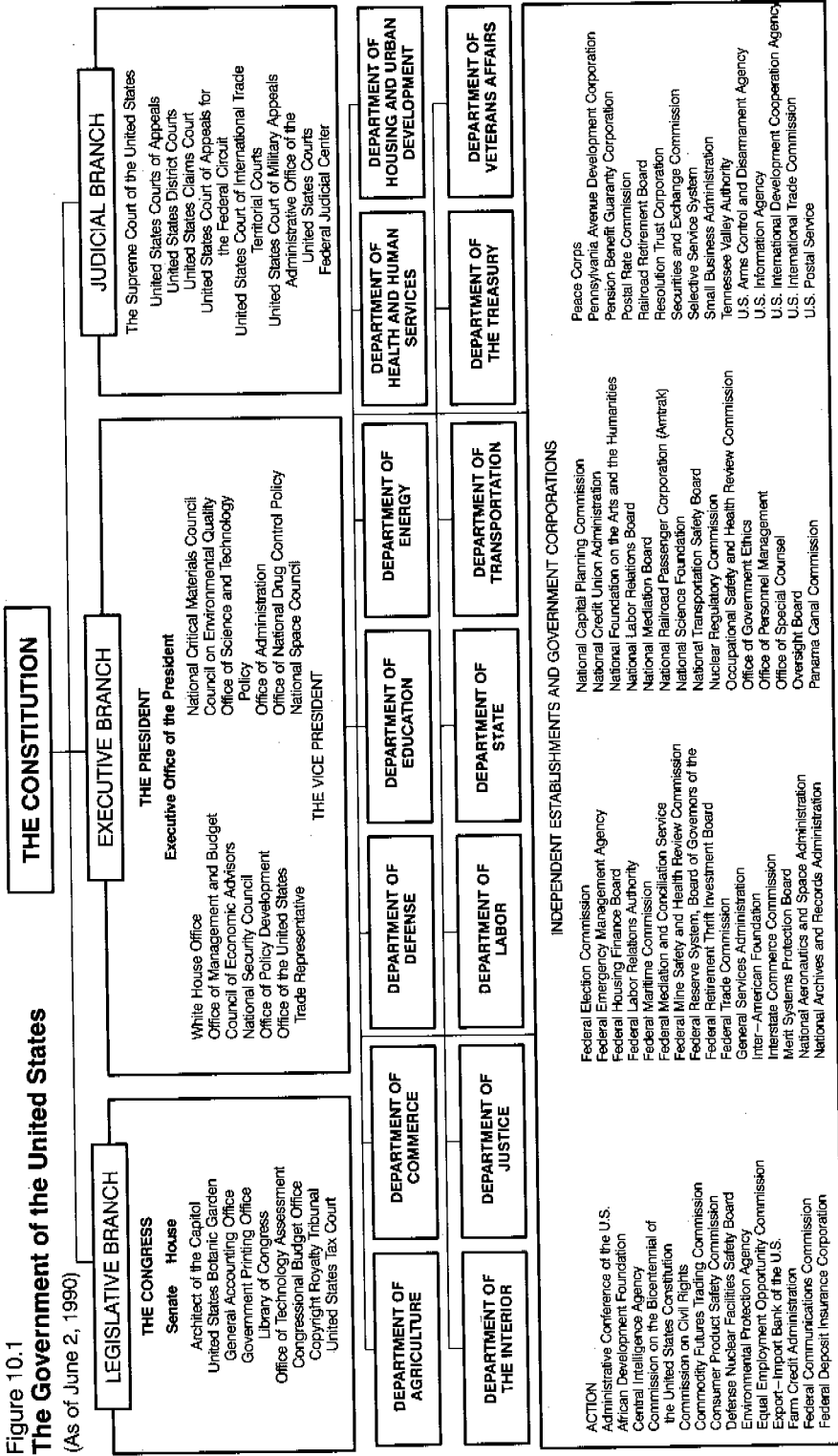


Figure 10.1  
The Government of the United States

(As of June 2, 1990)



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 529.



## Section 10 Federal Government Finances and Employment

This section presents statistics relating to the financial structure and the civilian employment of the Federal Government. The fiscal data cover taxes, other receipts, outlays, and debt. The principal sources of fiscal data are *The Budget of the United States Government* and related documents, published annually by the Office of Management and Budget (OMB), and the Department of the Treasury's *United States Government Annual Report* and its *Appendix*. Detailed data on tax returns and collections are published annually by the Internal Revenue Service. The personnel data relate to staffing and payrolls for the various public functions and agencies, to employee characteristics, and to civil service status; they are published by the Office of Personnel Management and the Bureau of Labor Statistics (see p. 314). The primary source for data on public lands is *Public Land Statistics*, published annually by the Bureau of Land Management, Department of the Interior. Data on federally owned land and real property are collected by the General Services Administration and presented in its annual *Inventory Report on Real Property Owned by the United States Throughout the World*.

