.3	75.9	65.6	61.5	69.9
1973	71.3	67.6	75.3	72.2	68.4	76.1	65.9	61.9	70.1
1974	71.9	68.1	75.8	72.7	68.9	76.6	67.0	62.9	71.3
1975	72.5	68.7	76.5	73.2	69.4	77.2	67.9	63.6	72.3
1976	72.8	69.0	76.7	73.5	69.7	77.3	68.3	64.1	72.6
1977	73.2	69.3	77.1	73.8	70.0	77.7	68.8	64.6	73.1

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

## NO. 101. SELECTED LIFE TABLE VALUES: 1939 TO 1977

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

AGE AND SEX	WHITE						BLACK AND OTHER					
	1939-1941	1949-1951	1959-1961	1969-1971	1975	1977	1939-1941	1949-1951	1959-1961	1969-1971	1975	1977
Average expectation of life in years:												
At birth: Male	62.3	66.3	67.6	67.9	69.4	70.0	52.3	58.9	61.5	61.0	63.6	64.6
Female	67.3	72.0	74.2	75.5	77.2	77.7	55.5	62.7	66.5	69.1	72.3	73.1
Age 20: Male	47.8	49.5	50.3	50.2	51.4	51.9	39.7	43.7	45.8	44.4	46.3	47.2
Female	51.4	54.6	56.3	57.2	58.6	59.1	42.1	46.8	50.1	51.9	54.7	55.2
Age 40: Male	30.0	31.2	31.7	31.9	33.0	33.4	25.2	27.3	28.7	28.3	29.8	30.2
Female	33.3	35.6	37.1	38.1	39.4	39.8	27.3	29.8	32.2	33.9	36.2	36.7
Age 50: Male	22.0	22.8	23.2	23.3	24.3	24.7	19.2	20.3	21.3	21.2	22.4	22.7
Female	24.7	26.8	28.1	29.1	30.3	30.7	21.0	22.7	24.3	26.0	27.9	28.3
Age 65: Male	12.1	12.8	13.0	13.0	13.7	13.9	12.2	12.8	12.8	12.9	13.7	14.0
Female	13.6	15.0	15.9	16.9	18.1	18.4	14.0	14.6	15.1	16.0	17.5	17.8
Annual deaths expected per 1,000 alive at specified age:												
At birth: Male	48.1	30.7	25.9	20.1	15.9	14.0	83.0	50.9	47.0	34.1	26.3	23.9
Female	37.9	23.6	19.6	15.3	12.3	10.8	68.8	40.9	38.3	27.7	22.2	19.7
Age 20: Male	2.1	1.6	1.6	1.9	1.8	1.8	(NA)	3.1	2.4	3.6	2.8	2.3
Female	1.5	.7	.6	.6	.6	.6	(NA)	2.3	1.2	1.2	.9	.9
Age 40: Male	5.1	3.9	3.3	3.4	2.9	2.8	13.6	8.8	7.5	9.0	7.4	6.9
Female	3.7	2.4	1.9	1.9	1.7	1.5	11.8	7.7	5.6	5.1	3.7	3.4
Age 50: Male	11.6	10.1	9.6	8.9	8.0	7.6	25.4	19.1	15.7	16.8	14.5	13.8
Female	7.5	5.6	4.7	4.7	4.2	4.0	21.9	16.0	11.7	10.1	7.9	7.8
Age 65: Male	36.9	34.5	33.9	33.9	30.3	29.1	(NA)	45.8	43.7	41.7	35.5	34.6
Female	26.4	20.6	17.4	15.6	13.9	13.9	(NA)	37.0	30.7	27.4	19.8	19.0
Number surviving to specified age per 1,000 born live:												
Age 20: Male	923	951	959	964	970	972	868	919	931	943	956	960
Female	940	965	971	976	980	982	885	935	947	959	968	971
Age 40: Male	869	912	924	925	934	937	728	828	857	844	870	884
Female	898	941	953	957	964	967	759	861	897	912	933	940
Age 50: Male	805	856	874	877	890	895	608	729	772	747	787	804
Female	853	907	925	929	939	943	649	770	830	850	893	898
Age 65: Male	583	635	658	652	694	707	359	452	514	496	543	558
Female	687	768	807	809	832	838	407	524	608	661	715	727

NA. Not available.

Source: U.S. National Center for Health Statistics, *U.S. Life Tables and Actuarial Tables, 1939-41; 1949-51; 1959-61*; and *Vital Statistics of the United States*, annual.

No. 102. EXPECTATION OF LIFE AND EXPECTED DEATHS, BY RACE, AGE, AND SEX: 1977

AGE IN 1977 (years)	EXPECTATION OF LIFE IN YEARS					EXPECTED DEATHS PER 1,000 ALIVE AT SPECIFIED AGE				
	Total	White		Black and other		Total	White		Black and other	
		Male	Female	Male	Female		Male	Female	Male	Female
At birth.....	73.2	70.0	77.7	64.6	73.1	14.21	13.98	10.75	23.91	19.73
1.....	73.2	70.0	77.6	65.2	73.6	.93	.97	.74	1.37	1.13
2.....	72.3	69.1	76.6	64.3	72.7	.73	.73	.58	1.12	.92
3.....	71.3	68.1	75.7	63.4	71.7	.58	.58	.47	.93	.74
4.....	70.4	67.2	74.7	62.4	70.8	.48	.49	.38	.78	.60
5.....	69.4	66.2	73.7	61.5	69.8	.42	.45	.32	.66	.48
6.....	68.4	65.2	72.8	60.5	68.9	.37	.42	.28	.57	.39
7.....	67.5	64.3	71.8	59.6	67.9	.34	.40	.25	.50	.33
8.....	66.5	63.3	70.8	58.6	66.9	.30	.36	.22	.45	.28
9.....	65.5	62.3	69.8	57.6	65.9	.27	.30	.20	.41	.24
10.....	64.5	61.3	68.8	56.6	65.0	.24	.26	.19	.39	.23
11.....	63.5	60.4	67.9	55.7	64.0	.24	.26	.20	.42	.23
12.....	62.6	59.4	66.9	54.7	63.0	.30	.33	.22	.49	.26
13.....	61.6	58.4	65.9	53.7	62.0	.41	.51	.28	.62	.31
14.....	60.6	57.4	64.9	52.8	61.0	.57	.77	.35	.80	.38
15.....	59.6	56.5	63.9	51.8	60.0	.75	1.05	.44	1.00	.46
16.....	58.7	55.5	62.9	50.8	59.1	.92	1.32	.52	1.21	.55
17.....	57.7	54.6	62.0	49.9	58.1	1.06	1.53	.58	1.45	.64
18.....	56.8	53.7	61.0	49.0	57.1	1.16	1.68	.61	1.70	.71
19.....	55.9	52.8	60.1	48.1	56.2	1.22	1.76	.60	1.97	.78
20.....	54.9	51.9	59.1	47.2	55.2	1.27	1.84	.60	2.25	.85
21.....	54.0	51.0	58.1	46.3	54.3	1.33	1.92	.60	2.53	.93
22.....	53.1	50.1	57.2	45.4	53.3	1.36	1.95	.60	2.80	1.00
23.....	52.1	49.1	56.2	44.5	52.4	1.37	1.93	.59	3.05	1.07
24.....	51.2	48.2	55.2	43.6	51.4	1.36	1.86	.59	3.27	1.13
25.....	50.3	47.3	54.3	42.8	50.5	1.34	1.79	.59	3.51	1.20
26.....	49.3	46.4	53.3	41.9	49.5	1.32	1.71	.59	3.74	1.27
27.....	48.4	45.5	52.3	41.1	48.6	1.31	1.65	.60	3.90	1.33
28.....	47.5	44.6	51.4	40.2	47.7	1.31	1.61	.62	3.97	1.38
29.....	46.5	43.6	50.4	39.4	46.7	1.31	1.59	.65	3.97	1.42
30.....	45.6	42.7	49.4	38.6	45.8	1.32	1.68	.69	3.95	1.47
31.....	44.7	41.8	48.5	37.7	44.9	1.35	1.59	.73	3.96	1.53
32.....	43.7	40.8	47.5	36.9	43.9	1.39	1.61	.78	4.05	1.62
33.....	42.8	39.9	46.5	36.0	43.0	1.45	1.67	.83	4.25	1.75
34.....	41.8	39.0	45.6	35.2	42.1	1.55	1.76	.89	4.54	1.92
35.....	40.9	38.0	44.6	34.3	41.2	1.66	1.88	.96	4.87	2.11
36.....	40.0	37.1	43.6	33.5	40.3	1.78	2.01	1.04	5.20	2.31
37.....	39.0	36.2	42.7	32.6	39.3	1.93	2.17	1.13	5.57	2.53
38.....	38.1	35.3	41.7	31.8	38.4	2.10	2.34	1.25	5.97	2.79
39.....	37.2	34.3	40.8	31.0	37.5	2.29	2.54	1.39	6.40	3.06
40.....	36.3	33.4	39.8	30.2	36.7	2.50	2.77	1.54	6.87	3.37
41.....	35.4	32.5	38.9	29.4	35.8	2.75	3.03	1.71	7.39	3.70
42.....	34.5	31.6	38.0	28.6	34.9	3.01	3.34	1.89	7.91	4.04
43.....	33.6	30.7	37.0	27.9	34.1	3.30	3.69	2.09	8.42	4.37
44.....	32.7	29.8	36.1	27.1	33.2	3.62	4.10	2.31	8.95	4.71
45.....	31.8	29.0	35.2	26.3	32.4	3.97	4.55	2.54	9.49	5.07
46.....	30.9	28.1	34.3	25.6	31.5	4.35	5.04	2.80	10.11	5.46
47.....	30.0	27.2	33.4	24.8	30.7	4.77	5.58	3.07	10.84	5.92
48.....	29.2	26.4	32.5	24.1	29.9	5.24	6.19	3.36	11.72	6.47
49.....	28.3	25.5	31.6	23.4	29.1	5.75	6.86	3.68	12.73	7.08
50.....	27.5	24.7	30.7	22.7	28.3	6.31	7.60	4.02	13.83	7.75
51.....	26.7	23.9	29.8	22.0	27.5	6.91	8.40	4.39	14.98	8.44
52.....	25.9	23.1	29.0	21.3	26.7	7.53	9.22	4.78	16.16	9.14
53.....	25.0	22.3	28.1	20.7	26.0	8.16	10.06	5.18	17.34	9.83
54.....	24.2	21.5	27.2	20.0	25.2	8.82	10.94	5.60	18.55	10.52
55.....	23.5	20.8	26.4	19.4	24.5	9.50	11.84	6.04	19.72	11.20
56.....	22.7	20.0	25.5	18.8	23.7	10.25	12.86	6.53	20.99	11.93
57.....	21.9	19.3	24.7	18.2	23.0	11.16	14.09	7.12	22.56	12.83
58.....	21.2	18.5	23.9	17.6	22.3	12.29	15.61	7.85	24.53	13.97
59.....	20.4	17.8	23.1	17.0	21.6	13.60	17.37	8.68	26.82	15.28
60.....	19.7	17.1	22.3	16.5	21.0	15.06	19.31	9.62	29.50	16.87
61.....	19.0	16.4	21.5	15.9	20.3	16.55	21.31	10.59	32.16	18.45
62.....	18.3	15.8	20.7	15.4	19.7	17.94	23.30	11.50	34.15	19.62
63.....	17.6	15.2	19.9	15.0	19.1	19.13	25.21	12.30	35.05	19.80
64.....	16.9	14.5	19.2	14.5	18.4	20.22	27.10	13.05	35.13	19.58
65.....	16.3	13.9	18.4	14.0	17.8	21.31	29.05	13.85	34.62	18.97
70.....	13.1	11.1	14.8	11.4	14.5	31.53	43.16	21.05	49.67	32.75
75.....	10.4	8.6	11.5	9.7	12.5	49.84	66.26	36.43	74.90	55.75
80.....	8.2	6.8	8.8	8.7	11.3	75.07	98.72	60.23	96.26	71.70
85 and over.....	6.4	5.3	6.8	7.3	9.6	1,000.00	1,000.00	1,000.00	1,000.00	1,000.00

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

## No. 103. AVERAGE LIFETIME IN YEARS, BY SEX—STATES: 1969-71

[States are ranked according to the average lifetime for the total population]

STATE	Both sexes	Male	Female	STATE	Both sexes	Male	Female	STATE	Both sexes	Male	Female
U.S.	70.75	67.04	74.64	Wash.	71.72	68.07	75.78	N. Mex.	70.32	66.51	74.51
Hawaii	73.60	71.02	76.79	Calif.	71.71	68.19	75.37	Wyo.	70.29	66.19	75.19
Minn.	72.96	69.38	76.80	Vt.	71.64	67.76	75.77	Md.	70.22	66.47	74.17
Utah	72.90	69.49	76.55	Okla.	71.42	67.40	75.70	Ill.	70.14	66.48	73.96
N. Dak.	72.79	69.23	77.01	N.H.	71.23	67.48	75.19	Tenn.	70.11	66.15	74.26
Nebr.	72.60	68.85	76.61	Maine	70.93	67.24	74.85	Ky.	70.10	66.22	74.31
Kans.	72.58	68.83	76.54	N.J.	70.93	67.52	74.38	Va.	70.08	66.26	74.17
Iowa	72.56	68.83	76.50	Tex.	70.90	67.05	74.99	Del.	70.06	66.29	74.07
Wis.	72.48	69.15	76.04	Ind.	70.88	67.23	74.72	W. Va.	69.48	65.56	73.74
Conn.	72.48	69.04	75.94	Ohio	70.82	67.25	74.55	Alaska	69.31	66.05	74.03
Oreg.	72.13	68.43	76.20	Mo.	70.69	66.88	74.66	N.C.	69.21	64.94	73.78
S. Dak.	72.08	68.49	76.19	Ark.	70.66	66.68	74.97	Ala.	69.05	64.90	73.41
Colo.	72.06	68.40	75.43	Fla.	70.66	66.61	74.96	Nev.	69.03	65.60	73.32
R.I.	71.90	68.81	75.48	Mich.	70.63	67.09	74.48	La.	68.76	64.85	72.88
Idaho	71.87	68.20	76.10	Mont.	70.56	66.73	75.08	Ga.	68.54	64.27	73.01
Mass.	71.83	68.12	75.45	Ariz.	70.55	66.57	75.04	Miss.	68.09	64.06	72.40
				N.Y.	70.55	66.95	74.15	S.C.	67.96	63.85	72.29
				Pa.	70.43	66.90	74.06	D.C.	65.71	60.92	70.52

Source: U.S. National Center for Health Statistics, *U.S. Decennial Life Tables, 1969-71*, vol. II, DHEW Publication No. (HRA) 75-1151.

## No. 104. DEATHS AND DEATH RATES, BY SEX, RACE, AND AGE: 1950 TO 1977

[Rates are per 1,000 population for specified groups. 1950 excludes Alaska and Hawaii. Beginning 1970, excludes deaths of nonresidents of the U.S. Excludes fetal deaths. 1972 figures based on 50-percent sample of deaths. See Appendix III. Rates based on enumerated population as of Apr. 1 for 1950, 1960, and 1970, and July 1 estimates for other years. See text, p. 57. See also *Historical Statistics, Colonial Times to 1870*, series B 167-173 and B 181-192]

ITEM	1950	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977
<b>Deaths</b> .....1,000.....	1,452	1,712	1,828	1,921	1,928	1,964	1,973	1,934	1,893	1,909	1,900
Male.....1,000.....	828	976	1,085	1,078	1,077	1,096	1,097	1,072	1,051	1,052	1,046
Female.....1,000.....	625	736	793	843	850	868	876	863	842	857	853
<b>White</b> .....1,000.....	1,276	1,505	1,605	1,682	1,690	1,721	1,728	1,697	1,660	1,675	1,664
Male.....1,000.....	731	861	911	942	942	958	958	937	918	919	913
Female.....1,000.....	545	644	695	740	747	764	770	761	743	756	751
<b>Black and other</b> .....1,000.....	176	207	223	239	238	242	245	237	233	234	235
Male.....1,000.....	96	115	125	136	135	139	139	135	133	133	134
Female.....1,000.....	80	92	98	103	103	104	106	102	99	101	102
<b>Death rates</b> .....	9.6	9.5	9.4	9.5	9.3	9.4	9.4	9.2	8.9	8.9	8.8
Male.....	11.1	11.0	10.9	10.9	10.7	10.8	10.7	10.4	10.1	10.0	9.9
Female.....	8.2	8.1	8.0	8.1	8.0	8.1	8.1	8.0	7.7	7.8	7.7
<b>White</b> .....	9.5	9.5	9.4	9.5	9.3	9.5	9.4	9.2	9.0	9.0	8.9
Male.....	10.9	11.0	10.9	10.9	10.7	10.8	10.7	10.4	10.2	10.1	10.0
Female.....	8.0	8.0	8.0	8.1	8.1	8.2	8.2	8.1	7.8	7.9	7.8
<b>Black and other</b> .....	11.2	10.1	9.7	9.4	9.2	9.2	9.1	8.7	8.3	8.2	8.1
Male.....	12.5	11.5	11.2	11.2	10.8	11.0	10.8	10.4	10.0	9.8	9.7
Female.....	9.9	8.7	8.2	7.8	7.7	7.6	7.6	7.2	6.8	6.8	6.7
<b>Male, by age:</b>											
Under 1 year.....	37.3	30.6	27.9	24.1	21.4	20.6	20.3	19.7	18.3	17.6	16.6
1-4 years.....	1.5	1.2	1.0	.9	.9	.9	.9	.8	.8	.8	.8
5-14 years.....	.7	.6	.5	.5	.5	.5	.5	.5	.4	.4	.4
15-24 years.....	1.7	1.5	1.6	1.9	1.9	1.9	1.9	1.8	1.8	1.7	1.7
25-34 years.....	2.2	1.9	2.0	2.2	2.1	2.1	2.1	2.1	2.0	1.9	1.9
35-44 years.....	4.3	3.7	3.9	4.0	3.9	3.9	3.8	3.6	3.5	3.3	3.2
45-54 years.....	10.7	9.9	9.8	9.6	9.3	9.4	9.2	8.9	8.6	8.3	8.1
55-64 years.....	124.0	23.1	23.0	22.3	22.3	22.5	22.1	21.1	20.3	20.0	19.4
65-74 years.....	149.3	49.1	48.9	48.7	47.6	48.2	47.3	45.8	44.1	43.4	42.3
75-84 years.....	104.3	101.8	101.2	100.1	99.2	101.2	101.1	97.9	95.2	95.1	93.8
85 years and over.....	216.4	211.9	220.8	178.2	197.5	196.0	198.1	188.8	175.7	179.8	173.0
<b>Female, by age:</b>											
Under 1 year.....	28.5	23.2	21.3	18.6	16.6	15.9	15.7	15.3	14.4	14.2	13.0
1-4 years.....	1.3	1.0	.9	.8	.7	.7	.7	.7	.6	.6	.6
5-14 years.....	.5	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3
15-24 years.....	.9	.6	.6	.7	.7	.7	.7	.6	.6	.6	.6
25-34 years.....	1.4	1.1	1.1	1.0	1.0	1.0	.9	.9	.9	.8	.8
35-44 years.....	2.9	2.3	2.3	2.3	2.3	2.2	2.2	2.0	1.9	1.8	1.8
45-54 years.....	6.4	5.3	5.3	5.2	5.0	5.0	4.9	4.7	4.6	4.5	4.4
55-64 years.....	114.0	12.0	11.2	11.0	10.8	10.8	10.8	10.5	10.1	10.1	9.9
65-74 years.....	133.3	28.7	28.7	25.8	25.0	25.3	24.5	23.6	22.5	22.0	21.5
75-84 years.....	84.0	76.3	70.9	66.8	65.3	65.8	65.6	63.3	60.3	60.0	58.5
85 years and over.....	191.9	190.1	189.0	155.2	182.2	182.0	182.3	153.9	140.3	143.1	135.4

1 Based on population adjusted for age bias in the population for Black and other races, 55 to 69 years old.

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

NO. 105. DEATH RATES, BY RACE, SEX, AND AGE: 1970 AND 1977

[Number of deaths per 100,000 population. Excludes deaths of nonresidents of the U.S.]

AGE (in years)	1970			1977								
	All races	White	Black and other	All races			White			Black and other		
				Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
All ages <sup>1</sup> .....	945	946	938	878	994	768	888	998	783	813	967	673
Under 1.....	2,142	1,870	3,597	1,486	1,659	1,304	1,266	1,430	1,095	2,546	2,780	2,305
1-4.....	85	75	134	69	77	61	63	70	55	98	108	87
5-9.....	42	40	54	34	41	27	32	38	26	43	52	34
10-14.....	41	38	53	35	44	26	34	43	25	41	54	28
15-19.....	110	103	154	102	146	56	101	146	55	104	145	63
20-24.....	148	131	268	134	202	65	125	190	59	184	277	99
25-29.....	144	121	311	132	194	71	114	167	61	247	382	132
30-34.....	173	141	392	141	193	90	121	164	78	280	415	166
35-39.....	247	205	544	196	260	135	167	219	116	393	591	256
40-44.....	377	324	785	305	393	221	265	340	192	580	793	404
45-49.....	584	524	1,093	482	626	346	435	565	310	833	1,101	600
50-54.....	889	820	1,519	755	999	529	695	925	480	1,245	1,624	915
55-59.....	1,361	1,283	2,093	1,138	1,524	785	1,068	1,440	726	1,775	2,311	1,308
60-64.....	2,004	1,917	2,834	1,785	2,431	1,217	1,704	2,338	1,144	2,561	3,360	1,895
65-69.....	2,969	2,870	3,809	2,480	3,474	1,691	2,432	3,436	1,633	2,886	3,795	2,176
70-74.....	4,371	4,274	5,418	3,847	5,320	2,767	3,728	5,234	2,635	5,157	6,196	4,299
75-79.....	6,722	6,703	6,960	6,073	8,153	4,740	5,957	8,105	4,603	7,408	8,650	6,451
80-84.....	10,158	10,290	8,458	8,815	11,364	7,394	8,950	11,598	7,495	7,351	8,986	6,265
85 and over.....	16,345	16,890	10,750	14,726	17,299	13,542	15,292	18,042	14,040	9,596	11,286	8,674

<sup>1</sup> Includes unknown age.

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

NO. 106. DEATHS, BY RACE—STATES: 1970 TO 1977

[In thousands. By place of residence. Excludes deaths of nonresidents of the U.S.]

STATE	1970		1975		1977		STATE	1970		1975		1977	
	White	Black and other	White	Black and other	White	Black and other		White	Black and other	White	Black and other	White	Black and other
U.S.....	1,682	239	1,660	233	1,664	235	So. Atl.— Con.						
N. Eng.....	113	3	107	3	105	3	W. Va.....	19	1	18	1	18	1
Maine.....	(1)	(2)	10	(2)	10	(2)	N.C.....	33	12	34	12	35	12
N.H.....	7	(2)	7	(2)	7	(2)	S.C.....	15	8	16	8	16	8
Vt.....	4	(2)	4	(2)	4	(2)	Ga.....	29	13	30	12	30	12
Mass.....	56	1	53	1	50	1	Fla.....	64	11	76	11	81	11
R.I.....	9	(2)	9	(2)	9	(2)	E. So. Cent.	98	31	99	29	102	29
Conn.....	25	1	24	1	24	1	Ky.....	30	3	30	3	31	3
Mid. Atl.....	344	39	319	36	317	37	Tenn.....	31	7	32	7	32	7
N.Y.....	168	20	151	19	150	19	Ala.....	23	11	24	10	25	10
N.J.....	61	7	59	7	59	7	Miss.....	14	10	14	9	14	9
Pa.....	115	12	110	11	108	11	W. So. Cent.	143	33	149	32	151	32
E. No. Cent.	340	37	325	37	324	37	Ark.....	16	4	18	4	17	4
Ohio.....	91	10	87	9	88	9	La.....	22	12	23	11	23	12
Ind.....	45	3	43	3	44	3	Okla.....	24	3	24	3	24	3
Ill.....	97	14	90	14	90	14	Tex.....	80	14	85	14	86	14
Mich.....	67	9	65	9	65	9	Mt.	63	4	67	4	68	4
Wis.....	40	1	39	1	38	1	Mont.....	6	(2)	6	(2)	6	(2)
W. No. Cent.	156	8	150	8	147	8	Idaho.....	6	(2)	6	(2)	6	(2)
Minn.....	33	(2)	32	(2)	32	1	Wyo.....	3	(2)	3	(2)	3	(2)
Iowa.....	29	(2)	28	(2)	26	(2)	Colo.....	17	1	17	1	17	1
Mo.....	46	5	44	5	44	5	N. Mex.....	7	1	7	1	7	1
N. Dak.....	5	(2)	5	(2)	5	(2)	Ariz.....	13	1	16	1	16	2
S. Dak.....	6	(2)	6	(2)	6	(2)	Utah.....	7	(2)	7	(2)	7	(2)
Nebr.....	15	(2)	14	(2)	14	(2)	Nev.....	4	(2)	4	(2)	5	(2)
Kans.....	21	1	21	1	20	1	Pac.	203	18	207	20	206	21
So. Atl.....	223	67	236	65	243	66	Wash.....	29	1	29	1	29	1
Del.....	4	1	4	1	4	1	Oreg.....	19	(2)	20	(2)	20	(2)
Md.....	26	6	26	6	26	6	Calif.....	153	13	156	15	155	15
D.C.....	3	5	2	5	2	5	Alaska.....	1	(2)	1	(2)	1	1
Va.....	30	9	31	9	31	9	Hawaii.....	1	3	1	3	1	3

Z Fewer than 500.

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

## No. 107. DEATHS—NUMBER AND RATE, BY STATES: 1960 TO 1977

[By place of residence. Beginning 1970, excludes deaths of nonresidents of the U.S.]

STATE	NUMBER (1,000)							RATE PER 1,000 POPULATION <sup>1</sup>						
	1960	1965	1970	1974	1975	1976	1977	1960	1965	1970	1974	1975	1976	1977
U.S. ....	1,712	1,828	1,921	1,934	1,893	1,909	1,900	9.5	9.4	9.5	9.2	8.9	8.9	8.8
N.E. ....	112	117	116	114	110	112	108	10.6	10.5	9.8	9.4	9.1	9.1	8.8
Maine.....	11	11	11	11	10	10	10	11.1	10.9	11.1	10.2	9.7	9.8	9.3
N.H.....	7	7	7	8	7	7	7	11.0	10.9	10.0	9.6	8.8	9.0	8.6
Vt.....	4	5	4	4	4	4	4	11.4	11.6	10.0	9.4	9.1	9.0	8.7
Mass.....	57	59	57	56	54	54	52	11.0	11.0	10.1	9.7	9.3	9.3	9.0
R.I.....	9	10	9	9	9	9	9	10.5	10.9	10.0	9.7	9.6	9.9	9.7
Conn.....	24	26	26	26	26	26	26	9.4	9.1	8.6	8.5	8.3	8.4	8.2
M.A. ....	359	376	383	367	356	359	354	10.5	10.3	10.3	9.8	9.5	9.6	9.6
N.Y.....	178	185	188	177	170	173	169	10.6	10.2	10.3	9.8	9.4	9.5	9.4
N.J.....	69	65	68	67	65	66	66	9.8	9.6	9.5	9.2	9.0	8.9	9.0
Pa.....	121	126	127	123	121	121	119	10.7	10.9	10.8	10.4	10.2	10.2	10.1
E.N.C. ....	348	368	377	373	361	363	361	9.6	9.7	9.4	9.1	8.8	8.9	8.8
Ohio.....	93	98	100	99	96	96	97	9.6	9.6	9.4	9.2	9.0	9.0	9.1
Ind.....	45	48	49	48	47	47	47	9.7	9.8	9.3	9.1	8.8	8.8	8.8
Ill.....	103	108	111	108	104	104	103	10.2	10.2	10.0	9.7	9.3	9.2	9.2
Mich.....	68	74	76	76	75	76	74	8.7	9.0	8.6	8.4	8.1	8.3	8.1
Wis.....	38	40	41	41	40	40	39	9.7	9.7	9.2	8.9	8.7	8.7	8.5
W.N.C. ....	156	161	164	163	158	158	155	10.1	10.1	10.1	9.7	9.5	9.4	9.2
Minn.....	32	33	34	34	33	33	32	9.3	9.2	8.9	8.6	8.3	8.3	8.1
Iowa.....	29	29	29	29	28	28	27	10.4	10.7	10.4	10.1	9.8	9.7	9.3
Mo.....	48	50	52	51	49	49	49	11.2	11.2	11.1	10.6	10.3	10.3	10.2
N. Dak.....	5	6	6	6	5	6	6	8.6	8.5	9.1	9.1	8.7	8.6	8.0
S. Dak.....	7	7	7	7	6	7	6	9.7	9.3	9.9	9.6	9.5	9.8	9.1
Nebr.....	14	15	15	15	15	15	14	10.0	10.0	10.1	9.7	9.4	9.4	9.2
Kans.....	21	22	22	22	22	22	21	9.7	9.7	9.7	9.8	9.6	9.5	9.2
S.A. ....	236	262	280	307	301	305	309	9.1	9.1	9.5	9.3	8.9	9.0	9.0
Del.....	4	5	5	5	5	5	5	9.4	9.0	9.0	8.7	8.1	8.2	8.1
Md.....	28	31	33	33	32	33	32	9.0	8.8	8.4	8.1	7.8	7.9	7.8
D.C.....	9	9	9	8	7	7	7	11.5	11.3	11.7	10.9	10.4	10.4	10.4
Va.....	34	37	39	40	40	40	40	8.7	8.3	8.4	8.2	8.0	8.0	7.8
W. Va.....	18	19	20	20	20	20	19	9.7	10.6	11.5	10.9	10.8	10.8	10.4
N.C.....	38	42	45	46	46	46	47	8.4	8.5	8.8	8.6	8.4	8.4	8.4
S.C.....	21	22	23	24	23	24	24	8.7	8.5	8.8	8.7	8.3	8.3	8.4
Ga.....	35	38	42	43	41	42	43	9.0	8.8	9.1	8.8	8.4	8.4	8.5
Fla.....	48	59	75	88	87	90	92	9.7	10.2	11.0	10.9	10.4	10.6	10.9
E.S.C. ....	115	121	128	131	128	129	130	9.5	9.5	10.0	9.8	9.5	9.4	9.4
Ky.....	30	31	33	34	33	32	33	9.9	9.8	10.3	10.0	9.8	9.4	9.7
Tenn.....	33	35	38	39	39	39	39	9.2	9.1	9.7	9.5	9.2	9.2	9.1
Ala.....	30	33	34	35	34	34	35	9.3	9.4	9.8	9.7	9.3	9.3	9.4
Miss.....	22	23	23	23	23	23	23	10.0	9.8	10.5	10.0	9.7	9.8	9.6
W.S.C. ....	148	159	175	183	181	184	183	8.7	8.6	9.1	8.9	8.7	8.7	8.4
Ark.....	18	19	21	22	22	21	21	10.0	9.5	10.7	10.8	10.3	10.1	10.0
La.....	30	32	33	34	34	35	35	9.1	9.1	9.2	8.9	8.9	9.0	8.8
Okla.....	28	24	27	27	27	27	27	9.8	9.6	10.5	10.1	10.0	9.8	9.5
Tex.....	77	84	94	99	98	101	100	8.1	7.9	8.4	8.3	8.0	8.1	7.8
Mt. ....	55	60	66	71	71	72	72	8.1	7.8	8.0	7.5	7.3	7.3	7.2
Mont.....	7	7	7	7	7	7	6	9.7	9.3	9.5	8.9	8.7	9.0	8.4
Idaho.....	5	6	6	6	6	7	6	8.1	8.6	8.6	8.1	7.9	8.0	7.5
Wyo.....	3	3	3	3	3	3	3	8.5	8.3	8.8	8.8	8.2	8.1	7.5
Colo.....	15	16	17	18	17	18	18	8.7	8.2	7.9	7.2	6.9	7.0	6.8
N. Mex.....	7	7	7	8	8	8	8	6.9	6.6	7.3	7.2	7.0	7.0	6.8
Ariz.....	10	12	15	17	17	17	18	7.8	7.5	8.4	7.9	7.6	7.6	6.8
Utah.....	6	7	7	7	7	7	8	6.8	6.7	6.7	6.3	6.2	6.1	6.0
Nev.....	3	3	4	4	4	4	5	8.9	7.3	7.9	7.6	7.6	7.5	7.7
Pac. ....	184	204	221	226	227	228	227	8.7	8.3	8.3	8.1	8.0	7.9	7.8
Wash.....	27	27	30	30	30	30	30	9.3	9.2	8.8	8.6	8.4	8.4	8.2
Oreg.....	17	18	20	20	20	20	20	9.5	9.6	9.3	9.0	8.8	8.8	8.6
Calif.....	136	153	166	170	171	171	170	8.6	8.2	8.3	8.2	8.1	7.9	7.8
Alaska.....	1	1	1	1	1	2	2	5.8	5.3	4.8	4.4	4.3	4.2	4.0
Hawaii.....	4	4	4	4	4	4	4	5.6	5.1	5.2	5.1	5.0	5.0	5.0

<sup>1</sup> Based on population (excluding Armed Forces abroad) enumerated as of Apr. 1 for 1960 and 1970, and estimated as of July 1 for other years.

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

**NO. 108. INFANT, MATERNAL, AND NEONATAL DEATH RATES, AND FETAL DEATH RATIOS, BY RACE: 1940 TO 1977**

[Deaths per 1,000 live births, except as noted. Prior to 1960, excludes Alaska and Hawaii. Beginning 1970, excludes deaths of nonresidents of U.S. See also *Historical Statistics, Colonial Times to 1970*, series B 136-147]

ITEM	1940	1950	1960	1965	1970	1971	1972 <sup>1</sup>	1973	1974	1975	1976	1977
<b>Infant deaths<sup>2</sup></b> -----	47.0	29.2	26.0	24.7	20.0	19.1	18.5	17.7	16.7	16.1	15.2	14.1
White-----	43.2	26.8	22.9	21.5	17.8	17.1	16.4	15.8	14.8	14.2	13.3	12.3
Black and other..	73.8	44.5	43.2	40.3	30.9	28.5	27.7	26.2	24.9	24.2	23.5	21.7
<b>Maternal deaths<sup>3</sup></b> -----	376.0	83.3	37.1	31.6	21.5	18.8	18.8	15.2	14.6	12.8	12.3	11.2
White-----	319.8	61.1	26.0	21.0	14.4	13.0	14.3	10.7	10.0	9.1	9.0	7.7
Black and other..	773.5	221.6	97.9	83.7	55.9	45.3	38.5	34.6	35.1	29.0	26.5	26.0
<b>Fetal deaths<sup>4</sup></b> -----	(NA)	19.2	16.1	16.2	14.2	13.4	12.7	12.2	11.5	10.7	10.5	9.8
White-----	(NA)	17.1	14.1	13.9	12.4	11.8	11.2	10.8	10.2	9.5	9.3	8.7
Black and other..	(NA)	32.5	26.8	27.2	22.6	21.2	19.5	18.6	17.0	16.0	15.2	14.6
<b>Neonatal deaths<sup>5</sup></b> -----	28.8	20.5	18.7	17.7	15.1	14.2	13.6	13.0	12.3	11.6	10.9	9.9
White-----	27.2	19.4	17.2	16.1	13.8	13.0	12.4	11.8	11.1	10.4	9.7	8.7
Black and other..	39.7	27.5	26.9	25.4	21.4	19.6	19.2	17.9	17.2	16.8	16.3	14.7

NA Not available. <sup>1</sup> Based on a 50-percent sample of deaths.  
<sup>2</sup> Represents deaths of infants under 1 year old, exclusive of fetal deaths.  
<sup>3</sup> Per 100,000 live births from deliveries and complications of pregnancy, childbirth, and the puerperium. For 1970-1977, deaths are classified according to eighth revision of *International Classification of Diseases, Adapted for Use in the United States*; in prior years classified according to the revision of the International Classification of Diseases in use at the time.  
<sup>4</sup> Beginning 1970, includes only those deaths with stated or presumed period of gestation of 20 weeks or more; for prior years, includes gestational age not stated. <sup>5</sup> Represents deaths of infants under 28 days old, exclusive of fetal deaths.

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

**NO. 109. INFANT DEATH RATES—STATES: 1960 TO 1977**

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

STATE	1960		1970		1977		STATE	1960		1970		1977	
	White	Black and other	White	Black and other	White	Black and other		White	Black and other	White	Black and other	White	Black and other
U.S.-----	22.9	43.2	17.8	30.9	12.3	21.7	So. Atl.— Con.						
N. Eng.-----	21.7	35.2	16.8	30.3	11.3	19.1	W. Va.-----	24.8	37.7	22.8	27.7	14.3	20.9
Maine-----	25.7	12.9	21.0	25.0	9.6	14.1	N.C.-----	22.3	52.4	19.3	36.1	12.2	23.3
N.H.-----	23.7	10.6	18.0	20.5	10.2	16.2	S.C.-----	23.9	48.5	18.2	31.1	13.1	24.2
Vt.-----	24.2	-	17.6	19.2	10.0	-	Ga.-----	24.6	48.1	17.2	32.9	12.5	20.4
Mass.-----	21.1	34.4	16.0	31.4	11.6	16.7	Fla.-----	23.6	46.1	17.8	33.2	12.2	24.0
R.I.-----	22.4	44.4	19.3	27.7	11.2	24.0	E. So. Cent.	25.6	48.4	18.7	35.2	13.3	23.5
Conn.-----	20.0	36.9	15.5	30.4	12.2	22.2	Ky.-----	26.0	48.3	18.8	27.8	13.7	21.0
Mid. Atl.-----	22.0	41.4	17.3	31.7	12.3	22.4	Tenn.-----	25.3	43.5	18.8	30.6	13.3	22.6
N.Y.-----	21.5	41.6	16.9	30.2	12.3	21.7	Ala.-----	24.9	46.0	18.6	36.0	13.4	23.6
N.J.-----	21.9	41.7	16.9	33.0	11.8	24.0	Miss.-----	26.6	54.3	18.7	39.2	12.1	24.0
Pa.-----	22.6	40.6	18.2	34.2	12.6	22.9	W. So. Cent.	24.9	44.3	19.5	31.4	13.1	23.2
E. No. Cent.	22.1	39.4	17.8	31.0	12.5	23.4	Ark.-----	22.5	38.7	18.3	31.1	12.3	24.4
Ohio-----	22.2	39.4	17.2	28.7	12.7	21.0	La.-----	22.6	46.9	19.8	32.3	12.4	26.2
Ind.-----	22.6	37.7	18.5	27.8	13.3	21.6	Okla.-----	22.7	42.8	20.3	26.3	12.7	17.7
Ill.-----	22.2	39.6	18.3	33.6	13.0	26.1	Tex.-----	26.3	43.9	19.6	31.8	13.4	21.7
Mich.-----	22.1	40.4	18.6	30.4	12.2	23.1	Mt.-----	25.7	51.7	18.1	27.0	11.9	17.1
Wis.-----	21.2	35.3	16.0	29.8	10.8	17.8	Mont.-----	24.2	34.5	21.2	24.7	13.6	14.7
W. No. Cent.	21.7	42.5	17.3	31.4	12.2	21.6	Idaho-----	22.7	33.3	17.3	11.6	11.3	10.9
Minn.-----	21.6	22.6	17.3	24.0	10.8	17.0	Wyo.-----	27.5	48.6	19.6	27.6	13.9	13.1
Iowa.-----	21.7	35.2	18.3	31.4	12.2	18.0	Colo.-----	29.4	44.0	19.7	23.5	11.9	14.3
Mo.-----	21.4	45.4	17.0	33.4	12.4	23.6	N. Mex.-----	30.9	52.8	19.5	28.9	12.9	18.7
N. Dak.-----	24.1	43.3	14.3	14.3	12.6	27.3	Ariz.-----	26.6	60.8	16.0	28.0	12.4	19.3
S. Dak.-----	24.2	76.0	16.7	37.3	14.8	26.4	Utah.-----	18.8	54.0	14.9	17.5	9.9	14.6
Neb.-----	21.3	34.3	18.5	34.6	12.6	14.2	Nev.-----	29.6	33.9	22.2	37.0	13.5	16.4
Kans.-----	21.3	33.4	16.7	27.5	12.8	19.4	Pac.-----	22.6	30.5	16.7	21.9	11.6	14.4
So. Atl.-----	23.6	47.2	18.0	32.6	12.6	23.0	Wash.-----	22.7	36.7	18.1	26.4	11.9	14.1
Del.-----	17.8	50.6	16.3	31.6	11.4	20.8	Oreg.-----	23.0	29.2	16.0	14.1	12.0	14.7
Md.-----	22.3	44.6	16.4	29.0	11.5	20.6	Calif.-----	22.5	29.7	16.5	22.1	11.4	15.0
D.C.-----	29.4	39.6	26.3	29.5	15.0	29.7	Alaska-----	27.9	68.2	20.3	29.0	14.7	16.3
Va.-----	24.6	45.5	17.0	33.3	13.3	23.4	Hawaii-----	21.5	24.0	17.8	18.9	10.5	11.8

- Represents zero. <sup>1</sup> Based on a frequency of less than 20 deaths.  
 Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual.

NO. 110. DEATH RATES, 1960 TO 1977, AND DEATHS, 1970 TO 1977, FROM SELECTED CAUSES

[Beginning 1970, excludes deaths of nonresidents of the U.S. For 1960, causes of death classified according to seventh revision of *International Classification of Diseases*; beginning 1970, to eighth revision. See also *Historical Statistics, Colonial Times to 1970*, series B149-166]

CAUSE OF DEATH	DEATHS RATES PER 100,000 POPULATION <sup>1</sup>							DEATHS (1,000)			
	1960	1970	1973	1974	1975	1976	1977	1970	1975	1976	1977
All causes.....	954.7	945.3	940.2	915.1	888.5	889.6	878.1	1,921.0	1,892.9	1,909.4	1,899.6
Major cardiovascular diseases.....	515.1	496.0	494.4	478.2	455.8	454.0	444.5	1,008.0	971.0	974.4	961.5
Diseases of heart.....	369.0	362.0	360.8	349.2	336.2	337.2	332.3	735.6	716.2	723.9	718.9
Percent of total.....	38.3	38.3	38.4	38.2	37.8	37.9	37.8	38.3	37.8	37.9	37.8
Active rheumatic fever and chronic rheumatic heart disease.....	10.3	7.3	6.5	6.3	6.1	6.1	5.9	14.9	12.9	13.1	12.8
Hypertensive heart disease <sup>2</sup> .....	37.0	7.4	6.1	5.7	5.2	5.0	4.8	15.0	11.0	10.7	10.4
Ischemic heart disease.....		328.1	326.0	314.5	301.7	301.0	295.1	666.7	642.7	646.1	638.4
Chronic disease of endocardium and other myocardial insufficiency.....	321.8										
All other forms of heart disease.....		15.9	19.7	20.4	21.2	23.2	24.6	32.3	45.1	49.8	53.2
Hypertension.....	7.1	4.1	3.5	3.3	3.0	2.9	2.6	8.3	6.3	6.1	5.7
Cerebrovascular diseases.....	108.0	101.9	102.1	98.1	91.1	87.9	84.1	207.2	194.0	188.6	181.0
Arteriosclerosis.....	20.0	15.6	15.5	15.3	13.6	13.7	13.3	31.7	28.9	29.4	28.8
Other.....	11.0	12.5	12.4	12.4	12.0	12.3	12.2	25.3	25.6	26.4	26.3
Malignancies.....	149.2	162.8	167.3	170.5	171.7	175.8	178.7	330.7	365.7	377.3	386.7
Percent of total.....	15.6	17.2	17.8	18.6	19.3	19.8	20.4	17.2	19.3	19.8	20.4
Accidents.....	52.3	56.4	55.2	49.5	48.4	46.9	47.7	114.6	103.0	100.8	103.2
Motor vehicle.....	21.3	26.9	26.5	22.0	21.5	21.9	22.9	54.6	45.9	47.0	49.5
Falls.....	10.6	8.3	7.9	7.7	7.0	6.6	6.4	16.9	14.7	14.1	13.8
Drowning.....	2.9	3.1	3.4	3.1	3.1	2.6	2.8	6.4	6.6	5.6	6.0
All other.....	17.5	18.1	17.4	16.7	16.7	15.8	15.7	36.7	35.9	33.9	34.0
Influenza and pneumonia.....	37.3	30.9	29.8	25.9	26.1	28.8	23.7	62.7	55.7	61.9	51.2
Influenza.....	4.4	1.8	2.4	1.0	2.0	3.7	.6	3.7	4.3	7.9	1.3
Pneumonia.....	32.9	29.0	27.4	24.9	24.1	25.2	23.1	59.0	51.4	54.0	49.9
Diabetes mellitus.....	16.7	18.9	18.2	17.7	16.5	16.1	15.2	33.3	35.2	34.5	33.0
Cirrhosis of liver.....	11.3	15.5	15.9	15.8	14.8	14.7	14.3	31.4	31.6	31.5	30.8
Certain diseases of early infancy.....	37.4	21.3	14.5	13.6	12.5	11.6	10.8	43.2	26.6	24.8	23.4
Bronchitis, emphysema, and asthma.....	(4)	15.2	14.2	12.7	12.0	11.4	10.3	30.9	25.5	24.4	22.4
Chronic and unqualified bronchitis.....	(4)	2.9	2.6	2.4	2.2	2.2	2.0	5.8	4.7	4.6	4.3
Emphysema.....	(4)	11.2	10.6	9.4	8.8	8.3	7.6	22.7	18.8	17.8	16.7
Asthma.....	3.0	1.1	.9	.9	.9	.9	.8	2.3	2.0	2.0	1.7
Suicide.....	10.6	11.6	12.0	12.1	12.7	12.5	13.3	23.5	27.1	26.8	28.7
Homicide.....	4.7	8.3	9.8	10.2	10.0	9.1	9.2	16.8	21.3	19.6	20.0
Congenital anomalies.....	12.2	8.3	6.7	6.4	6.2	6.1	6.0	16.8	13.2	13.0	13.0
Peptic ulcer.....	6.3	4.2	3.7	3.3	3.2	3.0	2.7	8.6	6.7	6.4	5.9
Hernia and intestinal obstruction.....	5.1	3.6	3.2	3.1	2.9	2.8	2.6	7.2	6.2	5.9	5.7
Nephritis and nephrosis.....	7.6	4.4	4.0	3.8	3.8	4.0	3.9	8.9	8.1	8.5	8.5
Infections of kidney.....	4.3	4.0	2.9	2.6	2.1	1.9	1.7	8.2	4.5	4.0	3.7
Tuberculosis, all forms.....	6.1	2.6	1.8	1.7	1.6	1.5	1.4	5.2	3.3	3.1	3.0
Cholelithiasis, cholecystitis, and cholangitis.....	2.6	2.0	1.6	1.5	1.4	1.4	1.4	4.0	3.0	3.0	3.0
Enteritis and other.....	(4)	1.3	1.1	1.1	.9	.9	.9	2.6	2.0	1.9	1.9
Hyperplasia of prostate.....	2.5	1.1	.8	.7	.6	.5	.5	2.2	1.2	1.1	1.0
Meningitis.....	1.3	.8	.7	.7	.8	.7	.7	1.7	1.6	1.6	1.5
Acute bronchitis and bronchiolitis.....	(4)	.6	.4	.4	.3	.4	.3	1.3	.7	.9	.7
Syphilis and its sequelae.....	1.6	.2	.2	.1	.1	.1	.1	.5	.3	.2	.2
Infective hepatitis.....	.5	.5	.3	.3	.3	.3	.2	1.0	.6	.6	.5
Other infective and parasitic diseases.....	3.7	3.6	4.0	4.3	4.6	5.0	5.3	7.4	9.7	10.7	11.4
Ill-defined symptoms and conditions.....	11.4	12.7	14.5	14.7	14.9	14.3	14.9	25.8	31.8	30.8	32.1
All other causes.....	51.9	58.8	63.0	64.2	64.4	66.0	67.8	119.5	137.1	141.8	146.6

<sup>1</sup> Based on resident population enumerated as of Apr. 1 for 1960 and 1970, and estimated as of July 1 for other years. <sup>2</sup> With or without renal disease. <sup>3</sup> Excludes pneumonia of newborn.

<sup>4</sup> Included in "All other causes." Comparable data not available separately.

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

No. III. DEATH RATES, BY CAUSE, SEX, AND AGE—STATES: 1977

[Rates per 100,000 estimated midyear population in each area. By place of residence. Excludes nonresidents of U.S. Causes of death classified according to eighth revision of the *International Classification of Diseases*]

STATE, SEX, AND AGE	Dis-eases of heart	Malignant neoplasms	Cerebro-vascular diseases	Acci-dents	Pneu-monia, flu	Dia-betes mellitus	Cirrho-sis of liver	Arterio-scle-rosis	Sui-cide	Early infancy diseases
U.S.-----	332.3	178.7	84.1	47.7	23.7	15.2	14.3	13.3	13.3	10.8
Male-----	376.7	200.0	73.5	68.4	26.2	13.0	19.2	11.1	20.1	12.8
15-24 yr.-----	3.1	8.1	1.2	97.5	1.5	.3	.4	-	21.8	(X)
25-44 yr.-----	38.8	27.6	6.2	66.8	3.7	2.7	11.0	.1	25.4	(X)
45-64 yr.-----	536.7	341.3	59.1	65.4	21.1	18.4	54.7	4.1	27.3	(X)
65 yr. and over.	2,839.8	1,338.3	655.5	131.2	214.0	93.2	56.0	112.5	38.5	(X)
Female----	290.2	158.6	94.1	28.1	21.2	17.4	9.6	15.4	6.8	9.0
15-24 yr.-----	1.9	4.9	1.1	27.1	1.0	.4	.3	-	5.3	(X)
25-44 yr.-----	12.6	31.6	6.0	17.1	2.3	2.1	5.7	-	9.5	(X)
45-64 yr.-----	180.2	267.2	46.2	23.9	9.9	17.2	24.9	2.1	11.6	(X)
65 yr. and over.	1,986.4	748.1	659.9	82.9	139.2	105.4	23.5	119.3	7.8	(X)
N. Eng.-----	347.0	199.5	78.3	36.2	26.7	16.0	15.3	14.4	10.5	7.6
Maine-----	370.8	200.7	87.0	40.7	25.1	13.5	14.6	15.9	12.9	5.3
N.H.-----	313.9	188.1	78.2	38.3	23.6	17.9	16.6	22.7	14.1	7.2
Vt.-----	321.3	184.5	79.5	45.1	26.5	13.5	9.5	20.9	13.5	7.2
Mass.-----	353.2	198.5	78.9	36.6	32.5	16.7	15.8	12.8	9.6	7.7
R.I.-----	404.3	237.9	81.5	38.4	15.4	19.8	16.8	13.7	14.9	7.1
Conn.-----	322.8	194.8	72.9	31.1	20.5	14.3	14.6	13.6	8.6	8.6
Mid. Atl.-----	395.3	203.8	77.4	35.6	26.5	17.9	17.5	11.8	9.8	10.2
N.Y.-----	391.7	203.5	72.1	32.0	30.1	18.0	20.2	10.7	9.1	10.4
N.J.-----	377.7	202.7	74.3	33.7	22.5	17.3	16.3	9.0	8.2	9.9
Pa.-----	411.7	205.0	87.3	42.3	23.5	18.3	14.3	15.2	11.9	10.0
E. No. Cent.-----	350.6	177.7	84.5	42.7	22.3	17.1	13.3	14.9	12.5	11.2
Ohio-----	359.2	184.0	87.5	40.2	21.8	18.3	11.9	16.8	13.1	10.8
Ind.-----	336.7	172.5	98.3	48.8	21.3	18.7	10.5	20.4	13.0	11.1
Ill.-----	381.9	185.2	81.8	42.6	26.2	15.6	15.8	12.1	10.4	13.3
Mich.-----	316.8	165.8	74.8	43.3	18.2	17.7	14.9	12.7	14.0	11.3
Wis.-----	337.5	174.9	87.1	40.7	22.8	15.1	10.2	15.5	12.8	7.1
W. No. Cent.-----	350.3	180.8	96.8	50.2	26.6	15.4	10.1	17.4	12.0	10.5
Minn.-----	307.7	168.1	87.6	46.4	24.7	11.3	9.4	14.7	11.6	8.2
Iowa-----	371.4	185.3	101.4	46.2	28.6	16.3	9.3	19.6	11.7	10.2
Mo.-----	383.7	198.6	105.4	51.7	27.5	18.0	11.2	16.3	13.1	11.2
N. Dak.-----	301.2	151.0	75.8	58.8	23.6	14.9	9.2	17.5	10.6	13.0
S. Dak.-----	355.6	174.6	93.3	64.4	26.1	16.1	12.3	13.1	10.4	15.8
Nebr.-----	338.1	182.2	101.2	50.8	28.6	13.6	11.0	22.9	10.4	9.7
Kans.-----	348.4	179.8	92.8	61.3	24.8	17.0	9.3	19.6	12.6	11.8
So. Atl.-----	331.7	180.8	89.1	51.9	23.7	15.3	15.0	12.0	14.6	12.0
Del.-----	333.7	179.0	54.8	41.2	16.0	19.1	18.0	12.7	13.1	10.5
Md.-----	301.0	177.2	56.8	36.9	15.9	15.1	13.5	9.9	12.1	11.0
D.C.-----	320.3	230.6	81.2	45.2	31.0	17.4	46.5	24.6	9.1	26.7
Va.-----	282.4	156.2	75.2	50.7	21.8	12.3	10.5	11.9	15.6	12.0
W. Va.-----	426.1	192.6	90.4	57.0	28.6	17.9	15.4	14.6	12.1	12.4
N.C.-----	307.1	155.4	90.9	56.1	24.3	15.0	13.2	11.2	13.1	12.3
S.C.-----	300.5	147.7	93.3	62.9	23.6	16.6	10.5	7.9	12.3	16.2
Ga.-----	298.0	147.1	98.9	60.2	26.6	14.3	11.1	10.0	13.9	11.3
Fla.-----	403.5	239.1	107.5	48.5	25.5	16.7	20.7	14.6	18.4	10.1
E. So. Cent.-----	332.7	173.1	106.8	62.4	25.1	17.8	9.3	12.7	12.3	13.0
Ky.-----	374.2	181.8	105.0	62.0	27.6	15.8	9.8	14.3	13.7	11.7
Tenn.-----	334.3	174.3	105.8	57.3	24.7	13.0	9.6	13.3	13.7	11.2
Ala.-----	303.6	169.0	109.1	66.7	23.8	17.3	9.6	11.4	10.7	13.0
Miss.-----	314.9	164.9	107.5	65.6	24.2	15.6	7.6	11.4	10.3	18.2
W. So. Cent.-----	294.4	160.9	88.4	56.2	22.7	14.2	10.6	13.5	13.6	13.4
Ark.-----	365.8	185.8	122.9	55.6	25.7	14.5	7.6	13.1	11.7	11.8
La.-----	318.0	167.5	87.7	61.7	21.6	19.3	10.3	15.2	12.6	17.9
Okla.-----	354.4	182.2	100.4	60.2	27.9	14.6	12.1	15.2	15.3	10.1
Tex.-----	262.2	150.1	80.2	53.8	21.5	12.5	10.9	12.7	13.8	13.0
Mt.-----	231.6	134.6	60.3	64.4	21.2	11.5	13.1	11.8	19.5	10.6
Mont.-----	280.6	156.4	76.5	75.0	20.6	11.7	12.7	18.9	18.4	11.2
Idaho-----	241.7	136.9	73.6	74.1	19.5	13.3	10.3	16.3	16.6	8.9
Wyo.-----	246.3	136.2	62.1	85.2	22.7	12.8	11.6	9.6	20.3	11.8
Colo.-----	232.5	126.1	56.6	62.9	24.2	9.5	10.7	13.8	15.2	8.2
N. Mex.-----	168.6	119.4	52.9	76.6	20.0	11.6	14.4	7.8	19.0	13.0
Ariz.-----	254.6	155.6	62.1	67.4	22.9	11.7	15.9	9.6	21.5	11.4
Utah-----	198.4	99.0	53.2	50.9	17.4	13.1	8.8	8.3	13.6	12.2
Nev.-----	248.3	162.9	59.2	66.0	15.2	13.0	24.3	12.8	30.5	9.8
Pac.-----	273.3	167.1	75.6	49.5	19.9	10.5	18.0	12.2	17.1	8.3
Wash.-----	293.0	175.6	79.0	55.3	22.3	12.8	13.4	16.1	14.5	7.8
Ordg.-----	304.8	177.2	87.8	58.0	23.4	11.5	15.1	19.1	16.6	8.0
Calif.-----	275.3	168.3	76.2	47.6	19.4	10.2	19.7	11.3	17.7	8.3
Alaska-----	77.9	60.0	17.7	97.8	9.3	2.2	10.1	4.2	20.9	9.6
Hawaii-----	149.4	125.0	39.9	29.4	17.0	9.7	8.3	2.8	12.8	10.2

- Represents zero. X Not applicable.

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

**NO. 112. DEATH RATES FROM HEART DISEASE, BY SEX, AGE, AND SELECTED TYPE: 1950 TO 1977**

 [Deaths per 100,000 population in specified age groups. Beginning 1970, based on the eighth revision of the *International Classification of Diseases, Adapted for Use in the United States*]

AGE AT DEATH AND SELECTED TYPE OF HEART DISEASE	MALE					FEMALE				
	1950	1960	1970	1975	1977	1950	1960	1970	1975	1977
<b>Total U.S. rate.....</b>	<b>424.7</b>	<b>439.5</b>	<b>422.5</b>	<b>385.2</b>	<b>376.7</b>	<b>289.7</b>	<b>300.6</b>	<b>304.5</b>	<b>289.7</b>	<b>290.2</b>
25-44 years.....	70.2	67.6	57.3	42.4	38.8	36.2	25.2	19.5	13.9	12.6
45-54 years.....	441.2	420.4	376.4	326.7	307.5	177.8	127.5	109.9	91.3	87.7
55-64 years.....	1,100.6	1,066.9	987.2	860.2	805.5	507.0	429.4	351.6	300.0	284.1
65 years and over.....	3,269.3	3,314.7	3,258.0	3,933.0	2,839.8	2,496.3	2,415.6	2,268.2	2,036.7	1,986.4
<b>Persons 45-54 years:</b>										
Ischemic heart.....	316.6	347.1	338.0	292.3	272.2	76.0	72.4	84.0	70.9	66.9
Rheumatic heart.....	24.3	19.9	11.4	7.3	6.0	23.8	19.5	10.6	6.1	5.9
Hypertensive heart.....	48.0	23.9	4.6	2.9	2.9	48.7	21.5	4.0	2.2	2.1
<b>Persons 55-64 years:</b>										
Ischemic heart.....	792.9	885.2	904.6	779.1	721.7	275.0	295.6	299.1	262.9	237.3
Rheumatic heart.....	35.0	29.0	21.5	16.2	14.1	30.5	28.4	20.8	15.3	13.2
Hypertensive heart.....	128.2	71.2	11.7	8.1	7.5	119.0	63.9	9.1	6.1	5.3
<b>Persons 65 years and over:</b>										
Ischemic heart.....	2,041.1	2,586.4	3,022.5	2,684.3	2,570.6	1,334.0	1,691.2	2,071.5	1,841.3	1,778.7
Rheumatic heart.....	58.3	32.9	32.9	30.5	31.7	52.6	34.8	32.3	31.8	32.4
Hypertensive heart.....	442.4	268.5	54.9	36.2	33.3	487.9	321.2	60.0	41.2	36.0

**NO. 113. DEATH RATES FROM CANCER, BY SEX, AGE, AND TYPE OF CANCER: 1940 TO 1977**

[Deaths per 100,000 population in the specified age groups. Beginning 1970, excludes deaths of nonresidents of the United States]

AGE AT DEATH AND SELECTED TYPE OF CANCER	MALE						FEMALE					
	1940	1950	1960	1970	1975	1977	1940	1950	1960	1970	1975	1977
<b>Total U.S. rate.....</b>	<b>114.1</b>	<b>142.9</b>	<b>162.5</b>	<b>182.1</b>	<b>192.3</b>	<b>200.0</b>	<b>126.4</b>	<b>136.8</b>	<b>136.4</b>	<b>144.4</b>	<b>152.1</b>	<b>158.6</b>
25-44 years.....	24.6	31.0	34.2	33.9	28.7	27.6	50.3	49.1	45.8	40.3	33.4	31.6
45-54 years.....	135.3	156.2	170.8	183.5	187.4	188.4	204.1	194.0	183.0	181.5	176.6	176.9
55-64 years.....	352.2	413.1	459.9	511.8	512.3	520.7	384.1	368.2	337.7	343.2	357.7	368.6
65 years and over.....	896.2	966.9	1,066.2	1,221.2	1,301.1	1,338.3	792.3	755.7	709.1	708.3	725.2	748.1
<b>Persons, 45-54 years old:</b>												
Respiratory system.....	23.3	39.3	54.7	72.1	78.2	80.3	6.2	6.7	10.1	22.2	28.1	31.4
Digestive organs, peritoneum.....	70.7	59.9	53.2	45.9	44.8	43.8	58.6	47.0	38.9	32.5	29.7	28.8
Breast.....	.3	.4	.2	.4	.2	.3	47.5	46.9	51.4	52.6	50.4	52.0
Genital organs.....	5.6	4.8	4.0	3.4	3.3	3.0	69.2	59.0	44.8	34.4	29.9	26.3
Lymphatic and hema- topoietic tissues, excl. leukemia.....	(NA)	9.7	11.6	12.8	11.0	10.2	(NA)	5.7	7.1	8.3	7.4	7.5
Urinary organs.....	9.1	8.7	8.3	8.0	8.1	8.6	4.5	3.8	3.5	3.5	3.3	3.4
Mouth, throat, and pharynx.....	6.0	6.3	7.9	7.9	8.2	8.2	1.6	1.8	2.8	2.8	3.0	2.8
Leukemia.....	5.6	6.5	7.2	6.6	5.9	6.1	4.6	5.1	5.3	4.9	4.4	4.2
<b>Persons, 55-64 years old:</b>												
Respiratory system.....	45.7	94.2	150.2	202.3	214.1	217.6	12.6	15.4	17.0	38.9	58.3	65.1
Digestive organs, peritoneum.....	195.3	174.8	153.7	139.0	129.5	131.9	149.1	125.1	102.2	86.0	83.5	81.9
Breast.....	.8	.8	1.0	.6	.8	.8	74.9	69.9	70.8	77.6	79.2	83.0
Genital organs.....	30.7	26.2	23.5	22.8	23.3	24.8	100.9	87.4	73.0	58.2	53.0	53.5
Lymphatic and hema- topoietic tissues, excl. leukemia.....	(NA)	18.2	23.1	27.1	26.7	26.1	(NA)	11.5	15.7	17.7	17.5	18.4
Urinary organs.....	23.7	26.9	25.9	26.4	24.8	23.9	11.8	11.2	9.3	9.4	9.0	9.3
Mouth, throat, and pharynx.....	18.1	16.2	16.3	20.1	18.9	19.1	3.0	3.3	3.8	6.2	6.8	6.9
Leukemia.....	10.6	14.1	16.1	15.4	14.9	14.8	7.5	10.1	10.6	9.0	8.6	8.6

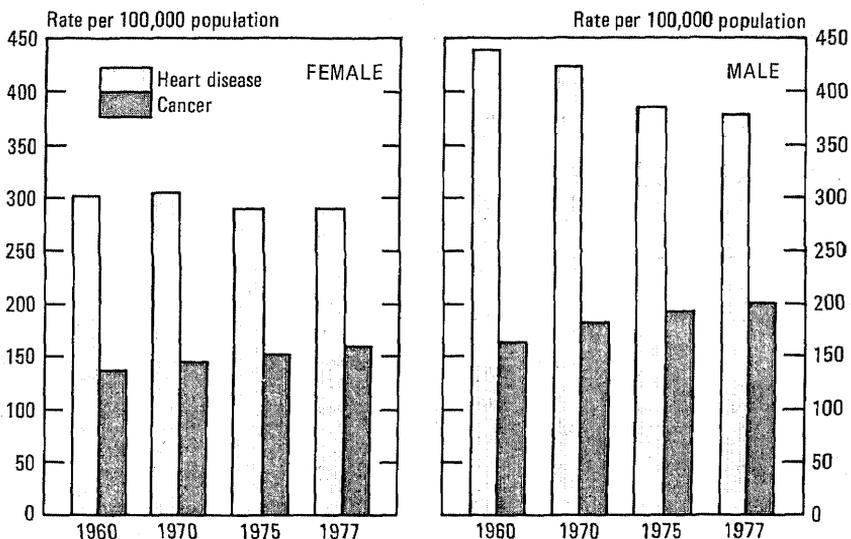
NA Not available.

 Source of tables 112 and 113: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual; and unpublished data.

Figure 2.4

**Death Rates from Heart Disease and Cancer: 1960 to 1977**

(See tables 112 and 113)



Source: Chart prepared by U.S. Bureau of the Census.  
Data from U.S. National Center for Health Statistics.

**NO. 114. DEATH RATES FROM ACCIDENTS AND VIOLENCE: 1950 TO 1977**

[Death rates per 100,000 population. Beginning 1970, excludes deaths of nonresidents of the U.S. Deaths classified according to the revision of the *International Classification of Diseases, Adapted for Use in the United States*, in use at the time (beginning 1970, based on the eighth revision)]

SEX, CAUSE OF DEATH, AND AGE	WHITE					BLACK AND OTHER				
	1950	1960	1970	1975	1977	1950	1960	1970	1975	1977
<b>Male, total</b> .....	105.4	91.3	101.9	96.9	96.8	156.4	136.6	174.3	157.3	144.2
Motor vehicle accidents.....	35.1	31.5	39.1	32.2	34.1	38.2	34.4	44.3	33.8	33.8
All other accidents.....	47.4	38.6	38.2	35.5	32.7	65.7	60.6	60.7	50.2	45.4
Suicide.....	19.0	17.6	18.0	20.1	21.4	7.0	7.2	8.5	10.6	11.4
Homicide.....	3.9	3.6	6.8	9.1	8.7	45.5	34.5	60.8	62.6	53.6
15-24 years.....	102.1	105.2	130.7	129.7	135.4	159.2	147.8	224.3	179.5	157.6
25-44 years.....	95.9	88.5	107.1	103.4	102.5	213.7	200.1	275.4	256.4	230.1
45-64 years.....	134.3	118.6	121.4	104.0	98.0	193.6	185.1	236.8	203.3	184.8
65 years and over.....	288.1	223.5	216.9	185.3	176.5	223.8	202.0	218.0	200.5	188.4
<b>Female, total</b> .....	43.2	38.3	42.4	38.3	38.6	52.8	50.6	50.7	45.0	42.1
Motor vehicle accidents.....	10.9	11.2	14.8	11.4	12.7	10.8	10.1	13.9	10.0	9.8
All other accidents.....	25.4	20.4	18.3	16.7	15.7	29.1	28.6	21.6	17.9	16.8
Suicide.....	5.5	5.3	7.1	7.4	7.3	1.7	2.0	2.9	3.3	3.5
Homicide.....	1.4	1.4	2.1	2.9	2.9	11.2	9.9	12.3	13.8	12.0
15-24 years.....	21.6	23.5	34.9	33.1	37.7	39.6	32.4	45.9	43.2	41.5
25-44 years.....	23.5	24.0	33.6	31.1	30.5	51.9	51.0	58.7	52.8	46.5
45-64 years.....	38.8	37.7	44.6	38.2	37.9	46.9	54.7	54.7	50.8	48.2
65 years and over.....	212.9	149.1	122.4	100.7	94.9	139.2	116.6	106.1	85.4	81.2

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

NO. 115. DEATHS AND DEATH RATES FROM ACCIDENTS, BY TYPE: 1965 TO 1977  
 [Beginning 1970, excludes deaths of nonresidents of the U.S. See headnote, table 114. See also *Historical Statistics, Colonial Times to 1970*, series B 163-165]

TYPE OF ACCIDENT	DEATHS					RATE <sup>1</sup>				
	1965	1970	1975	1976	1977	1965	1970	1975	1976	1977
All accidents.....	108,004	114,638	103,030	100,761	103,202	55.7	56.4	48.4	46.9	47.7
Motor-vehicle accidents.....	49,163	54,633	45,853	47,038	49,510	25.4	26.9	21.5	21.9	22.9
Traffic.....	48,050	53,493	44,820	46,012	48,467	24.8	26.3	21.0	21.4	22.4
Nontraffic.....	1,113	1,140	1,033	1,026	1,043	.6	.6	.5	.5	.5
Other road-vehicle accidents.....	319	257	255	238	200	.2	.1	.1	.1	.1
Water-transport accidents.....	1,493	1,651	1,570	1,371	1,377	.8	.8	.7	.6	.8
Air and space transport accidents.....	1,529	1,612	1,552	1,445	1,643	.8	.8	.7	.6	.8
Railway accidents.....	962	852	608	552	576	.5	.4	.3	3.3	.3
Accidental falls.....	219,924	16,926	14,896	14,136	13,773	210.3	8.3	7.0	6.6	6.4
Fall from one level to another.....	5,802	4,798	4,005	3,818	3,806	3.0	2.4	1.9	1.8	1.8
Fall on the same level.....	5,738	528	532	504	505	3.0	.4	.2	.2	.2
Unspecified falls.....	8,444	11,300	10,359	9,814	9,462	4.0	5.6	4.9	4.6	4.4
Accidental drowning.....	5,485	6,391	6,640	5,645	5,961	2.8	3.1	3.1	2.6	2.8
Accidents caused by--										
Fire and flames.....	7,347	6,718	6,071	6,338	6,357	3.8	3.3	2.8	3.0	2.9
Firearms.....	2,344	2,406	2,380	2,069	1,982	1.2	1.2	1.1	1.0	.9
Accidental poisoning by--										
Drugs and medicines.....	(NA)	2,505	3,132	2,839	2,214	(NA)	1.2	1.5	1.3	1.0
Solid and liquid substances.....	2,110	1,174	1,562	1,322	1,160	1.1	.6	.7	.6	.5
Gases and vapors.....	1,826	1,620	1,577	1,569	1,696	.8	.8	.7	.7	.7
Complications due to medical procedures.....	1,494	3,581	3,184	3,009	3,107	.8	1.8	1.5	1.4	1.4
Inhalation and ingestion of objects.....	1,836	2,753	3,106	3,033	3,037	.9	1.4	1.5	1.4	1.4
Industrial type accidents.....	(NA)	5,988	5,495	5,203	5,271	(NA)	2.9	2.6	2.4	2.4
Electric current.....	1,071	1,140	1,224	1,041	1,183	.6	.6	.6	.5	.5
Explosive material.....	(9)	530	350	442	439	(9)	.3	.2	.2	.2
Hot substances, etc.....	420	275	209	210	181	.2	.1	.1	.1	.1
Cutting or piercing instrument.....	(9)	152	140	135	127	(9)	.1	.1	.1	.1
Other.....	(9)	3,871	3,533	3,375	3,341	(9)	1.9	1.7	1.6	1.5
All other accidents.....	10,921	5,591	5,149	4,964	5,458	5.6	2.8	2.4	2.3	2.5

NA Not available. <sup>1</sup> For 1970, per 100,000 resident population as of Apr. 1; other years, per 100,000 population estimated as of July 1. <sup>2</sup> Data not comparable with later years due to change in classification.

<sup>3</sup> Not available separately because of change in classification; included in "All other accidents."

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

NO. 116. CATASTROPHIC ACCIDENTS AND DEATHS, BY TYPE OF ACCIDENT: 1941 TO 1978  
 [Catastrophic accidents defined as those in which five or more persons were killed. Excludes military aviation accidents. In some instances data may be incomplete]

TYPE OF ACCIDENT	ACCIDENTS					DEATHS				
	1941-1950	1951-1960	1961-1970	1971-1977	1978, prel.	1941-1950	1951-1960	1961-1970	1971-1977	1978, prel.
All types.....	1,050	1,483	1,340	703	88	13,213	13,790	12,513	7,582	950
Motor vehicle.....	292	666	661	185	9	1,985	4,037	3,553	1,244	53
Percent of total.....	27.8	44.9	41.9	26.3	10.2	15.0	29.3	28.4	16.4	5.6
Bus.....	59	32	31	15	--	539	264	313	164	--
Collision with railroad train.....	12	5	5	4	--	139	35	90	28	--
Motor vehicle other than bus.....	233	634	530	170	9	1,446	3,773	3,240	1,080	53
Collision with railroad train.....	69	94	55	13	1	431	574	346	86	7
Air transportation <sup>1</sup> .....	88	112	176	134	17	1,371	2,133	2,808	1,724	262
Water transportation.....	89	82	45	18	4	974	719	416	276	31
Railroad <sup>2</sup> .....	45	24	6	4	2	861	369	52	71	14
Fire and explosion.....	330	420	420	267	31	4,529	3,099	3,090	2,078	214
Percent of total.....	31.4	28.3	31.3	38.0	35.2	34.3	22.5	24.7	27.4	22.5
Dwellings, apartments.....	166	312	322	178	21	1,034	1,917	1,969	1,058	123
Hotels, boarding houses, rooming houses.....	36	24	25	26	3	515	175	243	227	32
Homes for aged, convalescent, hospitals, etc.....	16	17	12	16	--	281	254	200	151	--
Places of amusement.....	5	2	3	2	--	679	26	99	171	--
Other.....	107	65	58	45	7	2,020	727	579	471	59
Tornadoes, floods, hurricanes, etc.....	111	98	80	60	17	2,292	2,632	2,010	1,693	283
Mines and quarries.....	53	22	15	6	1	870	339	298	146	5
All other.....	42	59	37	29	7	331	412	226	350	88

-- Represents zero.

<sup>1</sup> Accidents occurring within U.S. only.

<sup>2</sup> Collisions of railroad trains with motor vehicles are classified as motor vehicle accidents.

Source: Metropolitan Life Insurance Company, New York, N.Y., *Statistical Bulletin*, March 1977, and unpublished data.

NO. 117. MARRIAGES AND DIVORCES: 1950 TO 1978

[Prior to 1960, excludes Alaska and Hawaii. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series A 158-159 and B 214-220]

MARRIAGE AND DIVORCE	1950	1955	1960	1965	1970	1973	1974	1975	1976	1977	1978
<b>MARRIAGES</b>											
Total.....1,000.....	1,667	1,531	1,523	1,800	2,159	2,284	2,230	2,153	2,155	2,178	2,243
Rate per 1,000 population.....	11.1	9.3	8.5	9.3	10.6	10.9	10.5	10.1	10.0	10.1	10.3
Rate per 1,000 unmarried women:											
15-44 years old.....	166.4	161.1	148.0	144.3	140.2	137.3	128.4	118.5	113.4	109.8	(NA)
15 years old and over.....	90.2	80.9	73.5	75.0	76.5	76.0	72.0	66.9	65.2	63.6	(NA)
First marriage of bride <sup>2</sup> .....			664	1,043	1,252	1,331	1,271	1,191	1,163	1,147	(NA)
Rate per 1,000 single women:											
14 years old and over.....	(NA)	(NA)	87.5	84.4	82.9	81.0	74.8	68.1	64.8	62.7	(NA)
18-19 years.....	(NA)	(NA)	208.4	166.9	151.4	144.8	133.5	115.0	105.1	99.6	(NA)
20-24 years.....	(NA)	(NA)	283.9	237.3	220.1	177.1	159.5	143.8	133.4	125.6	(NA)
25-44 years.....	(NA)	(NA)	96.4	82.5	82.5	94.8	85.7	81.7	81.8	78.6	(NA)
45-64 years.....	(NA)	(NA)	9.0	8.8	8.8	11.3	9.6	9.2	9.3	8.6	(NA)
Median age at first marriage: <sup>2</sup>											
Male.....years.....	<sup>3</sup> 22.8	<sup>3</sup> 22.6	<sup>3</sup> 22.8	22.5	22.5	22.5	22.5	22.7	22.9	23.0	(NA)
Female.....years.....	<sup>3</sup> 20.3	<sup>3</sup> 20.2	<sup>3</sup> 20.3	20.4	20.6	20.6	20.6	20.8	21.0	21.1	(NA)
Remarriages of bride <sup>2</sup> .....	(NA)	(NA)	197	305	393	488	494	510	518	532	(NA)
Rate per 1,000 widowed and divorced:											
14 years old and over.....	(NA)	(NA)	32.7	33.7	36.6	40.6	40.0	40.1	39.7	40.7	(NA)
14-24 years.....	(NA)	(NA)	407.7	471.0	317.6	391.2	332.1	319.9	324.4	323.5	(NA)
25-44 years.....	(NA)	(NA)	139.6	142.3	142.3	154.3	147.3	144.5	133.2	129.0	(NA)
45-64 years.....	(NA)	(NA)	22.0	24.5	24.8	25.7	24.4	23.5	23.5	22.1	(NA)
Median age at remarriage: <sup>2</sup>											
Male.....years.....	(NA)	(NA)	(NA)	39.6	37.5	36.3	35.7	35.5	35.1	34.9	(NA)
Female.....years.....	(NA)	(NA)	(NA)	35.5	33.3	32.3	32.1	32.0	31.7	31.4	(NA)
Percent married, of population 18 yr. old and over: <sup>3</sup>											
Male.....	71.8	76.1	76.4	76.2	75.0	74.5	73.7	72.8	72.2	70.9	70.1
White.....	(NA)	(NA)	77.3	76.9	76.1	75.9	74.9	73.9	73.4	72.3	71.7
Black and other.....	(NA)	(NA)	68.4	70.2	65.4	62.8	63.1	63.5	62.0	60.6	58.4
Female.....	70.9	71.9	71.6	70.5	68.5	68.1	67.6	66.7	66.2	65.3	64.2
White.....	(NA)	(NA)	72.2	70.9	69.3	69.3	68.8	68.0	67.6	66.7	65.9
Black and other.....	(NA)	(NA)	66.3	67.6	62.6	58.5	58.9	57.3	56.2	55.4	52.6
<b>DIVORCES<sup>4</sup></b>											
Total.....1,000.....	385	377	393	479	708	915	977	1,036	1,083	1,091	1,122
Rate per 1,000 population.....	2.6	2.3	2.2	2.5	3.5	4.4	4.6	4.9	5.0	5.0	5.1
Rate per 1,000 married women, 15 yr. old and over.....	10.3	9.3	9.2	10.6	14.9	18.2	19.3	20.3	21.1	21.1	(NA)
Percent divorced, 18 yr. old and over: <sup>5</sup>											
Male.....	1.8	1.9	2.0	2.5	2.5	3.0	3.5	4.0	4.0	4.5	4.7
White.....	(NA)	(NA)	2.0	2.4	2.4	2.9	3.3	3.6	3.8	4.4	4.5
Black and other.....	(NA)	(NA)	2.2	3.4	3.4	4.0	4.8	4.6	5.5	5.0	6.3
Female.....	2.3	2.4	2.9	3.3	3.9	4.5	4.9	5.3	5.7	6.2	6.6
White.....	(NA)	(NA)	2.7	3.1	3.8	4.3	4.7	5.0	5.5	6.0	6.3
Black and other.....	(NA)	(NA)	4.8	4.5	4.8	6.1	6.3	7.1	7.4	8.2	8.8
Rate per 1,000 married, spouse present: <sup>6</sup>											
Male.....	29	31	35	41	47	56	63	69	75	84	90
Female.....	24	26	28	34	35	42	49	54	58	66	71
Male.....	34	36	42	49	60	70	77	84	92	101	110
Median duration of marriage <sup>5</sup> .....years.....	5.8	6.4	7.1	7.2	6.7	6.6	6.5	6.5	6.5	6.6	(NA)
Median age at divorce after 1st marriage: <sup>6</sup>											
Male.....years.....	(NA)	(NA)	(NA)	(NA)	30.5	30.6	30.3	30.2	30.3	30.6	(NA)
Female.....years.....	(NA)	(NA)	(NA)	(NA)	27.9	28.2	28.1	28.1	28.2	28.4	(NA)
Children involved in divorces <sup>7</sup> .....1,000.....	(NA)	347	463	630	870	1,079	1,099	1,123	1,117	1,095	(NA)
Avg. children involved.....	(NA)	.92	1.18	1.32	1.22	1.17	1.12	1.08	1.03	1.00	(NA)

NA. Not available. <sup>1</sup> Preliminary. <sup>2</sup> Number of States reporting: 1960, 33, including New York but excluding New York City; 1965, 38; 1970, 39; and, beginning 1973, 41. Beginning 1965, includes D.C. <sup>3</sup> Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 338, and earlier issues.

<sup>4</sup> Includes annulments.

<sup>5</sup> Number of States reporting: 1950, 16; 1955, 23; 1960, 18; 1965, 22; 1970, 28; and 1973-77, 29.

<sup>6</sup> Number of States reporting: 1970, 27; and 1973-77, 28. Median age computed on grouped ages.

<sup>7</sup> Beginning 1970, based on divorce-registration area frequencies instead of 16 States as for prior years.

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

**NO. 118. MARITAL HISTORY—PERCENT DISTRIBUTION, BY SEX, RACE, AND YEAR OF BIRTH: 1975**  
[As of June]

ITEM	PERSONS BORN, 1900-1959			YEAR OF BIRTH				
	Total	White	Black	1945-1954	1935-1944	1925-1934	1915-1924	1900-1914
<b>Men, total</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Single in 1975.....	26.1	25.2	33.3	38.0	8.3	5.1	5.3	4.9
Men ever married in 1975:								
Once.....	62.5	63.7	53.2	57.8	78.3	79.6	77.5	73.9
Twice or more.....	11.3	11.1	13.5	4.2	13.4	15.3	17.2	21.2
<b>Women, total</b> .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Single in 1975.....	20.6	19.5	29.0	25.8	5.8	4.2	4.5	6.3
Women ever married in 1975:								
Once.....	67.0	68.1	57.7	67.8	79.8	78.8	77.6	73.9
Twice or more.....	12.4	12.4	13.3	6.4	14.4	17.1	17.9	19.7
Ever divorced, total.....	13.9	13.6	16.1	10.8	19.5	20.2	17.0	14.3
After first marriage only.....	12.6	12.4	15.0	10.3	17.9	18.0	15.1	12.8
Ever widowed.....	11.1	10.9	13.1	.7	2.7	7.7	17.6	41.2

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 297.