**Budget concept.**—Under the unified budget concept, all Federal monies are included in one comprehensive budget. These monies comprise both Federal funds and trust funds. Federal funds are derived mainly from taxes and borrowing and are not restricted by law to any specific government purpose. Trust funds, such as the Unemployment Trust Fund, collect certain taxes and other receipts for use in carrying out specific purposes or programs in accordance with the terms of the trust agreement or statute. Fund balances include both cash balances with Treasury and investments in U.S. securities. Part of the balance is obligated, part unobligated. In recent years, the budget totals, under provisions of law, have excluded some Federal activities—including the Federal Financing Bank, the Postal Service, the Synthetic Fuels Corporation, and the lending activities of the Rural Electrification Administration. The Balanced Budget and Emergency Deficit Control Act of 1985 (P.L.99-177) repealed the off-budget status of these entities and placed social security (Federal old-age and survivors insurance and the Federal disability insurance trust funds) off-budget. Though social security is now off-budget and, by law, excluded from coverage of the congressional budget resolutions, it continues to be a Federal program.

Receipts arising from the Government's sovereign powers are reported as governmental receipts; all other receipts, i.e., from business-type or market-oriented activities, are offset against outlays. Outlays are reported on a checks-issued (net) basis (i.e., outlays are recorded at the time the checks to pay bills are issued).

**Debt concept.**—For most of U.S. history, the total debt consisted of debt borrowed by the Treasury (i.e., public debt). The present debt series, includes both public debt and agency debt. The *gross Federal debt* includes money borrowed by the Treasury and by various Federal agencies; it is the broadest generally used measure of the Federal debt. *Total public debt* is covered by a statutory debt limitation, and includes only borrowing by the Treasury.

**Treasury receipts and outlays.**—All receipts of the Government, with a few exceptions, are deposited to the credit of the U.S. Treasury regardless of ultimate disposition. Under the Constitution, no money may be withdrawn from the Treasury unless appropriated by the Congress.

The day-to-day cash operations of the Federal Government clearing through the accounts of the U.S. Treasury are reported in the *Daily Treasury Statement*. Extensive detail on the public debt is published in the *Monthly Statement of the Public Debt of the United States*.

Budget receipts such as taxes, customs duties, and miscellaneous receipts, which are collected by Government agencies, and outlays represented by checks issued and cash payments made by disbursing officers as well as government agencies are reported in the *Daily Treasury Statement of Receipts and Outlays of the United States Government* and in the Treasury's *United States Government Annual Report* and its *Appendix*. These deposits in, and payments from, accounts maintained by Government agencies are on the same basis as the unified budget.

The quarterly *Treasury Bulletin* contains data on fiscal operations and related Treasury activities, including financial statements of Government corporations and other business-type activities.

**Income tax returns and tax collections.**—Tax data are compiled by the Internal Revenue Service of the Treasury Department. The *Annual Report of the Commissioner and Chief Counsel of the Internal Revenue Service* gives a detailed account of tax collections by kind of tax and by regions, districts, and States. The agency's annual *Statistics of Income* reports present detailed data from individual income tax returns and corporation income tax returns. The quarterly *Statistics of Income Bulletin* has, in general, replaced the supplemental *Statistics of Income* publications which presented data on such diverse subjects as tax-exempt organizations, unincorporated businesses, fiduciary income tax and estate tax returns, sales of capital assets by individuals, international income and taxes reported by corporations and individuals, and estate tax wealth.

**Employment and payrolls.**—The Office of Personnel Management collects employment and payroll data from all departments and agencies of the Federal Government, except the Central Intelligence Agency, the National Security Agency, and the Defense Intelligence Agency. Employment figures represent the number of persons who occupied civilian positions at the end of the report month shown and who are paid for personal services rendered for the Federal Government, regardless of the nature of appointment or method of payment.

Federal payrolls include all payments for personal services rendered during the report month and payments for accumulated annual leave of employees who separate from the service. Since most Federal employees are paid on a biweekly basis, the calendar month earnings are partially estimated on the basis of the number of work days in each month where payroll periods overlap.

Federal employment and payroll figures are published by the Office of Personnel Management in its *Federal Civilian Workforce Statistics—Employment and Trends*. It also publishes biennial employment data for minority groups, data on occupations of white- and blue-collar workers, and data on employment by geographic area; reports on salary and wage distribution of Federal employees are published annually. General schedule is primarily white-collar; wage system primarily blue-collar. Data on Federal employment are also issued by the Bureau of Labor Statistics in its *Monthly Labor Review* and in *Employment and Earnings* and by the Bureau of the Census in its annual *Public Employment*.

**Public lands.**—The data on applications, entries, selections, patents, and certifications refer to transactions which involve the disposal, under the public land laws (including the homestead laws), of Federal public lands to non-Federal owners. In general, original entries and selections are applications to secure title to public lands which have been accepted as properly filed (i.e., allowed). Some types of applications, however, are not reported until issuance of the final certificate, which passes equitable title to the land to the applicant. Applications are approved when full compliance with the requirements of the laws is shown and become final entries (perfected entries) upon issuance of a final certificate. Patents are Government deeds which pass legal title to the land to the applicant. Certifications are issued in lieu of patents in connection with certain State selections.

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

## No. 507. Federal Budget—Summary: 1945 to 1990

[In billions of dollars, except percent. For fiscal years ending in year shown; see text, section 9. The Balanced Budget and Emergency Deficit Control Act of 1985 put all the previously off-budget Federal entities into the budget and moved Social Security off-budget. Minus sign (-) indicates deficit or decrease.]

YEAR	RECEIPTS			OUTLAYS					SURPLUS OR DEFICIT (-)			GROSS FEDERAL DEBT <sup>2</sup>					ANNUAL PERCENT CHANGE			Out-lays, off-budget	
	Total <sup>1</sup>	Fed-eral funds	Trust funds	Total <sup>1</sup>	Fed-eral funds	Trust funds	Human re-sources	National defense	Per-cent of GNP <sup>4</sup>	Total <sup>1</sup>	Fed-eral funds	Trust funds	Held by—			As per-cent of GNP <sup>4</sup>	Re-ceipts	Out-lays	Gross Fed-eral debt <sup>2</sup>		
													Federal Gov't Account	The Public	Federal Reserve System						
1945	45.0	42.0	4.0	93.0	95.0	-1.0	2.0	83.0	43.6	-48.0	-53.0	4.0	260.0	25.0	235.2	22.0	122.5	3.2	15	27.5	0.1
1950	39.0	35.0	4.0	43.0	38.0	5.0	14.0	14.0	16.0	-3.0	-3.0	-2.0	274.0	38.0	219.0	18.0	96.3	0.1	9.6	1.7	0.5
1955	65.5	58.0	3.0	68.0	62.0	6.0	15.0	43.0	17.7	-3.0	-4.0	-0.3	274.0	48.0	226.6	24.0	71.0	-6.0	-3.4	1.3	0.5
1960	92.5	75.6	7.8	92.2	74.9	6.1	26.2	48.1	18.2	0.3	0.8	-0.3	290.5	53.7	236.8	26.5	57.3	16.7	0.1	1.1	1.1
1965	116.8	90.9	11.5	118.2	94.9	9.2	36.6	50.6	17.6	-1.4	-3.9	2.3	323.2	61.5	260.8	39.1	47.9	3.7	-0.3	2.0	10.9
1966	130.8	101.4	12.9	134.5	106.6	10.8	43.3	58.1	18.2	-3.7	-5.2	2.1	328.5	64.8	263.7	42.2	44.5	12.0	13.6	19.7	16.5
1967	148.8	111.8	14.8	157.5	127.5	13.4	51.3	71.4	19.8	-8.6	-15.2	0.6	340.4	73.8	266.6	46.7	42.8	13.7	17.0	3.9	20.4
1968	153.0	114.7	17.6	178.1	143.1	16.9	59.4	81.9	21.0	-25.2	-28.4	4.4	365.8	79.1	286.5	52.2	43.4	2.6	13.1	8.8	22.3
1969	166.9	143.2	22.3	183.6	148.2	15.7	66.4	82.5	19.8	-3.2	-4.9	4.4	365.8	87.7	278.1	54.1	39.4	2.2	3.1	-0.8	25.2
1970	192.8	143.2	26.0	219.6	163.7	17.8	75.3	81.7	19.9	-2.8	-13.2	4.5	380.9	97.1	283.2	57.7	38.5	3.2	6.5	4.1	27.6
1971	187.1	133.8	26.0	210.7	163.7	22.2	91.9	78.9	19.9	-23.0	-29.9	3.8	408.2	105.1	303.0	65.5	38.5	2.9	7.4	7.2	32.8
1972	207.3	148.8	28.4	230.7	178.1	25.5	107.2	79.2	20.0	-23.4	-29.3	10.3	463.9	113.6	350.3	75.2	36.4	10.8	9.8	6.8	36.9
1973	230.8	161.4	41.2	245.9	187.0	30.9	119.5	76.7	19.2	-14.9	-25.7	2.9	463.9	125.4	338.4	71.4	37.8	11.3	6.5	7.0	45.6
1974	263.2	181.2	46.1	289.4	201.4	33.9	135.8	79.3	19.0	-6.1	-20.1	12.2	483.9	140.2	343.7	60.6	34.2	14.0	9.6	3.8	52.1