**NO. 119. EVER-MARRIED PERSONS 25-54 YEARS OLD WHO WERE DIVORCED OR SEPARATED, BY AGE, RACE, AND SEX: 1970 AND 1978**  
[As of March]

AGE AND SEX	EVER MARRIED (1,000)			PERCENT DIVORCED <sup>1</sup>			PERCENT SEPARATED <sup>1</sup>		
	Total <sup>2</sup>	White	Black	Total <sup>2</sup>	White	Black	Total <sup>2</sup>	White	Black
<b>1970: Male, total</b> .....	31,304	28,189	2,817	3.3	3.1	5.5	1.8	1.1	9.4
25-34 yr.....	10,402	9,318	975	3.0	2.9	3.9	1.6	1.2	5.1
35-44 yr.....	10,538	9,464	953	3.0	2.6	5.8	2.1	1.1	11.6
45-54 yr.....	10,384	9,407	889	3.9	3.7	6.7	1.9	1.0	11.7
<b>Female, total</b> .....	34,290	30,401	3,505	5.2	5.0	7.7	3.3	1.8	16.3
25-34 yr.....	11,590	10,220	1,236	5.0	4.7	6.6	3.8	2.1	17.6
35-44 yr.....	11,264	9,917	1,183	5.6	5.3	8.8	3.1	1.6	16.3
45-54 yr.....	11,445	10,264	1,081	5.1	4.9	7.6	3.1	1.9	14.9
<b>1978: Male, total</b> .....	33,961	30,391	2,956	7.0	6.7	11.4	2.9	2.0	12.2
25-34 yr.....	12,887	11,556	1,082	8.0	7.3	10.8	3.0	2.2	11.7
35-44 yr.....	10,681	9,497	962	6.7	6.2	12.5	3.2	2.2	13.0
45-54 yr.....	10,393	9,338	912	6.2	5.8	11.1	2.5	1.6	12.1
<b>Female, total</b> .....	37,597	33,021	3,780	10.0	9.3	15.9	4.4	2.9	17.8
25-34 yr.....	14,579	12,798	1,416	10.7	10.2	15.4	4.8	3.5	17.5
35-44 yr.....	11,625	10,158	1,235	10.8	10.1	17.1	4.7	3.0	18.8
45-54 yr.....	11,393	10,065	1,129	8.3	7.5	15.3	3.6	2.1	17.1

<sup>1</sup> At time of survey.   <sup>2</sup> Includes other races not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 338.

**NO. 120. DIVORCES AND ANNULMENTS—MEDIAN DURATION OF MARRIAGE FOR SELECTED STATES: 1960 TO 1977**

[In years. By place of occurrence. Reporting States only. For definition of median, see Guide to Tabular Presentation]

STATE	1960	1965	1970	1975	1976	1977	STATE	1960	1965	1970	1975	1976	1977
<b>Total</b> .....	7.1	7.2	6.7	6.5	6.5	6.6	Mont.	5.1	5.8	5.1	4.7	5.0	5.1
Ala.....	7.3	6.6	5.3	4.7	4.8	4.9	Nebr.	6.3	6.3	6.0	5.9	5.8	6.1
Alaska.....	6.2	6.0	5.4	5.1	5.2	5.0	N.Y.	(NA)	(NA)	9.3	8.0	7.9	8.1
Calif.....	(NA)	(NA)	6.8	6.8	6.9	7.0	Ohio	(NA)	7.8	6.3	6.0	5.9	6.0
Conn.....	(NA)	(NA)	8.0	8.2	8.2	8.3	Oreg.	5.9	5.9	5.9	5.8	6.0	6.0
Ga.....	6.3	6.1	5.4	5.2	5.3	5.3	Pa.	9.2	8.9	8.1	7.7	7.8	7.7
Hawaii.....	6.3	6.3	7.2	5.4	5.4	5.7	R.I.	(NA)	9.1	9.2	7.8	8.1	8.2
Idaho.....	4.8	6.1	4.6	4.8	4.6	5.0	S.C.	(NA)	(NA)	(NA)	6.6	6.8	6.8
Ill.....	(NA)	(NA)	6.6	6.1	6.1	6.2	S. Dak.	6.3	6.3	5.9	5.6	5.6	5.8
Iowa.....	5.7	5.9	5.6	5.5	5.7	5.8	Tenn.	6.3	6.1	5.6	5.3	5.2	5.3
Kans.....	5.8	5.9	5.1	5.2	5.0	5.2	Utah	4.7	5.2	5.3	4.9	5.1	4.8
Ky.....	(NA)	(NA)	5.7	5.9	5.6	5.6	Vt.	(NA)	(NA)	8.3	7.5	7.6	7.8
Md.....	9.0	9.2	8.8	8.3	7.9	8.4	Va.	8.3	9.0	7.7	7.7	7.7	7.8
Mich.....	(NA)	7.9	7.0	6.8	6.6	7.0	Wis.	8.2	8.2	7.9	7.0	7.2	7.0
Mo.....	(NA)	5.8	5.4	5.6	5.7	5.5	Wyo.	5.4	5.5	4.6	4.7	4.3	4.6

NA Not available.

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

NO. 121. MARRIAGES—NUMBER AND RATE, BY STATES: 1965 TO 1977

[By place of occurrence]

STATE	NUMBER (1,000)						RATE PER 1,000 POPULATION <sup>1</sup>					
	1965	1970	1974	1975	1976	1977	1965	1970	1974	1975	1976	1977
<b>U.S.</b> .....	<b>1,800.2</b>	<b>2,159.0</b>	<b>2,229.7</b>	<b>2,152.7</b>	<b>2,154.8</b>	<b>2,178.4</b>	<b>9.3</b>	<b>10.6</b>	<b>10.5</b>	<b>10.1</b>	<b>10.0</b>	<b>10.1</b>
<b>N.E.</b> .....	86.5	105.4	101.4	96.8	95.6	97.3	7.8	8.9	8.3	7.9	7.8	7.9
Maine.....	8.7	11.0	11.5	11.2	11.3	11.4	8.8	11.0	11.0	10.6	10.6	10.5
N.H.....	9.0	10.0	9.2	8.8	8.6	8.9	13.4	13.6	11.4	10.8	10.4	10.5
Vt.....	3.6	4.5	4.7	4.6	4.4	4.8	9.0	10.2	9.9	9.7	9.2	9.9
Mass.....	37.9	47.4	44.2	42.1	41.5	41.9	7.1	8.3	7.6	7.2	7.1	7.3
R.I.....	6.3	7.5	7.3	6.7	6.9	7.1	7.1	7.9	7.7	7.2	7.4	7.6
Conn.....	21.0	25.0	24.5	23.4	22.9	23.1	7.4	8.2	7.9	7.6	7.4	7.4
<b>M.A.</b> .....	260.0	312.4	301.1	287.4	278.7	275.3	7.1	8.4	8.1	7.7	7.5	7.4
N.Y.....	133.5	161.2	148.0	142.8	137.0	133.8	7.4	8.9	8.2	7.9	7.6	7.5
N.J.....	46.3	56.6	56.4	53.0	51.3	50.7	6.8	7.9	7.7	7.2	7.0	6.9
Pa.....	80.2	94.5	96.7	91.7	90.4	90.8	6.9	8.0	8.2	7.8	7.6	7.7
<b>E.N.C.</b> .....	339.3	384.8	405.7	387.4	382.1	387.4	8.9	9.6	9.9	9.5	9.3	9.4
Ohio.....	79.0	90.1	102.5	101.1	96.8	99.4	7.7	8.5	9.5	9.4	9.1	9.3
Ind.....	49.7	55.2	60.5	56.1	55.7	56.4	10.2	10.6	11.4	10.6	10.5	10.6
Ill.....	101.0	115.5	116.4	111.5	110.8	108.1	9.5	10.4	10.5	10.0	9.9	9.6
Mich.....	81.2	89.7	88.0	82.9	82.8	86.1	9.8	10.1	9.7	9.0	9.1	9.4
Wis.....	28.4	34.4	38.2	35.9	36.0	37.4	6.9	7.8	8.4	7.8	7.9	8.0
<b>W.N.C.</b> .....	131.0	160.5	168.4	161.9	162.3	164.6	8.3	9.8	10.1	9.7	9.7	9.8
Minn.....	26.5	31.3	33.5	32.3	<sup>2</sup> 32.0	33.0	7.4	8.2	8.6	8.2	<sup>2</sup> 8.1	8.3
Iowa.....	20.2	24.6	27.2	25.6	25.7	26.4	7.3	8.7	9.5	8.9	9.0	9.2
Mo.....	40.2	50.1	51.4	50.1	51.1	52.1	8.9	10.7	10.8	10.5	10.7	10.9
N. Dak.....	4.9	5.3	5.9	6.0	5.7	5.7	7.6	8.6	9.3	9.4	8.8	8.7
S. Dak.....	8.3	11.0	11.9	11.1	10.8	10.4	12.1	16.6	17.5	16.2	15.7	15.0
Nebr.....	12.1	15.7	13.9	13.1	13.4	13.4	8.3	10.6	9.0	8.5	8.6	8.6
Kans.....	18.8	22.4	24.5	23.8	23.6	23.7	8.4	10.0	10.8	10.5	10.2	10.2
<b>S.A.</b> .....	311.7	371.0	385.5	366.6	372.1	380.8	10.8	12.1	11.6	10.9	10.9	11.1
Del.....	3.1	4.3	4.1	3.9	3.9	4.0	6.2	7.8	7.2	6.8	6.8	6.9
Md.....	47.3	52.2	47.0	44.8	44.6	45.1	13.4	13.3	11.5	10.9	10.8	10.9
D.C.....	9.2	7.3	5.3	4.9	4.6	4.6	11.4	9.6	7.3	6.9	6.6	6.7
Va.....	46.0	52.0	56.6	54.7	56.5	57.8	10.4	11.2	11.5	11.0	11.2	11.3
W. Va.....	14.2	15.9	17.4	17.0	17.2	17.5	7.8	9.1	9.7	9.5	9.5	9.4
N.C.....	40.7	48.3	45.0	42.3	42.5	43.5	8.2	9.5	8.4	7.8	7.8	7.9
S.C.....	46.3	57.9	59.0	50.2	50.7	51.3	18.2	22.3	20.0	17.8	17.8	17.8
Ga.....	55.5	63.9	66.7	63.2	66.0	67.4	12.6	13.9	13.7	12.8	13.3	13.3
Fla.....	49.4	69.2	90.3	85.4	86.1	89.6	8.5	10.2	11.2	10.2	10.2	10.6
<b>E.S.C.</b> .....	132.1	154.9	161.8	155.2	159.5	<sup>3</sup> 160.1	10.3	12.1	12.1	11.5	11.7	<sup>3</sup> 11.6
Ky.....	<sup>4</sup> 28.3	36.3	32.8	32.1	32.9	<sup>3</sup> 32.2	<sup>4</sup> 9.9	11.3	9.8	9.4	9.6	<sup>3</sup> 9.3
Tenn.....	40.1	45.4	54.6	51.5	53.3	55.3	10.4	11.6	13.2	12.3	12.6	12.9
Ala.....	40.4	47.0	46.8	45.3	46.5	45.7	11.6	13.6	13.1	12.5	12.7	12.4
Miss.....	23.3	26.3	27.6	26.3	26.8	26.8	10.1	11.9	11.9	11.2	11.4	11.2
<b>W.S.C.</b> .....	192.2	237.2	<sup>3</sup> 256.1	254.9	261.2	264.4	10.4	12.3	<sup>3</sup> 12.4	12.2	12.3	12.2
Ark.....	19.2	23.3	<sup>3</sup> 24.7	24.3	24.9	24.0	9.9	12.1	<sup>3</sup> 12.0	11.5	11.8	11.2
La.....	29.0	35.4	38.2	37.3	38.0	38.6	8.1	9.7	10.1	9.8	9.9	9.9
Okla.....	32.6	39.0	40.2	40.1	41.0	42.1	13.3	15.2	14.8	14.8	14.8	15.0
Tex.....	111.5	139.5	153.0	153.2	157.3	159.6	10.5	12.5	12.7	12.5	12.6	12.4
<b>Mt.</b> .....	<sup>1</sup> 157.9	187.5	213.7	212.0	216.2	219.5	<sup>2</sup> 20.5	22.6	22.7	22.0	22.0	21.9
Mont.....	4.7	6.9	7.7	7.3	7.4	7.5	6.7	10.0	10.5	9.8	9.8	9.9
Idaho.....	15.9	10.9	12.5	12.7	13.1	13.7	22.9	15.3	15.6	15.5	15.8	16.0
Wyo.....	3.6	4.5	6.0	5.6	5.9	6.0	10.9	13.5	16.8	15.1	15.0	14.8
Colo.....	<sup>4</sup> 18.7	25.0	26.0	27.6	28.6	30.1	<sup>4</sup> 9.6	11.3	10.4	10.9	11.1	11.5
N. Mex.....	<sup>2</sup> 13.2	12.4	15.9	<sup>4</sup> 15.8	<sup>4</sup> 15.6	<sup>2</sup> 16.4	<sup>2</sup> 13.0	12.2	14.2	<sup>4</sup> 13.8	<sup>4</sup> 13.4	<sup>4</sup> 13.8
Ariz.....	12.1	18.5	27.0	26.6	26.5	27.0	7.7	10.4	12.6	11.9	11.7	11.7
Utah.....	8.7	11.7	15.2	14.9	14.7	15.1	8.8	11.0	12.9	12.4	12.0	11.9
Nev.....	<sup>4</sup> 81.0	97.6	103.3	101.6	<sup>4</sup> 104.4	103.7	<sup>4</sup> 186.7	199.7	180.3	<sup>4</sup> 171.6	<sup>4</sup> 171.2	163.8
<b>Pac<sup>5</sup></b> .....	189.3	245.0	236.1	230.3	227.1	229.0	7.8	9.2	8.5	8.2	7.9	7.8
Wash.....	<sup>3</sup> 81.5	41.3	41.6	41.8	42.0	43.8	<sup>3</sup> 10.6	12.1	12.0	11.8	11.6	12.0
Oreg.....	13.3	17.3	20.0	19.3	19.2	20.3	6.8	8.3	8.8	8.4	8.2	8.5
Calif. <sup>5</sup> .....	136.1	172.4	160.9	154.8	151.3	149.4	7.4	8.6	7.7	7.3	7.0	6.8
Alaska.....	2.4	3.4	3.9	4.7	4.9	5.1	9.0	11.2	11.7	13.4	12.8	12.6
Hawaii.....	6.1	10.6	9.6	9.7	9.8	10.3	8.6	13.8	11.4	11.2	11.0	11.5

<sup>1</sup> Based on total population residing in area; population enumerated as of Apr. 1 for 1970, estimated as of July 1 for all other years. <sup>2</sup> Estimated. <sup>3</sup> Incomplete. <sup>4</sup> Marriage licenses. <sup>5</sup> California excludes nonlicensed marriages registered as follows: 1975, 19,061; 1976, 30,125; and 1977, 32,008.

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

## NO. 122. DIVORCES—NUMBER AND RATE, BY STATES: 1965 TO 1977

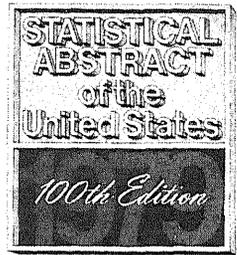
[By place of occurrence. Includes reported annulments]

STATE	NUMBER (1,000)						RATE PER 1,000 POPULATION <sup>1</sup>					
	1965	1970	1974	1975	1976	1977	1965	1970	1974	1975	1976	1977
U.S. <sup>2</sup> -----	479.0	708.0	977.0	1,086.0	1,083.0	1,091.0	2.5	3.5	4.6	4.9	5.0	5.0
N.E.-----	17.5	25.8	<sup>3</sup> 40.0	43.2	43.7	44.4	1.6	2.2	<sup>3</sup> 3.3	3.5	3.6	3.6
Maine-----	2.5	3.9	4.9	5.5	5.5	5.7	2.6	3.9	4.7	5.2	5.2	5.2
N.H.-----	1.6	2.4	4.1	4.2	4.3	4.4	2.3	3.3	5.0	5.2	5.3	5.2
Vt.-----	6.6	1.0	<sup>3</sup> 1.6	1.9	1.9	2.1	1.5	2.3	<sup>3</sup> 3.5	4.1	4.0	4.4
Mass-----	7.8	11.0	16.1	16.6	17.0	16.5	1.5	1.9	2.8	2.8	2.9	2.9
R.I.-----	1.2	1.7	2.5	2.7	3.3	3.4	1.3	1.8	2.7	2.9	3.5	3.7
Conn-----	3.7	5.8	10.8	12.2	11.7	12.2	1.3	1.9	3.5	4.0	3.8	3.9
M.A.-----	30.4	59.9	106.5	110.0	112.6	114.2	.8	1.6	2.9	3.0	3.0	3.1
N.Y.-----	8.2	26.4	54.0	55.6	54.2	55.8	.5	1.5	3.0	3.1	3.0	3.1
N.J.-----	5.6	10.8	19.9	19.4	21.8	20.5	.8	1.5	2.7	2.7	3.0	2.8
Pa.-----	16.6	22.6	32.6	35.0	36.5	37.9	1.4	1.9	2.8	3.0	3.1	3.2
E.N.C.-----	<sup>4</sup> 94.5	<sup>4</sup> 129.8	<sup>3</sup> 185.7	<sup>3</sup> 186.2	<sup>3</sup> 199.9	<sup>3</sup> 197.3	<sup>4</sup> 2.5	3.2	<sup>3</sup> 4.5	(S)	<sup>3</sup> 4.9	<sup>3</sup> 4.8
Ohio-----	25.8	39.3	49.2	52.6	59.3	57.3	2.5	3.7	4.6	4.9	5.5	5.4
Ind.-----	<sup>4</sup> 18.5	15.2	<sup>3</sup> 33.9	<sup>3</sup> 28.8	<sup>3</sup> 31.2	<sup>3</sup> 33.3	<sup>4</sup> 3.8	2.9	<sup>3</sup> 6.4	(S)	<sup>3</sup> 5.9	<sup>3</sup> 6.3
Ill.-----	24.7	36.5	48.4	51.0	51.8	49.0	2.3	3.3	4.3	4.6	4.6	4.4
Mich-----	20.3	30.0	41.9	40.8	43.1	43.0	2.4	3.4	4.6	4.5	4.7	4.7
Wis.-----	5.2	8.9	12.4	13.1	14.6	14.6	1.3	2.0	2.7	2.8	3.2	3.1
W.N.C.-----	33.4	48.2	64.1	70.1	73.0	73.3	2.1	3.0	3.8	4.2	4.3	4.3
Minn-----	4.9	8.3	12.2	13.2	<sup>4</sup> 13.8	14.0	1.4	2.2	3.1	3.4	<sup>4</sup> 3.5	3.5
Iowa-----	5.3	7.2	9.5	10.3	10.8	10.9	1.9	2.5	3.3	3.6	3.8	3.8
Mo.-----	13.2	17.9	22.1	24.5	26.4	25.2	2.9	3.8	4.6	5.1	5.3	5.3
N. Dak-----	.7	1.0	1.6	1.7	1.9	2.0	1.1	1.6	2.5	2.7	2.9	3.0
S. Dak-----	1.0	1.4	2.0	2.2	2.4	2.4	1.5	2.0	3.0	3.3	3.4	3.5
Nebr.-----	2.5	3.7	5.2	5.6	5.9	6.1	1.7	2.5	3.4	3.6	3.8	3.9
Kans.-----	5.8	8.8	11.5	12.6	12.8	12.6	2.6	3.9	5.1	5.5	5.6	5.4
S.A.-----	<sup>3</sup> 73.3	<sup>3</sup> 106.1	<sup>3</sup> 159.9	<sup>3</sup> 174.8	<sup>3</sup> 182.0	<sup>3</sup> 183.0	<sup>3</sup> 2.6	3.5	4.8	5.2	5.4	5.3
Del.-----	7.0	1.7	2.4	2.8	3.2	3.0	1.5	3.2	4.1	4.8	5.6	5.2
Md.-----	7.7	9.3	15.1	15.4	16.1	16.6	2.0	2.4	3.7	3.8	3.9	4.0
D.C.-----	1.3	2.3	3.2	3.8	3.1	3.2	1.7	3.0	4.4	5.3	4.4	4.6
Va.-----	3.9	11.9	16.7	19.5	21.4	21.5	2.0	2.6	3.4	3.9	4.2	4.2
W. Va.-----	3.9	5.6	7.2	8.6	8.9	9.6	2.1	3.2	4.0	4.8	4.9	5.2
N.C.-----	11.2	15.7	20.0	22.1	24.3	25.0	2.3	2.7	3.7	4.1	4.4	4.5
S.C.-----	3.0	5.3	8.8	9.7	10.6	10.7	1.2	2.3	3.2	3.4	3.7	3.7
Ge.-----	<sup>3</sup> 12.0	13.6	26.9	29.5	31.2	31.0	<sup>3</sup> 2.7	4.1	5.5	6.0	6.3	6.1
Fla.-----	26.3	37.2	59.6	63.4	63.2	62.4	4.4	5.5	7.4	7.6	7.5	7.4
E.S.C.-----	36.2	50.6	70.5	74.4	79.3	79.5	2.8	4.0	5.3	5.5	5.8	5.7
Ky.-----	8.3	10.7	13.8	14.5	16.0	15.5	2.6	3.3	4.1	4.3	4.7	4.5
Tenn-----	11.1	16.6	23.7	24.6	27.0	27.4	2.9	4.2	5.7	5.9	6.4	6.4
Ala.-----	11.0	15.1	21.1	23.0	24.1	23.8	3.2	4.4	5.9	6.4	6.6	6.4
Miss-----	5.7	8.2	11.9	12.3	12.2	12.8	2.5	3.7	5.1	5.2	5.2	5.3
W.S.C.-----	<sup>3</sup> 64.4	82.7	<sup>3</sup> 115.9	<sup>3</sup> 122.8	<sup>3</sup> 132.3	<sup>3</sup> 136.2	(S)	4.3	(S)	(S)	<sup>3</sup> 6.2	(S)
Ark.-----	6.6	9.3	<sup>3</sup> 15.8	<sup>3</sup> 16.7	<sup>3</sup> 18.4	<sup>3</sup> 19.2	3.4	4.8	<sup>3</sup> 7.7	<sup>3</sup> 7.9	<sup>3</sup> 8.7	<sup>3</sup> 9.0
La.-----	<sup>3</sup> 4.6	5.1	<sup>3</sup> 7.8	<sup>3</sup> 8.7	<sup>3</sup> 12.6	<sup>3</sup> 12.9	(S)	1.4	(S)	(S)	<sup>3</sup> 3.3	(S)
Okla-----	11.9	16.8	22.5	20.6	21.5	21.8	4.8	6.6	8.3	7.6	7.8	7.8
Tex.-----	41.3	51.5	69.8	76.7	79.9	82.3	3.9	4.6	5.8	6.3	6.4	6.4
Mt.-----	<sup>3</sup> 38.1	49.0	66.9	70.7	75.5	77.3	<sup>3</sup> 4.0	5.9	7.1	7.3	7.7	7.7
Mont-----	2.0	3.0	3.9	4.3	4.9	4.7	2.8	4.4	5.4	5.7	6.4	6.2
Idaho-----	2.9	3.6	4.8	5.2	5.7	6.0	4.1	5.1	6.0	6.3	6.9	7.0
Wyo.-----	1.4	1.8	2.5	2.8	2.9	3.1	4.3	5.4	7.0	7.6	7.3	7.6
Colo.-----	<sup>4</sup> 6.7	10.4	15.1	15.7	17.5	20.6	<sup>4</sup> 3.4	4.7	6.0	6.2	6.8	7.8
N. Mex-----	<sup>3</sup> 3.7	4.4	7.9	8.4	9.1	9.1	<sup>3</sup> 3.6	4.3	7.0	7.3	7.8	7.7
Ariz.-----	8.6	12.7	16.9	17.6	19.0	16.6	5.4	7.2	7.9	7.9	8.4	7.2
Utah.-----	2.9	3.9	5.7	6.1	6.2	6.9	2.9	3.7	4.8	5.1	5.0	5.5
Nev.-----	10.0	9.1	10.0	10.5	10.3	10.3	23.0	18.7	17.5	17.8	16.9	16.2
Pac.-----	89.9	144.7	165.7	177.0	184.9	183.4	3.7	5.5	6.0	6.3	6.4	6.3
Wash-----	11.5	17.9	23.9	25.8	27.1	26.7	3.9	5.2	6.9	7.3	7.5	7.3
Oreg.-----	6.2	9.6	13.5	15.6	16.1	16.4	3.2	4.6	6.0	6.8	6.9	6.9
Calif.-----	66.9	112.9	121.7	128.5	133.8	132.2	3.8	5.7	5.8	6.1	6.2	6.0
Alaska-----	1.1	1.7	2.5	2.9	3.2	3.6	4.2	5.6	7.3	8.1	8.4	8.8
Hawaii-----	1.1	2.6	4.1	4.3	4.7	4.6	1.6	3.4	4.9	4.9	5.3	5.1

S Does not meet publication standards because reporting less than 90 percent complete.

<sup>1</sup> Based on total population residing in area; population enumerated as of Apr. 1 for 1970, estimated as of July 1 for all other years. <sup>2</sup> U.S. total and some States are estimated; therefore, State data do not add to total.<sup>3</sup> Incomplete. <sup>4</sup> Estimated.Source: U.S. National Center for Health Statistics, *Vital Statistics of the United States*, annual, and *Monthly Vital Statistics Report*.

# 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.

**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.**—Between May 1921 and July 1968, immigrants were required by Federal law to 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.

Prior to 1921, Federal law prohibited from entry into the United States only particular categories of persons (convicts, the mentally defective and insane, children under age 16 unaccompanied by parents, persons likely to become public welfare dependents, etc.), usually without respect to country of origin. (The Chinese exclusion law of 1882 which was repealed in 1943 and the automatic exclusion sections of the 1917 Act which barred entry to certain peoples from the geographic regions of Asia and Pacific Islands

are important exceptions.) 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 established a quota system whereby the total number of immigrants from any individual country was not to exceed 3 percent of that country's U.S. residents in 1910.

For 1925-1929, the congressionally mandated annual quota of 164,667 was based on 2 percent of foreign-born U.S. residents as determined by the 1890 census. The "national origins" formula, which determined quotas from 1929 until 1965, 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. Since 1968, immigrants have been classified as those subject to numerical limitations of the Eastern Hemisphere and of the Western Hemisphere, and those exempt from numerical limitations (see table 125). Those exempt include immediate relatives (parents, spouses, and children) of U.S. citizens and various classes of special immigrants.

**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 2, 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. The Act was last amended in 1976; for details, see Public Law 94-571, signed on October 20, 1976.

**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 29, 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. 123. IMMIGRATION: 1820 TO 1977

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. 85-86. For 1820-1837, alien passengers arriving; 1838-1891 and 1895-1897, immigrants arriving; 1892-1894 and 1898 to the present, immigrants admitted. Rates based on Bureau of the Census estimates as of July 1 for resident population through 1929, and for total population thereafter (excluding Alaska and Hawaii prior to 1959). See also *Historical Statistics, Colonial Times to 1970*, series C 89]

PERIOD	TOTAL		PERIOD OR YEAR	TOTAL		YEAR	TOTAL	
	Number	Rate <sup>1</sup>		Number	Rate <sup>1</sup>		Number	Rate <sup>1</sup>
1820-1977 <sup>2</sup>	48,064	3.5	1911-1920-----	5,736	5.7	1968-----	454	2.3
1820-1830 <sup>3</sup>	152	1.2	1921-1930-----	4,107	3.5	1969-----	359	1.8
1831-1840 <sup>4</sup>	599	3.9	1931-1940-----	528	.4	1970-----	373	1.8
1841-1850 <sup>5</sup>	1,713	8.4	1941-1950-----	1,035	.7	1971-----	370	1.8
1851-1860 <sup>5</sup>	2,598	9.3	1951-1960-----	2,515	1.5	1972-----	385	1.8
1861-1870 <sup>6</sup>	2,315	6.4	1961-1970-----	3,322	1.7	1973-----	400	1.9
1871-1880-----	2,812	6.2	1971-1977 <sup>2</sup>	2,901	1.9	1974-----	395	1.9
1881-1890-----	5,247	9.2	1965-----	297	1.5	1975-----	386	1.8
1891-1900-----	3,688	5.3	1966-----	323	1.6	1976-----	399	1.9
1901-1910-----	8,795	10.4	1967-----	362	1.8	1977-----	462	2.1

<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> Includes transition quarter, July-Sept. 1976. <sup>3</sup> Oct. 1, 1819-Sept. 30, 1830. <sup>4</sup> Oct. 1, 1830-Dec. 31, 1840. <sup>5</sup> Calendar years. <sup>6</sup> Jan. 1, 1861-June 30, 1870.

## NO. 124. IMMIGRANTS, BY SELECTED CHARACTERISTICS: 1951 TO 1977

In thousands, except as indicated. Through 1976, for years ending June 30; beginning 1977, ending Sept. 30. For definition of immigrants, see text, pp. 85-86; 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	1971-1977, <sup>1</sup> total	1973	1974	1975	1976	1977	PERCENT	
									1961-1970	1971-1977 <sup>1</sup>
Total-----	2,515	3,322	2,901	400.1	394.9	386.2	398.6	462.3	100.0	100.0
Male-----	2 859	1,488	1,353	186.3	184.5	180.7	184.8	216.4	44.8	46.6
Married-----	368	651	671	92.8	89.9	88.7	92.8	112.2	19.6	23.1
Single-----	487	816	667	91.7	92.7	90.1	89.4	100.6	24.6	23.0
Other-----	24	21	17	1.8	1.9	1.9	2.6	3.6	.6	.6
Female-----	2 1,014	1,834	1,547	213.7	210.3	205.5	213.8	245.9	55.2	53.3
Married-----	501	883	856	119.0	116.9	112.2	118.8	135.6	26.6	29.5
Single-----	451	856	618	85.7	84.9	83.5	83.1	93.9	25.8	21.3
Other-----	63	95	75	9.0	8.5	9.8	11.9	16.4	2.9	2.6
Males per 1,000 females-----	850	811	876	872	877	880	865	880	(X)	(X)
Age:										
Under 16 years-----	576	847	771	110.8	110.8	105.4	102.2	108.2	25.5	26.6
16-44 years-----	1,596	2,018	1,711	237.2	234.0	226.0	234.0	286.9	60.7	60.0
45 years and over-----	343	467	418	52.1	50.1	54.8	62.3	87.2	13.8	14.4
Median age-----yr.	24.8	25.7	26.4	24.0	23.7	24.4	24.9	26.5	(X)	(X)
Occupation: <sup>3</sup>										
Professional, tech., and kindred-----	184	337	309	41.1	35.5	38.5	41.1	45.0	10.1	10.7
Managers and administrators <sup>4</sup> -----	53	66	75	9.2	9.2	10.0	11.6	17.4	2.0	2.6
Sales workers-----	( <sup>5</sup> )	( <sup>5</sup> )	22	( <sup>5</sup> )	3.0	3.4	3.9	5.6	( <sup>5</sup> )	.8
Clerical and kindred workers-----	5 197	5 245	107	5 15.9	13.2	14.1	14.9	20.5	5 7.4	3.7
Craftsmen and kindred workers-----	196	207	146	19.1	20.0	20.6	18.8	21.3	6.2	5.0
Operatives, except transport-----	6 168	6 162	150	6 21.2	15.5	18.4	20.9	30.5	6 4.9	5.2
Transport equipment operatives-----	( <sup>5</sup> )	( <sup>5</sup> )	14	( <sup>5</sup> )	2.5	2.9	3.2	4.0	( <sup>5</sup> )	.5
Laborers, except farm-----	133	129	106	18.4	18.3	13.0	12.1	12.2	3.9	3.7
Farmers and farm managers-----	49	26	6	.1	.2	.9	1.4	.6	.7	.2
Farm laborers and farm foremen-----	43	57	46	6.2	6.9	6.3	6.2	6.9	1.7	1.6
Service wks. exc. pvt. household-----	70	108	112	16.5	18.1	15.5	14.0	16.8	3.3	3.9
Private household workers-----	94	127	62	8.8	8.8	5.9	6.8	8.5	3.8	2.1
No occupation <sup>7</sup> -----	1,329	1,857	1,749	243.6	243.6	236.6	243.9	273.0	55.9	60.3

X Not applicable. <sup>1</sup> Includes transition quarter, July-Sept. 1976. <sup>2</sup> 1954-1960. <sup>3</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 table 1064 for data on scientists, engineers, and physicians. <sup>4</sup> Except farm. <sup>5</sup> Sales workers included in "Clerical and kindred workers." <sup>6</sup> Transport equipment operatives included in "Operatives, except transport." <sup>7</sup> Includes dependent women and children, and other aliens without occupation or occupation not reported.

## NO. 125. IMMIGRANTS ADMITTED, BY CLASSES: 1940 TO 1977

[For years ending June 30 except, beginning 1977, ending September 30. For definition of immigrants, see text, pp. 85-88. 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	1940	1950	1955	1960	1965	1967	1968	1969
Annual quota.....	153,774	154,206	154,657	154,887	158,561	158,261	(X)	(X)
Immigrants admitted.....	70,756	249,187	237,790	265,398	296,697	361,972	454,448	358,579
Natives of Eastern Hemisphere.....	61,997	197,480	82,232	101,373	99,381	152,079	156,212	157,306
Natives of Western Hemisphere.....	11,985	33,238	94,274	91,701	153,199	161,034	245,449	133,689
Immediate relatives of U.S. citizens.....	5,474	16,275	30,882	34,215	32,714	46,903	43,677	60,016
Other.....	1,300	2,214	30,402	38,109	11,403	10,966	9,110	7,568

CLASS OF ADMISSION	1970	1972	1973	1974	1975	1976	1977
Numerical limitation (1965 Act): <sup>1</sup>							
Natives of Eastern Hemisphere.....	170,000	170,000	170,000	170,000	170,000	170,000	170,000
Natives of Western Hemisphere.....	120,000	120,000	120,000	120,000	120,000	120,000	120,000
Immigrants, total.....	373,326	384,685	400,063	394,861	386,194	398,613	462,315
Percent of aliens admitted.....	7.8	6.9	6.3	5.4	5.2	5.0	5.4
Natives of Eastern Hemisphere.....	172,547	164,849	166,108	159,059	180,460	166,204	241,433
Natives of Western Hemisphere.....	114,736	118,817	116,803	115,072	121,101	118,569	102,073
Immediate relatives of U.S. citizens.....	79,213	86,332	100,953	104,844	91,504	102,019	105,957
Other.....	6,830	14,686	16,199	15,886	13,129	11,821	12,882
Subject to East. Hemisphere limitations.....	172,547	164,849	166,108	159,059	160,460	166,204	241,433
Relative preferences.....	92,432	83,165	92,054	94,915	95,945	102,007	130,784
Unmarried sons and daughters of U.S. citizens and their children (1st pref.).....	1,089	858	936	932	871	931	1,473
Spouses, unmarried sons and daughters of resident aliens, and their children (2d preference).....	30,714	36,484	38,680	43,920	43,077	44,339	54,914
Married sons and daughters of U.S. citizens (4th preference).....	8,350	3,971	4,080	3,404	3,623	4,077	4,818
Brothers and sisters of U.S. citizens (5th preference).....	52,279	41,852	48,378	46,659	48,374	52,660	69,579
Occupational preferences.....	34,016	33,714	26,787	28,482	29,334	26,361	23,585
Immigrants in professions (3d pref.).....	10,142	10,385	8,521	7,763	8,368	8,318	6,564
Other workers (6th preference).....	8,786	7,915	4,549	6,420	6,724	4,792	4,673
Their spouses and children.....	15,068	15,414	13,697	14,299	14,247	13,251	12,368
Conditional entrants (7th preference).....	9,863	10,396	9,808	9,076	9,129	11,907	9,575
Nonpreference (incl. private bill cases).....	36,058	37,387	37,363	26,475	25,961	25,775	77,358
Adjustments under Sec. 244 of the I & N Act.....	176	185	114	104	86	143	125
Foreign Govt. officials, Act of Sept. 1957.....	2	2	2	7	5	11	6
Subject to West. Hemisphere limitations.....	114,736	118,817	116,803	115,072	121,101	118,569	35,067
Natives of Western Hemisphere, their spouses and children.....	102,520	101,232	96,762	99,800	96,547	91,319	34,115
Immigrants, Act of November 1966 <sup>2</sup> .....	12,207	17,585	20,041	15,272	24,554	27,250	952
Exempt from numerical limitations.....	86,043	101,019	117,152	120,730	104,633	113,840	185,815
Immediate relatives.....	79,213	86,332	100,953	104,844	91,504	102,019	105,957
Wives of U.S. citizens.....	36,276	36,801	40,165	40,274	33,719	37,856	36,104
Husbands of U.S. citizens.....	15,619	21,496	27,123	27,284	21,901	22,234	26,105
Children of U.S. citizens.....	18,095	18,707	22,990	24,758	22,315	23,889	22,572
Parents of U.S. citizens.....	9,223	9,238	10,675	12,523	13,569	18,040	21,176
Immigrants, Act of Nov. 1966 <sup>2</sup> .....	(X)	(X)	(X)	(X)	(X)	(X)	67,958
Special immigrants.....	6,342	7,146	7,098	6,964	7,080	5,961	5,736
Ministers of religion, their spouses and children.....	1,497	1,505	1,549	1,416	1,231	1,368	1,301
Employees of the U.S. Government abroad, their spouses and children.....	290	368	508	1,176	1,622	449	224
Children born abroad to resident aliens or subsequent to issuance of visa.....	3,012	3,566	3,760	3,477	3,636	3,405	3,550
Aliens adjusted <sup>3</sup> .....	1,543	1,707	1,281	895	591	739	661
Immigrants, various Acts, 1957-1962.....	54	30	16	7	1	12	1
Refugee-escapees, Act of July 14, 1950.....	20	4	-	-	-	-	-
Spouses of U.S. citizens and their children, Act of April 7, 1970.....	9	6,828	8,276	7,885	5,057	5,014	5,598
Others not subj. to numerical limitation.....	405	678	809	1,030	991	834	565

- Represents zero. X Not applicable. <sup>1</sup> See text, p. 86.

<sup>2</sup> See text, Status of Cubans, p. 86. As of Jan. 1977, Act of Nov. 1966 not subject to numerical limitations.

<sup>3</sup> Under sections 244 and 249, Immigration and Naturalization Act.