1975	279.1	187.5	51.0	332.3	248.2	45.6	173.2	86.5	21.8	-53.2	-60.7	5.4	541.9	147.2	394.7	85.0	35.6	6.0	23.4	12.0	60.4
1976	296.1	201.1	61.8	371.8	277.2	56.2	203.6	89.6	21.9	-73.7	-76.1	5.6	629.0	151.6	477.4	94.7	37.0	6.8	11.9	16.1	69.6
1976 <sup>5</sup>	312.4	211.1	13.3	366.0	266.9	13.8	52.1	22.3	21.4	-14.7	-12.8	-0.5	643.6	148.1	495.4	96.7	35.9	(X)	(X)	(X)	19.4
1977	355.6	241.3	70.3	409.2	304.5	56.9	221.9	97.2	21.2	-53.6	-63.1	13.0	706.4	157.3	549.1	105.0	36.5	19.3	10.1	12.3	80.7
1978	398.6	270.5	76.9	458.7	342.4	59.9	242.3	104.5	21.1	-59.2	-71.9	17.0	776.6	169.5	607.1	115.5	35.8	12.4	12.1	9.9	89.7
1979	463.3	316.4	86.0	508.5	374.9	65.7	267.6	116.3	20.6	-40.2	-58.5	20.3	828.9	189.2	639.7	115.5	35.8	16.0	9.8	6.7	100.0
1980	517.1	350.9	94.7	590.9	433.5	84.8	313.4	134.0	22.1	-73.8	-86.6	9.8	908.5	199.2	709.3	120.8	34.0	11.6	17.4	9.6	114.3
1981	599.3	410.4	106.0	678.2	496.2	94.2	362.0	157.5	22.7	-78.9	-88.8	11.8	994.3	209.5	784.8	124.5	33.3	15.9	14.8	9.4	135.2
1982	617.8	409.3	122.1	745.7	543.4	107.9	388.7	185.3	23.8	-127.9	-134.2	14.2	1,136.8	217.6	919.2	134.5	36.2	3.1	10.0	15.4	151.4
1983	600.6	382.3	147.3	808.3	613.2	124.4	426.0	209.9	24.0	-207.8	-230.8	22.9	1,371.2	240.1	1,131.0	155.5	41.3	2.8	8.4	20.6	147.1
1984	666.5	419.6	158.1	851.8	637.8	125.4	432.0	227.4	23.1	-185.3	-218.2	32.6	1,564.1	264.3	1,300.0	155.1	42.4	1.0	5.4	14.1	165.8
1985	734.1	459.5	197.5	946.3	725.9	152.7	471.8	252.7	23.9	-212.3	-266.4	44.8	1,817.0	317.6	1,499.4	169.8	46.0	10.1	11.1	16.2	176.8
1986	769.1	473.5	206.9	980.3	766.5	161.4	481.6	273.4	23.7	-221.2	-288.0	45.1	2,120.1	383.9	1,736.2	190.9	50.7	4.8	4.6	16.7	183.5
1987	854.1	537.8	216.6	1,003.8	760.2	163.6	502.2	282.0	22.7	-149.7	-222.4	53.1	2,345.6	457.4	1,888.1	212.0	52.9	11.1	1.4	10.6	193.8
1988	909.0	560.2	232.2	1,064.0	813.1	173.2	533.4	290.4	22.2	-155.1	-252.9	59.0	2,600.8	550.5	2,050.2	229.2	54.3	6.4	6.0	10.9	202.7
1989	990.7	613.8	245.2	1,142.6	889.6	175.0	588.7	303.6	22.2	-152.0	-275.8	63.6	2,866.2	676.9	2,189.2	220.1	55.6	9.0	7.4	10.2	210.9
1990 <sup>est.</sup>	1,073.5	670.2	256.9	1,197.2	917.2	193.2	616.0	296.3	21.8	-123.8	-247.1	72.7	3,113.3	814.6	2,298.7	(NA)	56.7	8.4	4.8	8.6	225.8

<sup>1</sup> Represents or rounds to zero. NA Not available. <sup>2</sup> See text, section 10 for discussion of debt concept.  
<sup>3</sup> Change from previous year. For explanation of average annual percent change, see Guide to Tabular Presentation.  
<sup>4</sup> Gross national product as of fiscal year; for calendar year GNP, see table 701.  
<sup>5</sup> Represents transition quarter, July-Sept.

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



**No. 508. Federal Receipts, by Source: 1980 to 1990**

[In billions of dollars. For fiscal years ending in year shown; see text, section 9. Receipts reflect collections. Covers both Federal funds and trust funds (see text, section 10). Excludes government-sponsored but privately-owned corporations, Federal Reserve System, District of Columbia government, and money held in suspense as deposit funds. See *Historical Statistics, Colonial Times to 1970*, series Y 343-351, and Y 472-487 for related data]

SOURCE	1980	1983	1984	1985	1986	1987	1988	1989	1990, est.	PERCENT DISTRIBUTION	
										1980	1990, est.
<b>Total receipts</b> <sup>1</sup>	<b>517.1</b>	<b>600.6</b>	<b>666.5</b>	<b>734.1</b>	<b>769.1</b>	<b>854.1</b>	<b>909.0</b>	<b>990.7</b>	<b>1,073.5</b>	<b>100.00</b>	<b>100.00</b>
Individual income taxes	244.1	288.9	298.4	334.5	349.0	392.6	401.2	445.7	489.4	47.20	45.59
Corporation income taxes	64.6	37.0	56.9	61.3	63.1	83.9	94.5	103.6	112.0	12.49	10.43
Social insurance	157.8	209.0	239.4	265.2	283.9	303.3	334.3	359.4	385.4	30.52	35.90
Employment taxes and contributions	138.7	185.8	209.7	234.6	255.1	273.0	305.1	332.9	358.6	26.83	33.41
Old-age and survivors insurance	96.6	129.0	150.3	169.8	182.5	194.5	220.3	240.6	258.5	18.68	24.08
Disability insurance	16.6	18.3	15.8	16.3	17.7	18.9	21.2	23.1	27.0	3.22	2.52
Hospital insurance	23.2	35.6	40.3	44.9	51.3	56.0	58.9	65.4	69.3	4.49	6.46
Railroad retirement/pension fund	2.3	2.8	3.3	2.2	2.1	2.2	2.3	2.4	2.4	0.45	0.22
Railroad social security equiv. account	-	-	-	1.4	1.4	1.4	1.4	1.4	1.4	(X)	0.13
Unemployment insurance	15.3	18.8	25.1	25.8	24.1	25.6	24.6	22.0	22.0	2.97	2.05
Other retirement contributions	3.7	4.4	4.6	4.8	4.7	4.7	4.7	4.5	4.7	0.72	0.44
Excise taxes	24.3	35.3	37.4	36.0	32.9	32.5	35.2	34.1	36.2	4.70	3.37
Federal funds	15.6	24.1	22.3	19.1	16.1	14.8	16.2	12.8	15.4	3.01	1.43
Alcohol and tobacco taxes	8.0	9.7	10.0	10.4	10.4	10.8	10.3	10.1	9.9	1.55	0.92
Other taxes	7.6	14.4	12.3	8.7	5.7	4.0	5.9	2.7	5.5	1.46	0.51
Trust funds	8.8	11.2	15.1	16.9	16.9	17.6	19.0	21.3	20.8	1.70	1.94
Highways	6.6	8.3	11.7	13.0	13.4	13.0	14.1	15.6	14.7	1.28	1.37
Airport and airway	1.9	2.2	2.5	2.9	2.7	3.1	3.2	3.7	3.9	0.36	0.36
Black lung disability	0.3	0.5	0.5	0.6	0.5	0.6	0.6	0.6	0.6	0.05	0.06
Inland waterway	-	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	0.0	0.1	(X)	0.01
Hazardous substance response	-	0.2	0.3	0.3	(Z)	0.6	0.7	0.9	0.9	(X)	0.08
Estate and gift taxes	6.4	6.1	6.0	6.4	7.0	7.5	7.6	8.7	9.3	1.24	0.87
Customs duties	7.2	8.7	11.4	12.1	13.3	15.1	16.2	16.3	16.8	1.39	1.57
Federal Reserve deposits	11.8	14.5	15.7	17.1	18.4	16.8	17.2	19.6	21.1	2.28	1.97