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

## NO. 126. IMMIGRANTS, BY COUNTRY OF LAST PERMANENT RESIDENCE: 1820 TO 1977

[In thousands, except percent. For years ending June 30 except, beginning 1977, ending September 30. For definition of immigrants, see text, pp. 85-86. 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 89-119]

COUNTRY	1820-1977, <sup>1</sup> total	1951-1960, total	1961-1970, total	1971-1977, <sup>1</sup> total	1973	1974	1975	1976	1977	PERCENT		
										1820-1977	1961-1970	1971-1977 <sup>1</sup>
<b>Total</b> -----	<b>48,064</b>	<b>2,515.5</b>	<b>3,321.7</b>	<b>2,901.0</b>	<b>400.1</b>	<b>394.9</b>	<b>386.2</b>	<b>398.6</b>	<b>462.3</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Europe</b> -----	<b>36,127</b>	<b>1,325.6</b>	<b>1,123.4</b>	<b>587.8</b>	<b>91.2</b>	<b>80.4</b>	<b>72.8</b>	<b>73.0</b>	<b>74.0</b>	<b>75.3</b>	<b>33.8</b>	<b>20.3</b>
Austria <sup>2</sup> -----		67.1	20.6	8.1	1.6	.7	.5	.5	.5	8.9	.6	.3
Hungary-----	4,314	36.6	5.4	4.7	1.0	.9	.6	.6	.5		.2	.2
Belgium-----	202	18.6	9.2	3.5	.4	.4	.4	.5	.5		.4	.3
Czechoslovakia-----	137	.9	3.3	4.1	.9	.4	.3	.3	.3		.3	.1
Denmark-----	364	11.0	9.2	3.1	.4	.5	.3	.4	.4		.8	.3
Finland-----	33	4.9	4.2	1.7	.3	.2	.2	.2	.2		.1	.1
France-----	748	51.1	45.2	17.1	2.6	2.2	1.8	2.0	2.7		1.6	1.4
Germany <sup>2</sup> -----	6,970	477.8	190.8	53.1	7.6	7.2	5.9	6.6	7.4		14.5	5.7
Great Britain <sup>3</sup> -----	4,882	195.5	210.0	89.6	11.9	11.7	12.2	13.0	14.0		10.2	6.3
Greece-----	648	47.6	86.0	74.8	10.3	10.6	9.8	8.6	7.8		1.3	2.6
Ireland <sup>4</sup> -----	4,722	57.3	37.5	8.9	1.6	1.3	1.1	1.0	1.0		9.9	1.1
Italy-----	5,287	185.5	214.1	110.9	22.3	15.0	11.0	8.0	7.4		11.0	6.4
Netherlands-----	358	52.3	30.6	7.1	1.0	1.0	.8	.9	1.0		.8	.9
Norway-----	856	22.9	15.5	2.7	.4	.4	.4	.3	.3		1.8	.5
Poland <sup>2</sup> -----	511	10.0	53.5	24.1	4.1	3.5	3.5	3.2	3.3		1.1	1.6
Portugal-----	435	19.6	76.1	75.7	10.0	10.7	11.3	11.0	10.0		.9	2.3
Spain-----	255	7.9	44.7	29.8	5.5	4.7	2.0	2.8	5.6		.5	1.3
Sweden-----	1,271	21.7	17.1	4.4	.6	.6	.5	.6	.6		2.7	.5
Switzerland-----	348	17.7	18.5	6.0	.7	.7	.7	.8	.8		.7	.6
U.S.S.R. <sup>2</sup> -----	3,369	.6	2.3	21.8	.9	.9	.9	4.7	7.4		7.0	.1
Yugoslavia-----	112	8.2	20.4	24.4	5.2	5.0	2.9	2.3	2.3		.2	.6
Other Europe-----	305	10.8	9.2	12.1	1.9	1.8	1.3	2.0	2.0		.6	.3
<b>Asia</b> -----	<b>2,611</b>	<b>153.3</b>	<b>427.8</b>	<b>925.5</b>	<b>120.0</b>	<b>127.0</b>	<b>129.2</b>	<b>146.7</b>	<b>150.8</b>	<b>5.4</b>	<b>12.9</b>	<b>31.9</b>
China <sup>5</sup> -----	513	9.7	34.8	69.9	9.2	10.0	9.2	9.9	12.5		1.0	2.4
Hong Kong-----	7,172	15.5	75.0	81.6	10.3	10.7	12.5	13.7	12.3		.4	2.3
India-----	144	2.0	27.2	103.7	12.0	11.7	14.3	16.1	16.8		.3	3.6
Iran-----	734	3.4	10.3	20.7	2.9	2.5	2.2	2.6	4.2		.1	.3
Israel-----	781	25.5	29.6	25.4	2.9	2.9	3.5	5.2	4.4		.2	.9
Japan-----	401	46.3	40.0	36.4	6.1	5.4	4.8	4.8	4.5		.8	1.2
Jordan-----	735	5.8	11.7	17.6	2.1	2.5	2.3	2.4	2.9		.1	.3
Korea-----	7,218	6.2	34.5	177.9	22.3	27.5	28.1	30.6	30.7		.4	1.0
Lebanon-----	748	4.5	15.2	27.7	2.6	3.0	4.0	5.0	5.5		.1	.5
Philippines-----	8,358	19.3	98.4	235.3	30.2	32.5	31.3	36.8	38.5		.7	3.0
Turkey-----	384	3.5	10.1	8.8	1.4	1.4	1.1	1.0	1.0		.8	.3
Vietnam-----	926	2.7	4.2	22.6	4.5	3.1	2.7	2.4	3.4		.1	.8
Other Asia-----	202	9.0	36.7	98.0	13.5	13.8	13.2	16.2	14.1		.4	1.2
<b>America</b> -----	<b>8,784</b>	<b>996.9</b>	<b>1,716.4</b>	<b>1,314.7</b>	<b>179.6</b>	<b>178.8</b>	<b>174.7</b>	<b>169.2</b>	<b>223.2</b>	<b>18.2</b>	<b>51.7</b>	<b>45.3</b>
Argentina-----	10 90	19.5	49.7	20.0	2.9	2.9	2.8	2.7	3.1		.2	1.5
Brazil-----	10 55	13.8	29.3	12.4	1.8	1.6	1.4	1.4	1.9		.1	.9
Canada-----	4,081	378.0	413.3	112.5	14.8	12.3	11.2	11.4	18.0		8.5	12.4
Colombia-----	10 134	18.0	72.0	44.6	5.3	5.9	6.4	5.7	8.2		.3	2.2
Cuba-----	11 497	78.9	208.5	208.2	22.5	17.4	25.6	28.4	66.1		1.0	6.3
Dominican Rep.-----	11 197	9.9	93.3	93.8	14.0	15.7	14.1	12.4	11.6		.4	2.8
Ecuador-----	10 81	9.8	36.8	33.9	4.2	4.8	4.7	4.5	5.2		.2	1.1
El Salvador-----	10 39	5.9	15.0	18.0	2.0	2.3	2.4	2.4	4.4		.1	.4
Guatemala-----	10 37	4.7	15.9	15.5	1.8	1.6	1.9	2.0	3.7		.1	.5
Haiti-----	11 77	4.4	34.5	37.6	4.6	3.8	5.0	5.3	5.2		.1	1.0
Honduras-----	10 31	6.0	15.7	9.6	1.4	1.4	1.4	1.3	1.6		.1	.5
Mexico-----	2,031	299.8	453.9	438.5	70.4	71.9	62.6	58.4	44.6		4.2	13.7
Panama-----	10 44	11.7	19.4	13.0	1.7	1.7	1.7	1.8	2.5		.1	.6
Peru-----	10 43	7.4	19.1	16.0	1.8	2.0	2.3	2.6	3.9		.1	.6
West Indies-----	689	29.8	133.9	169.3	21.6	24.4	22.3	19.6	27.1		1.4	4.0
Other America-----	660	99.2	106.2	71.9	8.8	9.1	8.9	9.3	16.1		1.3	3.2
<b>Africa</b> -----	<b>121</b>	<b>14.1</b>	<b>29.0</b>	<b>45.2</b>	<b>5.5</b>	<b>5.2</b>	<b>5.9</b>	<b>5.7</b>	<b>9.6</b>	<b>.3</b>	<b>.9</b>	<b>1.6</b>
<b>Australia and New Zealand</b> -----	<b>117</b>	<b>11.5</b>	<b>19.6</b>	<b>16.5</b>	<b>2.5</b>	<b>2.0</b>	<b>1.8</b>	<b>2.1</b>	<b>2.5</b>	<b>.2</b>	<b>.6</b>	<b>.6</b>
<b>All other</b> -----	<b>305</b>	<b>14.0</b>	<b>5.7</b>	<b>11.3</b>	<b>1.3</b>	<b>1.4</b>	<b>1.8</b>	<b>1.9</b>	<b>2.2</b>	<b>.6</b>	<b>.2</b>	<b>.4</b>

<sup>1</sup> Includes transition quarter, July-Sept. 1976. <sup>2</sup> 1938-1945. Austria included with Germany; 1899-1919, Poland included with Austria-Hungary, Germany, and U.S.S.R. <sup>3</sup> Beginning 1952, includes data for United Kingdom not specified, formerly included with "Other Europe." <sup>4</sup> Comprises Eire and Northern Ireland. <sup>5</sup> Europe and Asia. <sup>6</sup> Beginning 1957, includes Taiwan. <sup>7</sup> Prior to 1951, included with "Other Asia." <sup>8</sup> Prior to 1951, Philippines included with "All other." <sup>9</sup> Prior to 1953, data for Vietnam not available. <sup>10</sup> Prior to 1951, included with "Other America." <sup>11</sup> Prior to 1951, included with "West Indies."

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

## NO. 127. IMMIGRANTS, BY COUNTRY OF BIRTH: 1951 TO 1977

[In thousands. For years ending June 30 except, beginning 1977, ending September 30. For definition of immigrants, see text, pp. 85-86. See headnote, table 126 for statement on boundary changes]

COUNTRY OF BIRTH	1951-1960, total	1961-1970, total	1971-1977, <sup>1</sup> total	1970	1973	1974	1975	1976	1977	PERCENT	
										1961-1970	1971-1977 <sup>1</sup>
<b>All countries</b> .....	<b>2,515.5</b>	<b>3,321.7</b>	<b>2,900.8</b>	<b>373.3</b>	<b>400.1</b>	<b>394.9</b>	<b>386.2</b>	<b>398.6</b>	<b>462.3</b>	<b>100.0</b>	<b>100.0</b>
<b>Europe</b> <sup>2</sup> .....	<b>1,492.2</b>	<b>1,238.6</b>	<b>595.2</b>	<b>116.0</b>	<b>92.9</b>	<b>81.2</b>	<b>74.0</b>	<b>72.4</b>	<b>70.0</b>	<b>37.3</b>	<b>20.5</b>
Austria.....	29.7	13.7	3.4	.9	.5	.4	.4	.3	.4	.4	.1
Belgium.....	12.9	8.5	2.8	.5	.3	.4	.3	.4	.4	.3	.1
Czechoslovakia.....	28.8	21.4	7.6	4.5	1.6	.7	.5	.6	.6	.6	.3
Denmark.....	13.7	11.8	3.0	.6	.4	.4	.4	.4	.4	.4	.1
Finland.....	6.7	5.8	3.0	.5	.3	.3	.3	.3	.3	.2	.1
France.....	38.0	34.3	12.3	2.5	1.8	1.6	1.4	1.5	1.6	1.0	.4
Germany.....	345.5	200.0	46.4	9.7	6.6	6.3	5.2	5.8	6.4	6.0	1.6
Greece.....	43.4	90.2	76.8	16.5	10.8	10.8	10.0	8.4	7.8	2.7	2.6
Hungary.....	64.5	17.3	9.1	1.8	1.6	1.3	.9	.9	.9	.5	.3
Ireland.....	64.4	42.4	11.0	1.6	2.0	1.6	1.3	1.2	1.2	1.3	.4
Italy.....	188.0	206.7	111.1	25.0	22.2	15.9	11.6	8.4	7.5	6.2	3.8
Netherlands.....	47.2	27.8	7.2	1.5	1.0	1.0	.8	.9	1.0	.8	.2
Norway.....	24.7	16.4	3.5	.5	.4	.4	.4	.3	.3	.5	.1
Poland.....	128.0	73.3	29.2	3.6	4.9	4.0	3.9	3.8	4.0	2.2	1.0
Portugal.....	20.4	79.3	78.5	13.2	10.8	11.3	11.8	10.5	9.7	2.4	2.7
Romania.....	17.4	14.9	12.0	1.8	1.6	1.6	1.2	2.2	2.0	.4	.4
Spain.....	10.7	30.5	23.8	4.1	4.1	3.4	2.5	2.3	2.5	.9	.8
Sweden.....	18.9	16.7	4.2	.7	.6	.6	.5	.5	.6	.5	.1
Switzerland.....	17.2	16.3	4.4	1.1	.6	.5	.5	.6	.6	.5	.2
U. Kingdom.....	208.9	230.5	79.9	14.2	10.6	10.7	10.8	11.4	12.5	6.9	2.8
U.S.S.R.....	46.5	15.7	24.8	.9	1.2	1.2	5.1	8.2	5.7	.5	.9
Yugoslavia.....	58.7	46.2	35.2	8.6	7.6	5.8	3.5	2.8	2.8	1.4	1.2
<b>Asia</b> <sup>2</sup> .....	<b>157.1</b>	<b>445.3</b>	<b>958.7</b>	<b>94.9</b>	<b>124.2</b>	<b>130.7</b>	<b>132.4</b>	<b>149.9</b>	<b>157.8</b>	<b>13.4</b>	<b>33.0</b>
China <sup>3</sup> .....	32.7	96.7	129.4	14.1	17.3	18.1	18.5	18.8	20.0	2.9	4.5
Hong Kong.....	3.1	25.6	34.4	3.9	4.4	4.6	4.9	5.8	5.6	.8	1.2
India.....	3.1	31.2	113.6	10.1	13.1	12.8	15.8	17.5	18.6	.9	3.9
Iran.....	2.5	10.4	21.4	1.8	3.0	2.6	2.3	2.7	4.3	.3	.7
Iraq.....	1.4	6.4	15.8	1.2	1.0	2.3	3.0	3.4	2.8	.2	.5
Israel.....	8.6	12.0	16.6	2.0	1.9	2.0	2.1	3.0	3.0	.4	.6
Japan.....	44.7	38.5	33.4	4.5	5.5	4.9	4.3	4.3	4.2	1.2	1.2
Jordan.....	5.1	14.0	19.1	2.8	2.5	2.8	2.6	2.6	2.9	.4	.7
Korea.....	7.0	35.8	151.1	9.3	22.9	28.0	28.4	30.8	30.9	1.1	6.2
Lebanon.....	3.2	7.5	20.6	1.9	2.0	2.4	2.1	2.8	5.7	.2	.7
Philippines.....	17.2	101.5	239.5	31.2	30.8	32.9	31.8	37.3	39.1	3.1	8.3
Thailand.....	(NA)	5.0	33.1	1.8	4.9	5.0	4.2	6.9	3.9	.2	1.1
Turkey.....	2.4	6.8	13.1	2.1	1.9	1.9	1.6	1.7	1.8	.2	.5
Vietnam.....	2.0	4.6	25.0	1.5	4.6	3.2	3.0	3.0	4.6	.1	.9
<b>North America</b> <sup>2</sup> .....	<b>769.1</b>	<b>1,351.1</b>	<b>1,101.8</b>	<b>129.1</b>	<b>152.8</b>	<b>151.4</b>	<b>146.7</b>	<b>142.3</b>	<b>187.3</b>	<b>40.7</b>	<b>38.0</b>
Canada.....	274.9	286.7	70.5	13.8	9.0	7.7	7.3	7.6	12.7	8.6	2.4
Mexico.....	310.3	443.3	436.1	44.5	70.1	71.6	62.2	57.9	44.1	13.3	15.0
West Indies <sup>2</sup> .....	122.8	519.5	521.0	61.4	64.8	63.0	67.4	66.8	114.0	15.6	18.0
Barbados.....	1.6	9.4	12.8	1.8	1.4	1.5	1.6	1.7	2.8	.3	.4
Cuba.....	78.3	256.8	216.4	10.3	24.1	18.9	26.0	29.2	69.8	7.7	7.5
Dominican Republic.....	9.8	94.1	93.8	10.8	13.9	15.7	14.0	12.5	11.7	2.8	3.2
Haiti.....	4.0	37.5	39.1	6.9	4.8	3.9	5.1	5.4	5.4	1.1	1.3
Jamaica.....	8.7	71.0	84.1	15.0	10.0	12.4	11.1	9.0	11.5	2.1	2.9
Trinidad and Tobago.....	1.6	24.6	45.3	7.4	7.0	6.5	6.0	4.8	6.1	.7	1.6
Central America.....	44.6	97.7	73.7	9.3	8.8	9.2	9.7	9.9	16.5	2.9	2.5
El Salvador.....	4.8	15.0	18.0	1.7	2.0	2.3	2.4	2.4	4.4	.5	.6
Guatemala.....	4.1	15.4	15.3	2.1	1.8	1.6	1.9	2.0	3.6	.5	.5
Panama.....	9.7	18.4	12.6	1.6	1.6	1.7	1.7	1.7	2.4	.6	.4
<b>South America</b> <sup>2</sup> .....	<b>72.2</b>	<b>228.3</b>	<b>167.6</b>	<b>22.0</b>	<b>20.3</b>	<b>22.3</b>	<b>23.0</b>	<b>22.7</b>	<b>33.0</b>	<b>6.9</b>	<b>5.8</b>
Argentina.....	14.3	42.1	15.7	3.4	2.0	2.1	2.2	2.3	2.8	1.3	.5
Brazil.....	8.9	20.5	8.7	1.9	1.2	1.1	1.1	1.0	1.5	.6	.3
Colombia.....	17.6	70.3	44.8	6.8	5.2	5.8	6.4	5.7	8.3	2.1	1.5
Ecuador.....	9.5	37.0	33.9	4.4	4.1	4.8	4.7	4.5	5.3	1.1	1.2
Guyana.....	1.0	7.1	24.5	1.8	3.0	3.2	3.2	3.3	5.7	.2	.8
Peru.....	5.7	18.6	15.6	.9	1.7	1.9	2.3	2.6	3.9	.6	.5
<b>Africa</b> <sup>2</sup> .....	<b>16.6</b>	<b>39.3</b>	<b>53.0</b>	<b>8.1</b>	<b>6.7</b>	<b>6.2</b>	<b>6.7</b>	<b>7.7</b>	<b>10.1</b>	<b>1.2</b>	<b>1.8</b>
Egypt.....	3.7	17.2	16.5	4.9	2.3	1.8	1.7	1.8	2.3	.5	.6
Australia.....	3.7	9.9	9.9	1.7	1.4	1.2	1.1	1.4	1.4	.3	.3
New Zealand.....	1.3	3.7	4.1	.6	.5	.4	1.1	.4	.6	.1	.1
Other countries.....	3.3	5.5	10.5	.9	1.3	1.5	1.2	2.0	2.1	.2	.4

NA Not available. <sup>1</sup> Includes transition quarter, July-Sept. 1976.

<sup>2</sup> Includes countries not shown separately. <sup>3</sup> Includes Taiwan.

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

**NO. 128. IMMIGRANTS ADMITTED AS PERMANENT RESIDENTS UNDER REFUGEE ACTS, BY COUNTRY OF BIRTH: 1954 TO 1977**

[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; and Cuban parolees under Nov. 1966 Act]

COUNTRY OF BIRTH	1954-1977	1974	1975	1976	1977	COUNTRY OF BIRTH	1954-1977	1974	1975	1976	1977
Total	732,551	25,650	34,665	39,228	78,485	Asia <sup>1</sup>	70,870	3,186	3,637	3,869	3,451
Europe <sup>1</sup>	324,775	5,990	5,571	8,017	6,520	China <sup>2</sup>	24,418	1,548	1,586	1,364	975
Austria	5,697	27	16	9	8	Indonesia	15,956	1	23	11	21
Bulgaria	3,403	126	73	117	70	Japan	4,355	2	-	-	3
Czechoslovakia	11,282	165	118	110	138	Korea	4,442	2	1	1	2
Germany	22,084	9	10	14	21	Vietnam	1,334	-	1	5	1,319
Greece	19,268	28	30	95	76	Other Asia	20,365	1,633	2,026	2,488	1,131
Hungary	51,779	528	303	320	271	N. America	327,238	16,131	25,228	27,092	68,171
Italy	60,390	67	26	13	22	Cuba	325,486	16,087	25,136	26,996	67,985
Netherlands	17,428	1	5	-	-	Other North America	1,752	44	92	96	186
Poland	19,430	580	425	389	504	S. America	754	50	84	94	258
Portugal	5,006	2	2	1	2	Africa	8,757	292	144	156	85
Romania	16,066	602	453	617	722	Other	157	1	-	-	-
Spain	9,012	622	267	165	602						
U.S.S.R.	20,993	409	3,141	5,847	3,972						
Yugoslavia	49,354	2,771	659	267	44						
Other Europe	12,983	53	43	44	70						

- 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. 129. 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. 86]

CHARACTERISTIC	Number (1,000)	Percent	CHARACTERISTIC	Number (1,000)	Percent
Refugees, total, 1978	176.3	100.0	Occupation <sup>3</sup>	30.6	100.0
Refugees, total, 1977	148.4	100.0	Medical professions	2.2	7.2
Refugees, total, 1976	144.1	100.0	Prof., tech., and managerial	7.4	24.0
Refugees, total, 1975	123.3	100.0	Clerical and sales	3.6	11.7
1975			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
Age:			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. 130. CUBAN REFUGEE PROGRAM: 1961 TO 1978**

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

ITEM	1961-1965, total	1966-1970, total	1971-1975, total	1971	1972	1973	1974	1975	1976	1977 <sup>1</sup>	1978 <sup>1</sup>
Cuban Refugee Center, Miami, Fla.:											
Registrations	177.7	178.2	82.7	46.9	19.0	6.9	4.6	5.3	3.2	2.0	1.5
Resettlements to other areas	89.7	139.4	48.5	32.4	12.5	2.7	.5	.4	.4	.3	.1
Refugees receiving welfare assistance <sup>2</sup>	(X)	(X)	(X)	77.7	90.7	86.8	34.0	29.1	28.8	22.2	21.4
In Florida	(X)	(X)	(X)	32.4	35.6	39.6	14.9	12.9	12.5	11.2	10.6
In other States	(X)	(X)	(X)	45.3	55.1	47.2	19.1	16.2	16.3	11.0	10.8
Total cost of program <sup>3</sup> , mil. dol.	177.2	294.8	591.5	112.1	136.7	143.7	114.8	84.2	83.8	66.4	54.1

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. 131. ENTRIES OF ALIENS AND CITIZENS OVER INTERNATIONAL LAND BOUNDARIES: 1950 TO 1978

[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
1972.....	227.2	132.0	95.2	74.6	40.7	33.9	152.6	91.3	61.3
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	96.7	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

### NO. 132. FOREIGN LABORERS ADMITTED, BY COUNTRY OF LAST PERMANENT RESIDENCE: 1960 TO 1978

[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 137. 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	1972	1973	1974	1975	1976	1977	1978
Total.....	447,207	155,761	47,483	38,752	37,294	33,908	25,434	22,124	21,671	18,679
Agricultural laborers:										
Mexico.....	427,240	103,563	-	-	-	-	-	-	-	-
Canada.....	7,804	8,149	3,156	1,895	1,458	1,250	970	572	399	312
West Indies.....	10,874	15,397	15,895	12,171	11,712	11,625	11,245	11,568	11,661	10,955
Japan.....	969	31	-	-	-	-	-	-	-	-
Spain (Basque sheep-herders).....	213	453	463	321	381	322	211	185	206	274
Others:										
Canada woodsmen.....	(NA)	13,281	8,238	7,373	8,310	5,685	3,671	2,696	2,303	2,059
U.S. V.I. workers.....	(NA)	13,614	15,459	11,580	10,582	9,901	7,286	5,967	4,304	3,677
Workers admitted into Guam.....	-	1,373	4,272	5,412	4,851	5,125	2,051	1,136	2,798	2,002

- 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.

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

### NO. 133. ALIENS ADMITTED AND EXPELLED: 1951 TO 1978

[In thousands. For years ending June 30 except, beginning 1977, ending September 30. For aliens departed by air, see table 419. See also *Historical Statistics, Colonial Times to 1970*, series C 144, C 149, and C 158-160.]

STATUS	1951-1960	1961-1970	1971-1978 <sup>1</sup>	1970	1973	1974	1975	1976	1977	1978
Aliens admitted.....	9,629	27,429	(NA)	4,805	6,377	7,304	7,470	8,054	8,499	(NA)
Immigrant.....	2,515	3,321	(NA)	373	400	395	386	399	462	(NA)
Nonimmigrant.....	7,113	24,107	57,255	4,432	5,977	6,909	7,084	7,655	8,037	9,344
Deportable aliens located.....	3,584	1,608	6,335	345	656	788	767	876	1,042	1,058
Entry without inspection <sup>2</sup> .....	(NA)	780	5,504	244	551	693	668	773	935	971
From Mexico.....	(NA)	756	5,273	240	542	681	655	757	921	820
From other No. Am. countries.....	(NA)	28	51	4	5	5	5	4	11	12
Aliens departed.....	6,682	19,277	32,787	3,246	4,594	5,059	5,130	5,146	5,381	(NA)
Aliens expelled.....	4,014	1,431	5,750	320	585	738	679	793	897	1,004
Deported.....	130	96	189	17	17	19	23	28	30	23
Required to depart.....	3,884	1,334	5,562	303	568	719	656	765	867	976

NA Not available. <sup>1</sup> Includes transition quarter, July-Sept. 1976.

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

<sup>3</sup> Covers 1971-1977 only.

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

## NO. 134. ALIEN DEPORTATION, BY SELECTED CAUSES: 1951 TO 1978

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

CAUSE	1951-1960	1961-1970	1971-1973 <sup>1</sup>	1970	1973	1974	1975	1976	1977	1978
<b>Total</b> .....	129,887	96,374	188,533	16,893	16,842	18,824	23,438	27,998	30,228	28,371
Entry without inspection or by false statements.....	54,457	43,561	133,937	8,035	9,342	11,839	16,529	21,777	25,012	24,165
Failure to maintain or comply with conditions of nonimmigrant status.....	25,260	31,334	30,065	4,436	3,989	3,839	3,649	3,782	3,150	2,543
Criminal.....	6,742	3,694	2,054	268	226	191	225	272	285	220
Violation of narcotic laws.....	947	1,462	3,173	202	395	396	583	464	372	314
Previously excluded or deported.....	4,002	3,601	3,606	393	594	440	526	481	315	236
Entry without proper documents.....	35,090	11,831	15,311	3,511	2,247	2,086	1,896	1,185	1,066	871
Other.....	3,389	891	297	48	49	33	30	37	28	22

<sup>1</sup> Includes transition quarter, July-Sept. 1976.Source: U.S. Immigration and Naturalization Service, *Annual Report*.

## NO. 135. IMMIGRATION AND NATIONALITY VIOLATIONS—SUMMARY: 1960 TO 1978

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

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978
<b>Prosecutions disposed of</b> .....	2,773	3,714	6,034	16,415	17,734	14,172	17,126	17,176	16,796
Immigration violations.....	2,589	3,288	5,510	16,201	17,608	13,947	16,928	16,797	16,445
Nationality violations.....	184	426	524	214	126	225	198	379	351
<b>Convictions</b> .....	2,557	3,442	5,497	15,468	16,634	12,811	15,772	15,388	15,348
Immigration violations.....	2,400	3,037	4,991	15,386	16,570	12,676	15,653	15,223	15,140
Percent of prosecutions.....	92.7	92.4	90.6	95.0	94.1	90.9	92.5	90.6	92.1
Nationality violations.....	157	405	506	72	64	135	119	165	208
Percent of prosecutions.....	85.3	95.1	96.6	33.6	50.8	60.0	60.1	43.5	59.3
Aggregate fines.....\$1,000.....	39	126	250	1,008	927	755	1,050	879	786
Aggregate imprisonment.....years.....	1,994	3,422	4,042	5,755	5,998	5,313	6,367	6,478	7,597

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

## NO. 136. IMMIGRATION BORDER PATROL ACTIVITIES: 1965 TO 1978

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

ITEM	1965	1970	1972	1973	1974	1975	1976	1977	1978
Persons apprehended <sup>1</sup> .....	53.3	233.9	373.9	503.9	640.9	602.2	701.6	820.4	870.6
Deportable aliens located.....	52.4	231.1	369.5	498.1	634.8	596.8	696.0	812.5	862.2
Mexican.....	44.2	219.3	355.1	480.6	616.6	579.4	678.4	792.6	841.5
Canadian.....	5.8	7.8	8.2	8.7	7.4	7.3	5.9	5.8	6.5
Other.....	2.5	4.1	6.2	8.9	10.8	10.1	11.7	14.1	14.2
Aliens smuggled into U.S.....	1.8	18.7	24.9	41.6	83.1	80.4	82.9	138.8	159.2
Aliens located:									
Previously expelled.....	14.0	67.4	115.8	152.4	182.4	184.6	186.9	241.1	266.8
Previous criminal record.....	4.0	3.8	4.4	11.2	10.9	10.3	13.1	12.3	11.9
Conveyances examined.....	1,172	1,792	2,473	2,666	2,905	3,470	3,277	3,277	3,658
Automobiles.....	752	1,311	1,893	2,020	2,230	2,663	2,440	2,647	2,543
Persons questioned <sup>2</sup> .....	5,285	6,805	9,024	9,507	10,202	11,265	10,783	11,606	11,343
In automobiles.....	1,877	3,416	4,855	5,135	5,591	6,888	6,145	6,844	6,643
Pedestrians.....	2,065	1,661	1,982	2,145	2,243	2,056	2,293	2,333	2,186
Value of seizures.....\$1,000.....	594	4,547	12,961	25,954	47,210	28,654	18,019	19,557	8,348
Narcotics.....\$1,000.....	394	3,865	11,709	23,464	45,056	26,302	16,035	17,071	6,251

<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. 137. NONIMMIGRANTS ADMITTED, BY CLASSES: 1966 TO 1978

[In thousands. For years ending June 30 except, beginning 1977, ending September 30. For definition of nonimmigrants, see text, p. 85. 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.	1970	1973	1974	1975	1976	1977	1978
Nonimmigrants-----	3,245.5	5,909.0	4,431.9	5,977.3	6,908.7	7,083.9	7,654.5	8,036.9	9,343.7
Temporary visitors, total-----	2,370.2	4,548.1	3,845.2	4,528.5	5,326.3	5,587.4	6,096.8	6,381.4	7,443.4
Percent of total-----	73.0	77.0	75.5	75.8	77.1	78.9	79.6	79.4	79.7
For pleasure-----	2,109.3	4,100.4	3,020.4	4,087.0	4,782.5	5,060.0	5,513.2	5,697.3	6,842.7
For business-----	260.8	441.7	324.8	441.5	543.8	527.4	583.6	684.1	800.7
Returning resident aliens <sup>1</sup> -----	366.0	695.6	495.5	739.4	842.3	800.0	844.3	897.7	1,053.6
Transit aliens-----	211.6	265.0	231.9	264.6	296.5	273.0	263.8	252.1	273.1
Foreign government officials <sup>2</sup> -----	44.0	62.0	50.5	57.6	70.7	68.4	77.0	71.2	83.8
Treaty traders and investors-----	13.2	32.7	19.2	41.3	36.9	35.0	37.4	44.0	50.4
Students <sup>2</sup> -----	83.2	109.4	107.3	100.0	119.9	118.0	133.0	171.0	203.7
Representatives to international organizations <sup>2</sup> -----	19.7	30.4	23.8	29.7	34.4	32.6	37.1	38.2	44.0
Temporary workers and industrial trainees-----	72.9	67.0	86.5	66.9	71.7	67.3	56.5	50.3	51.3
Workers of distinguished merit and ability-----	9.8	14.5	11.1	15.7	15.1	15.6	14.8	15.7	16.8
Other temporary workers-----	58.8	38.5	69.3	37.3	40.9	37.5	29.7	27.7	22.0
Industrial trainees-----	4.1	4.2	5.3	4.0	4.4	3.8	2.8	3.2	3.3
Their spouses and children-----	(x)	9.9	.8	9.9	11.4	10.6	9.2	9.7	8.3
Representatives of foreign information media-----	3.7	5.6	4.7	5.6	6.1	6.1	8.2	8.4	10.0
Exchange visitors <sup>2</sup> -----	58.0	66.1	66.6	63.6	69.2	63.4	62.8	71.5	75.1
NATO officials <sup>2</sup> -----	2.4	3.4	2.3	3.3	4.1	4.0	5.1	5.1	5.9
Persons betrothed to U.S. citizens and their children-----	(x)	7.9	.1	9.5	9.4	6.4	6.2	7.2	6.4
Intracompany transferees <sup>2</sup> -----	(x)	15.9	.4	17.4	21.3	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. 138. 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. 85. 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
Total-----	3,246	5,909	7,084	8,037	9,344	Europe <sup>1</sup> -----	1,242	1,914	2,076	2,451	3,020
America <sup>1</sup> -----	1,501	2,831	3,477	3,750	4,213	Austria-----	21	29	32	38	40
Argentina-----	41	62	96	90	116	Belgium-----	21	34	37	48	62
Bahamas-----	62	83	71	87	108	Denmark-----	25	32	34	44	52
Brazil-----	36	71	93	68	86	France-----	127	191	191	246	283
Canada-----	133	193	223	275	262	Germany-----	209	345	385	450	550
Colombia-----	45	86	91	121	152	Greece-----	34	51	62	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	62	Netherlands-----	61	88	98	126	159
Haiti-----	16	33	43	52	68	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	99
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	16	19
Asia <sup>1</sup> -----	292	930	1,260	1,461	1,692	United Kingdom-----	329	533	582	665	878
China <sup>2</sup> -----	24	53	63	80	91	Yugoslavia-----	14	24	27	30	35
Hong Kong-----	8	20	28	30	37	Africa-----	43	71	89	130	165
India-----	24	56	69	80	101	Australia and New Zealand-----	74	124	149	210	161
Iran-----	9	24	35	98	131	Other countries-----	95	41	33	35	93
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 137 and 138: U.S. Immigration and Naturalization Service, *Annual Report*.

**NO. 139. ALIENS REPORTING UNDER ALIEN ADDRESS PROGRAM: 1960 TO 1978**

[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	1977	1978		STATE OR AREA OF RESIDENCE	1960	1970	1977	1978	
				Number	Per cent					Number	Per cent
<b>Total</b> .....	<b>2,949</b>	<b>4,247</b>	<b>4,964</b>	<b>4,980</b>	<b>100.0</b>	<b>Total</b> .....	<b>2,949</b>	<b>4,247</b>	<b>4,964</b>	<b>4,980</b>	<b>100.0</b>
Canada.....	295	428	337	333	6.7	Ariz.....	35	49	64	64	1.3
China <sup>1</sup> .....	48	107	138	144	2.9	Calif.....	567	982	1,261	1,284	25.8
Colombia.....	12	59	68	78	1.6	Colo.....	20	23	33	35	0.7
Cuba.....	63	433	374	355	7.1	Conn.....	75	109	95	94	1.9
Dominican Rep.....	(NA)	72	97	118	2.4	Fla.....	84	290	369	370	7.4
Ecuador.....	6	31	46	51	1.0	Hawaii.....	51	53	69	70	1.4
France.....	35	47	38	37	.7	Ill.....	199	264	287	288	5.8
Germany.....	263	229	171	167	3.4	Ind.....	29	30	33	31	.6
Greece.....	49	73	73	66	1.3	Md.....	28	48	66	65	1.3
India.....	10	42	109	113	2.3	Mass.....	128	169	175	169	3.4
Ireland.....	68	52	31	29	.6	Mich.....	142	146	139	136	2.7
Italy.....	257	247	203	195	3.9	N.J.....	151	233	277	276	5.5
Jamaica.....	(NA)	60	64	90	1.8	N.Y.....	554	821	801	796	16.0
Japan.....	72	82	102	103	2.1	Ohio.....	109	98	88	85	1.7
Korea.....	10	31	143	158	3.2	Pa.....	126	110	110	109	2.2
Mexico.....	510	734	963	989	19.9	R.I.....	13	26	31	32	.6
Netherlands.....	40	48	38	36	.7	Texas.....	238	258	378	392	7.9
Philippines.....	61	125	226	231	4.6	Va.....	19	31	52	52	1.0
Poland.....	167	124	86	87	1.7	Wash.....	51	63	72	73	1.5
Portugal.....	32	81	123	128	2.6	Wis.....	35	35	33	32	.6
United Kingdom.....	227	330	319	321	6.5	P.Rico.....	6	52	45	44	.9
Vietnam.....	(NA)	4	125	123	2.5	V.Islands.....	3	19	21	22	.4
Yugoslavia.....	51	43	41	40	.8	All other.....	281	338	465	461	9.4
All other.....	673	765	1,049	988	19.7						

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

**NO. 140. ALIEN NATURALIZATION—DECLARATIONS, PETITIONS, AND CERTIFICATES: 1907 TO 1977**

[In thousands. For years ending June 30 except, beginning 1977, ending September 30. No national data compiled prior to fiscal year 1907. Includes U.S. outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series C 103 and C 180]

PERIOD OR YEAR	Declarations filed <sup>1</sup>	PETITIONS <sup>2</sup>		CERTIFICATES ISSUED				
		Filed	Denied	Total	Status		Sex	
					Civilian	Military	Male	Female
<b>Total, 1907-1977</b> .....	<b>8,786.1</b>	<b>10,408.2</b>	<b>479.3</b>	<b>3,979.8</b>	<b>9,199.6</b>	<b>599.2</b>	<b>4,545.4</b>	<b>3,660.6</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	<sup>4</sup> 1,166.2	<sup>4</sup> 255.2
1931-1940.....	1,369.5	1,637.1	45.8	1,518.5	1,498.6	19.9	988.4	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	<sup>5</sup> 1,230.5	27.6	<sup>5</sup> 1,089.9	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	806.8
1971-1977 <sup>6</sup> .....	105.4	1,029.8	15.6	969.2	918.0	51.2	452.3	516.6
1950.....	93.5	66.0	2.3	66.4	64.3	2.1	25.7	40.6
1955.....	10.9	<sup>5</sup> 213.5	4.6	<sup>5</sup> 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
1971.....	19.7	109.9	2.0	108.4	98.9	9.5	51.1	57.3
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

- 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.  
<sup>6</sup> Includes transition quarter, July-Sept. 1976.

Source of tables 139 and 140: U.S. Immigration and Naturalization Service, *Annual Report*.

## No. 141. ALIENS NATURALIZED—CHARACTERISTICS: 1960 TO 1977

[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	1971	1972	1973	1974	1975	1976	1977
<b>Total naturalized.....</b>	<b>119,442</b>	<b>104,299</b>	<b>110,399</b>	<b>108,407</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>
Under general naturalization provisions <sup>1</sup> .....	91,548	76,630	79,761	79,491	89,475	94,039	103,450	113,289	114,653	131,331
Under special provisions.....	27,894	27,669	30,638	28,916	26,740	26,701	28,205	28,248	27,851	28,542
Married to U.S. citizens.....	19,799	16,602	14,899	14,162	13,211	13,380	14,768	15,416	15,138	16,394
Children of U.S. citizens <sup>2</sup> .....	6,149	7,914	5,023	5,116	4,961	5,461	6,511	6,568	7,038	7,787
Filipinos <sup>3</sup> .....	88	3	-	5	1	-	1	-	-	-
Military.....	1,594	3,085	10,616	9,549	8,475	7,796	6,848	6,214	5,631	5,291
Other.....	264	65	100	84	92	64	77	50	44	70
<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>51,164</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>
Single.....	14,341	15,358	14,196	13,781	14,917	15,423	16,946	17,789	16,973	18,709
Married.....	34,517	31,766	36,979	35,724	38,794	39,752	41,982	46,723	46,898	52,842
Widowed.....	1,183	593	397	412	461	405	423	401	370	381
Divorced.....	852	773	1,088	1,208	1,244	1,321	1,472	1,674	1,766	1,945
<b>Females<sup>4</sup>.....</b>	<b>68,546</b>	<b>55,804</b>	<b>57,733</b>	<b>57,243</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>
Single.....	10,330	11,746	11,458	11,852	12,373	13,103	14,964	15,392	15,977	17,677
Married.....	52,252	40,483	42,128	41,169	43,907	46,271	50,880	54,487	55,308	62,887
Widowed.....	4,694	2,416	2,240	2,136	2,301	2,267	2,298	2,171	2,082	2,343
Divorced.....	1,262	1,156	1,901	2,059	2,215	2,198	2,690	2,900	3,130	3,659
Males per 1,000 females.....	743	869	912	894	911	891	859	888	863	848
Median age.....years.....	38.0	34.1	34.1	33.9	34.4	34.4	34.1	33.9	33.2	34.4
Male.....years.....	38.9	34.6	34.4	34.3	34.9	35.0	34.6	34.7	35.0	35.0
Female.....years.....	37.3	33.7	33.8	33.7	33.9	33.8	33.6	33.3	31.4	33.7

- Represents zero. <sup>1</sup> See text, p. 86. <sup>2</sup> Includes adopted children.

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

## No. 142. ALIENS NATURALIZED, BY COUNTRY OF FORMER ALLEGIANCE, AND BY STATE OF RESIDENCE: 1970 TO 1977

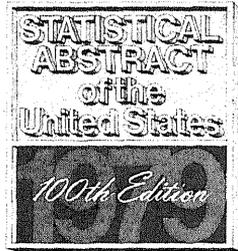
[For years ending June 30 except, beginning 1977, ending September 30. Includes U.S. outlying areas. See also *Historical Statistics, Colonial Times to 1970*, series C 169-179]

COUNTRY OF FORMER ALLEGIANCE	1970	1975	1977		STATE OR AREA OF RESIDENCE	1970	1975	1977	
			Number	Percent				Number	Percent
<b>Total.....</b>	<b>110,399</b>	<b>141,537</b>	<b>159,873</b>	<b>100.0</b>	<b>Total.....</b>	<b>110,399</b>	<b>141,537</b>	<b>159,873</b>	<b>100.0</b>
Canada.....	6,340	3,548	3,750	2.4	Arizona.....	1,007	1,088	1,120	.7
Central America <sup>1</sup> .....	2,480	2,773	3,094	1.9	California.....	20,054	26,334	27,835	17.4
China <sup>2</sup> .....	3,099	6,693	11,143	7.0	Colorado.....	716	878	1,438	.9
Colombia.....	970	1,989	2,029	1.3	Connecticut.....	2,444	3,509	3,099	2.0
Czechoslovakia.....	506	1,738	1,483	.9	Florida.....	11,556	10,576	17,478	10.9
Egypt.....	377	1,988	1,338	1.2	Georgia.....	873	853	1,131	.7
Germany.....	10,067	5,187	4,856	3.0	Hawaii.....	2,658	3,094	4,532	2.8
Greece.....	2,906	6,647	6,151	3.9	Illinois.....	6,823	9,707	8,999	5.6
India.....	325	2,720	5,574	3.5	Indiana.....	749	1,113	1,132	.7
Italy.....	7,892	8,798	7,891	4.9	Maryland.....	1,855	2,227	2,710	1.7
Israel.....	1,516	1,844	1,548	1.0	Massachusetts.....	3,813	5,448	5,532	3.5
Korea.....	1,687	6,007	11,887	7.5	Michigan.....	2,865	3,674	3,271	2.1
Mexico.....	6,195	5,781	6,301	3.9	Minnesota.....	515	1,011	1,321	.8
Philippines.....	5,469	15,330	16,145	10.1	Missouri.....	744	983	1,403	.9
Poland.....	3,426	3,069	2,768	1.7	New Jersey.....	6,633	8,207	11,749	7.4
Portugal.....	1,374	3,728	3,739	2.3	New York.....	21,684	31,700	32,599	20.4
United Kingdom <sup>3</sup> .....	7,549	8,532	9,345	5.9	Ohio.....	2,589	3,741	4,098	2.6
Vietnam.....	282	1,369	1,412	.9	Oregon.....	481	734	1,032	.7
<b>West Indies<sup>1</sup>.....</b>	<b>22,675</b>	<b>22,692</b>	<b>29,931</b>	<b>18.7</b>	Pennsylvania.....	3,169	3,499	4,046	2.5
Cuba.....	20,888	15,546	20,506	12.8	Texas.....	4,858	4,569	5,544	3.4
Dominican Rep.....	538	1,518	1,904	1.2	Virginia.....	1,509	2,207	2,230	1.4
Haiti.....	433	1,966	1,870	1.2	Washington.....	1,362	1,924	2,011	1.2
Jamaica.....	479	2,152	3,849	2.4	Wisconsin.....	913	992	1,246	.8
Other West Indies.....	337	1,510	1,802	1.1	Guam.....	556	1,130	683	.4
Yugoslavia.....	1,725	3,273	2,447	1.5	Puerto Rico.....	1,585	1,625	1,749	1.1
Other.....	23,539	25,131	26,432	16.5	Other.....	8,448	10,014	11,385	7.4

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

Source of tables 141 and 142: 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. Data on national health expenditures, medical costs, insurance coverage, and hospital costs, 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 *Social Security Bulletin*, issued monthly. Statistics on health personnel and inpatient and outpatient facilities are published biennially (annually prior to the 1976-77 edition) by the U.S. National Center for Health Statistics (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, *Government Finances*; the Office of Education; the Occupational Safety and Health Administration; the National Aeronautics and Space Administration; and the National Institutes of Health. For details, see the section on "Concepts, Definitions, and Sources of Data" in the annual report on national health expenditures published in the *Social Security Bulletin*.

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. (HRA) 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 Social Security 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 74 and 75). Data concerning long-term institutional care are available from the Survey of Institutionalized Persons conducted by the Bureau of the Census for the 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*.

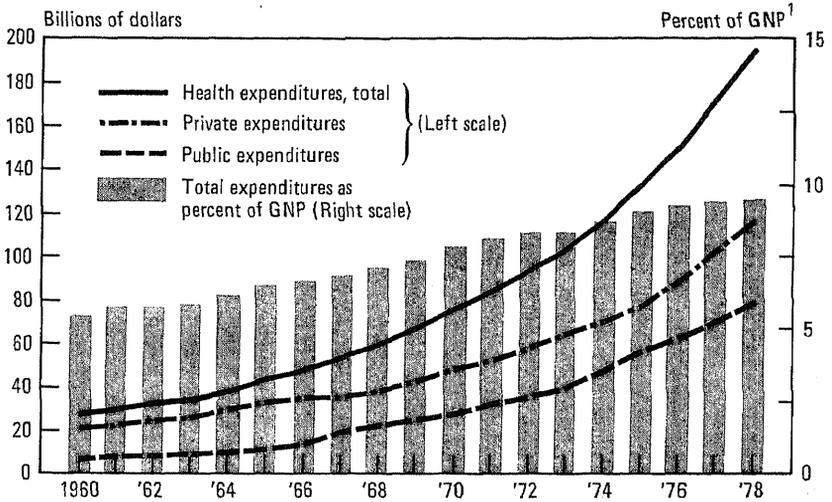
**Statistical reliability.**—For discussion of statistical collection, estimation, and sampling procedures and measures of statistical reliability applicable to data from NCHS and the Health Care Financing Administration, see Appendix III.

**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 1978**

(See table 144)



<sup>1</sup> Gross national product.

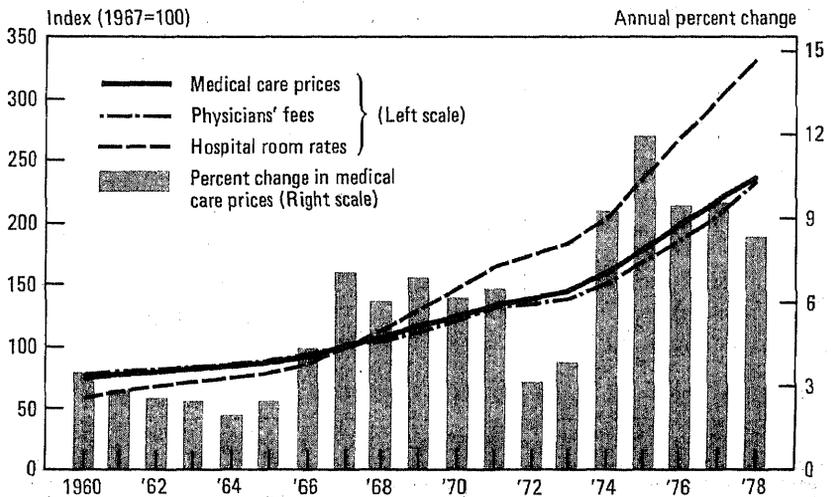
Source: Chart prepared by U.S. Bureau of the Census.

Data from U.S. Health Care Financing Administration.

Figure 4.2

**Indexes of Medical Care  
Prices: 1960 to 1978**

(See table 151)



Source: Chart prepared by U.S. Bureau of the Census.

Data from U.S. Bureau of Labor Statistics.

No. 143. NATIONAL HEALTH EXPENDITURES: 1950 to 1978

[1950-1960, for years ending June 30; beginning 1965, for calendar year]

YEAR	TOTAL <sup>1</sup>		HEALTH SERVICES AND SUPPLIES							
	Total (bil. dol.)	Per-cent of GNP <sup>2</sup>	Total <sup>3</sup> (bil. dol.)	Private			Public			
				Direct payments		Insur-ance premi-ums <sup>4</sup> (bil. dol.)	Total <sup>5</sup>		Medical payments	
				Total (bil. dol.)	Per-cent of total pri-vate		Total (bil. dol.)	Per-cent of total health exp.	Medi-care (bil. dol.)	Pub-lic assist-ance (bil. dol.)
1950.....	12.0	4.5	8.7	7.1	81.6	.9	2.5	20.5	(X)	.1
1955.....	17.3	4.5	12.5	9.0	71.7	2.4	3.9	22.3	(X)	.2
1960.....	26.9	5.2	18.8	12.6	66.8	4.7	5.3	20.7	(X)	.5
1965.....	43.0	6.2	30.8	19.9	64.6	10.0	8.7	20.3	(X)	2.1
1970.....	74.7	7.6	44.9	26.5	59.1	17.2	24.6	32.9	7.5	6.2
1971.....	82.8	7.8	48.5	27.5	56.8	19.7	28.3	34.1	8.3	8.1
1972.....	92.7	7.9	54.5	30.4	55.8	22.7	31.7	34.2	9.1	9.0
1973.....	102.3	7.8	60.3	33.6	55.8	25.2	35.3	34.5	10.1	10.2
1974.....	116.6	8.2	65.7	35.7	54.3	28.4	42.6	36.8	13.1	11.9
1975.....	131.5	8.6	72.5	37.8	52.2	33.0	50.7	38.6	16.3	14.8
1976.....	148.9	8.8	83.1	41.9	50.4	39.4	57.0	38.3	19.3	16.6
1977.....	170.0	9.0	97.2	48.6	50.0	46.4	64.0	37.7	22.5	18.6
1978 <sup>6</sup> .....	192.4	9.1	110.8	55.3	49.9	53.0	72.2	37.5	25.9	20.6

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 144. <sup>5</sup> Includes other programs, not shown separately. <sup>6</sup> Preliminary.

No. 144. NATIONAL HEALTH EXPENDITURES, BY TYPE: 1965 TO 1978

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

TYPE OF EXPENDITURE	1965	1970	1972	1973	1974	1975	1976	1977	1978 <sup>1</sup>
Total.....	43,003	74,740	92,679	102,345	115,610	131,465	148,870	169,994	192,448
Avg. annual percent change <sup>2</sup> .....	<sup>3</sup> 9.7	11.7	11.4	10.4	13.0	13.7	13.2	14.2	13.2
Private expenditures.....	32,296	47,455	57,709	63,576	69,021	75,806	86,572	100,671	114,311
Health services and supplies.....	30,823	44,855	54,479	60,291	65,709	72,469	83,056	97,202	110,750
Direct payments.....	19,900	26,543	30,406	33,647	35,682	37,903	41,869	48,596	55,317
Insurance premiums <sup>4</sup> .....	10,001	17,185	22,689	25,217	28,412	33,033	39,422	46,412	53,020
Other.....	922	1,157	1,385	1,428	1,615	1,633	1,765	2,194	2,443
Medical research.....	181	224	223	242	259	269	269	276	296
Medical facilities construction.....	1,292	2,345	3,001	3,043	3,053	3,072	3,246	3,193	3,230
Public expenditures.....	10,707	27,285	34,970	38,770	46,589	55,659	62,299	69,323	78,136
Percent Federal of public.....	52.5	64.5	65.3	64.8	65.3	66.6	68.3	68.3	68.8
Health services and supplies.....	8,717	24,564	31,730	35,336	42,597	50,743	57,008	64,046	72,227
OASDHI (Medicare) <sup>5</sup> .....	(X)	7,496	9,117	10,133	13,098	16,314	19,296	22,518	25,917
Temporary disability insurance <sup>6</sup> .....	52	66	69	71	72	74	82	73	77
Workers' comp. (med.) <sup>6</sup> .....	603	1,044	1,255	1,484	1,758	2,041	2,326	2,663	3,061
Public assistance med. paym'ts <sup>7</sup> .....	2,112	6,205	8,971	10,195	11,907	14,848	16,626	18,625	20,568
General hospital, medical care <sup>8</sup> .....	2,691	4,108	4,911	5,371	6,164	6,916	6,707	7,267	7,970
Defense Dept. hospital, medical.....	1,013	1,887	2,328	2,451	3,121	3,071	3,251	3,357	3,646
Maternal, child health programs.....	240	405	480	455	517	562	610	639	672
Other public health activities.....	823	1,440	2,040	2,269	2,757	3,198	3,733	4,264	5,073
Veterans' hospital, medical care.....	1,145	1,764	2,380	2,741	3,000	3,495	4,152	4,400	4,989
Medical vocational rehabilitation.....	39	148	178	177	202	223	225	250	263
Medical research.....	1,282	1,637	1,999	2,161	2,373	2,920	3,283	3,438	3,991
Medical facilities construction.....	708	1,084	1,241	1,273	1,619	1,996	2,008	1,839	1,918

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. 321. <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 143 and 144: Through 1960, U.S. Social Security Administration, *Social Security Bulletin*, July 1978; thereafter, U.S. Health Care Financing Administration, *Health Care Financing*, Summer 1979 and unpublished data.

## NO 145. NATIONAL HEALTH EXPENDITURES, BY OBJECT: 1960 TO 1978

[1960, for year ending June 30; beginning 1965, for calendar year. 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	1960	1970	1975	1978
<b>Total</b> .....	<b>25.9</b>	<b>43.0</b>	<b>74.7</b>	<b>131.5</b>	<b>148.9</b>	<b>170.0</b>	<b>192.4</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
<b>Spent by:</b>											
Consumers.....	18.1	29.9	43.7	70.8	81.3	95.0	108.3	69.0	58.5	53.9	56.3
Government.....	6.4	10.7	27.3	55.7	62.3	69.3	78.1	24.7	36.5	42.3	40.6
Philanthropy and other.....	1.4	2.4	3.7	5.0	5.3	5.7	6.0	5.4	5.0	3.8	3.1
<b>Spent for:</b>											
Health services and supplies.....	24.2	39.5	69.4	123.2	140.1	161.2	183.0	93.4	92.0	93.7	95.1
Personal health care expenses.....	22.7	37.3	65.7	116.3	132.1	149.1	167.9	87.0	87.9	88.4	87.3
Hospital care.....	8.5	13.9	27.8	52.1	59.8	67.9	76.0	32.0	37.2	39.7	39.5
Physicians' services.....	5.6	8.5	14.3	24.9	27.7	31.2	35.3	21.6	19.2	19.0	18.3
Dentists' services.....	1.9	2.8	4.7	8.2	10.1	11.7	13.3	7.5	6.4	6.3	6.9
Other professional services <sup>1</sup> .....	.8	1.0	1.6	2.6	3.2	3.7	4.3	3.3	2.1	2.0	2.2
Drugs and sundries.....	3.6	5.8	8.4	11.8	12.8	13.8	15.1	13.9	11.3	9.0	7.9
Eyeglasses and appliances <sup>2</sup> .....	.8	1.9	2.1	3.0	3.2	3.5	3.9	2.0	2.8	2.3	2.0
Nursing home care.....	.5	2.1	4.7	9.9	11.5	13.4	15.8	1.9	6.3	7.5	8.2
Other health services.....	1.0	1.3	2.1	3.7	3.9	4.0	4.3	4.0	2.8	2.8	2.3
Expense for prepayment and administration <sup>3</sup> .....	1.0	1.5	2.3	3.7	4.2	7.8	10.0	3.9	3.1	2.8	5.2
Gov't public health activities.....	.4	.8	1.4	3.2	3.7	4.3	5.1	1.6	1.9	2.4	2.6
Research.....	.6	1.5	1.9	3.2	3.6	3.7	4.3	2.3	2.5	2.4	2.2
Construction.....	1.1	2.0	3.4	5.1	5.3	5.0	5.2	4.3	4.6	3.9	2.7

<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.

## NO. 146. HEALTH SERVICES AND SUPPLIES—PER CAPITA NATIONAL AND PRIVATE CONSUMER EXPENDITURES, BY OBJECT: 1960 TO 1978

[In dollars, except percent. 1960, for year ending June 30; beginning 1965, for calendar year. 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	1974	1975	1976	1977	1978
<b>Total, national</b> .....	<b>132.35</b>	<b>199.91</b>	<b>333.25</b>	<b>502.12</b>	<b>566.61</b>	<b>638.64</b>	<b>729.22</b>	<b>820.68</b>
Avg. annual percent change <sup>1</sup>	5.6	7.8	10.8	10.8	12.8	12.7	14.2	12.5
Hospital care.....	46.56	70.46	133.39	207.97	239.77	272.69	307.13	340.93
Physicians' services.....	30.57	42.85	68.81	98.49	114.66	126.11	141.29	158.08
Dentists' services.....	10.65	14.20	22.79	34.15	37.88	40.19	52.69	59.64
Other professional services <sup>2</sup> .....	4.65	5.22	7.65	10.34	12.04	14.60	16.73	19.17
Drugs and drug sundries.....	19.67	29.18	40.33	51.17	54.32	58.40	62.45	67.70
Eyeglasses and appliances <sup>2</sup> .....	4.11	9.44	10.07	12.55	13.71	14.60	15.62	17.40
Nursing home care.....	2.63	10.48	22.44	38.73	45.46	52.22	60.44	70.64
Other health services.....	5.66	6.60	9.87	14.32	16.97	17.94	18.11	19.43
Expenses for prepayment and administration <sup>3</sup> .....	5.66	7.33	10.97	21.62	17.09	19.17	35.47	44.94
Govt. public health activities.....	2.19	4.16	6.91	12.78	14.71	17.02	19.28	22.75
<b>Total, private consumer</b> .....	<b>98.96</b>	<b>151.18</b>	<b>209.82</b>	<b>297.15</b>	<b>325.75</b>	<b>370.66</b>	<b>429.66</b>	<b>485.83</b>
Hospital care.....	25.78	41.76	61.84	91.64	105.01	121.08	136.68	152.09
Physicians' services.....	28.53	39.85	53.95	73.72	84.53	93.82	104.55	115.66
Dentists' services.....	10.63	13.95	21.72	32.39	35.74	45.99	50.41	57.22
Other professional services <sup>2</sup> .....	4.44	4.94	6.50	8.41	9.29	11.46	12.78	14.63
Drugs and drug sundries.....	19.31	28.19	38.01	47.18	49.60	53.20	57.05	61.87
Eyeglasses and appliances <sup>2</sup> .....	4.03	9.29	9.56	11.68	12.68	13.42	14.28	15.79
Nursing home care.....	1.89	6.77	11.33	17.10	19.11	22.96	27.15	34.21
Expenses for prepayment <sup>3</sup> .....	4.34	6.43	6.92	15.03	9.80	10.73	26.77	34.83

<sup>1</sup> Change from prior year shown, 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 145. <sup>3</sup> Net cost of insurance.

Source of tables 145 and 146: For 1960, U.S. Social Security Administration, *Social Security Bulletin*, July 1978; thereafter, U.S. Health Care Financing Administration, *Health Care Financing Review*, Summer 1979 and unpublished data.

No. 147. GOVERNMENT EXPENDITURES FOR HEALTH SERVICES AND SUPPLIES, BY TYPE OF SERVICE: 1977 AND 1978

(In millions of dollars, except percent)

YEAR AND TYPE OF SERVICE	Total <sup>1</sup>	FEDERAL		State and local	Medicare <sup>2</sup> (O.A.S.-D.H.I)	Public assistance <sup>3</sup>	OTHER HEALTH SERVICES		
		Total	Per cent of total				Veterans	Defense Dept. <sup>4</sup>	Workers' compensation <sup>5</sup>
1977, total <sup>1</sup> .....	64,046	43,701	68.2	20,344	22,518	18,625	4,400	3,357	2,663
Hospital care.....	36,950	27,141	73.5	9,809	16,215	6,859	3,651	2,398	1,337
Physicians' services.....	8,106	5,995	74.0	2,111	4,607	1,999	52	89	1,127
Nursing home care.....	7,278	4,141	56.9	3,137	378	6,652	248	-	-
Drugs and sundries.....	1,196	619	51.8	577	-	1,106	12	9	53
Administration.....	1,690	1,359	81.0	322	750	871	40	21	-
Public health activities.....	4,204	1,237	29.0	3,027	-	-	-	-	-
1978, total <sup>1</sup> .....	72,227	49,435	68.4	22,792	25,917	20,558	4,989	3,646	3,061
Hospital care.....	40,919	30,344	74.2	10,575	18,275	7,307	4,141	2,668	1,552
Physicians' services.....	9,439	7,066	74.9	2,374	5,548	2,183	57	101	1,298
Nursing home care.....	8,358	4,715	56.4	3,643	396	7,681	281	-	-
Drugs and sundries.....	1,300	667	51.3	634	-	1,198	12	10	62
Administration.....	2,112	1,729	81.9	384	999	1,036	46	21	-
Public health activities.....	5,073	1,204	23.7	3,869	-	-	-	-	-

- 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. 148. PERSONAL HEALTH CARE—THIRD PARTY PAYMENTS AND PRIVATE CONSUMER EXPENDITURES: 1950 TO 1978

(In millions of dollars, except percent. Prior to 1960, excludes Alaska and Hawaii)

ITEM	1950	1955	1960	1965	1970	1975	1976	1977	1978
Personal health care expenditures <sup>1</sup> .....	10,885	15,708	23,680	37,265	65,723	116,297	132,127	149,139	167,911
Third party payments, total.....	3,682	6,576	10,690	17,367	39,181	78,494	90,258	100,543	112,594
Percent of total health care.....	33.8	41.8	45.1	46.6	59.6	67.5	68.3	67.4	67.1
Private insurance payments.....	922	2,536	4,966	8,729	15,744	30,902	37,070	40,492	45,367
Government expenditures.....	2,440	3,608	5,157	7,880	22,442	46,133	51,596	58,001	65,042
Philanthropy and others.....	320	432	537	758	995	1,459	1,592	1,960	2,189
Private consumer expenditures <sup>2</sup> .....	8,055	11,668	17,986	28,627	42,287	68,705	78,939	89,088	100,680
Percent met by pvt. insurance.....	11.4	21.7	27.8	30.5	37.2	45.0	47.0	46.5	45.1
Hospital care.....	1,832	2,997	5,108	8,259	12,837	22,836	26,555	30,224	34,257
Percent met by pvt. insurance.....	37.1	56.0	64.7	70.1	77.7	82.6	84.6	79.3	73.0
Physicians' services.....	2,597	3,433	5,309	7,881	11,243	18,381	20,576	23,119	25,791
Percent met by pvt. insurance.....	12.0	25.0	30.0	34.0	43.7	51.3	53.1	52.9	53.4

<sup>1</sup> See headnote, table 149. <sup>2</sup> Includes expenditures not shown separately. Excludes expenses for prepayment.

No. 149. PERSONAL HEALTH CARE EXPENDITURES, BY TYPE AND SOURCE OF PAYMENT: 1978

(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		Hospital care	Physicians' services	Dentists' services	Other professional services	Drugs and drug sundries	Eye-glasses and appliances	Nursing home care	Other health services
	Total	Per capita (dol.)								
Total.....	167,911	753	76,025	35,250	13,300	4,275	15,098	3,879	15,751	4,333
Direct payments.....	55,317	248	7,533	12,013	10,213	2,233	12,667	3,478	7,179	-
Third party payments.....	112,594	505	68,491	23,237	3,087	2,042	2,431	401	8,572	4,333
Private health ins. payments.....	45,363	203	26,724	13,779	2,548	1,030	1,131	44	1,105	-
Government.....	65,042	292	40,919	9,439	539	972	1,300	357	8,358	3,158
Philanthropy and ind. ....	2,189	10	849	19	-	40	-	-	106	1,175
Private <sup>2</sup> .....	102,870	461	35,107	25,811	12,761	3,303	13,798	3,522	7,394	1,175

- Represents zero. <sup>1</sup> For basis of per capita figures, see headnote, table 146. <sup>2</sup> Covers direct payments, private health insurance, and philanthropy and industry. Source of tables 147-149: U.S. Health Care Financing Administration, *Health Care Financing Review*, Summer 1979.

**NO. 150. PERSONAL HEALTH CARE EXPENDITURES, BY AGE GROUP, 1970 TO 1977, AND BY TYPE: 1977**

[In millions of dollars, except per capita. For years ending June 30 except, beginning 1977, ending Sept. 30. See headnote, table 149, for definition of personal health care 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
				1970.....	60,113	20,545	39,568	2,335	7,292
1973.....	82,490	30,062	52,428	3,504	9,507	12,433	33,927	14,126	8,994
1974.....	91,315	34,066	57,259	3,866	10,875	14,264	38,132	15,927	8,252
1975.....	107,383	43,443	63,940	4,296	11,934	18,152	42,431	20,995	9,574
1976.....	126,217	50,477	75,740	5,117	10,987	21,492	52,951	23,868	11,802
1977, total.....	142,586	57,121	85,465	5,617	12,392	23,973	59,449	27,631	13,624
Per capita <sup>1</sup> ..... dollars.....	646.11	258.84	387.27	77.92	175.03	189.89	470.89	1,168.84	576.33
Hospital care.....	65,627	36,199	29,427	2,885	3,448	17,269	23,840	16,045	2,140
Physicians' services.....	32,184	7,824	24,360	744	4,180	2,824	17,291	4,255	2,889
Dentists' services.....	10,020	500	9,520	220	1,925	234	6,620	46	976
Other professional services.....	3,212	924	2,288	136	1,699	298	1,794	490	325
Drugs and drug sundries.....	12,516	1,143	11,373	158	2,161	549	6,790	436	2,423
Eyeglasses and appliances.....	2,086	130	1,956	21	248	100	1,405	9	303
Nursing home care.....	12,618	7,184	5,434	178	162	1,004	737	6,001	4,535
Other health services.....	4,322	3,217	1,105	1,174	98	1,695	973	348	33

<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. Published periodically by U.S. Social Security Administration in *Social Security Bulletin*, monthly.

**NO. 151. INDEXES OF MEDICAL CARE PRICES: 1960 TO 1979**

[1967=100. 1960 excludes Alaska and Hawaii. These indexes are components of consumer price index for urban wage earners and clerical workers prior to 1978 and for urban consumers beginning 1978; for explanation, see text, pp. 473 and 474. 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	3.5		
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	133.3	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	209.2	223.1	198.1	332.4	143.9
1979, May.....	236.3	(X)	254.4	224.3	240.7	212.4	363.9	152.4

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. 152. PERSONS COVERED BY PRIVATE HEALTH INSURANCE: 1967 TO 1976**

TYPE OF CARE	PERCENT UNDER 65 YEARS						PERCENT 65 YEARS AND OVER					
	1967	1970	1972	1974	1975	1976	1967	1970	1972	1974	1975	1976
	Hospital care.....	77.0	78.6	77.0	79.9	78.1	78.5	45.0	51.4	56.4	57.9	62.7
Physicians' services:												
Surgical services.....	75.2	76.9	76.0	78.3	77.9	78.3	44.1	46.7	52.9	54.0	55.0	55.6
In-hospital visits.....	65.6	75.1	76.1	78.7	79.6	76.3	31.1	41.1	38.5	40.1	42.8	43.4
X-ray and laboratory exams.....	50.0	73.8	76.1	77.0	78.2	75.0	18.7	37.4	36.6	32.0	37.1	34.2
Office and home visits.....	(NA)	35.2	34.2	63.5	63.9	62.2	(NA)	7.3	19.1	29.2	28.6	24.1
Dental care.....	2.6	6.6	9.5	17.1	17.8	24.0	.4	6	1.4	3.0	2.8	3.3
Prescribed drugs (out-of-hospital)	39.0	53.5	58.0	73.4	70.1	76.3	9.7	15.0	16.6	17.3	21.8	20.6
Private duty nursing.....	41.5	53.1	56.7	72.5	74.3	74.8	11.7	15.8	16.3	16.9	21.7	20.0
Visiting nurse service.....	44.6	56.4	59.9	69.6	71.8	73.9	13.0	18.8	21.2	20.6	24.1	21.6
Nursing home care.....	8.9	15.4	21.5	35.0	34.6	34.4	15.2	24.7	25.8	16.2	19.6	20.9

NA Not available.

Source: U.S. Health Care Financing Administration. Published periodically by U.S. Social Security Administration in *Social Security Bulletin*, monthly.

No. 153. PRIVATE HEALTH INSURANCE—PERSONS COVERED FOR SPECIFIED BENEFITS: 1960 TO 1976

[In millions, except percent. For persons covered under Federal Government programs, see tables 555-557. 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
<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)	163.4	162.4	164.2
Percent of population covered <sup>4</sup> .....	<sup>2</sup> 70.0	<sup>3</sup> 73.9	75.9	74.9	(NA)	77.6	76.4	76.8
Estimate by HIAA (net) <sup>5</sup> .....	122.5	138.7	158.8	164.1	168.5	173.1	178.0	176.6
Percent of population covered <sup>4</sup> .....	68.2	71.9	78.2	79.2	80.6	82.2	83.8	82.6
Blue Cross-Blue Shield plans, gross.....	57.5	63.7	75.5	78.6	81.3	83.8	86.8	85.5
Insurance companies, gross.....	76.6	87.0	107.2	110.5	111.2	114.2	117.3	113.8
Group policies.....	54.4	63.0	80.5	81.5	83.6	85.4	87.2	86.8
Individual policies.....	22.2	24.0	26.7	29.0	27.5	28.8	30.1	27.0
Other plans, gross <sup>6</sup> .....	6.0	7.0	8.1	9.0	9.1	8.6	9.1	9.2
<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)	159.5	160.2	162.2
Percent of population covered <sup>4</sup> .....	<sup>2</sup> 65.8	<sup>3</sup> 72.2	73.9	73.6	(NA)	75.7	75.4	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
Percent of population covered <sup>4</sup> .....	62.0	67.7	74.6	74.6	77.8	79.0	79.5	78.3
Blue Cross-Blue Shield plans, gross.....	48.3	56.8	69.1	72.4	75.1	76.9	77.8	77.0
Insurance companies, gross.....	71.5	83.2	99.5	101.2	103.1	105.1	106.4	104.4
Group policies.....	55.5	65.5	81.5	82.7	84.5	86.6	88.0	88.3
Individual policies.....	16.0	17.7	18.0	18.6	18.6	18.5	18.5	16.1
Other plans, gross <sup>6</sup> .....	7.3	8.7	10.5	11.5	10.8	11.2	11.4	11.5
<b>In-hospital medical visits:</b>								
Estimate by Social Security Admin.....	(NA)	(NA)	145.6	149.7	153.5	157.3	151.6	155.5
Percent of population covered <sup>4</sup> .....	(NA)	(NA)	71.7	72.2	73.4	74.7	71.4	72.7
Estimate by HIAA (net) <sup>5</sup> .....	83.2	109.6	138.7	140.9	146.3	158.2	161.9	163.1
Percent of population covered <sup>4</sup> .....	46.3	56.8	68.3	68.0	70.0	75.1	76.2	76.3
<b>X-ray and lab. exams (out-of-hospital) (net) <sup>7</sup>:</b>								
Percent of population covered <sup>4</sup> .....	(NA)	79.5	142.4	149.4	152.8	152.2	158.7	150.9
Office and home visits (net) <sup>7</sup> .....	(NA)	41.2	70.2	72.1	73.1	72.3	73.8	70.6
Percent of population covered <sup>4</sup> .....	(NA)	(NA)	67.8	67.7	(NA)	126.2	127.7	124.1
Dental care (net) <sup>7</sup> .....	(NA)	3.1	12.2	17.9	22.0	32.9	34.5	46.6
Percent of population covered <sup>4</sup> .....	(NA)	1.6	6.0	8.6	10.5	15.6	16.2	21.8
Prescribed drugs (out-of-hospital) (net) <sup>7</sup> .....	(NA)	53.2	101.0	111.4	125.0	142.2	149.3	160.2
Percent of population covered <sup>4</sup> .....	(NA)	27.6	49.7	53.7	59.8	67.5	70.3	70.2
<b>Private duty nursing (net) <sup>7</sup>:</b>								
Percent of population covered <sup>4</sup> .....	(NA)	56.0	100.2	109.0	118.8	140.4	145.9	147.3
Visiting nurse service (net) <sup>7</sup> .....	(NA)	29.0	49.4	52.6	56.9	66.6	68.7	68.9
Percent of population covered <sup>4</sup> .....	(NA)	60.1	106.9	115.9	122.7	135.8	141.6	145.9
<b>Nursing home care (net) <sup>7</sup>:</b>								
Percent of population covered <sup>4</sup> .....	(NA)	31.2	52.6	55.9	58.7	64.5	66.6	68.2
Nursing home care (net) <sup>7</sup> .....	(NA)	9.9	32.4	45.5	69.2	69.6	70.1	70.4
Percent of population covered <sup>4</sup> .....	(NA)	5.1	16.0	21.9	33.1	33.0	33.0	32.9

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 end of 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> All private plans other than Blue Cross-Blue Shield and insurance companies; based on estimates from Social Security Admin. <sup>7</sup> Estimates.

Source: U.S. Health Care Financing Administration. Published periodically by U.S. Social Security Administration in *Social Security Bulletin*, monthly.

No. 154. 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. Data adjusted by source for underreporting of coverage by public programs]

INCOME <sup>1</sup> AND AGE	POPULATION (1,000)			PERCENT DISTRIBUTION				
	Total	Without coverage	With coverage	Without coverage	WITH COVERAGE			
					Total	Private only	Public only	Public and private
<b>Total</b> .....	<b>211,517</b>	<b>21,526</b>	<b>189,991</b>	<b>10.2</b>	<b>89.8</b>	<b>63.4</b>	<b>12.7</b>	<b>13.6</b>
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	15.6	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	5,637	44,689	11.2	88.8	71.6	11.6	5.4
19-24 years.....	22,965	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

<sup>1</sup> Family income reported for 1975.

Source: U.S. Congress, Congressional Budget Office, *Profile of Health Care Coverage: The Haves and Have-Nots*, March 1979.

**No. 155. MAJOR MEDICAL EXPENSE INSURANCE—PERSONS COVERED: 1960 TO 1977**

[In millions. As of Dec. 31. Beginning 1975, includes Puerto Rico and outlying areas. Represents persons covered by private insurance companies and Blue Cross-Blue Shield plans only. 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	1971	1972	1973	1974	1975	1976	1977
Total enrollment, gross.....	31.8	74.5	112.3	117.8	124.5	136.6	143.6	146.1	167.7	(NA)
Blue Cross-Blue Shield, gross.....	3.7	14.6	24.9	26.8	30.1	37.3	40.9	42.1	41.7	(NA)
Supplementary.....	3.0	(NA)	21.7	23.4	26.9	33.9	37.2	39.2	37.0	(NA)
Comprehensive.....	.7	(NA)	3.2	3.4	3.2	3.4	3.6	2.9	4.6	(NA)
Insurance companies, gross.....	28.1	59.9	87.4	91.0	94.4	99.2	102.7	104.0	105.0	(NA)
Insurance policies, net total <sup>1</sup> .....	25.4	53.0	77.1	80.3	83.7	87.8	91.0	92.2	93.2	96.0
Group policies, net total.....	24.4	49.7	73.7	77.0	79.0	82.7	86.0	87.0	88.5	91.7
Supplementary.....	18.0	42.5	61.7	63.4	64.4	66.2	67.9	67.3	66.8	68.3
Comprehensive.....	8.5	13.0	20.2	22.1	23.4	25.7	27.6	29.4	31.6	33.6
Individual and family policies.....	1.6	4.5	5.4	5.5	6.6	7.3	7.2	7.3	6.7	6.1

NA Not available. <sup>1</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.

**No. 156. BENEFIT EXPENDITURES OF PRIVATE HEALTH INSURANCE ORGANIZATIONS: 1976**

[For financial data on private health insurance organizations, see tables 908 and 909]

TYPE OF CARE	Total	BLUE CROSS-BLUE SHIELD			INSURANCE COMPANIES			Independent plans
		Total	Blue Cross	Blue Shield	Total	Group policies	Individual policies	
Total.....mil. dol..	34,985	16,627	11,625	4,602	16,280	14,549	1,731	2,478
Hospital care.....mil. dol..	21,349	10,950	10,721	229	9,508	8,372	1,136	891
Physicians' services.....mil. dol..	10,322	4,224	399	3,824	5,046	4,493	553	1,053
Dental care and other.....mil. dol..	3,314	1,054	505	550	1,727	1,685	42	534

Source of tables 155 and 156: Except as noted, U.S. Social Security Administration. Periodically in *Social Security Bulletin*. Data from U.S. Health Care Financing Administration.

**No. 157. HEALTH INSURANCE BENEFITS PAID, 1970 TO 1977, AND AVERAGE COST PER PATIENT TO COMMUNITY HOSPITALS, 1975 AND 1977—STATES**

[Cost data cover non-Federal short-term general or special hospitals (excluding psychiatric or tuberculosis). Cost per patient based on total hospital expenses (payroll, employee benefits, professional fees, supplies, etc.)]

STATE	HEALTH INSURANCE BENEFITS PAID (mil. dol.)			AVG. COST PER STAY <sup>2</sup> (dol.)		AVG. COST PER DAY <sup>2</sup> (dol.)		STATE	HEALTH INSURANCE BENEFITS PAID (mil. dol.)			AVG. COST PER STAY <sup>2</sup> (dol.)		AVG. COST PER DAY <sup>2</sup> (dol.)	
	1970	1975	1977 <sup>1</sup>	1975	1977	1975	1977		1970	1975	1977	1975	1977	1975	1977
U.S.....	17,177	31,670	39,060	1,164	1,504	151	198	Mo.....	428	753	932	1,059	1,423	129	171
Ala.....	249	414	556	831	1,094	114	154	Mont.....	44	79	100	711	972	111	152
Alaska.....	20	30	43	1,128	1,831	225	359	Nebr.....	107	191	242	945	1,217	117	162
Ariz.....	130	297	378	1,296	1,639	175	228	Nev.....	30	69	94	1,186	1,566	182	241
Ark.....	89	182	233	664	902	102	141	N.H.....	49	90	116	919	1,194	130	168
Calif.....	1,846	3,422	4,405	1,435	1,918	217	291	N.J.....	590	1,056	1,245	1,239	1,579	142	182
Colo.....	177	347	394	983	1,350	149	199	N. Mex.....	51	90	129	839	1,178	142	206
Conn.....	305	542	686	1,115	1,818	189	242	N.Y.....	1,834	3,284	3,883	1,875	2,211	189	226
Del.....	57	117	148	1,360	1,725	163	205	N.C.....	288	548	695	872	1,119	115	149
D.C.....	211	429	510	1,640	2,302	208	284	N. Dak.....	49	94	121	818	1,171	98	141
Fa.....	416	959	1,128	1,118	1,442	151	195	Ohio.....	1,054	1,928	2,344	1,140	1,494	139	187
Ga.....	293	374	694	889	1,113	139	174	Okl.....	157	301	397	862	1,181	129	182
Hawaii.....	60	144	197	1,049	1,513	162	213	Oreg.....	170	334	448	1,000	1,349	159	218
Idaho.....	41	76	114	765	1,036	121	167	Pa.....	1,085	1,916	2,381	1,214	1,564	143	180
Ill.....	1,033	1,779	2,130	1,281	1,694	160	212	R.I.....	84	151	191	1,506	1,905	188	235
Ind.....	464	824	979	1,004	1,340	127	172	S.C.....	138	278	349	531	1,085	114	153
Iowa.....	225	375	489	856	1,151	110	154	S. Dak.....	32	54	71	690	925	98	130
Kans.....	161	337	415	881	1,190	113	157	Tenn.....	287	521	669	854	1,114	114	155
Ky.....	184	362	450	779	1,013	110	145	Tex.....	811	1,595	1,915	876	1,160	129	176
La.....	250	400	507	889	1,129	137	176	Utah.....	72	136	169	830	1,088	148	209
Maine.....	65	116	153	1,018	1,397	137	186	Vt.....	33	56	71	1,023	1,327	131	158
Md.....	272	509	645	1,012	1,864	181	219	Va.....	279	535	682	979	1,306	122	167
Mass.....	575	1,061	1,288	1,445	2,293	205	270	Wash.....	255	527	679	961	1,271	172	231
Mich.....	1,171	2,102	2,572	1,762	1,721	166	218	W. Va.....	130	246	310	832	1,106	109	149
Minn.....	289	467	566	1,073	1,452	122	165	Wis.....	409	752	875	1,047	1,422	128	178
Miss.....	107	197	246	705	929	102	135	Wyo.....	21	44	56	643	881	117	169

<sup>1</sup> Excludes \$3,903 million that cannot be distributed by State.

<sup>2</sup> Source: American Hospital Association, *Hospital Statistics*, annual. (Copyright.)

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. 158. PHYSICIANS, DENTISTS, AND NURSES: 1950 TO 1977

(Physicians and dentists as of end of year; nurses as of Jan. 1 following year stated, 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	1974	1975	1976	1977
Physicians, number.....1,000.....	233	255	275	305	348	394	409	426	438
Rate per 100,000 population <sup>1</sup> .....	149	150	148	153	166	182	188	194	198
Doctors of medicine <sup>2</sup> .....1,000.....	220	242	260	292	334	380	394	409	421
Active (exc. in Federal service) <sup>3</sup> .....1,000.....	(NA)	(NA)	(NA)	255	282	324	338	351	362
Rate per 100,000 population <sup>3</sup> .....	(NA)	(NA)	(NA)	130	137	151	157	161	165
Active foreign med. school grad. <sup>4</sup> .....1,000.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	79	83	84
Doctors of osteopathy.....1,000.....	13	14	14	13	14	<sup>5</sup> 15	<sup>5</sup> 15	<sup>5</sup> 16	<sup>5</sup> 17
Physicians admitted to U.S. as immigrants <sup>6</sup> .....1,000.....	1.9	1.0	1.6	2.0	3.2	4.5	5.4	6.2	7.1
Medical and osteopathic schools, number.....	85	87	91	93	107	121	123	123	134
Students.....1,000.....	26.9	30.5	32.0	34.1	39.7	53.7	57.2	59.6	64.5
Graduates.....1,000.....	5.9	7.4	7.5	7.8	8.8	12.2	13.4	14.3	15.3
Newly-licensed physicians, total <sup>4</sup> .....	(NA)	(NA)	8,030	9,147	11,092	16,706	16,859	17,724	18,175
Percent of total active M.D.'s.....	(NA)	(NA)	(NA)	3.3	3.5	4.8	4.6	4.7	4.6
Graduates of—									
U.S. and Canadian medical schools.....	(NA)	(NA)	6,611	7,619	8,016	10,093	10,894	11,288	12,324
Foreign medical schools.....	(NA)	(NA)	1,419	1,528	3,016	6,613	5,965	6,436	5,851
Percent of total newly-licensed.....	(NA)	(NA)	17.7	16.7	27.3	39.6	35.4	36.3	32.2
Dentists, number <sup>7</sup> .....1,000.....	87	95	103	109	116	(NA)	(NA)	115	118
Active (exc. in Federal service) <sup>8</sup> .....1,000.....	75	78	85	90	96	103	107	110	113
Rate per 100,000 population <sup>8</sup> .....	50	48	47	47	47	49	50	52	52
Dental schools, number.....	41	43	47	49	53	58	59	59	59
Students.....1,000.....	11.5	12.6	13.6	13.9	16.0	19.4	20.1	20.8	21.0
Graduates.....1,000.....	2.6	3.1	3.3	3.2	3.7	4.5	5.0	5.3	5.2
Nurses, number (active registered).....1,000.....	375	430	504	613	700	857	906	961	1,011
Rate per 100,000 population <sup>1</sup> .....	249	259	282	319	345	404	423	446	465
Nursing schools, number.....	1,203	1,139	1,119	1,153	1,328	1,359	1,360	1,349	1,352
Students.....1,000.....	99	108	115	130	151	233	244	250	248
Graduates.....1,000.....	26	29	30	35	44	68	75	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. <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 1974, *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.