- Represents or rounds to zero. X Not applicable. Z Less than \$50 million. <sup>1</sup> Totals reflect interfund and intragovernmental transactions and/or other functions, not shown separately.

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

**No. 509. Federal Outlays, by Detailed Function: 1980 to 1990**

[In billions of dollars. For fiscal years ending in year shown; outlays stated in terms of checks issued or cash payments. See headnote, table 508]

FUNCTION	1980	1983	1984	1985	1986	1987	1988	1989	1990, est.	PERCENT DISTRIBUTION	
										1980	1990, est.
<b>Total outlays</b> <sup>1</sup>	<b>590.9</b>	<b>808.3</b>	<b>851.8</b>	<b>946.3</b>	<b>990.3</b>	<b>1,003.8</b>	<b>1,064.0</b>	<b>1,142.6</b>	<b>1,197.2</b>	<b>100.00</b>	<b>100.00</b>
National defense	134.0	209.0	227.4	252.7	273.4	282.0	290.4	303.6	296.3	22.68	24.75
Dept. of Defense, military	130.9	204.4	220.9	245.1	265.5	274.0	281.9	294.9	286.8	22.15	23.96
Atomic energy defense activities	2.9	5.2	6.1	7.1	7.4	7.5	7.9	8.1	8.9	0.49	0.74
Defense related activities	0.2	0.3	0.4	0.5	0.5	0.6	0.5	0.6	0.6	0.04	0.05
International affairs	12.7	11.8	15.9	16.2	14.2	11.6	10.5	9.6	14.6	2.15	1.22
International development and humanitarian assistance	3.6	4.0	4.5	5.4	5.0	4.3	4.7	4.8	4.9	0.61	0.41
Conduct of foreign affairs	1.4	1.8	1.9	2.0	2.3	2.2	2.7	2.9	3.0	0.23	0.25
Foreign information and exchange	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.1	1.2	0.09	0.10
International financial programs	2.4	-1.1	0.9	-1.5	-4.5	-3.0	2.5	-0.7	-0.7	0.41	-0.06
International security assistance	4.8	6.6	7.9	9.4	10.5	7.1	4.5	1.5	6.3	0.81	0.53
Income security	86.5	122.6	112.7	128.2	119.8	123.3	129.3	136.0	146.6	14.64	12.25
General retirement and disability insurance	5.1	5.6	5.4	5.6	5.3	5.6	5.3	5.7	5.2	0.86	0.43
Federal employee retirement and disability	26.6	36.5	38.1	38.6	41.4	43.7	46.9	49.2	52.2	4.50	4.36
Housing assistance	5.6	10.0	11.3	25.3	12.4	12.7	13.9	14.7	16.3	0.95	1.36
Food and nutrition assistance	14.0	18.0	18.1	18.5	18.6	18.9	20.1	21.2	23.4	2.37	1.95
Other income security	17.2	21.1	21.4	22.7	24.4	25.3	27.9	29.7	31.1	2.91	2.60
Unemployment insurance	18.1	31.5	18.4	17.5	17.8	17.1	15.3	15.6	18.1	3.05	1.51
Health	23.2	28.6	30.4	33.5	35.9	40.0	44.5	48.4	57.8	3.92	4.83
Health care services	18.0	23.0	24.5	27.0	28.9	32.6	36.0	39.2	47.9	3.05	4.00
Health research	3.4	4.0	4.4	4.9	5.4	5.6	6.6	7.3	7.9	0.58	0.66
Education and training of health care workforce	0.7	0.6	0.4	0.5	0.5	0.6	0.5	0.5	0.6	0.12	0.05
Consumer and occupational health and safety	1.0	1.1	1.1	1.2	1.2	1.2	1.3	1.4	1.5	0.17	0.13
Social Security and Medicare	150.6	223.3	235.8	254.4	268.9	282.5	298.2	317.5	345.1	25.49	28.83
Social Security	118.5	170.7	178.2	188.6	198.8	207.4	219.3	232.5	248.5	20.06	20.76
Medicare	32.1	52.6	57.5	65.8	70.2	75.1	78.9	85.0	96.6	5.43	8.07

See footnotes at end of table.

## No. 509. Federal Outlays, by Detailed Function: 1980 to 1990—Continued

[In billions of dollars. See headnote, p. 316]

SOURCE OR FUNCTION	1980	1983	1984	1985	1986	1987	1988	1989	1990, est.	PERCENT DISTRIBUTION	
										1980	1990, est.
Veterans benefits and services <sup>1</sup>	21.2	24.8	25.6	26.3	26.4	26.8	29.4	30.1	28.9	3.59	2.41
Income security	11.7	14.3	14.4	14.7	15.0	15.0	16.0	16.5	15.1	1.98	1.26
Education, training, and rehabilitation	2.3	1.6	1.4	1.1	0.5	0.5	0.5	0.5	0.4	0.40	0.03
Hospital and medical care	6.5	8.3	8.9	9.5	9.9	10.3	10.8	11.3	12.0	1.10	1.00
Housing	(2)	(2)	0.2	0.2	0.1	0.3	1.3	0.9	0.4	(X)	0.03
Education, training, employment, and social services	31.8	26.6	27.8	29.3	30.6	29.7	31.9	36.7	37.7	5.39	3.15
Elementary, secondary, and vocational education	6.9	6.3	6.5	7.6	7.8	7.9	8.4	9.2	9.8	1.17	0.82
Higher education	6.7	7.2	7.4	8.2	8.4	7.4	8.3	10.6	10.5	1.14	0.88
Research and general education aids	1.2	1.1	1.2	1.1	1.2	1.3	1.3	1.4	1.5	0.20	0.13
Training and employment	10.3	5.3	4.6	5.0	5.3	5.1	5.2	5.3	5.5	1.75	0.46
Social services	6.1	6.1	7.2	6.7	7.2	7.4	8.0	9.4	9.6	1.03	0.80
Commerce and housing credit	9.4	6.7	6.9	4.2	4.9	6.2	18.8	27.7	22.7	1.59	1.90
Mortgage credit and thrift insurance	5.6	3.9	3.8	0.9	2.3	3.1	15.0	25.5	16.6	0.95	1.39
Payment to Postal Service	1.2	1.1	1.2	1.4	0.8	1.6	2.2	0.1	2.9	0.21	0.24
Other commerce	2.5	1.7	1.9	2.0	1.8	1.5	1.6	2.1	3.3	0.43	0.28
Transportation <sup>1</sup>	21.3	21.3	23.7	25.8	28.1	26.2	27.3	27.6	29.3	3.61	2.45
Ground transportation	15.3	14.3	16.2	17.6	18.7	17.2	18.1	17.9	18.4	2.58	1.54
Air transportation	3.7	4.0	4.4	4.9	5.3	5.5	5.9	6.6	7.4	0.63	0.62
Water transportation	2.2	3.0	3.0	3.2	4.0	3.5	3.1	2.9	3.3	0.38	0.28
Natural resources and environment <sup>1</sup>	13.9	12.7	12.6	13.4	13.6	13.4	14.6	16.2	17.5	2.35	1.46
Water resources	4.2	3.9	4.1	4.1	4.0	3.8	4.0	4.3	4.3	0.71	0.36
Conservation and land management	1.0	1.5	1.3	1.5	1.4	1.5	2.2	3.3	3.8	0.18	0.32
Recreational resources	1.7	1.5	1.6	1.6	1.5	1.6	1.7	1.8	1.9	0.28	0.16
Pollution control and abatement	5.5	4.3	4.0	4.5	4.8	4.9	4.8	4.9	5.5	0.93	0.46
Other natural resources	1.4	1.5	1.6	1.7	1.9	1.7	1.9	1.9	2.1	0.24	0.18
Energy <sup>1</sup>	10.2	9.4	7.1	5.7	4.7	4.1	2.3	3.7	3.2	1.72	0.27
Supply	8.4	6.1	3.3	2.8	2.8	2.3	0.7	2.2	1.8	1.42	0.15
Conservation	0.6	0.5	0.5	0.5	0.5	0.3	0.3	0.3	0.3	0.10	0.03
Emergency preparedness	0.3	1.9	2.5	1.8	0.6	0.8	0.6	0.6	0.5	0.06	0.04
Information, policy, and regulation	0.9	0.9	0.8	0.7	0.8	0.7	0.6	0.5	0.6	0.15	0.05
Community and regional development	11.3	7.6	7.7	7.7	7.2	5.1	5.3	5.4	8.8	1.90	0.74
Community development	4.9	4.4	4.5	4.6	4.1	3.7	3.4	3.7	3.8	0.83	0.32
Area and regional development	4.3	3.2	3.0	3.1	2.7	1.6	2.1	1.9	2.9	0.73	0.24
Disaster relief and insurance	2.0	(2)	0.1	(2)	0.4	-0.2	-0.2	-0.2	2.0	0.35	0.17
Agriculture <sup>1</sup>	8.8	22.9	13.6	25.6	31.4	26.8	17.2	16.9	14.6	1.50	1.22
Farm income stabilization	7.4	21.3	11.9	23.8	29.6	24.7	15.2	14.8	12.3	1.26	1.03
Research and services	1.4	1.6	1.7	1.8	1.8	1.9	2.0	2.1	2.2	0.24	0.18
Net interest	52.5	89.8	111.1	129.4	136.0	138.6	151.7	169.1	175.6	8.89	14.67
General science, space, and technology <sup>2</sup>	5.8	7.9	8.3	8.6	9.0	9.2	10.8	12.8	14.1	0.99	1.18
General science and basic research	1.4	1.6	1.8	2.0	2.2	2.3	2.4	2.6	3.0	0.23	0.25
Space flight	2.6	4.1	4.0	4.0	3.8	4.1	5.0	6.3	6.8	0.44	0.57
Space science, applications technology, and support act.	1.9	2.2	2.4	2.6	3.0	2.8	3.4	3.9	4.3	0.31	0.36
General government <sup>1</sup>	13.0	11.2	11.8	11.6	12.5	7.6	9.5	9.1	10.6	0.75	0.89
Legislative functions	1.0	1.2	1.3	1.4	1.4	1.4	1.6	1.7	1.8	0.18	0.15
Management, direction (Exec.)	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.02	0.02
Central fiscal operations	2.6	3.1	3.3	3.5	3.6	3.9	4.8	5.6	5.7	0.44	0.48
General property and records management	0.3	0.2	0.2	0.1	0.5	0.1	-0.2	-0.3	0.5	0.06	0.04
General purpose fiscal assistance	8.6	6.5	6.8	6.4	6.4	1.6	1.8	2.1	2.2	1.45	0.18
Administration of justice	4.6	5.1	5.7	6.3	6.6	7.5	9.2	9.4	10.5	0.78	0.88
Federal law enforcement	2.2	2.9	3.2	3.5	3.6	4.1	5.1	4.7	4.9	0.38	0.41
Federal judicial activities	1.3	1.6	1.8	2.1	2.2	2.5	2.9	3.3	3.6	0.23	0.30
Federal correctional activities	0.3	0.4	0.5	0.5	0.6	0.7	0.9	1.0	1.4	0.06	0.12
Criminal justice assistance	0.7	0.2	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.11	0.04
Undistributed offsetting receipts	-19.9	-34.0	-32.0	-32.7	-33.0	-36.5	-37.0	-37.2	-36.5	-3.37	-3.05
Employer share, employee retirement	-15.8	-23.5	-25.3	-27.2	-28.3	-30.6	-33.4	-34.3	-33.8	-2.68	2.82
Rents and royalties <sup>5</sup>	-4.1	-10.5	-6.7	-5.5	-4.7	4.0	-3.5	-2.9	-2.6	-0.69	-0.22