## NO. 159. PHYSICIANS, BY TYPE OF PRACTICE: 1965 TO 1977

[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, 5,118 in 1973, 5,277 in 1974, 5,559 in 1975, 5,604 in 1976, and 5,790 in 1977]

TYPE OF PRACTICE	NUMBER (1,000)							PERCENT DISTRIBUTION			
	1965	1970	1973	1974	1975	1976	1977	1965	1970	1975	1977
All physicians.....	305.1	348.3	381.6	394.5	409.0	425.8	437.3	100	100	100	100
Doctors of medicine.....	292.1	334.0	366.4	379.7	393.7	409.4	421.3	96	96	96	96
Active M.D.'s.....	277.6	311.2	338.1	350.6	365.4	378.6	382.0	91	89	90	87
Non-Federal <sup>1</sup> .....	268.1	301.3	334.0	345.6	359.7	373.1	390.4	88	87	88	89
Patient care.....	239.3	255.0	272.9	278.5	287.8	294.7	315.7	78	73	70	72
Office based <sup>2</sup> .....	185.3	188.9	199.1	203.9	213.3	214.7	231.1	61	54	52	53
General practice <sup>3</sup> .....	65.7	50.8	47.2	46.8	46.3	46.0	45.1	22	12	11	10
Specialty, full-time.....	119.6	138.1	151.9	157.1	167.0	168.7	186.0	39	40	41	42
Training programs.....	39.6	45.8	53.9	54.5	53.5	58.9	58.9	13	13	13	13
Full-time hospital staff.....	14.3	20.3	19.8	20.1	21.0	21.1	25.8	5	6	5	6
Other professional activity.....	15.5	26.3	24.7	25.1	24.3	26.1	27.0	5	8	6	6
Retired, not in practice.....	13.3	19.6	22.6	21.6	21.4	22.1	28.4	4	6	5	6
Federal.....	22.8	29.5	26.8	26.6	28.2	27.6	19.9	8	8	7	5
Patient care <sup>4</sup> .....	20.2	23.5	22.4	22.7	24.1	23.7	16.6	7	7	6	4
Full-time hospital staff.....	16.3	14.6	15.7	16.2	17.7	17.7	12.0	5	4	4	3
Other professional activity.....	2.7	6.0	4.4	3.9	4.1	3.9	3.3	1	2	1	1
Not reported.....	1.2	3.2	5.6	7.5	5.9	8.3	10.9	(2)	1	1	2
Doctors of osteopathy <sup>5</sup> .....	13.0	14.3	15.2	14.8	15.4	16.4	16.6	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 158 and 159: Except as noted, U.S. National Center for Health Statistics, *Health Resources Statistics*, annual; beginning 1976, biennial.

NO. 160. PHYSICIANS, BY SEX, SPECIALTY, AND MAJOR PROFESSIONAL ACTIVITY: 1970 TO 1977

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

SPECIALTY	1970				1977				Other professional <sup>1</sup>		
	Total	Percent	1975. total	1976. total	Total		Patient care				
					Number	Percent	Total	Office-based		Hospital-based	
							Full-time	Residents <sup>1</sup>			
<b>Total</b> .....	<b>3334.0</b>	<b>100.0</b>	<b>3393.7</b>	<b>3409.4</b>	<b>3421.3</b>	<b>100.0</b>	<b>332.4</b>	<b>232.0</b>	<b>37.9</b>	<b>62.5</b>	<b>31.2</b>
Male.....	(NA)	(NA)	358.1	370.7	379.8	90.2	303.4	217.6	32.9	52.9	27.9
Female.....	(NA)	(NA)	35.6	38.8	41.5	9.8	29.0	14.4	4.9	9.6	3.3
General practice.....	57.9	17.3	54.6	55.5	55.2	13.1	53.7	45.4	3.3	5.0	1.4
Medical <sup>1</sup> .....	77.2	23.1	95.1	99.4	105.7	25.1	94.1	60.4	10.0	23.7	11.6
Internal medicine.....	41.9	12.5	54.3	57.9	61.8	14.7	55.3	31.8	5.6	18.0	6.5
Pediatrics.....	17.9	5.4	21.7	22.5	24.0	5.7	21.7	14.3	2.3	5.1	2.3
Surgical <sup>1</sup> .....	86.0	25.8	96.0	98.7	101.2	24.0	97.4	73.3	6.9	17.1	3.8
General surgery.....	29.8	8.9	31.6	32.3	32.3	7.7	31.1	20.8	2.8	7.5	1.3
Obstetrics, gynecology.....	18.9	5.7	21.7	22.3	23.4	5.5	22.4	17.3	1.3	3.7	1.0
Ophthalmology.....	9.9	3.0	11.1	11.5	11.6	2.8	11.2	9.4	.4	1.4	.4
Orthopedic.....	9.6	2.9	11.4	11.8	12.3	2.9	12.0	9.3	.8	1.9	.4
Other <sup>1</sup> .....	89.6	26.8	94.6	94.9	101.6	24.1	87.2	52.9	17.7	16.6	14.4
Anesthesiology.....	10.1	3.0	12.9	13.2	13.9	3.3	13.0	9.7	1.9	1.4	.9
Psychiatry.....	21.1	6.3	23.9	24.4	24.9	5.9	22.1	13.9	4.8	3.4	2.8
Pathology.....	10.3	3.1	11.7	11.9	12.4	2.9	10.3	4.9	3.1	2.2	2.1
Radiology.....	10.5	3.1	11.5	11.7	12.1	2.9	11.4	7.7	2.2	1.5	.7

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; 1976, 22,117 inactive, 30,129 not classified, 8,757 address unknown; 1977, 28,363 inactive, 18,350 not classified, 10,946 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. 161. PHYSICIANS, 1970 AND 1977, AND DENTISTS, 1977—STATES

[See headnote, table 158. 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, 1977		STATE OR OTHER AREA	ACTIVE PHYSICIANS				ACTIVE DENTISTS, 1977	
	Total		Rate <sup>1</sup>		Total	Rate <sup>2</sup>		Total		Rate <sup>1</sup>		Total	Rate <sup>2</sup>
	1970	1977	1970	1977				1970	1977	1970	1977		
<b>U.S.</b> .....	<b>305,306</b>	<b>377,468</b>	<b>150</b>	<b>174</b>	<b>112,720</b>	<b>53</b>	Mont.....	744	978	107	128	407	54
Ala.....	3,201	4,309	93	117	1,179	32	Nebr.....	1,725	2,167	116	139	874	56
Alaska.....	320	526	105	127	211	55	Nev.....	549	868	111	136	306	49
Ariz.....	2,010	4,299	146	187	1,082	48	N.H.....	989	1,966	133	161	441	52
Ark.....	1,817	2,440	94	113	684	32	N.J.....	10,303	12,701	143	173	4,350	60
Calif.....	38,590	48,480	193	222	14,224	66	N. Mex.....	1,300	1,760	127	147	481	41
Colo.....	4,142	5,344	186	204	1,482	58	N. Y.....	42,555	43,670	233	243	13,542	76
Conn.....	5,686	7,028	187	226	1,929	62	N. C.....	5,761	7,908	113	143	1,976	36
Del.....	735	909	133	156	251	44	N. Dak.....	622	783	100	120	295	46
D.C.....	3,935	3,862	521	564	655	96	Ohio.....	14,021	16,061	131	150	4,893	46
Fla.....	9,494	15,455	139	183	3,911	47	Okla.....	2,729	3,454	106	123	1,082	39
Ga.....	5,284	7,090	115	141	1,932	39	Oreg.....	2,963	4,153	141	174	1,643	69
Hawaii.....	1,149	1,743	148	196	576	69	Pa.....	17,721	20,346	150	172	6,202	53
Idaho.....	671	936	93	109	421	49	R.I.....	1,528	1,847	161	197	458	49
Ill.....	15,486	19,222	139	171	5,819	52	S.C.....	2,515	3,712	97	129	1,026	37
Ind.....	5,184	6,440	100	120	2,075	39	S. Dak.....	598	709	90	103	295	43
Iowa.....	2,880	3,365	102	117	1,256	44	Tenn.....	4,797	6,353	122	148	1,964	46
Kans.....	2,735	3,375	122	145	1,020	44	Tex.....	14,250	19,429	127	152	5,246	41
Ky.....	3,406	4,426	105	128	1,352	40	Utah.....	1,484	2,109	139	166	799	63
La.....	4,586	5,601	126	143	1,479	38	Vt.....	791	963	177	200	265	55
Maine.....	1,061	1,552	106	143	451	42	Va.....	6,200	8,507	133	167	2,376	48
Md.....	9,127	11,093	232	268	2,338	57	Wash.....	5,235	6,718	153	183	2,456	68
Mass.....	11,885	13,923	208	241	3,840	67	W. Va.....	1,829	2,486	104	134	637	34
Mich.....	10,766	12,992	121	142	4,463	49	Wis.....	5,271	6,886	114	144	2,556	55
Minn.....	5,809	7,100	152	178	2,378	60	Wyo.....	335	459	100	113	201	50
Miss.....	1,965	2,514	89	105	715	30	P.R.....	2,479	3,444	91	(NA)	(NA)	(NA)
Mo.....	5,967	7,351	127	152	2,226	47	Outlying areas.....	269	251	83	(NA)	(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. 162. EMPLOYED PERSONS IN SELECTED HEALTH OCCUPATIONS: 1972 TO 1978**

[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)	1978			OCCUPATION	1972 (1,000)	1975 (1,000)	1978		
			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>4,635</b>	<b>74.0</b>	<b>15.7</b>						
Physicians, dentists, and related <sup>2</sup> .....	624	647	756	10.4	7.3	Health administra- tors.....	118	152	184	46.2	7.6
Dentists.....	107	110	117	1.7	4.3	Health technologists and technicians...	315	397	498	70.9	12.9
Pharmacists.....	126	119	136	16.9	6.6	Clinical laboratory...	142	177	208	73.6	14.4
Physicians <sup>3</sup> .....	328	354	424	11.3	9.7	Radiology.....	68	79	97	67.0	9.3
Nurses, therapists, and dietitians.....	949	1,126	1,351	92.9	11.7	Other.....	104	142	193	69.9	13.0
Registered nurses.....	801	985	1,112	96.7	11.7	Health service <sup>4</sup> .....	1,505	1,718	1,846	89.9	23.6
Therapists and dietitians.....	148	192	239	75.3	11.7	Health aides and trainees <sup>4</sup> .....	148	219	276	86.2	19.6
						Nursing aides <sup>5</sup> .....	912	1,001	1,037	87.0	27.6
						Practical nurses.....	342	370	402	97.0	22.4

<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. 1979.

**NO. 163. AVERAGE FEES FOR INITIAL AND FOLLOWUP OFFICE VISITS, BY MEDICAL SPECIALTY: 1971 TO 1976**

[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	1973	1974	1975	1976	1971	1973	1974	1975	1976
	<b>All specialties<sup>1</sup>.....</b>	<b>\$16.00</b>	<b>\$16.98</b>	<b>\$19.55</b>	<b>\$21.16</b>	<b>\$24.90</b>	(NA)	(NA)	<b>\$12.45</b>	<b>\$13.08</b>
Annual percent change.....	<sup>2</sup> 16.3	3.0	15.1	8.2	17.7	(NA)	(NA)	<sup>2</sup> 11.1	5.1	17.4
General practice.....	9.65	10.73	12.02	13.10	14.80	\$6.93	\$7.52	8.75	9.29	10.65
Internal medicine.....	24.04	20.34	23.12	26.11	31.27	9.96	11.13	12.28	13.56	15.52
Surgery.....	17.09	17.59	18.88	20.81	23.29	9.18	10.34	11.27	12.22	13.94
Pediatrics.....	11.18	11.96	14.48	16.18	17.45	7.89	8.65	10.38	11.07	12.52
Obstetrics-gynecology.....	17.59	19.59	22.08	23.57	27.41	9.52	11.53	13.10	13.73	15.40

NA Not available. <sup>1</sup> Includes other specialties, not shown separately. <sup>2</sup> Change from 1969.

**NO. 164. AVERAGE NET INCOME OF PHYSICIANS, BY GEOGRAPHIC DIVISION AND AREA OF RESIDENCE: 1970 TO 1974**

[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>	All SMSA's, 1970	METROPOLITAN AREAS (SMSA's) <sup>2</sup> WITH—						NONMETROPOLITAN AREAS			
		Under 1 million inhabitants			1 million inhabitants or more			1970	1972	1973	1974
		1972	1973	1974	1972	1973	1974				
<b>United States</b> .....	<b>42.0</b>	<b>49.3</b>	<b>50.9</b>	<b>54.5</b>	<b>46.5</b>	<b>47.5</b>	<b>51.5</b>	<b>40.4</b>	<b>45.1</b>	<b>47.2</b>	<b>48.8</b>
New England.....	38.4	46.2	46.9	48.7	41.3	41.3	46.7	<sup>3</sup> 35.3	<sup>3</sup> 33.9	37.4	37.0
Middle Atlantic.....	37.5	45.3	43.2	49.8	42.6	44.0	47.6	<sup>3</sup> 40.4	42.0	44.0	41.6
East North Central.....	46.6	51.5	51.2	55.7	49.0	51.4	54.3	50.3	45.7	46.4	50.4
West North Central.....	41.5	49.3	62.0	53.3	45.2	49.9	53.2	40.2	44.4	45.4	50.7
South Atlantic.....	44.5	50.3	51.3	54.7	44.1	47.6	56.8	36.7	51.0	53.0	49.7
East South Central.....	41.0	56.4	55.0	61.7	(NA)	(NA)	(S)	43.9	49.8	50.3	52.7
West South Central.....	45.5	50.7	54.6	59.5	50.3	53.1	57.0	39.3	44.7	48.3	55.1
Mountain.....	39.5	45.1	50.4	49.0	46.6	45.4	53.5	38.7	37.2	46.3	43.9
Pacific.....	44.4	46.5	49.7	53.2	50.5	48.4	50.5	41.1	43.1	43.4	49.0

NA Not available. S Estimate does not meet criteria for reliability. <sup>1</sup> For composition of divisions, see fig. I, inside front cover. <sup>2</sup> Includes all counties in standard metropolitan statistical areas (SMSA's) and all counties considered potential SMSA's. Refers to 243 SMSA's as designated in 1970 census publications; for definition of SMSA, see Appendix II. <sup>3</sup> Based on fewer than 30 observations.

Source of tables 163 and 164: American Medical Association, Chicago, Ill., *Reference Data on Profile of Medical Practice*, annual. (Copyright.)

**NO. 165. UNINCORPORATED PHYSICIANS AND DENTISTS—MEDIAN NET EARNINGS FROM PRACTICE: 1959 TO 1977**

[In thousands of dollars. Represents net income from practice after payment of tax-deductible professional expenses but before payment of income taxes. For 1959-1971, data relate to physicians under age 65 in private practice; 1972, to office-based, patient care physicians under age 65; 1973-1977, to office-based, patient care physicians, all ages. Based on random sampling of all physicians in this category. For 1977, data for unincorporated and incorporated physicians are based on 1,128 and 1,069 usable responses, respectively, to the income question in the 1978 survey. For 1978 survey, 4,632 usable questionnaires (25 percent) were returned out of 18,277 questionnaires mailed. Data for dentists cover gross income (total collected fees) minus professional expenses and include incorporated dentists. For definition of median and average annual percent change, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series D 918-919, for physicians and dentists.]

FIELD OF PRACTICE	1959	1965	1970	1971	1972	1973	1974	1975	1976	1977
All physicians.....	22.1	29.0	41.5	42.7	40.7	42.1	44.6	47.5	52.4	52.6
Avg. annual percent change <sup>1</sup>	(NA)	4.6	7.5	2.9	-4.6	3.5	5.8	6.6	10.3	.4
General practitioners.....	20.0	25.1	37.4	37.5	34.3	37.9	37.6	38.6	43.7	46.0
Internists.....	22.3	27.7	41.3	42.9	41.8	43.1	44.0	53.7	53.6	59.6
General surgeons.....	27.9	32.5	45.0	45.9	45.3	47.3	51.2	53.7	61.4	56.7
Obstetricians-gynecologists.....	27.9	30.5	47.1	50.0	47.0	51.8	55.7	57.5	63.4	57.3
Pediatricians.....	20.7	25.2	35.9	38.4	37.5	38.3	41.0	43.5	45.9	49.2
Psychiatrists.....	(NA)	(NA)	(NA)	(NA)	37.2	37.4	39.5	(NA)	(NA)	47.9
Family practitioners.....	(NA)	(NA)	(NA)	(NA)	(NA)	40.6	44.2	48.2	50.7	54.8
Orthopedic surgeons.....	(NA)	(NA)	(NA)	(NA)	(NA)	62.2	62.4	(NA)	(NA)	71.7
All dentists <sup>2</sup> .....	<sup>3</sup> 13.4	<sup>4</sup> 12.7	28.1	(NA)	32.5	(NA)	30.2	(NA)	40.0	(NA)

NA. Not available. <sup>1</sup> For 1965, change from 1959; for 1970, change from 1965.

<sup>2</sup> Source: American Dental Association, Chicago, Ill., *Survey of Dental Practice*, biennial (copyright).

<sup>3</sup> 1968. <sup>4</sup> 1964.

**NO. 166. INCORPORATED PHYSICIANS—MEDIAN EARNINGS FROM PRACTICE: 1973 TO 1977**

[In thousands of dollars. Comprises office-based, patient-care medical doctors of all ages who are shareholders of a medical corporation. See headnote, table 165, for comment on survey response. Earnings include salary, bonuses (if any), and funds set aside by corporation for individual's retirement. For discussion of sampling procedures, see source. For definition of median and annual percent change, see Guide to Tabular Presentation.]

FIELD OF PRACTICE	1973	1974	1975	1976	1977	FIELD OF PRACTICE	1973	1974	1975	1976	1977
All fields.....	67.5	72.5	76.3	75.6	78.3	Obstetricians-gynecologists.....	72.5	77.5	83.4	89.2	92.9
Annual percent change.....	8.0	7.4	5.2	- .9	3.6	Pediatricians.....	55.0	55.5	58.6	56.6	62.5
Gen'l practitioners.....	55.5	55.0	59.2	58.7	63.4	Psychiatrists.....	50.0	56.1	(NA)	(NA)	62.3
Internists.....	58.8	62.5	71.1	66.9	73.5	Family practitioners.....	55.0	60.0	61.9	59.4	69.4
General surgeons.....	67.5	75.5	83.3	78.4	81.6	Orthopedic surgeons.....	82.5	87.5	(NA)	(NA)	98.8

NA. Not available.

Source of tables 165 and 166: Except as noted, Medical Economics Company, Oradell, N.J., *Medical Economics*. (Copyright © 1978 by Litton Industries, Inc.)

**NO. 167. MALPRACTICE INSURANCE PREMIUMS, BY SPECIALTY: 1974 TO 1977**

[Covers office-based, fee-for-service doctors of medicine (M.D.). 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.]

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

Z. Less than 1 percent. <sup>1</sup> Includes gynecologists.

<sup>2</sup> Covers only M.D.'s with expenditures for malpractice insurance.

Source: Medical Economics Company, Oradell, N.J., *Medical Economics*. (Copyright © 1978 by Litton Industries, Inc.)

**NO. 168. PHYSICIAN AND DENTAL VISITS: 1970 TO 1977**

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

SEX AND AGE OF PATIENT	PHYSICIAN VISITS						DENTAL VISITS					
	1970	1973	1974	1975	1976	1977	1970	1973	1974	1975	1976	1977
Total visits.....mil.	927	1,031	1,025	1,056	1,041	1,020	304	333	342	341	336	343
By males.....mil.	396	430	427	435	435	426	133	142	150	153	147	154
By females.....mil.	531	601	598	621	606	594	171	190	192	188	189	189
Visits per person.....	4.6	5.0	4.9	5.1	4.9	4.8	1.5	1.6	1.7	1.6	1.6	1.6
By males.....	4.1	4.3	4.3	4.3	4.3	4.2	1.4	1.4	1.5	1.5	1.4	1.5
By females.....	5.1	5.6	5.6	5.7	5.6	5.4	1.7	1.8	1.8	1.7	1.7	1.7
Under 6 years.....	5.9	6.2	6.3	6.5	6.3	6.3	.5	.5	.5	.6	.5	.5
6-16 years.....	2.9	3.3	3.2	3.2	3.0	3.1	1.9	2.1	2.1	2.0	1.9	2.0
17-24 years.....	4.6	4.9	4.5	4.8	4.4	4.3	1.8	1.7	1.7	1.8	1.8	1.6
25-44 years.....	4.6	5.1	5.0	5.1	4.9	4.7	1.7	1.7	1.7	1.7	1.7	1.7
45-64 years.....	5.2	5.5	5.5	5.6	5.7	5.4	1.5	1.7	1.8	1.8	1.8	1.8
65 years and over.....	6.3	6.5	6.7	6.6	6.9	6.5	1.1	1.1	1.2	1.2	1.2	1.3

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

**NO. 169. VISITS TO PHYSICIANS, BY RACE, FAMILY INCOME, AND TYPE OF VISIT: 1977**

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

TYPE OF VISIT	NUMBER (mil.)			PERCENT								
	All races	White	Other races	All races	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
Total visits <sup>1</sup> .....	1,020	898	122	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Physicians' offices.....	704	631	73	69.0	70.2	66.1	70.1	70.8	59.7	56.4	59.9	63.0
Telephone consultation <sup>2</sup> .....	127	119	8	12.4	13.2	12.9	11.5	14.0	6.3	4.1	5.9	8.1
Emergency room <sup>3</sup> .....	137	106	31	13.4	11.8	14.2	13.8	10.8	25.3	28.9	26.3	22.8
Other <sup>4</sup> .....	47	38	9	4.6	4.3	6.4	4.3	3.9	7.3	9.0	7.1	5.0

<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 dept. clinics, and other.

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

**NO. 170. INPATIENT HEALTH FACILITIES: 1968 TO 1977**

[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 con- trol	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	1,876	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	1,868	17,049	3,587	8,266	8,269	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	3,096
Nursing homes.....	21,834	1,819	16,712	3,803	7,383	8,081	6,370	1,198	636
Hospitals.....	7,438	2,744	1,000	3,694	493	2,535	4,410	2 <sup>1</sup> 1,120	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>3</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

- Represents zero. NA Not available. <sup>1</sup> Number of residents as of date of interview, except as noted. <sup>2</sup> Average daily patients. <sup>3</sup> See footnote 2, table 179. <sup>4</sup> Includes types not shown below.

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

## NO. 171. HOSPITALS—TYPE OF SERVICE AND CONTROL: 1950 TO 1977

[1950, excludes Alaska and Hawaii. Covers hospitals accepted for registration by American Hospital Association; see text, pp. 97 and 98. 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	1950	1960	1965	1970	1972	1973	1974	1975	1976	1977
<b>Hospitals</b> .....	6,788	6,876	7,123	7,123	7,061	7,123	7,174	7,156	7,082	7,099
With 100 beds or more.....	(NA)	2,903	3,153	3,488	3,509	3,566	3,665	3,691	3,723	3,757
<b>Beds</b> .....	1,456	1,658	1,704	1,616	1,550	1,535	1,513	1,466	1,434	1,407
Rate per 1,000 population <sup>1</sup> .....	9.6	9.3	8.9	8.0	7.4	7.3	7.2	6.9	6.7	6.5
Beds per hospital.....	214	241	239	227	220	215	211	205	202	198
Occupancy rate <sup>2</sup> .....	86.0	84.6	82.3	80.3	78.0	77.5	77.2	76.7	76.0	75.8
CONTROL AND TYPE OF SERVICE										
<b>Non-Federal hospitals</b> .....	6,374	6,441	6,680	6,715	6,660	6,726	6,787	6,774	6,702	6,722
Beds.....	1,266	1,481	1,530	1,455	1,407	1,392	1,377	1,334	1,305	1,284
<b>Short-term general and special</b> .....	5,031	5,407	5,736	5,859	5,843	5,891	5,977	5,979	5,965	5,973
Beds.....	505	639	741	848	884	903	931	947	961	974
Rate per 1,000 population <sup>1</sup> .....	3.3	3.6	3.9	4.2	4.2	4.3	4.4	4.4	4.5	4.5
Occupancy rate <sup>2</sup> .....	73.7	74.7	76.0	78.0	75.2	75.4	75.3	74.8	74.4	73.6
<b>Long-term general and special</b> .....	412	308	283	236	216	229	221	215	197	189
Beds.....	70	67	66	60	54	57	54	51	49	45
Occupancy rate <sup>2</sup> .....	85.7	86.9	85.3	82.0	83.0	82.1	82.5	82.1	82.7	84.3
<b>Psychiatric</b> .....	533	488	483	519	529	543	543	544	523	541
Beds.....	620	722	685	527	457	422	383	330	291	261
Occupancy rate <sup>2</sup> .....	97.9	93.1	88.6	84.8	82.8	81.1	80.0	80.3	79.1	80.7
<b>Tuberculosis</b> .....	398	238	178	101	72	63	46	36	21	19
Beds.....	72	52	37	20	13	10	8	6	4	3
Occupancy rate <sup>2</sup> .....	86.1	75.4	70.0	61.8	61.2	61.9	63.2	57.7	57.8	60.4
<b>Federal hospitals, all types</b> .....	414	435	443	408	401	397	387	382	380	377
Beds.....	189	177	174	161	143	142	136	132	129	124
Occupancy rate <sup>2</sup> .....	80.4	87.2	86.1	79.6	80.0	79.0	80.7	80.7	79.3	79.6
NONFEDERAL OWNERSHIP OR CONTROL										
<b>State hospitals</b> .....	(*)	556	546	577	570	568	558	551	519	512
Beds.....	(*)	752	708	558	482	449	409	358	317	286
Occupancy rate <sup>2</sup> .....	(*)	91.8	87.5	83.3	81.6	80.0	79.2	79.2	78.2	79.7
<b>Local government hospitals</b> .....	<sup>3</sup> 1,654	1,324	1,495	1,680	1,730	1,757	1,763	1,755	1,747	1,760
Beds.....	<sup>3</sup> 844	201	216	219	219	218	215	211	208	205
Occupancy rate <sup>2</sup> .....	<sup>3</sup> 81.8	77.1	76.3	75.6	73.0	72.8	72.0	71.5	70.9	70.0
<b>Nongov'tal nonprofit hospitals</b> .....	3,250	3,579	3,670	3,600	3,515	3,518	3,576	3,562	3,551	3,551
Beds.....	368	482	552	619	641	652	673	681	692	701
Occupancy rate <sup>2</sup> .....	74.8	77.3	78.2	80.2	77.6	78.0	78.0	77.6	77.3	76.5
<b>For-profit hospitals</b> .....	1,470	982	969	858	845	883	900	906	885	899
Beds.....	55	46	54	59	65	73	80	84	87	91
Occupancy rate <sup>2</sup> .....	63.6	67.6	69.1	72.4	68.9	68.6	68.2	66.6	65.5	65.5

NA Not available. <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. <sup>3</sup> State hospitals included with "Local."

## NO. 172. HOSPITAL EXPENSE PER PATIENT DAY: 1950 TO 1977

[In dollars, except percent. Prior to 1960, excludes Alaska and Hawaii. For definitions, see headnote, table 171. See also *Historical Statistics, Colonial Times to 1970*, series B 389-400]

EXPENSE BY HOSPITAL TYPE	1950	1955	1960	1965	1970	1972	1973	1974	1975	1976	1977
<b>Total expense</b> .....	8	11	16	25	54	74	84	97	119	141	164
Annual percent change <sup>1</sup> .....	11.3	7.1	7.9	9.0	16.4	17.0	13.2	16.2	22.1	18.4	16.4
<b>Non-Federal:</b>											
Short-term, gen. and spec.	16	23	32	44	81	105	115	128	151	174	198
Long-term, gen. and spec.	5	8	13	20	36	44	47	53	63	71	77
Psychiatric.....	2	4	5	8	17	23	27	33	41	50	58
Tuberculosis.....	7	10	13	17	34	42	48	54	76	84	96
<b>Federal</b> .....	13	15	20	29	53	75	86	99	117	142	172
<b>Fayroll expense</b> .....	5	7	11	17	33	44	49	56	66	76	87
Percent of total.....	60.0	64.1	66.3	66.0	61.5	59.8	58.8	57.5	55.7	54.3	53.0
<b>Non-Federal:</b>											
Short-term, gen. and spec.	9	14	20	27	47	60	64	70	80	90	100
Long-term, gen. and spec.	3	5	9	14	24	30	32	35	40	44	48
Psychiatric.....	1	2	3	6	12	17	20	24	29	34	39
Tuberculosis.....	4	6	9	12	24	29	33	37	48	54	60
<b>Federal</b> .....	9	12	16	23	37	51	58	66	75	91	110

<sup>1</sup> For explanation of annual percent change, see Guide to Tabular Presentation. For 1950, change from 1946.

Source of tables 171 and 172: American Hospital Association, Chicago, Ill., *Hospitals*, Guide Issue, annual; beginning 1972, *Hospital Statistics*, annual. (Copyright.)

No. 173. HOSPITALS—ASSETS, EXPENSES, AND PERSONNEL, BY TYPE OF CONTROL AND SERVICE: 1960 TO 1977

[See headnote, table 171. See also *Historical Statistics, Colonial Times to 1970*, series B 413-422]

SUBJECT AND YEAR	All hospitals	Federal hospitals	NONFEDERAL HOSPITALS							
			Total	Psychiatric	Tuberculosis	Long-term	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	7,260
1974	51,706	3,528	48,178	4,776	166	1,896	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	3,081	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	1,598	11,350	1,662	165	406	9,147	6,643	510	1,994
1970	25,550	2,483	23,073	2,712	152	649	19,560	14,103	1,068	4,328
1972	32,667	3,148	29,520	3,134	119	718	25,549	18,384	1,407	5,768
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
<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	99	1,929	1,387	97	444
1972	2,671	232	2,439	307	12	63	2,056	1,474	105	477
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	113	522
1975	3,023	256	2,766	292	7	88	2,399	1,714	139	540
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
<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	296
1972	221	203	223	81	155	142	310	308	267	325
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	377
1977	301	282	303	136	227	167	360	359	307	382

<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. 174. HOSPITAL USE RATES, BY TYPE OF HOSPITAL: 1950 TO 1977

[Prior to 1960, excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series B 381-388]

TYPE OF HOSPITAL	1950	1955	1960	1965	1970	1972	1973	1974	1975	1976	1977
<b>General and special hospitals:<sup>1</sup></b>											
Admissions rate <sup>2</sup>	110	125	136	146	152	156	160	165	166	168	168
Days in hospital, rate <sup>2</sup>	10.6	1,238	1,265	1,329	1,440	1,395	1,414	1,432	1,425	1,424	1,404
Average length of stay <sup>2</sup> —days	1.165	9.9	9.3	9.1	9.5	8.9	8.8	8.7	8.6	8.5	8.3
Occupancy rate <sup>3</sup>	73	74	77	77	78	76	76	76	75	75	74
Outpatient visits, rate <sup>4</sup>	(NA)	(NA)	(NA)	640	869	1,026	1,084	1,155	1,165	1,230	1,219
<b>Psychiatric hospitals:</b>											
Admissions rate <sup>2</sup>	2.0	2.2	2.3	2.9	3.3	3.2	3.1	3.2	3.2	3.1	3.1
Days in hospital, rate <sup>2</sup>	1,659	1,645	1,491	1,261	862	714	641	574	495	429	391
<b>Tuberculosis hospitals:<sup>5</sup></b>											
Admissions rate <sup>2</sup>	7.0	7.0	3.8	2.7	1.8	1.4	1.2	1.0	.7	.5	.6
Days in hospital, rate <sup>2</sup>	1,747	1,459	796	491	225	138	112	88	56	34	34

NA Not available. <sup>1</sup> Long- and short-term; excludes psychiatric and tuberculosis.

<sup>2</sup> Rate per 1,000 population, except tuberculosis, rate per 10,000 population. 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> Ratio of average daily census to every 100 beds. <sup>5</sup> Excludes Federal hospitals.

<sup>6</sup> Beginning 1960, excludes short-term.

Source: 1950-1965, U.S. National Center for Health Statistics, *Health, Education, and Welfare Trends*. (Based on data prepared by American Medical Association and American Hospital Association.) Beginning 1970, American Hospital Association, Chicago, Ill., *Hospital Statistics*, annual (copyright).

No. 175. HOSPITAL FACILITIES—TOTAL, 1960 TO 1977, AND STATES AND PUERTO RICO, 1977

[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)		Bas-sinets (1,000)	PATIENTS ADMITTED (mil.)		AVERAGE DAILY CENSUS <sup>2</sup> (1,000)		OCCUPANCY RATE <sup>3</sup>		Per-son-nel <sup>4</sup> (1,000)
	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	1,688.0	639.1	102.8	25.0	23.0	1,401.9	477.4	84.6	74.7	1,598
1965.....	7,123	5,736	1,703.5	741.3	101.3	28.8	26.5	1,402.6	563.4	82.3	76.0	1,952
1968.....	7,137	5,820	1,663.2	805.9	97.3	29.8	27.3	1,378.4	630.4	82.9	78.2	2,309
1969.....	7,144	5,853	1,649.7	825.8	94.9	30.7	28.3	1,346.3	650.8	81.6	78.8	2,426
1970.....	7,123	5,859	1,615.8	848.2	97.1	31.8	29.3	1,297.7	661.5	80.3	78.0	2,537
1971.....	7,097	5,865	1,555.6	866.5	94.3	32.7	30.1	1,236.8	664.8	79.5	76.7	2,589
1972.....	7,061	5,843	1,549.7	883.7	93.0	33.3	30.8	1,208.9	664.1	78.0	75.2	2,671
1973.....	7,123	5,891	1,534.7	903.3	90.1	34.4	31.8	1,189.0	681.5	77.5	75.4	2,769
1974.....	7,174	5,977	1,512.7	931.2	88.3	35.5	32.9	1,167.4	701.3	77.2	75.3	2,919
1975.....	7,156	5,979	1,465.8	947.0	86.9	36.2	33.5	1,124.9	708.1	76.7	74.8	3,023
1976.....	7,082	5,956	1,433.5	961.2	85.3	36.8	34.1	1,089.7	714.8	76.0	74.4	3,108
1977, U.S.....	7,099	5,973	1,407.1	973.9	83.2	37.1	34.4	1,065.9	716.7	75.8	73.6	3,213
Ala.....	149	133	25.2	18.3	1.7	.7	.7	19.2	13.4	76.4	73.0	54
Alaska.....	26	16	1.7	.9	.2	.1	(z)	1.1	.6	62.3	60.2	5
Ariz.....	80	59	11.1	8.5	.9	.4	.3	8.1	6.1	72.8	71.6	31
Ark.....	97	91	13.6	10.1	.9	.4	.4	9.7	6.9	71.7	68.8	28
Calif.....	625	535	115.4	83.7	6.5	3.3	3.1	80.7	55.1	69.9	65.8	290
Colo.....	103	87	15.1	11.3	1.0	.5	.4	10.7	7.8	71.0	68.9	38
Conn.....	64	40	19.1	11.0	1.0	.5	.4	15.1	8.6	79.2	78.0	46
Del.....	16	8	4.7	2.1	.2	.1	.1	4.0	1.7	85.8	79.8	10
D.C.....	20	13	9.9	4.9	.4	.2	.2	8.3	3.8	84.6	77.8	29
Fla.....	247	212	54.9	42.1	2.5	1.6	1.5	39.8	29.5	72.5	70.0	124
Ga.....	188	160	31.2	22.0	2.3	.9	.8	22.4	14.9	71.9	67.8	72
Hawaii.....	28	20	3.9	2.6	.4	.1	.1	3.0	1.9	76.8	73.3	11
Idaho.....	51	46	3.7	3.2	.4	.1	.1	2.5	2.2	67.9	66.9	8
Ill.....	286	246	76.1	55.5	4.3	2.0	1.9	59.0	42.0	77.5	75.4	185
Ind.....	136	116	34.5	23.7	2.2	.9	.8	26.6	18.0	77.1	76.2	73
Iowa.....	141	131	21.5	16.7	1.5	.6	.5	14.9	11.1	69.1	66.5	42
Kans.....	162	146	18.1	13.3	1.3	.5	.4	12.8	9.1	70.8	68.3	38
Ky.....	122	107	18.7	14.7	1.4	.6	.6	14.7	11.4	78.2	77.8	42
La.....	160	142	25.0	17.8	1.9	.8	.7	17.7	12.4	70.6	69.6	54
Maine.....	54	49	7.3	5.1	.5	.2	.2	5.3	3.6	72.8	70.3	17
Md.....	83	51	24.9	13.6	1.0	.6	.5	20.5	11.2	82.5	82.8	61
Mass.....	193	127	47.6	26.4	1.8	.9	.9	38.1	20.6	80.0	77.9	121
Mich.....	252	215	52.4	40.2	3.5	1.5	1.4	40.9	30.8	78.1	76.7	132
Minn.....	139	173	31.1	23.8	2.1	.7	.7	22.6	16.7	72.6	70.0	61
Miss.....	114	104	17.0	11.4	1.1	.5	.4	12.3	8.1	72.8	71.5	32
Mo.....	169	150	35.7	27.1	2.0	1.0	.9	26.6	20.1	74.5	74.2	83
Mont.....	65	57	5.1	3.9	.4	.1	.1	3.2	2.3	63.3	59.8	10
Nebr.....	108	97	11.5	9.2	1.0	.3	.3	7.6	6.0	65.9	66.0	23
Nev.....	25	19	3.2	2.6	.2	.1	.1	2.1	1.7	65.7	67.9	8
N.H.....	33	29	5.0	3.5	.4	.1	.1	3.6	2.5	73.0	71.4	12
N.J.....	140	108	45.2	30.0	2.3	1.1	1.0	35.9	24.5	79.5	81.5	95
N. Mex.....	54	37	6.6	3.7	.6	.2	.1	4.5	2.4	68.6	64.5	16
N.Y.....	333	303	140.8	83.8	6.1	2.8	2.6	118.9	70.4	84.4	84.0	325
N.C.....	160	130	34.2	22.4	2.3	.9	.8	26.6	17.1	77.7	76.6	73
N. Dak.....	61	54	6.0	4.5	.5	.1	.1	4.2	3.0	69.3	67.4	11
Ohio.....	248	211	67.8	50.1	4.1	1.9	1.8	53.9	39.5	79.5	78.8	159
Okla.....	142	122	17.3	12.4	1.3	.5	.5	11.9	8.1	68.8	65.8	39
Oreg.....	88	81	12.0	9.1	.8	.4	.4	8.4	6.0	69.5	66.5	27
Pa.....	318	251	89.4	55.6	4.2	2.0	1.9	70.2	43.2	78.6	77.6	190
R.I.....	21	14	6.8	3.5	.3	.1	.1	5.9	2.8	85.6	82.1	17
S.C.....	89	75	17.3	11.1	1.1	.5	.4	13.1	8.2	75.4	74.3	35
S. Dak.....	70	57	6.0	3.8	.5	.1	.1	4.1	2.4	68.4	62.3	11
Tenn.....	164	144	31.2	23.0	1.8	.9	.9	24.1	17.1	77.2	74.3	66
Tex.....	568	505	78.0	58.3	5.3	2.4	2.2	54.8	39.5	70.3	67.8	178
Utah.....	40	34	5.0	3.8	.6	.2	.2	3.6	2.7	70.9	69.8	13
Vt.....	19	16	3.1	2.3	.2	.1	.1	2.3	1.7	76.1	74.9	7
Va.....	135	103	32.2	20.1	1.8	.8	.7	24.6	15.4	76.5	76.5	67
Wash.....	128	110	16.3	12.2	1.2	.6	.5	11.0	8.0	67.9	65.8	41
W. Va.....	83	68	15.5	10.1	.8	.4	.4	12.0	7.6	76.9	75.1	30
Wis.....	172	145	29.8	23.5	2.0	.8	.7	21.1	16.3	71.1	69.3	66
Wyo.....	30	26	2.6	1.7	.2	.1	.1	1.6	.9	62.2	54.0	5
P.R.....	66	60	11.5	9.0	.8	.4	.3	8.6	6.6	74.9	73.8	24

Z Less than 50,000. <sup>1</sup> Non-Federal hospitals. <sup>2</sup> Inpatients receiving treatment each day; excludes newborn. <sup>3</sup> Ratio of average daily census to every 100 beds. <sup>4</sup> Includes full-time equivalents of part-time personnel.

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

**NO. 176. HOSPITAL UTILIZATION RATES, BY SEX AND AGE OF PATIENT: 1965 TO 1977**

(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	335
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, total-----	35,902	169	140	196	1,237	1,095	1,369	7.3	7.8	7.0	339
Under 1-----	667	211	237	184	1,191	1,334	1,042	5.6	5.6	5.7	320
1-4-----	1,116	92	106	78	349	409	286	3.8	3.9	3.7	90
5-14-----	1,992	55	60	50	218	244	190	4.0	4.1	3.8	60
15-24-----	5,739	144	82	205	668	471	857	4.6	5.8	4.2	183
25-34-----	5,750	178	99	253	922	614	1,212	5.2	6.2	4.8	253
35-44-----	3,691	160	127	190	1,060	895	1,212	6.6	7.0	6.4	290
45-64-----	8,604	198	195	201	1,688	1,679	1,697	8.5	8.6	8.4	462
65 and over-----	8,344	374	397	359	4,156	4,281	4,068	11.1	10.8	11.3	1,139

<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. 177. SURGICAL OPERATIONS IN SHORT-STAY HOSPITALS: 1965 TO 1977**

[1965-1971, for ages 15 and over only; 1973-1977, for all ages. See headnote, table 176]

SEX AND TYPE OF OPERATION	NUMBER OF OPERATIONS (mil.)						RATE PER 100,000 POPULATION <sup>1</sup>					
	1965	1971	1973	1975	1976	1977	1965	1971	1973	1975	1976	1977
Total-----	14.7	15.8	18.4	20.0	20.1	21.2	7,735	7,805	8,952	9,584	9,539	9,972
Male <sup>2</sup> -----	5.8	6.2	6.9	7.4	7.5	8.0	6,269	6,333	6,985	7,315	7,429	7,775
Abdominal-----	(NA)	1.2	1.4	1.4	1.4	1.4	(NA)	1,279	1,367	1,391	1,364	1,372
Repair of inguinal hernia-----	(NA)	.4	.5	.5	.5	.5	(NA)	447	467	480	448	457
Orthopedic-----	1.0	1.1	1.2	1.3	1.3	1.5	1,048	1,101	1,225	1,330	1,326	1,454
Otorhinolaryngology-----	.9	.9	.9	.8	.9	.9	1,016	921	910	832	878	870
Urological-----	(NA)	.9	1.0	1.1	1.1	1.2	(NA)	931	1,039	1,104	1,107	1,160
Plastic surgery-----	(NA)	.5	.5	.5	.6	.6	(NA)	502	547	536	542	552
Biopsy-----	(NA)	.2	.3	.4	.4	.4	(NA)	245	302	349	379	306
Vascular and cardiac-----	(NA)	.3	.4	.5	.6	.7	(NA)	309	413	518	575	653
Ophthalmology-----	.2	.3	.3	.3	.3	.4	220	261	298	332	328	362
Proctological-----	(NA)	.3	.3	.3	.3	.3	(NA)	295	305	313	300	300
Female <sup>2</sup> -----	8.9	9.6	11.5	12.7	12.5	13.2	9,090	9,151	10,777	11,700	11,506	12,021
Gynecological <sup>2</sup> -----	2.7	2.8	3.6	3.9	3.8	4.0	2,780	2,660	3,347	3,597	3,519	3,642
Dilation and curet- tage of uterus <sup>2</sup> -----	(NA)	.8	.9	1.0	1.0	1.0	(NA)	734	877	903	902	907
Hysterectomy-----	(NA)	.6	.7	.7	.7	.7	(NA)	544	648	670	622	642
Abdominal-----	(NA)	1.2	1.4	1.5	1.4	1.5	(NA)	1,141	1,304	1,379	1,305	1,396
Orthopedic-----	.8	.9	1.1	1.3	1.3	1.4	816	842	1,064	1,161	1,187	1,245
Otorhinolaryngology-----	.9	.9	.9	.9	.9	.9	921	850	873	834	786	811
Urological-----	(NA)	.3	.4	.5	.4	.5	(NA)	315	395	427	409	430
Obstetrical procedures <sup>4</sup> -----	.8	1.0	1.1	1.3	1.3	1.4	831	928	1,011	1,159	1,176	1,285
Plastic surgery-----	(NA)	.5	.5	.5	.5	.5	(NA)	431	467	459	488	480
Biopsy-----	(NA)	.5	.6	.8	.7	.8	(NA)	493	580	697	671	699
Ophthalmology-----	.2	.3	.4	.4	.4	.5	223	293	336	392	402	426

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. 178. 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 170 and 179-181, 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>6</sup> .....dol..	481	(x)	482	431	640	378	528	934
<b>Total residents</b> <sup>6</sup> .....	<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.....	597	38.5	378	22	46	110	26	14
Female.....	948	61.1	803	15	18	78	17	17
White.....	1,410	91.0	1,101	31	49	169	31	29
Black and other.....	135	8.7	80	6	15	20	13	2
Under 18 years old.....	152	9.9	9	19	23	56	40	(z)
18-64 years old.....	334	21.5	154	16	32	125	3	5
65 years old and over.....	1,028	66.3	989	2	5	6	(z)	26
Length of current stay:								
Less than 1 year.....	525	33.8	432	7	41	15	21	9
1 to 2 years.....	273	17.6	233	4	9	11	9	7
3 to 4 years.....	280	18.1	234	5	6	23	5	8
5 to 9 years.....	272	17.6	200	8	4	50	6	5
10 to 19 years.....	97	6.3	36	10	2	46	1	2
20 or more years.....	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. 179. NURSING AND RELATED CARE FACILITIES: 1963 TO 1978**

[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	1977	1978
<b>Nursing and related care:</b> <sup>1</sup>										
Facilities.....no.	16,701	19,141	18,910	(NA)	22,004	21,834	(NA)	<sup>2</sup> 20,468	(NA)	(NA)
Beds.....1,000	569	837	944	(NA)	1,202	1,328	(NA)	<sup>2</sup> 1,415	(NA)	(NA)
Resident patients.....1,000	491	756	850	(NA)	1,076	1,198	(NA)	<sup>2</sup> 1,293	(NA)	(NA)
Personnel employed <sup>3</sup> .....1,000	242	383	444	(NA)	568	636	(NA)	(NA)	(NA)	(NA)
Per 1,000 patients.....	491	507	522	(NA)	528	531	(NA)	(NA)	(NA)	(NA)
<b>Skilled nursing facilities</b> <sup>4</sup> .....no.	(NA)	<sup>5</sup> 4,160	4,840	4,646	4,277	3,970	3,932	3,928	4,002	4,749
Beds.....1,000	(NA)	<sup>5</sup> 291	341	333	307	287	287	310	350	418
Per 1,000 enrollees <sup>6</sup> .....	(NA)	15.2	17.3	16.8	15.3	13.7	13.3	13.6	15.1	17.6

NA Not available. <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> Full-time employees only.

<sup>4</sup> Source: 1967-1976, U.S. Social Security Administration, *Health Insurance Statistics*. Beginning 1977, 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>5</sup> As of July. <sup>6</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. 180. NURSING HOMES—SELECTED CHARACTERISTICS OF HOMES AND RESIDENTS, RESIDENT CHARGES, AND PRIMARY SOURCES OF PAYMENT: 1964 TO 1977**

[Data based on periodic surveys; for details, see source. Except as noted, covers only nursing homes and personal care homes with nursing]

NURSING HOMES	1964	1969	1973-1974	1977 <sup>1</sup>	RESIDENTS IN NURSING AND PERSONAL CARE HOMES	1964 <sup>1</sup>	1969 <sup>1</sup>	1973-1974	1977 <sup>1</sup>
Estimated number, 1,000..	14.6	15.0	15.7	18.9	<b>Total</b> .....1,000..	<b>554</b>	<b>815</b>	<b>1,076</b>	<b>1,303</b>
Beds, total.....1,000..	576	879	1,175	1,402	White.....1,000..	(NA)	779	1,010	1,201
Average per home.....	39	59	75	74	Black and other.....1,000..	(NA)	37	65	102
Per 1,000 persons 65 years old and over.....	32.2	45.2	55.2	59.7	Under 65 years old...1,000..	66	93	114	177
Employment in homes <sup>2</sup> .....1,000..	246	495	713	<sup>3</sup> 648	65 yr. old and over...1,000..	488	722	962	1,126
Per 100 residents.....	47.4	63.5	66.3	49.7	Percent of total.....	88.0	88.6	89.4	86.4
Average monthly resident charge.....dol..	186	328	479	689	Male.....1,000..	194	252	318	375
Primary source of payment:					Under 65 years...1,000..	36	45	52	81
Percent, by type:					65 yr. and over...1,000..	158	207	266	294
Medicare.....(X)		3.4	1.1	2.0	Percent of male.....	81.3	82.2	83.5	78.3
Medicaid.....(X)		13.3	47.9	47.8	65-74.....1,000..	40	51	65	80
Public assistance.....	47.0	36.5	11.4	6.4	75-84.....1,000..	74	91	102	122
Other.....	54.0	46.9	39.7	43.8	85 and over...1,000..	43	64	98	92
Residents, total...1,000..	519	778	1,076	1,303	Female.....1,000..	360	563	758	928
					Under 65 years...1,000..	30	48	62	96
					65 yr. and over...1,000..	330	515	696	832
					Percent of female.....	91.6	91.5	91.8	90.0
					65-74.....1,000..	64	86	98	131
					75-84.....1,000..	157	232	283	343
					85 and over...1,000..	109	193	315	358

NA Not available. X Not applicable.

<sup>1</sup> Includes personal care homes without nursing. <sup>2</sup> Full-time equivalent.

<sup>3</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. 181. NURSING AND RELATED CARE FACILITIES, BY STATES: 1971 AND 1976**

[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 179]

STATE	FACILITIES		BEDS (1,000)		RESIDENT PATIENTS (1,000)		STATE	FACILITIES		BEDS (1,000)		RESIDENT PATIENTS (1,000)	
	1971	1976	1971	1976	1971	1976		1971	1976	1971	1976	1971	1976
	U.S.....	22,004	20,468	1,202	1,415	1,076		1,293	Miss.....	134	147	7.1	9.0
Ala.....	192	217	13.4	19.5	12.3	18.4	Mo. <sup>1</sup> .....	494	474	32.0	33.7	28.5	30.6
Alaska.....	8	11	.7	.8	.5	.7	Mont.....	103	107	4.5	5.3	4.1	5.1
Ariz. <sup>1</sup> .....	82	71	5.2	5.9	4.6	5.6	Nebr. <sup>1</sup> .....	263	284	15.1	23.3	13.7	21.2
Ark.....	218	217	15.1	19.8	13.8	18.5	Nev.....	43	37	1.4	1.6	1.2	1.4
Calif.....	4,277	3,500	146.0	138.2	121.5	124.5	N.H.....	140	115	5.5	6.4	5.0	5.9
Calif. <sup>1</sup> .....	212	243	16.4	22.7	14.9	19.1	N.J.....	548	467	30.8	34.0	27.7	32.3
Conn.....	380	356	21.9	24.6	20.6	23.2	N. Mex.....	60	72	3.3	3.4	2.6	3.0
Del.....	34	29	1.9	2.0	1.7	2.0	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>1</sup> .....	843	722	19.2	24.6	17.5	22.7
Fla.....	373	335	35.9	33.1	29.6	29.6	N. Dak.....	109	103	6.2	6.9	5.9	6.6
Ga.....	283	325	22.8	29.5	20.8	28.2	Ohio.....	1,191	953	59.5	64.9	53.2	60.3
Hawaii.....	132	144	2.3	3.2	2.2	2.9	Okla.....	411	362	26.9	26.7	23.8	24.2
Idaho <sup>1</sup> .....	64	67	3.9	4.8	3.4	4.6	Oreg.....	311	283	17.2	17.2	16.0	15.9
Ill.....	1,046	936	66.9	88.3	61.1	80.7	Pa. <sup>1</sup> .....	753	676	57.7	61.9	52.5	57.0
Ind.....	522	506	32.5	37.5	29.0	33.7	R.I. <sup>1</sup> .....	185	120	6.5	7.3	6.1	6.6
Iowa.....	747	552	33.8	33.9	30.4	31.7	S.C.....	118	119	7.5	8.7	6.6	8.0
Kans.....	480	393	21.9	20.2	21.9	21.9	S. Dak.....	153	154	7.0	8.4	6.6	7.9
Ky.....	344	321	18.6	21.0	16.5	19.2	Tenn. <sup>1</sup> .....	234	290	14.3	20.1	12.2	19.3
La.....	212	205	14.6	19.1	13.3	18.2	Tex. <sup>1</sup> .....	937	1,105	70.8	102.1	60.8	84.3
Maine.....	288	307	7.4	8.0	6.8	8.6	Utah.....	142	104	4.8	4.6	4.4	4.4
Md.....	195	191	14.7	19.2	13.8	18.2	Vt. <sup>1</sup> .....	101	263	3.0	5.1	2.8	4.5
Mass. <sup>1</sup> .....	960	869	49.7	60.9	46.1	48.1	Va. <sup>1</sup> .....	335	341	15.7	25.4	14.1	23.9
Mich. <sup>1</sup> .....	562	704	43.3	56.8	40.2	58.8	Wash.....	385	370	28.6	30.3	25.2	27.9
Minn. <sup>1</sup> .....	593	517	41.1	43.0	38.0	41.0	W. Va.....	124	127	3.9	5.6	3.5	5.0
							Wis. <sup>1</sup> .....	490	530	37.6	52.6	34.0	47.9
							Wyo.....	34	30	1.7	1.9	1.6	1.8

<sup>1</sup> See footnote 2, table 179.

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

**NO. 182. PATIENT CARE EPISODES IN MENTAL HEALTH FACILITIES, BY TYPE OF TREATMENT FACILITY: 1955 TO 1975**

["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>						
<b>Patient care episodes (1,000):</b>										
1955.....	1,675	1,296	819	123	266	88	(NA)	379	(NA)	379
1965.....	2,637	1,586	805	125	519	116	(NA)	1,071	(NA)	1,071
1971.....	4,038	1,721	745	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
<b>Percent distribution:</b>										
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
<b>Rate per 100,000 population:</b>										
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

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) 77-168, 1977.

**NO. 183. PUBLIC FACILITIES FOR THE MENTALLY RETARDED: 1950 TO 1978**

[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. Data as submitted by many State agencies; therefore, in many instances figures reflect estimates rather than substantiated figures. For example, resident patients at the end of a year do not equal the number at the beginning of a succeeding year. Includes estimates for underreporting wherever possible. See also *Historical Statistics, Colonial Times to 1970*, series B 428-443]

ITEM	1950	1960	1965	1970	1975	1976	1978 <sup>1</sup>
Number of institutions.....	96	108	143	190	210	244	371
Resident patients, beginning of year.....	103,377	158,682	181,549	189,956	166,689	(NA)	159,885
Admissions <sup>2</sup> .....	10,369	14,701	17,300	14,985	13,424	8,312	13,657
Patients under treatment.....	113,746	173,383	198,849	204,941	180,113	(NA)	(NA)
Deaths in institutions.....	1,971	3,202	3,583	3,496	2,752	(NA)	2,375
Net live releases <sup>3</sup> .....	4,681	6,451	7,993	14,702	18,320	12,637	4 17,843
Resident patients, end of year.....	107,094	163,780	187,273	186,743	159,041	187,134	151,324
Rate per 100,000 population <sup>5</sup> .....	71.0	91.9	97.7	92.6	75.2	75.8	69.9
Average daily resident patients.....	127,830	163,282	189,172	187,897	161,061	153,584	148,533
Personnel, full-time, total <sup>6</sup> .....	25,744	54,277	79,056	117,327	(NA)	97,243	(NA)
Rate per 100 avg. daily resident patients.....	20.1	33.2	41.8	62.4	(NA)	63.3	(NA)
Maintenance expenditures <sup>6 7</sup> .....mil. dol..	92	266	442	871	1,837	(NA)	(NA)
Per average daily resident patient:							
Per year.....dol..	746	1,650	2,335	4,635	11,815	13,052	(NA)
Per day.....dol..	2	5	6	13	31	36	50

NA Not available. <sup>1</sup> Includes data for 135 facilities 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 9,101. <sup>2</sup> Except for 1976, data include readmissions and exclude transfers. 1976 excludes readmissions and includes transfers. <sup>3</sup> Excess of patients released alive from hospital over those returning to hospital. <sup>4</sup> Total live releases. <sup>5</sup> Based on Bureau of the Census estimated civilian population as of July 1. <sup>6</sup> Reporting facilities only. <sup>7</sup> Includes salaries and wages, purchased provisions, fuel, light, water, etc.

Source: U.S. Office of Human Development Services, *Residents in Public Institutions for the Mentally Retarded*, annual, through 1970, and unpublished data; 1978, Krantz, Bruininks, and Clumpper, *Mentally Retarded People in State-Operated Residential Facilities: Year Ending June 30, 1978*.

## No. 134. PATIENTS IN MENTAL HEALTH FACILITIES: 1975 TO 1978

(Additions comprise admissions and readmissions)

STATE	MENTAL CARE HOSPITALS <sup>1</sup>				Out-patient psychiatric services, additions, <sup>1, 2</sup> 1975	General hospitals with psychiatric inpatient units, additions, <sup>1, 3</sup> 1975	PUBLIC INSTITUTIONS FOR MENTALLY RETARDED <sup>4</sup>		
	State and county, 1976		Private, 1975				Resident patients, as of June 30, 1978	Total admissions, 1978 <sup>5</sup>	Total live releases, 1978 <sup>6</sup>
	Resident patients, end of year	Total additions	Resident patients, end of year	Total additions					
Facilities, number.....	300		182		1,801	791	371		
United States.....	171,497	415,589	11,576	125,529	1,594,148	543,731	151,324	13,657	17,843
Alabama.....	2,533	3,147	114	2,902	10,846	7,433	1,856	191	333
Alaska.....	101	746	-	-	1,251	-	96	6	19
Arizona.....	630	1,343	41	694	18,579	5,182	920	14	152
Arkansas.....	387	2,587	-	-	3,306	3,938	1,775	287	263
California.....	8,658	27,972	1,448	18,793	171,428	54,192	9,674	601	713
Colorado.....	1,000	6,198	168	2,260	24,468	4,298	1,413	51	110
Connecticut.....	2,905	14,108	639	2,455	28,367	6,741	3,080	1,342	1,490
Delaware.....	721	1,870	45	580	5,597	-	538	18	41
Dist. of Columbia.....	2,638	5,082	170	1,234	9,761	2,321	1,159	42	4
Florida.....	5,836	7,880	365	6,880	48,342	26,730	4,584	361	595
Georgia.....	5,551	22,532	269	5,095	33,472	11,516	2,644	584	745
Hawaii.....	176	905	-	-	5,091	757	475	52	61
Idaho.....	209	770	-	-	48	1,081	427	61	69
Illinois.....	6,440	25,420	427	5,898	84,812	32,864	6,361	164	944
Indiana.....	4,270	8,463	29	342	22,425	11,086	2,599	172	359
Iowa.....	1,145	5,280	-	-	18,827	10,178	2,010	140	180
Kansas.....	1,456	4,078	218	652	15,105	14,685	1,489	146	158
Kentucky.....	1,101	3,674	344	4,496	8,793	9,170	1,074	125	122
Louisiana.....	2,335	8,729	354	3,638	15,355	4,840	3,266	300	229
Maine.....	673	1,482	-	-	2,067	-	517	38	50
Maryland.....	4,447	11,825	552	2,187	39,140	5,379	3,226	266	265
Massachusetts.....	4,122	11,551	659	7,209	63,572	7,923	4,810	18	226
Michigan.....	4,359	13,106	490	6,096	136,824	17,905	5,833	413	240
Minnesota.....	3,646	8,378	-	-	24,266	17,077	2,855	206	339
Mississippi.....	2,615	5,236	49	884	2,376	2,219	1,832	265	575
Missouri.....	3,399	18,967	144	1,710	41,077	14,321	2,529	1,409	1,335
Montana.....	668	1,257	-	-	229	2,355	390	16	49
Nebraska.....	556	2,908	-	-	7,373	4,533	863	25	109
Nevada.....	217	922	-	-	4,445	2,447	146	31	16
New Hampshire.....	911	1,376	11	22	5,625	1,105	727	8	42
New Jersey.....	7,634	13,108	365	3,864	41,413	15,495	7,886	372	312
New Mexico.....	812	1,968	48	760	2,910	1,585	690	35	30
New York.....	32,503	39,200	920	6,507	283,891	64,162	17,747	864	783
North Carolina.....	3,980	16,795	190	1,443	33,105	13,528	3,971	695	690
North Dakota.....	585	2,374	-	-	1,064	2,146	867	69	69
Ohio.....	8,125	18,137	427	4,888	84,598	30,680	6,577	268	236
Oklahoma.....	2,085	7,674	59	909	14,956	5,845	1,956	151	156
Oregon.....	1,110	4,650	26	130	21,045	7,447	1,796	113	180
Pennsylvania.....	13,686	7,635	927	10,840	74,354	26,417	9,550	183	590
Rhode Island.....	1,346	4,819	114	1,306	7,909	-	742	29	26
South Carolina.....	3,609	4,992	-	-	5,173	6,642	3,409	214	268
South Dakota.....	645	1,434	-	-	5,264	1,322	759	17	77
Tennessee.....	3,912	8,190	125	2,100	24,282	8,611	2,456	571	607
Texas.....	6,455	25,750	500	5,494	37,538	31,792	12,213	786	983
Utah.....	315	603	-	-	4,214	3,849	832	29	41
Vermont.....	415	647	165	501	3,422	482	434	17	47
Virginia.....	5,996	14,049	789	8,237	22,220	11,286	4,061	390	543
Washington.....	1,225	3,567	73	1,270	29,459	9,212	2,415	127	231
West Virginia.....	2,651	4,009	39	1,211	10,663	4,847	1,033	841	1,480
Wisconsin.....	932	6,577	273	2,042	29,823	16,102	2,233	520	634
Wyoming.....	271	719	-	-	3,998	-	469	14	27

- Represents zero. <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, Bruininks, and Clumpler, *Mentally Retarded People in State-Operated Residential Facilities: Year Ending June 30, 1978*. Data from survey conducted for U.S. Office of Human Development Services. See footnote 1, table 183.

<sup>5</sup> For year ending June 30.

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

No. 185. DAYS OF DISABILITY, BY TYPE, AND BY SEX OF PATIENT: 1965 TO 1977

[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	1974	1975	1976	1977	1965	1970	1974	1975	1976	1977
Restricted-activity days <sup>1</sup>	3,086	2,913	3,566	3,734	3,840	3,773	16.4	14.6	17.2	17.9	18.2	17.8
Male	1,339	1,273	1,564	1,574	1,666	1,618	14.7	13.2	15.6	15.6	16.4	15.8
Female	1,747	1,640	2,001	2,160	2,174	2,155	18.0	15.8	18.7	20.0	19.9	19.6
White	(NA)	2,526	3,042	3,179	3,280	3,230	(NA)	14.4	16.8	17.5	17.9	17.6
Black and other	(NA)	387	523	555	560	543	(NA)	15.6	19.7	20.4	20.2	19.2
Under 65 years old	2,420	2,331	2,778	2,916	2,969	2,961	14.1	12.9	14.9	15.5	15.7	15.6
65 years old and over	666	582	788	818	871	812	38.5	30.7	38.0	38.4	40.0	36.5
Northeast	(NA)	709	741	819	792	839	(NA)	14.5	15.2	16.7	16.3	17.3
North Central	(NA)	691	917	888	962	948	(NA)	12.4	16.2	15.9	17.1	16.8
South	(NA)	996	1,225	1,253	1,204	1,257	(NA)	15.9	18.8	18.7	18.7	18.2
West	(NA)	618	683	774	823	730	(NA)	15.6	18.5	20.8	21.5	19.1
Family income: <sup>2</sup>												
Under \$5,000	(NA)	982	993	1,030	943	871	(NA)	23.3	30.5	32.4	32.5	33.2
\$5,000-\$9,999	(NA)	857	879	914	865	821	(NA)	12.8	18.4	20.2	20.3	21.2
\$10,000-\$14,999	(NA)	539	715	676	700	625	(NA)	11.5	13.9	14.4	15.7	15.3
\$15,000 and over	(NA)	331	751	863	973	1,102	(NA)	10.9	11.9	12.4	12.8	12.7
Bed-disability days <sup>3</sup>	1,160	1,222	1,392	1,371	1,500	1,458	6.2	6.1	6.7	6.6	7.1	6.9
Male	484	503	584	546	619	589	5.3	5.2	5.8	5.4	6.1	5.8
Female	677	720	807	825	882	869	7.0	6.9	7.5	7.6	8.1	7.9
Under 65 years old	914	959	1,095	1,097	1,172	1,134	5.3	5.3	5.9	5.8	6.2	6.0
65 years old and over	246	263	297	274	328	324	14.2	13.8	14.3	12.9	15.1	14.5
Work-loss days <sup>4</sup>	400	417	414	433	465	450	5.7	5.4	4.9	5.2	5.3	5.0
Male	261	243	245	246	269	251	5.7	5.0	4.8	4.9	5.2	4.7
Female	139	175	169	187	196	199	5.6	5.9	5.1	5.7	5.6	5.3
School-loss days <sup>5</sup>	214	222	242	217	219	223	5.2	4.9	5.6	5.1	5.2	5.4
Male	103	108	126	103	105	109	4.9	4.7	5.7	4.8	4.9	5.2
Female	111	114	116	115	114	114	5.4	5.1	5.5	5.5	5.5	5.6

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. 186. 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 AFFECTIO	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
Total	10,659	5,315	5,344	1,483	557	926	468	224	244
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	815	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	148	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 newsprint 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. 187. 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 but excludes sunglasses worn only to filter light, safety glasses for protection, hand magnifiers, and other such devices]

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	58.8
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 (with or without glasses).....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	88.0
Contact lenses (with or without glasses).....	1.3	.7	1.8	3.5	2.1	4.8	.8	7.7	5.8	1.5

### No. 188. PERSONS INJURED, BY SEX, 1970 TO 1977, AND BY CIRCUMSTANCE, 1977

[Data refer to civilian noninstitutional population and comprise incidents leading to restricted activity and/or medical attention. Sum of estimates may be greater than total 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							
1972.....	64.3	37.0	27.3	31.5	37.6	25.8							
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, total.....	73.9	42.3	31.6	34.8	41.3	28.8
							White at work.....	11.4	9.0	2.4	5.4	8.8	2.2
							Home.....	29.6	14.4	15.1	13.9	14.1	13.8
							Motor vehicle.....	5.0	2.9	2.2	2.4	2.8	2.0
							Other.....	31.4	18.9	12.5	14.8	18.5	11.4

Source of tables 187 and 188: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, and unpublished data.

### No. 189. 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	41.6	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	56.4	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	26.0				
<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.....	49,953	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, No. 6 and No. 7 supplements, Sept. and Oct. 1975; and unpublished data.

**NO. 190. 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	Calis-thenics	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. 191. 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>						
<b>HEIGHT (inches)</b>						
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>						
<b>WEIGHT (lb.)</b>						
1960-1962, total.....	158	169	170	170	164	158
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	156	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. 192. ACUTE CONDITIONS, BY TYPE, 1970 TO 1977, AND BY SELECTED CHARACTERISTICS, 1977**

[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 (1,000)					RATE PER 100 POPULATION				
	Infective and parasitic	Respiratory		Digestive system	Injuries	Infective and parasitic	Respiratory		Digestive system	Injuries
		Upper	Other				Upper	Other		
1970, total.....	48,215	127,263	92,501	23,014	59,227	24.1	63.7	46.3	11.5	29.6
1972, total.....	46,665	132,403	114,244	22,965	67,823	22.9	64.9	56.0	11.2	33.2
1973, total.....	40,003	100,578	88,240	17,205	63,233	19.4	48.9	42.9	8.4	30.7
1974, total.....	40,465	94,868	100,874	16,193	63,085	19.5	45.8	48.7	7.8	30.4
1975, total.....	47,608	123,991	108,969	21,618	76,192	22.8	59.3	52.1	10.3	36.4
1976, total.....	52,603	127,656	123,048	21,997	67,714	25.0	60.6	58.4	10.4	32.1
1977, total.....	57,694	134,027	98,792	23,791	77,197	27.2	63.2	46.6	11.2	36.4
Male.....	25,670	61,842	41,874	10,743	43,843	25.0	60.4	40.9	10.5	42.8
Female.....	32,124	72,185	56,918	13,049	33,354	29.3	65.8	51.9	11.9	30.4
Northeast.....	15,048	33,968	16,327	5,564	16,164	31.1	70.1	33.7	11.5	33.4
North Central.....	9,185	33,676	31,742	5,710	21,946	16.2	59.5	56.1	10.1	38.5
South.....	25,441	41,327	24,843	7,878	23,482	36.9	60.0	36.1	11.4	34.1
West.....	8,019	25,056	25,879	4,640	15,605	21.0	65.5	67.7	12.1	40.8
Inside SMSA <sup>1</sup> .....	40,348	96,875	66,208	15,450	55,866	27.8	66.9	45.7	10.7	38.6
Outside SMSA: <sup>1</sup>										
Nonfarm.....	16,140	33,981	30,312	7,793	19,849	26.5	55.8	49.8	12.8	32.6
Farm.....	1,266	3,170	2,271	2,549	1,482	18.9	49.8	35.7	28.6	23.3
Under 6 yr.....	11,391	25,059	12,014	2,896	8,151	61.6	135.6	65.0	15.7	44.1
6-16 yr.....	16,835	37,370	20,037	7,171	18,423	40.6	90.2	58.0	17.3	44.5
17-44 yr.....	20,238	50,511	43,192	8,927	35,643	23.4	58.3	49.9	10.3	41.1
45 yr. and over.....	9,231	21,088	19,549	4,797	14,980	14.1	32.1	29.8	7.3	22.8

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

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

**NO. 193. PERSONS WITH ACTIVITY LIMITATION, BY SELECTED CHRONIC CONDITIONS: 1969-1970 AND 1977**

[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	8.5	3.5	17.3	41.7	8.6	3.1	14.2	33.5
<b>1977</b>										
Persons with limitation.....mil..	23.6	9.6	14.3	4.8	5.1	4.4	14.3	4.2	4.9	5.2
Percent limited by—										
Heart conditions.....	16.6	24.5	18.4	4.7	23.3	27.5	14.8	5.0	15.6	22.0
Arthritis and rheumatism.....	16.5	24.3	11.2	3.0	14.7	16.1	21.7	6.0	25.3	31.2
Hypertension without heart involvement.....	6.4	7.9	4.7	2.0	6.3	5.6	8.1	3.5	10.2	9.8
Impairment of back/spine.....	8.4	3.9	7.8	11.4	8.5	3.2	8.9	14.0	9.2	4.4
Lower extremities and hips.....	6.6	6.1	7.3	9.9	6.3	5.5	6.0	6.3	5.3	6.5
Percent of all persons with—										
No activity limitation.....	86.5	57.0	86.1	93.4	75.3	52.3	86.9	94.3	78.4	60.3
Activity limitation.....	13.5	43.0	13.9	6.6	24.7	47.7	13.1	5.7	21.6	39.7
In major activity.....	10.4	37.3	10.9	4.1	20.1	43.8	9.9	3.6	17.1	32.8

Source of tables 192 and 193: U.S. National Center for Health Statistics, *Vital and Health Statistics*, series 10, and unpublished data.

**NO. 194. PERCENT OF CHILDREN 1 TO 4 YEARS OLD IMMUNIZED AGAINST SPECIFIED DISEASES: 1965 TO 1978**

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

ITEM	1965	1968	1970	1971	1972	1973	1974	1975	1976	1977	1978, prel.
Children, 1-4 yr..... mil.	16.5	15.0	14.1	14.1	13.9	13.9	13.2	12.7	12.3	12.1	12.2
Percent immunized against—											
Diphtheria-tetanus-pertussis (3 or more doses).....	73.9	76.5	76.1	78.7	75.6	72.6	73.9	75.2	71.4	69.5	68.0
Polio (3 or more oral doses).....	<sup>1</sup> 73.9	68.3	65.9	67.3	62.9	60.4	63.1	64.8	61.6	60.1	61.4
Measles.....	33.2	58.8	57.2	61.0	62.2	61.2	64.5	65.5	65.9	63.1	62.8
Rubella.....	(NA)	(NA)	37.2	51.2	56.9	55.6	59.8	61.9	61.7	59.4	61.7
Mumps.....	(NA)	(NA)	(NA)	(NA)	(NA)	34.7	39.4	44.4	48.3	48.1	51.1

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. 195. SPECIFIED REPORTABLE DISEASES—CASES REPORTED: 1950 TO 1977**

[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	1973	1974	1975	1976	1977
Amebiasis.....	4,568	3,948	3,424	2,768	2,888	2,235	2,743	2,775	2,906	3,044
Aseptic meningitis.....	(NA)	(NA)	1,593	2,329	6,480	4,846	3,197	4,475	3,510	4,789
Botulism.....	20	16	12	19	12	34	28	17	37	114
Brucellosis (undulant fever).....	3,510	1,444	751	262	213	202	240	310	296	232
Chickenpox.....1,000.....	(NA)	(NA)	(NA)	(NA)	(NA)	182.9	141.5	154.2	184.0	188.4
Diphtheria.....	5,796	1,984	918	164	435	228	272	307	128	84
Ecephalitis: Primary infectious.....	1,135	2,166	2,341	(1,722	1,580	1,618	1,066	3,815	1,548	784
Post infectious.....				951	370	349	316	486	278	154
Hepatitis: Serum.....1,000.....	2.8	32.0	41.7	33.9	8.3	8.5	10.6	13.1	15.0	16.8
Infectious.....1,000.....					66.8	50.7	40.4	35.9	33.3	31.2
Unspecified.....1,000.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	8.4	7.2	7.5	8.6
Leprosy.....	44	75	54	96	129	146	118	162	145	151
Leptospirosis.....	30	24	53	84	47	57	68	93	73	71
Malaria.....	2,184	522	72	147	3,051	237	293	373	471	547
Measles.....1,000.....	319.1	555.2	441.7	261.9	47.4	26.7	22.1	24.4	41.1	57.3
Meningococcal infections.....	3,788	3,455	2,259	3,040	2,505	1,378	1,946	1,478	1,605	1,828
Mumps.....1,000.....	(NA)	(NA)	(NA)	(NA)	105.0	69.6	59.1	59.6	38.5	21.4
Pertussis (whooping cough).....1,000.....	120.7	62.8	14.8	6.8	4.2	1.8	2.4	1.7	1.0	2.2
Poliomylitis, acute.....	33,300	28,985	3,190	72	33	8	7	8	14	18
Psittacosis.....	26	334	113	60	35	33	164	49	78	94
Rabies in animals.....	7,901	5,799	3,597	4,574	3,224	3,040	3,151	2,627	3,073	3,130
Rheumatic fever, acute <sup>1</sup> .....	(NA)	(NA)	9,022	4,998	3,227	2,500	2,431	2,854	1,865	1,738
Rubella (German measles).....1,000.....	(NA)	(NA)	(NA)	(NA)	56.6	27.8	11.9	16.7	12.5	20.4
Salmonellosis <sup>2</sup> .....1,000.....	1.2	5.4	6.9	17.2	22.1	23.8	22.0	22.6	22.9	27.8
Shigellosis <sup>3</sup> .....1,000.....	23.4	13.9	12.5	11.0	13.8	22.6	22.6	16.6	13.1	16.1
Streptococcal sore throat and scarlet fever.....1,000.....	64.5	147.5	315.2	395.2	433.4	474.2	407.0	430.8	430.5	423.1
Tetanus.....	486	462	368	300	148	101	101	102	75	87
Trichinosis.....	327	264	160	199	109	102	120	252	115	143
Tuberculosis <sup>4</sup> .....1,000.....	(NA)	76.2	55.5	49.0	37.1	31.0	30.1	34.0	32.1	30.1
Tularemia.....	927	584	390	264	172	171	144	129	157	165
Typhoid fever.....	2,484	1,704	816	454	346	680	437	375	419	398
Typhus fever:										
Flea-borne (endemic-murine).....	685	135	68	28	27	32	26	44	69	75
Tick-borne (Rocky Mountain spotted fever).....	464	295	204	281	380	668	754	844	937	1,153
Veneral diseases (civilian cases):										
Gonorrhoea.....1,000.....	287	236	259	325	600	843	899	1,000	1,002	1,000
Syphilis.....1,000.....	218	122	122	113	91	88	84	80	72	65
Other.....1,000.....	8.2	3.9	2.8	2.0	2.2	1.6	1.4	1.1	1.1	.9

NA Not available. <sup>1</sup> Based on reports from States: 37 in 1960, 36 in 1965 and 1973-1975, 38 in 1970, 40 in 1976, and 39 in 1977. <sup>2</sup> Excludes typhoid fever. <sup>3</sup> Bacillary dysentery.

<sup>4</sup> Based on reports from States: 46 in 1973, 42 in 1974, 1976, and 1977, and 41 in 1975.

<sup>5</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. 196. DRUGS AND TOILETRIES—RETAIL SALES: 1975 TO 1978

[In millions of dollars. Excludes government and hospital use, except as noted]

PRODUCT	1975	1977	1978	PRODUCT	1975	1977	1978
Total sales.....	21,625	26,265	29,010	Toiletries.....	7,963	9,396	10,566
Drugs and other health aids <sup>2</sup> .....	13,662	16,869	18,444	Hair products.....	2,172	2,414	2,919
Prescriptions.....	8,146	9,618	10,435	Shampoos.....	632	732	907
Packaged medications <sup>3</sup> .....	4,311	4,359	4,896	Shaving products.....	1,223	1,379	1,509
Vitamin concentrates <sup>4</sup> .....	452	520	559	Oral hygiene.....	1,057	1,301	1,353
Cough and cold remedies.....	735	844	946	Dentifrices.....	494	575	608
Internal analgesics <sup>5</sup> .....	719	832	1,015	Hand products.....	329	447	555
Other <sup>6</sup> .....	1,605	2,163	2,375	Cosmetics.....	1,409	1,906	2,126
Sickroom and convalescent aids.....	371	400	451	Lipsticks.....	389	552	682
First aid products.....	336	386	408	Fragrances.....	608	621	615
Baby needs.....	1,074	1,245	1,396	Toilet water, cologne.....	429	427	431
Disposable diapers, liners.....	577	642	766	Personal hygiene.....	1,165	1,329	1,489
Feminine needs <sup>7</sup> .....	552	595	551	Bath soaps <sup>8</sup> .....	558	722	928
Veterinary.....	413	(NA)	(NA)	Deodorants <sup>9</sup> .....	607	606	562

NA Not available. <sup>1</sup> Adjusted for duplication. <sup>2</sup> Includes items not shown separately. <sup>3</sup> For 1975, effervescent compounds reported under internal analgesics and contraceptives reported under feminine needs; beginning 1977, included in other packaged medications. <sup>4</sup> Includes prescription as well as proprietary items. <sup>5</sup> Includes sales to hospitals. <sup>6</sup> Medicated soaps included in packaged medications. <sup>7</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. 197. ESTIMATED ALCOHOLISM, BY SEX—TOTAL, 1970 AND 1975, AND BY STATES, 1970

[Population, 20 years old and over. An "alcoholic" is defined as one who is unable consistently to choose whether he shall drink or not, and who, if he drinks, is unable consistently to choose whether he shall stop or not. "Alcoholics with complications" are those who have developed bodily or mental disorders through prolonged excessive drinking. Data are rough approximations derived by the original Jellinek formula. In the early 1940's, E. M. Jellinek proposed a formula for estimating the number of "alcoholics-with-complications" from statistics on liver cirrhosis deaths. To arrive at the total number of alcoholics (those with and without complications) the results of the formula were multiplied by a factor, R, the value of which was thought to be 4. Subsequently it appeared that the value of R should have been 5. The formula was applicable to the years 1940-1945 but is thought not to have worked reliably after 1945. However, if the rate of the 1940-1945 period has remained substantially the same, then, with a further necessary correction of R to 5.3, applying the 1945 rates of alcoholism to the 1970 and 1975 population yields the number of alcoholics. The formula may be less reliable with smaller populations. For Alaska and Hawaii, incomplete base data add uncertainty to the estimates]

STATE	ALCOHOLICS (1,000)			RATE PER 100,000 POPULATION			STATE	ALCOHOLICS (1,000)			RATE PER 100,000 POPULATION		
	Total	Male	Female	Total and rank	Male	Female		Total	Male	Female	Total and rank	Male	Female
1975.....	5,760	4,800	950	4,200 (x)	7,300	1,300	Miss.....	29.8	23.7	6.1	2,320...43	3,950	900
1970, U.S. <sup>1</sup>	5,400	4,500	900	4,200 (x)	7,300	1,300	Mo.....	150.6	125.8	24.8	5,090...8	9,110	1,570
Ala.....	38.0	30.5	7.5	1,830...49	3,150	670	Mont.....	15.5	13.5	2.0	3,730...21	6,550	950
Alaska.....	5.3	4.5	.8	3,110...29	4,690	1,130	Nebr.....	28.4	21.8	6.6	3,087...31	4,970	1,370
Ariz.....	33.0	26.5	6.5	3,110...30	5,180	1,190	Nev.....	20.6	18.0	2.6	6,770...1	11,650	1,730
Ark.....	34.7	29.8	4.9	2,890...34	5,280	780	N.H.....	16.7	12.9	3.8	3,660...22	5,950	1,000
Calif.....	833.4	689.5	143.9	6,610...2	11,350	2,200	N.J.....	224.8	181.1	43.7	4,930...10	8,460	1,800
Colo.....	57.1	46.3	10.8	4,240...15	7,110	1,550	N.Mex.....	18.1	14.2	3.9	3,160...27	5,140	1,320
Conn.....	94.5	77.2	17.3	4,940...9	8,554	1,710	N.Y.....	647.3	516.2	131.1	5,500...5	9,500	2,070
Del.....	13.4	11.5	1.9	4,940...18	7,290	1,110	N.C.....	63.7	55.8	7.9	2,050...47	3,770	490
D.C.....	27.3	23.3	4.0	5,430 (x)	10,290	1,440	N.Dak.....	13.1	11.0	2.1	3,570...24	6,010	1,130
Fla.....	160.1	132.5	27.6	3,590...23	6,340	1,160	Ohio.....	283.6	231.7	51.9	4,340...13	7,540	1,500
Ga.....	70.8	61.4	9.4	2,550...40	4,690	640	Okl.....	34.8	27.9	6.9	2,140...45	3,620	810
Hawaii.....	8.3	7.2	1.1	1,780...50	2,930	500	Oreg.....	34.4	28.6	5.8	2,610...39	4,530	840
Idaho.....	8.4	7.5	.9	1,990...48	3,600	410	Pa.....	329.1	274.0	55.1	4,360...12	7,810	1,370
Ill.....	355.1	300.8	55.3	5,140...6	9,210	1,510	R.I.....	37.1	32.2	4.9	6,070...3	11,020	1,520
Ind.....	124.5	102.8	21.7	3,940...20	6,870	1,300	S.C.....	42.0	35.2	6.8	2,760...37	4,850	860
Iowa.....	48.9	41.4	7.5	2,800...36	5,030	810	S.Dak.....	10.5	8.4	2.1	2,640...38	4,320	1,100
Kans.....	35.2	29.1	6.1	2,490...41	4,290	820	Tenn.....	71.5	63.4	8.1	2,920...32	5,540	620
Ky.....	65.1	58.1	7.0	3,290...26	6,180	670	Tex.....	191.9	158.1	33.8	2,830...35	4,890	950
La.....	83.9	71.3	12.6	3,980...19	7,200	1,180	Utah.....	12.2	8.9	3.3	2,070...46	3,130	1,070
Maine.....	25.3	21.0	5.3	4,290...14	7,220	1,640	Vt.....	11.2	10.1	1.1	4,170...16	7,940	780
Md.....	98.6	85.7	12.9	4,100...17	7,460	1,020	Va.....	68.2	57.0	11.2	2,370...42	4,089	760
Mass.....	211.0	179.3	31.7	5,850...4	10,770	1,630	Wash.....	61.8	51.9	9.9	2,910...33	5,010	910
Mich.....	236.2	201.1	35.1	4,460...11	7,940	1,270	W.Va.....	34.3	29.6	4.7	3,130...28	5,740	810
Minn.....	77.6	64.2	13.4	3,400...25	5,880	1,130	Wis.....	136.3	118.5	17.8	5,110...7	9,287	1,277
							Wyo.....	4.6	3.3	1.3	2,300...44	3,360	1,310

X Not applicable. <sup>1</sup> Jellinek formula applied to State and U.S. populations separately.

Source: Rutgers Center of Alcohol Studies, *Statistics on Consumption of Alcohol and on Alcoholism*, by Keller, M., and C. Gurioli, 1976. (Copyright by Journal of Studies on Alcohol, Inc., New Brunswick, N.J.)

**No. 198. DRUG USE, BY TYPE OF DRUG AND BY AGE GROUP: 1977**

[Current users are those who used drugs at least once within month prior to this study. Based on national samples of 1,272 youths, 1,500 young adults, and 1,822 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 and/or hashish.....	28.2	16.1	60.1	27.7	15.4	3.2
Inhalants.....	9.0	.7	11.2	(Z)	1.8	(Z)
Hallucinogens.....	4.6	1.6	19.8	2.0	2.6	(Z)
Cocaine.....	4.0	1.0	19.1	3.7	2.6	(Z)
Heroin.....	1.1	(Z)	3.6	(Z)	.8	(Z)
Other opiates.....	6.1	.6	13.5	1.0	2.8	(Z)
Stimulants <sup>1</sup> .....	5.2	1.3	21.2	2.5	4.7	.6
Sedatives.....	3.1	.8	18.4	2.8	2.8	(Z)
Tranquilizers <sup>1</sup> .....	3.8	.7	13.4	2.4	2.6	(Z)
Alcohol.....	52.6	31.2	84.2	70.0	77.9	54.9
Cigarettes.....	47.3	22.3	67.6	47.3	67.0	38.7

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

**No. 199. MARIHUANA USE, BY CHARACTERISTICS AND RESIDENCE OF USER: 1971 TO 1977**

[See headnote, table 198. For composition of regions, see fig. I, inside front cover]

CHARACTERISTIC	PERCENT EVER USED		PERCENT CURRENT USER			CHARACTERISTIC	PERCENT EVER USED		PERCENT CURRENT USER		
	1974	1977	1971 <sup>1</sup>	1974	1977		1974	1977	1971 <sup>1</sup>	1974	1977
Youths, 12-17 yr.....	23	28	6	12	16	Adults, 18 yr. and over.....	19	25	5	7	8
Male.....	24	33	7	12	19	Male.....	24	30	7	9	11
Female.....	21	23	5	11	13	Female.....	14	19	3	5	6
White.....	24	29	(NA)	12	17	White.....	18	24	5	7	8
Black and other.....	17	26	(NA)	9	12	Black and other.....	27	27	4	8	8
12-13 years.....	6	8	2	2	4	18-25 years.....	53	60	17	26	28
14-15 years.....	22	29	7	12	15	26-34 years.....	30	44	5	8	12
16-17 years.....	39	47	10	20	29	35 years and over.....	4	7	(Z)	(Z)	1
Northeast.....	26	35	9	14	21	Northeast.....	22	29	7	7	11
North Central.....	21	29	5	11	19	North Central.....	17	24	3	7	8
South.....	17	19	2	6	7	South.....	13	17	1	5	4
West.....	30	36	11	19	22	West.....	29	32	10	11	11
Large metro. areas <sup>2</sup> .....	27	37	9	14	22	Large metro. areas <sup>2</sup> .....	24	30	7	9	11
Other SMSA's.....	22	28	7	11	16	Other SMSA's.....	20	26	5	8	9
Nonmetro. areas.....	18	18	3	10	10	Nonmetro. areas.....	12	16	1	4	4

NA Not available. Z Less than .5 percent. <sup>1</sup> Person designated self as current user. <sup>2</sup> Comprises 25 largest standard metropolitan statistical areas (SMSA) as of 1970. For definition of SMSA, see Appendix II.

Source of tables 198 and 199: Abelson, Fishburne, and Cisin, *The National Survey on Drug Abuse: 1977*, vol. 1, *Main Findings*. Data from survey conducted for U.S. National Institute on Drug Abuse, 1977.

**No. 200. DRUG ABUSE TREATMENT UNITS: 1977 AND 1978**

[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 1978, the response rate was 97 percent]

ITEM	1977	1978	ITEM	1977	1978
Treatment units.....	3,147	3,248	Clients—Con.		
Outpatient and day care.....	1,000	1,000	Residential.....	203.3	185.6
Hospital inpatient.....	1,000	1,000	Prison.....	18.5	17.7
Drug free <sup>2</sup> .....	147.2	132.3	Total funding.....	3.7	2.2
Detoxification <sup>3</sup> .....	5.8	4.6	Total funding.....	9.1	7.9
Methadone maintenance <sup>4</sup> .....	80.0	75.2	Total funding.....	510.7	518.2
Other maintenance.....	1,000	1.4	Total funding.....	40.5	42.9

<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.

Source: U.S. National Institute on Drug Abuse, *NIDA Statistical Series*, Series F, No. 5, *Executive Report*, April 1978.

### No. 201. CIGARETTE SMOKING AND HEALTH CHARACTERISTICS: 1970 AND 1976

[For 1970, 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	Former smokers	PRESENT SMOKERS				
					Total <sup>2</sup>	Cigarettes smoked per day (heaviest amount)			
						Under 15	15-24	25-34	35 or more
<b>1970:</b>									
Both sexes.....1,000.....	133,132	59,675	72,678	23,859	48,819	15,517	20,628	5,256	5,707
Percent of total.....	100.0	44.8	54.6	17.9	36.7	11.7	15.5	3.9	4.3
Male.....1,000.....	62,310	19,144	42,773	15,861	26,912	7,163	11,458	3,160	3,959
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	1,131	4,885	1,822	2,053	442	277
25-44 years.....1,000.....	22,542	5,779	16,641	5,235	11,406	2,516	5,124	1,605	1,895
45-64 years.....1,000.....	19,644	4,513	15,065	6,302	8,763	2,047	3,603	1,081	1,625
65 years and over.....1,000.....	8,090	3,007	5,051	3,193	1,858	778	678	131	162
Female.....1,000.....	70,822	40,531	29,905	7,998	21,907	8,354	9,170	2,096	1,748
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.....	24,849	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	2,675	3,056	648	583
65 years and over.....1,000.....	10,907	8,835	2,015	825	1,190	541	475	86	74
<b>1976:</b>									
Both sexes.....1,000.....	137,478	54,396	72,004	25,967	46,035	13,705	20,149	5,755	5,849
Percent of total.....	100.0	39.6	52.4	18.9	33.5	10.0	14.7	4.2	4.3
Male.....1,000.....	64,556	16,563	40,121	16,379	23,741	5,685	10,517	3,467	3,821
Percent of total.....	100.0	25.7	62.1	25.4	36.8	8.8	16.3	5.4	5.9
20-24 years.....1,000.....	8,997	3,200	4,443	935	3,608	1,095	1,732	384	259
25-44 years.....1,000.....	25,968	6,657	15,652	4,909	10,743	2,447	4,656	1,705	1,701
45-64 years.....1,000.....	20,632	3,946	14,337	6,785	7,551	1,388	3,305	1,130	1,668
65 years and over.....1,000.....	8,961	2,761	5,689	3,750	1,939	754	823	168	193
Female.....1,000.....	72,922	37,833	31,883	9,588	22,294	8,020	9,632	2,288	2,028
Percent of total.....	100.0	51.9	43.7	13.1	30.6	11.0	13.2	3.1	2.8
20-24 years.....1,000.....	9,866	4,999	4,028	940	3,089	1,311	1,288	231	211
25-44 years.....1,000.....	27,802	12,878	13,914	3,790	10,124	3,391	4,459	1,155	940
45-64 years.....1,000.....	22,618	10,637	10,923	3,418	7,505	2,549	3,277	818	777
65 years and over.....1,000.....	12,836	9,319	3,018	1,441	1,577	769	608	85	100
<b>Restricted-activity days per person:<sup>3</sup></b>									
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	
<b>Bed-days per person:<sup>3</sup></b>									
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	
<b>Work-loss days per person:<sup>3</sup></b>									
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	

<sup>1</sup> Includes persons for whom smoking status is unknown. <sup>2</sup> Includes smokers for whom the number of cigarettes smoked per day is unknown. <sup>3</sup> For definition of terms, see footnotes 1, 3, and 4 of table 185.

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

### No. 202. 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>	64.6	72.9	<b>Total persons<sup>1</sup>..mil.</b>	64.6	72.9	<b>Total persons<sup>1</sup>..mil.</b>	64.6	72.9
Nondrinkers.....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. 203. CIVILIAN PER CAPITA CONSUMPTION OF MAJOR FOOD COMMODITIES:  
1960 TO 1978

[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	1973	1974	1975	1976	1977	1978, prel.
Meats (carcass weight)-----	173.6	175.6	192.6	178.0	190.5	182.4	194.8	193.0	186.7
Beef-----	85.1	99.5	113.7	109.6	116.8	120.1	129.3	125.9	120.1
Veal-----	6.1	5.2	2.9	1.8	2.3	4.2	4.0	3.9	3.0
Lamb and mutton-----	4.8	3.7	3.3	2.7	2.3	2.0	1.9	1.7	1.6
Pork (including lard)-----	77.6	67.2	72.7	63.9	69.1	56.1	59.6	61.5	62.0
Fish (edible weight)-----	10.3	10.8	11.8	12.9	12.2	12.1	13.0	12.8	12.9
Fresh and frozen-----	5.7	6.0	6.9	7.5	7.0	7.4	8.2	7.8	7.9
Canned-----	4.0	4.3	4.5	5.0	4.8	4.3	4.3	4.6	4.6
Cured-----	.6	.5	.4	.4	.4	.4	.5	.4	.4
Poultry products:									
Eggs, farm basis-----number--	335	314	311	294	288	279	274	272	273
Chicken (ready-to-cook)-----	27.8	33.4	40.5	40.7	41.1	40.6	43.3	44.9	48.3
Turkey (ready-to-cook)-----	6.2	7.5	8.0	8.5	8.9	8.6	9.2	9.2	9.6
Dairy products:									
Total milk fat solids-----	24.5	22.9	20.6	20.3	20.0	20.1	20.1	20.2	20.2
Total nonfat milk solids-----	43.4	40.6	39.8	39.8	38.2	38.1	39.0	38.7	39.1
Cheese-----	8.3	9.5	11.5	13.7	14.6	14.5	15.9	16.3	17.0
Condensed and evaporated whole milk-----	13.7	10.6	7.1	6.0	5.3	5.3	4.9	4.4	4.0
Fluid milk and cream-----	322	302	264	257	246	245	245	243	234
Ice cream (product weight)-----	18.3	18.5	17.7	17.5	17.5	18.7	18.1	17.7	17.7
Fats and oils, total (fat content)-----	45.3	47.8	53.0	54.3	53.2	53.4	50.1	54.4	50.0
Butter (actual weight)-----	7.5	6.4	5.3	4.8	4.6	4.8	4.4	4.4	4.6
Margarine (actual weight)-----	9.4	9.9	11.0	11.3	11.3	11.2	12.2	11.6	12.0
Lard-----	7.6	6.4	4.7	3.4	3.2	3.0	2.7	2.3	2.2
Shortening-----	12.6	14.1	17.3	17.3	17.0	17.3	18.1	17.6	18.5
Other edible fats and oils-----	11.5	14.1	17.8	20.8	20.3	20.3	22.0	21.6	22.1
Fruits:									
Fresh, total (farm weight)-----	93.9	81.4	81.8	76.6	79.3	84.1	86.5	82.3	84.3
Citrus <sup>1</sup> -----	33.7	29.2	28.8	27.6	27.7	29.7	29.4	26.0	27.8
Apples (commercial)-----	18.3	16.3	18.3	14.7	16.1	17.9	19.0	17.0	17.8
Other (excluding melons)-----	41.9	35.9	34.7	34.3	35.5	36.5	38.1	39.3	38.7
Processed:									
Canned fruit-----	22.6	23.5	23.3	21.3	19.6	19.3	19.2	20.0	17.4
Canned juices (excl. frozen)-----	13.0	10.9	14.6	15.9	14.6	16.2	16.2	15.6	18.3
Frozen (including juices)-----	9.1	8.5	9.8	11.2	11.3	12.6	12.2	11.8	11.9
Dried <sup>2</sup> -----	3.1	3.0	2.7	2.6	2.4	3.0	2.6	2.6	2.4
Vegetables:									
Fresh <sup>3</sup> (farm weight)-----	105.7	98.3	98.8	98.2	100.0	99.0	99.9	98.5	101.9
Canned (excluding potatoes and sweet potatoes)-----	43.4	46.9	51.2	54.3	53.3	52.5	53.5	53.9	53.8
Frozen (excluding potatoes)-----	7.0	8.1	9.6	10.7	10.2	9.7	10.2	10.3	10.9
Potatoes and sweet potatoes:									
Potatoes (fresh equivalent) <sup>4</sup> -----	108	107	118	117	114	122	116	122	122
Frozen potatoes (product)-----	2.7	5.7	11.1	13.3	13.2	13.9	14.8	16.0	16.7
Sweet potatoes (fresh equiv.) <sup>4</sup> -----	7.1	6.2	5.6	4.9	5.3	5.4	5.3	4.9	5.1
Dry edible beans-----	7.3	6.6	5.9	6.4	6.7	6.5	6.3	6.0	6.0
Melons (farm weight)-----	25.8	23.6	23.3	21.8	18.9	19.1	20.5	21.2	21.1
Sugar (refined)-----	97.4	97.0	101.8	101.5	96.6	90.2	94.7	95.7	94.1
Grains:									
Cornmeal and other <sup>5</sup> -----	14.3	15.1	15.8	15.9	16.0	16.1	16.1	16.1	16.1
Corn sirup and sugar-----	13.8	18.2	20.8	26.9	30.3	34.0	37.5	40.2	43.0
Oat food products-----	3.6	3.4	3.2	3.2	3.2	3.2	3.2	3.2	3.2
Barley food products <sup>6</sup> -----	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
Wheat flour <sup>7</sup> -----	118	113	110	109	106	107	111	108	108
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	1.3	1.0	.9	.8	.8
Rice, milled <sup>1</sup> -----	6.1	7.6	6.7	7.0	7.6	7.7	7.6	8.0	8.1
Other:									
Coffee (green beans)-----	15.8	14.8	13.7	13.7	13.0	12.4	12.8	9.4	9.7
Tea-----	.6	.7	.7	.8	.8	.8	.8	.9	.9
Cocoa beans-----	3.6	4.0	3.9	4.2	3.7	3.3	3.8	3.4	3.3
Peanuts (shelled) <sup>8</sup> -----	4.9	5.6	5.9	6.6	6.4	6.5	6.3	6.4	6.4

<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> In terms of malt equivalent.

<sup>7</sup> Comprises white, whole wheat, and semolina flour.   <sup>8</sup> For crop year beginning September of year shown.

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

### No. 204. NUTRITION—NUTRIENTS AVAILABLE DAILY AND INDEXES OF CIVILIAN PER CAPITA FOOD CONSUMPTION: 1950 TO 1978

[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 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<sub>1</sub> to cereals, meal replacements, infant formulas; vitamin B<sub>12</sub> 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 861-866, for related data.]

NUTRIENT AND UNIT	1950	1960	1965	1970	1975	1976	1977	1978, prel.	PERCENT CHANGE		
									1950-1960	1960-1970	1970-1978
Food energy.....calories.....	3,260	3,140	3,150	3,300	3,250	3,300	3,370	3,380	-3.7	5.1	2.4
Protein.....grams.....	95	95	96	100	99	104	103	103	-	5.3	3.0
Fat.....grams.....	145	143	144	155	152	160	158	159	-1.4	9.1	1.9
Carbohydrate.....grams.....	402	375	372	380	377	391	391	392	-6.7	1.3	3.2
Calcium.....grams.....	.99	.97	.96	.94	.92	.95	.94	.95	-2.0	-3.1	1.1
Phosphorus.....grams.....	1.55	1.53	1.52	1.55	1.53	1.59	1.58	1.58	-1.3	1.3	1.9
Iron.....milligrams.....	16.6	16.4	16.7	18.0	18.2	18.8	18.6	18.6	-1.2	9.8	3.3
Magnesium.....milligrams.....	364	346	339	342	341	355	348	351	-4.9	-1.2	2.6
Vitamin A.....int'l units.....	8,500	8,000	7,700	8,200	8,100	8,100	7,900	8,000	-5.9	2.5	-2.4
Thiamin.....milligrams.....	1.90	1.85	1.81	1.92	2.03	2.09	2.08	2.09	-2.6	3.8	8.9
Riboflavin.....milligrams.....	2.31	2.30	2.30	2.37	2.44	2.52	2.49	2.50	-4	3.0	5.5
Niacin.....milligrams.....	20.5	21.2	21.9	23.6	24.8	26.2	25.9	25.8	3.4	11.3	9.3
Vitamin B <sub>6</sub> .....milligrams.....	1.97	2.00	2.02	2.22	2.21	2.29	2.31	2.34	1.5	11.0	5.4
Vitamin B <sub>12</sub> .....micrograms.....	8.8	8.9	9.1	9.9	9.6	9.8	9.9	9.8	1.1	11.2	-1.0
Ascorbic acid.....milligrams.....	106	106	97	110	118	116	116	119	-	3.8	8.2
INDEXES (1967=100)											
Protein.....	96	96	97	101	100	105	104	104	-	5.2	3.0
Fat.....	97	95	96	104	101	107	105	106	-2.1	9.5	1.9
Carbohydrate.....	107	100	99	102	101	105	105	105	-6.5	2.0	2.9
Calories per capita <sup>1</sup> .....	102	98	98	103	101	106	105	105	3.9	5.1	1.9
Food consumption <sup>2</sup> .....	96	97	98	102	102	105	104	104	1.0	5.2	2.0
Food consumed, pounds <sup>3</sup> .....	106	102	99	101	100	102	102	102	-3.8	-1.0	1.0

- Represents zero. <sup>1</sup> Available for consumption at retail level.

<sup>2</sup> Retail weight equivalent, weighted by constant retail prices.

<sup>3</sup> Retail weight equivalent.

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

### No. 205. 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. 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	1,645	1,675	1,533	1,845	1,858	1,725
Protein (g), mean.....	77.53	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.....	887	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	663	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	88	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	2,569	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. 434, and tables 756 and 758.

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

**NO. 206. FEDERAL FOOD PROGRAMS: 1950 TO 1978**

[For years ending June 30 except, beginning 1977, ending Sept. 30. Includes institutions. Includes Puerto Rico, Guam, Trust Territory of the Pacific Islands, Virgin Islands, and, beginning 1965, American Samoa]

PROGRAM	1950	1955	1960	1965	1970	1974	1975	1976	1977, prel.	1978, prel.
<b>Food distribution:</b>										
Needy families and institutions: <sup>1</sup>										
Persons participating <sup>2</sup> .....mil.	1.1	4.6	5.8	7.1	6.9	5.4	3.7	2.3	2.2	1.7
Quantity.....mil. lb.	255	297	654	1,313	1,320	708	201	131	153	175
Federal cost <sup>3</sup> .....mil. dol.	24	97	75	257	312	229	76	53	4 62	4 93
Child feeding programs:										
Children participating <sup>2</sup> .....mil.	10.1	10.2	15.6	20.4	24.2	28.5	29.7	31.2	32.6	33.2
Quantity.....mil. lb.	467	298	523	973	1,073	961	764	824	1,101	1,222
Federal cost <sup>3</sup> .....mil. dol.	55	83	132	272	266	319	418	424	502	521
<b>National school lunch program:<sup>5</sup></b>										
Children participating <sup>2</sup> .....mil.	8.6	12.0	14.1	18.7	23.1	25.0	25.3	25.8	26.7	27.0
Percent of total enrolled.....	34.1	35.7	35.0	39.2	44.4	56.4	56.6	57.4	59.3	60.0
Schools participating.....1,000	55	58	62	70	76	88	89	89	92	93
Federal cost <sup>6</sup> .....mil. dol.	64	69	94	130	300	1,085	1,289	1,489	1,674	1,838
<b>National school breakfast prog:<sup>7</sup></b>										
Federal cost <sup>6</sup> .....mil. dol.	(X)	(X)	(X)	8 1	11	59	86	113	146	176
<b>Special school milk program:<sup>9</sup></b>										
Quantity reimbursed.....mil. ½ pt.	(X)	450	2,385	2,967	2,902	1,426	2,139	2,305	2,247	2,009
Federal cost.....mil. dol.	(X)	17	80	97	101	49	123	144	153	140
<b>Food stamp program:</b>										
Participants, mo. avg.....mil.	(X)	(X)	(X)	4	4.3	12.9	17.1	18.5	17.1	16.0
Federal cost.....mil. dol.	(X)	(X)	(X)	33	560	2,718	4,386	5,327	5,058	5,165

X Not applicable. <sup>1</sup> Institutions include but not limited to: Homes for aged, orphanages, child-care centers.

<sup>2</sup> Peak month for each year. <sup>3</sup> Cost to Fed. Govt. of commodity as delivered to State distributing agency.

<sup>4</sup> Includes cash in lieu of commodities. <sup>5</sup> See headnote, table 207. <sup>6</sup> Refers to subsidy payments by the Fed. Govt.; excludes administrative costs. <sup>7</sup> Program initiated Jan. 1967. <sup>8</sup> 1967 data.

<sup>9</sup> Initiated in Sept. 1954; includes child-care institutions.

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

**NO. 207. SCHOOL LUNCH PROGRAM—STATES AND OTHER AREAS: 1970 AND 1978**

[1970, for year ending June 30; 1978, 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.)		STATE OR OTHER AREA	PUPILS PARTICIPATING			FEDERAL COST (mil. dol.)	
	Number, 1970 (1,000)	Number, 1978, prel. (1,000)	Percent of enrolled, 1978 <sup>1</sup>	1970	1978, prel.		Number, 1970 (1,000)	Number, 1978, prel. (1,000)	Percent of enrolled, 1978 <sup>1</sup>	1970	1978, prel.
<b>Total</b> .....	23,127	27,048	60.0	300.2	1,838.1	Mont.	69	93	57.3	.8	5.8
<b>U.S.</b> .....	22,720	26,430	59.7	292.5	1,774.1	Neb.	211	203	65.8	2.2	9.6
Ala.....	506	638	83.0	12.6	49.5	Nev.	25	63	45.8	.2	3.6
Alaska.....	32	35	51.0	.3	1.6	N.H.	81	95	58.2	.7	5.6
Ariz.....	219	269	66.1	2.6	18.6	N.J.	380	659	42.4	3.8	46.8
Ark.....	343	349	74.8	5.7	24.1	N.Mex.	161	130	82.4	2.4	15.2
Calif.....	968	1,850	44.7	11.1	161.7	N.Y.	1,603	1,760	51.4	28.5	143.1
Colo.....	261	295	57.0	2.9	16.4	N.C.	888	965	75.6	15.2	74.2
Conn.....	221	285	49.6	2.0	19.6	N.Dak.	101	93	68.4	1.2	4.5
Del.....	71	74	60.1	.6	4.3	Ohio	987	1,130	51.2	10.1	66.7
D.C.....	54	71	57.7	1.4	7.4	Okla.	302	402	63.1	4.9	23.4
Fla.....	953	1,039	66.6	15.0	79.7	Oreg.	240	262	59.5	2.1	13.9
Ga.....	916	912	84.5	14.2	65.4	Pa.	1,105	1,248	56.3	9.5	75.6
Hawaii.....	148	104	87.7	1.3	8.3	R.I.	61	85	48.1	.7	6.3
Idaho.....	88	111	53.7	1.0	5.3	S.C.	527	515	80.6	10.4	42.2
Ill.....	979	1,124	53.6	11.3	74.1	S.Dak.	94	99	65.7	1.0	6.4
Ind.....	643	712	60.5	5.2	31.7	Tenn.	614	672	77.3	9.5	42.3
Iowa.....	454	470	76.0	4.3	19.5	Tex.	1,189	1,659	59.4	14.2	137.9
Kans.....	305	318	70.0	2.5	15.6	Utah.....	183	223	69.5	2.2	10.2
Ky.....	572	603	80.3	9.0	35.3	Vt.....	50	50	49.8	.6	3.8
La.....	814	790	85.0	9.7	55.8	Va.....	703	743	67.8	9.5	43.4
Maine.....	119	146	62.7	1.7	10.6	Wash.	320	362	51.0	3.1	21.5
Md.....	371	433	50.8	4.3	27.7	W.Va.	213	258	62.0	4.2	18.3
Mass.....	622	743	63.5	5.2	42.9	Wis.	495	524	55.0	4.3	25.3
Mich.....	654	847	49.8	6.5	47.8	Wyo.....	42	49	55.6	.3	2.0
Minn.....	586	589	63.0	5.9	27.5	P.Rico.	366	549	70.2	7.3	57.4
Miss.....	450	442	35.3	8.4	40.0	Am.Samoa	8	8	99.6	.1	.7
Mo.....	687	668	67.2	6.1	36.1	Guam.....	16	19	64.3	.2	1.3
						Virgin Is.	16	21	91.0	.2	2.1
						Trust Terr.	-	21	87.3	-	2.5

- 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.

## No. 208. FEDERAL FOOD STAMP PROGRAM: 1961 TO 1978

[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 210]

YEAR (ending June 30)	Number of partic- ipating areas	Partic- ipants <sup>1</sup> (1,000)	Average monthly partic- ipation (1,000)	VALUE OF STAMPS ISSUED				
				Total retail value (mil. dol.)	Cost to partic- ipants (mil. dol.)	Federal Govt. contribution		
						Total (mil. dol.)	Percent of total retail value	Average monthly per partic- ipant
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	11,694	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	14.00
1974.....	2,818	13,524	12,862	4,727	2,009	2,718	57.5	17.61
1975.....	3,035	16,197	17,064	7,266	2,880	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	16,097	17,058	8,340	3,282	5,058	60.7	24.71
1978, prel. <sup>2</sup> .....	3,037	15,270	16,044	8,311	3,146	5,165	62.2	26.83

Z Less than \$500,000. <sup>1</sup> As of end of year. <sup>2</sup> For year ending Sept. 30.

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

## No. 209. HOUSEHOLDS PARTICIPATING IN FEDERAL FOOD STAMP PROGRAM—SELECTED CHARACTERISTICS: 1973 TO 1975

[Based on Current Population Survey; see text, p. 1, and Appendix III. For composition of regions, see fig. 1, inside front cover]

YEAR AND CHARACTERISTIC	TOTAL <sup>1</sup>			WHITE			BLACK		
	House- holds partic- ipating (1,000)	Per- cent of all house- holds	Per- cent distrib- ution	House- holds partic- ipating (1,000)	Per- cent of all house- holds	Per- cent distrib- ution	House- holds partic- ipating (1,000)	Per- cent of all house- holds	Per- cent distrib- ution
1973, May.....	3,110	(NA)	(X)	1,903	(NA)	(X)	1,182	(NA)	(X)
1974, July.....	3,519	5.0	(X)	2,115	3.4	(X)	1,362	18.9	(X)
1975, July, total.....	4,423	6.2	100.0	2,763	4.4	100.0	1,601	21.5	100.0
Northeast.....	1,081	6.5	24.4	738	4.9	26.7	332	22.4	20.7
North Central.....	960	5.0	21.7	597	3.4	21.6	390	23.3	22.5
South.....	1,709	7.6	38.6	911	4.9	33.0	791	21.6	40.4
West.....	672	5.2	15.2	517	4.4	18.7	118	16.0	7.4
Size of household: <sup>2</sup>									
1 person.....	962	6.8	21.7	643	5.2	23.5	307	19.4	19.2
2 persons.....	827	3.8	18.7	575	2.9	20.8	238	13.7	14.7
3 persons.....	780	6.5	17.6	462	4.4	16.7	304	23.0	19.0
4-5 persons.....	1,049	6.2	23.7	656	4.3	23.8	383	23.3	23.9
6 persons or more.....	740	13.7	16.8	386	9.1	14.0	345	32.3	21.5
Annual money income: <sup>2 3</sup>									
Under \$2,000.....	915	27.7	20.7	529	21.7	19.1	375	44.3	23.4
\$2,000-\$2,999.....	972	23.2	22.0	573	17.3	20.7	386	45.4	24.1
\$3,000-\$3,999.....	787	17.6	17.3	497	14.1	18.0	260	32.9	16.2
\$4,000-\$5,999.....	883	11.4	20.1	515	8.0	18.6	380	28.3	22.4
\$6,000-\$9,999.....	508	4.0	11.6	362	3.2	13.1	141	9.5	8.8
\$10,000 and over.....	239	.7	5.4	185	.6	6.7	49	2.8	3.1
Received public assistance.....	2,671	54.0	60.4	1,522	49.5	55.1	1,113	61.6	69.5
No public assistance.....	1,752	2.6	39.6	1,241	2.1	44.9	488	8.7	30.5
Head of household:									
Under 35 years.....	1,716	8.3	38.8	1,072	5.9	38.8	620	25.6	38.7
35 to 54 years.....	1,429	5.8	32.3	834	3.9	30.2	573	21.0	35.8
55 to 64 years.....	617	4.4	11.7	315	3.0	11.4	197	18.1	12.3
65 years and over.....	761	5.4	17.2	542	4.2	19.6	211	17.7	13.2
Employed <sup>4</sup> .....	1,275	2.6	28.8	851	1.9	30.8	400	9.1	25.0
Unemployed <sup>4</sup> .....	553	19.6	12.5	356	15.9	12.9	192	35.8	12.0
Not in labor force <sup>4</sup> .....	2,594	13.6	58.6	1,556	9.5	56.3	1,009	40.5	63.0
Male head.....	1,846	3.4	41.7	1,350	2.8	48.9	472	10.5	29.5
Female head.....	2,576	15.0	58.2	1,414	10.1	51.2	1,129	38.4	70.5
Metropolitan area (SMSA) <sup>5</sup> .....	2,862	6.0	64.7	1,660	4.0	59.7	1,171	20.4	73.1
in central cities.....	1,382	8.3	44.8	959	5.5	34.7	985	21.6	61.5
Outside central cities.....	880	3.4	19.9	691	2.9	25.0	186	15.8	11.6
Nonmetropolitan and farm.....	1,561	6.7	35.3	1,113	5.2	40.3	430	25.4	26.9

NA. Not available. X. Not applicable. <sup>1</sup> Includes other races, not shown separately.

<sup>2</sup> Excludes households not reported. <sup>3</sup> Income during previous 12-month period.

<sup>4</sup> Employment status as of week prior to Aug. 1975 Current Population Survey interview.

<sup>5</sup> SMSA = Standard metropolitan statistical area, as defined in 1970 census publications.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 61, and unpublished data.

# Food Stamp Program

131

## NO. 210. FEDERAL FOOD STAMP PROGRAM—PARTICIPATION AND VALUE, BY STATES AND OTHER AREAS: 1975 TO 1978

[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 208]

STATE OR OTHER AREA	PERSONS PARTICIPATING (1,000)				FEDERAL COST OF COUPONS ISSUED							
	1975	1976	1977, prel.	1978, prel.	Total (mil. dol.)				Percent of total retail value			
					1975	1976	1977, prel.	1978, prel.	1975	1976	1977, prel.	1978, prel.
<b>Total</b> .....	19,197	17,982	16,045	15,210	4,385.5	5,326.5	5,056.3	5,108.2	60.4	61.2	60.6	62.0
Ala.....	393	344	301	294	102.8	112.6	98.8	103.6	66.0	66.0	65.2	67.1
Alaska.....	12	8	9	11	6.6	4.7	5.4	6.0	76.7	75.8	75.0	75.0
Ariz.....	166	159	123	97	40.8	50.1	44.6	38.4	70.7	69.7	70.3	70.3
Ark.....	267	226	196	188	74.9	75.5	66.0	63.9	65.0	64.6	63.3	63.8
Calif.....	1,517	1,432	1,259	1,210	360.8	392.8	332.9	333.7	58.6	56.4	51.3	52.5
Colo.....	162	153	137	112	44.2	52.4	48.4	44.8	67.2	68.1	66.6	66.1
Conn.....	189	184	169	155	34.5	47.7	44.7	40.4	50.7	53.5	51.8	49.3
Del.....	39	26	24	29	7.7	10.8	8.3	9.0	61.1	62.1	58.5	60.8
D.C.....	111	109	95	91	25.7	28.7	25.5	26.6	52.1	53.6	52.5	54.7
Fla.....	767	768	688	642	206.6	281.5	261.0	255.9	73.3	74.4	73.2	74.2
Ga.....	569	508	418	390	129.3	161.2	142.5	137.6	62.8	65.1	65.4	67.6
Hawaii.....	84	105	105	90	23.6	32.9	34.6	34.1	56.1	55.0	53.2	52.1
Idaho.....	39	47	30	30	10.4	11.1	9.9	10.0	65.0	63.8	63.5	64.9
Ill.....	948	960	876	827	235.7	302.3	282.1	284.6	56.8	60.5	58.4	60.1
Ind.....	255	217	177	169	58.2	69.2	58.6	56.2	63.3	63.0	63.2	64.1
Iowa.....	118	111	99	98	28.1	30.0	29.0	28.8	57.1	55.4	56.2	56.1
Kans.....	63	64	58	48	12.3	15.0	15.0	14.8	50.2	50.2	50.2	53.6
Ky.....	449	406	365	322	128.4	135.7	128.3	125.9	67.1	65.2	65.7	67.5
La.....	502	469	402	372	148.0	151.6	134.4	130.9	68.3	66.3	65.4	66.8
Maine.....	151	117	90	94	31.0	36.3	28.5	33.1	61.0	61.9	60.3	66.5
Md.....	273	264	239	232	76.2	86.0	83.8	85.1	65.0	64.2	65.5	65.8
Mass.....	560	589	563	522	81.7	144.9	148.9	155.4	50.2	54.5	55.9	58.8
Mich.....	685	677	599	566	123.4	143.7	130.5	125.2	48.0	48.0	46.3	46.3
Minn.....	191	176	151	119	40.3	46.2	42.9	39.2	54.4	55.1	55.7	55.5
Miss.....	390	355	312	298	109.7	115.6	106.3	104.9	67.4	67.4	66.6	66.8
Mo.....	299	250	199	189	82.0	85.4	68.5	64.2	62.1	62.9	63.1	62.6
Mont.....	38	31	24	22	10.9	10.3	8.7	8.5	66.9	66.9	66.4	66.9
Nebr.....	50	44	37	37	11.3	11.9	10.7	10.5	56.2	55.6	56.3	54.7
Nev.....	34	23	16	16	10.5	10.3	6.5	6.2	75.0	72.5	70.7	71.3
N.H.....	66	49	39	35	11.3	15.5	12.9	11.9	58.5	59.8	60.6	62.6
N.J.....	565	536	483	457	125.2	164.0	157.4	154.9	56.3	59.3	59.4	59.8
N. Mex.....	154	129	105	99	46.4	45.7	30.7	37.5	69.2	68.9	68.8	69.6
N.Y.....	1,398	1,494	1,431	1,458	209.9	302.6	302.6	389.0	40.6	45.0	48.3	49.5
N.C.....	537	460	387	345	121.9	144.8	133.4	126.2	63.4	64.8	65.6	65.1
N. Dak.....	19	17	14	14	4.5	4.5	4.3	4.6	57.7	58.4	58.0	62.2
Ohio.....	924	877	730	666	253.4	292.3	260.5	244.6	67.6	67.6	66.4	66.6
Okla.....	184	172	145	135	37.7	42.2	37.2	36.1	52.4	51.5	49.3	50.2
Oreg.....	208	167	140	139	56.1	50.9	42.3	44.2	65.2	59.4	57.8	61.2
Pa.....	893	858	826	803	174.9	204.7	205.2	228.2	47.6	48.6	48.4	51.7
R.I.....	104	89	74	65	18.0	22.5	18.5	26.8	46.9	49.5	48.8	59.0
S.C.....	421	320	250	240	121.3	115.3	89.5	85.1	70.4	68.8	66.9	67.3
S. Dak.....	31	28	23	21	7.7	8.2	7.5	7.2	57.0	59.0	61.5	63.7
Tenn.....	435	400	372	374	115.4	137.5	133.6	141.8	67.6	68.9	69.8	71.6
Tex.....	1,085	903	744	731	315.2	298.7	255.1	254.4	67.2	66.2	66.4	67.4
Utah.....	50	43	33	30	11.0	12.4	8.9	8.6	55.3	55.6	51.7	52.1
Vt.....	46	46	36	36	9.3	11.6	10.6	10.3	51.1	53.7	53.8	55.7
Va.....	293	252	213	197	63.2	74.9	69.6	66.6	60.5	61.1	62.1	62.9
Wash.....	239	227	201	174	69.0	70.4	62.5	57.0	61.5	59.7	59.0	57.2
W. Va.....	204	180	226	283	56.1	55.8	60.7	98.3	63.5	61.9	66.4	74.9
Wis.....	163	177	162	141	29.3	37.8	37.7	35.3	48.8	48.1	46.3	46.0
Wyo.....	11	10	7	7	2.7	2.8	2.6	2.4	62.8	62.2	63.4	64.9
P. Rico.....	1,800	1,672	1,595	1,446	261.0	541.1	597.3	637.4	72.0	75.4	76.1	77.8
Guam.....	21	30	22	18	3.5	13.6	9.8	8.5	59.3	72.7	64.9	63.4
Virgin I.....	25	24	26	26	5.9	10.2	11.6	13.8	68.6	70.3	72.0	73.8

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