X Not applicable. Z Less than \$50 million. <sup>1</sup> Totals reflect interfund and intragovernmental transactions and/or other functions, not shown separately. <sup>2</sup> Includes supporting space activities. <sup>3</sup> Includes litigative activities. <sup>4</sup> Includes sale of major assets, not shown separately. <sup>5</sup> On Outer Continental Shelf.

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

## No. 510. Federal Budget Outlays in Current and Constant (1982) Dollars: 1970 to 1990

[For fiscal years ending in year shown; see text, section 9. Given the inherent imprecision in deflating outlays, the data shown in constant dollars present a reasonable perspective—not precision. The deflators and the categories that are deflated are as comparable over time as feasible. See headnote, table 507. Minus sign (-) indicates decrease]

YEAR	CURRENT DOLLARS						CONSTANT (1982) DOLLARS					
	Total	National defense	Total non-defense <sup>1</sup>	Payments for individuals <sup>2</sup>	Net interest <sup>3</sup>	Aid to State and local govt.	Total	National defense	Total non-defense <sup>1</sup>	Payments for individuals <sup>2</sup>	Net interest <sup>3</sup>	Aid to State and local govt.
<b>TOTAL OUTLAYS (bil. dol.)</b>												
1970	195.6	81.7	114.0	64.7	14.4	24.0	509.4	225.6	283.7	152.2	34.7	61.1
1971	210.2	78.9	131.3	80.4	14.8	28.1	509.4	202.7	306.7	181.0	34.0	66.7
1972	230.7	79.2	151.5	92.9	15.5	34.3	527.6	190.9	336.7	200.1	33.6	77.1
1973	245.7	76.7	169.0	104.5	17.3	41.8	527.5	175.1	352.4	215.7	35.9	88.7
1974	269.4	79.3	190.0	120.1	21.4	43.3	528.7	163.3	365.3	228.4	41.1	84.5
1975	332.3	86.5	245.8	153.5	23.2	49.7	586.0	159.8	426.2	265.8	40.4	87.0
1976	371.8	89.6	282.2	180.1	26.7	59.0	609.8	153.6	456.2	291.7	43.0	96.1
1976, TQ <sup>4</sup>	96.0	22.3	73.7	45.4	6.9	15.9	152.4	37.1	115.3	71.2	10.8	25.1
1977	409.2	87.2	312.0	196.3	29.9	68.3	622.6	154.3	468.3	295.5	44.6	103.5
1978	458.7	104.5	354.2	211.0	35.4	77.8	652.2	155.0	497.1	296.8	49.4	109.7
1979	503.5	116.3	387.1	232.9	42.6	82.8	660.2	159.1	501.0	301.6	54.7	106.6
1980	590.9	134.0	456.9	277.5	52.5	91.4	699.1	164.0	535.1	324.7	62.0	105.8
1981	678.2	157.5	520.7	323.4	68.7	94.7	726.5	171.4	555.2	344.3	73.7	100.6
1982	745.7	185.3	560.4	356.7	85.0	88.1	745.7	185.3	560.4	356.7	85.0	88.2
1983	808.3	209.9	598.4	395.4	89.8	92.4	775.0	201.3	573.7	378.6	86.1	88.7
1984	851.8	227.4	624.4	399.8	111.1	97.5	788.1	211.3	576.8	388.7	102.7	90.1
1985	946.3	252.7	693.6	425.6	129.4	105.7	849.6	230.0	619.7	380.0	116.0	93.9
1986	990.3	273.4	716.9	449.4	136.0	112.2	868.0	243.7	624.0	390.6	118.7	96.8
1987	1,003.8	282.0	721.8	469.4	138.6	108.2	858.0	250.3	607.0	392.2	117.4	90.4
1988	1,064.0	290.4	773.7	498.8	151.7	115.1	879.6	252.9	626.7	399.8	124.8	92.3
1989	1,142.6	303.6	839.1	534.1	169.1	121.6	907.1	255.9	651.2	410.3	133.5	93.2
1990, est.	1,197.2	296.3	900.9	577.8	175.6	133.6	912.2	240.5	671.7	426.7	133.2	97.9
<b>PERCENT DISTRIBUTION</b>												
1970	100.0	41.8	58.2	33.1	7.4	12.3	100.0	44.3	55.7	29.9	6.8	12.0
1975	100.0	26.0	74.0	46.2	7.0	14.9	100.0	27.3	72.7	45.4	6.9	14.8
1980	100.0	22.7	77.3	47.0	8.9	15.5	100.0	23.5	76.5	46.4	8.9	15.1
1981	100.0	23.2	76.8	47.7	10.1	13.9	100.0	23.6	76.4	47.4	10.1	13.8
1982	100.0	24.8	75.1	47.8	11.4	11.8	100.0	24.8	75.1	47.8	11.4	11.8
1983	100.0	25.9	74.0	48.8	11.4	11.4	100.0	26.0	74.0	48.8	11.1	11.4
1984	100.0	26.7	73.3	46.9	13.0	11.4	100.0	26.8	73.2	46.7	13.0	11.4
1985	100.0	26.7	73.3	45.0	13.7	11.2	100.0	27.1	72.9	44.7	13.7	11.1
1986	100.0	27.6	72.4	39.7	13.7	11.4	100.0	28.1	71.9	45.0	13.7	11.2
1987	100.0	28.1	71.9	46.8	13.8	10.8	100.0	29.2	70.8	45.8	13.7	10.6
1988	100.0	27.3	72.7	46.9	14.3	10.8	100.0	28.8	71.2	45.5	14.1	10.5
1989	100.0	26.6	73.4	46.7	14.8	10.6	100.0	28.2	71.8	45.2	14.7	10.3
1990, est.	100.0	24.7	75.3	48.3	14.7	11.2	100.0	26.4	73.6	46.8	14.6	10.7
<b>PERCENT CHANGE</b>												
1970-1971	7.4	-3.5	15.2	24.3	3.2	16.8	-	-10.2	8.1	18.9	-2.0	9.2
1971-1972	9.8	0.4	15.4	15.5	4.3	22.3	3.6	-5.8	9.8	10.6	-1.2	15.6
1972-1973	6.5	-3.1	11.6	12.5	12.1	21.7	(-2)	-8.3	4.7	7.8	6.8	15.0
1973-1974	9.6	3.5	12.4	14.9	23.6	3.6	0.2	-6.7	3.7	5.9	14.5	-4.7
1974-1975	23.4	9.0	29.4	27.8	8.4	14.8	10.8	-2.1	16.7	16.4	-1.7	3.0
1975-1976	11.9	3.6	14.8	17.3	14.9	18.7	4.1	-3.9	7.0	9.7	6.4	10.5
1976-1977	10.1	8.5	10.6	9.0	11.9	15.8	2.1	0.5	2.7	1.3	3.7	7.7
1977-1978	12.1	7.5	13.6	7.5	18.6	13.9	4.8	0.5	6.1	0.4	10.8	6.0
1978-1979	9.8	11.3	9.8	10.4	20.2	6.3	1.2	2.6	0.8	1.6	10.7	-2.8
1979-1980	17.4	15.2	18.0	19.2	23.2	10.4	5.9	3.1	6.8	7.7	13.3	-0.8
1980-1981	14.8	17.6	14.0	16.5	30.9	3.6	3.9	4.5	3.8	6.0	18.9	-4.9
1981-1982	10.0	17.6	7.6	10.3	23.7	-6.9	2.6	8.1	0.9	3.6	15.3	-12.3
1982-1983	8.5	13.3	8.5	10.8	5.6	4.0	3.9	8.6	2.3	6.1	1.3	0.6
1983-1984	5.2	8.3	4.1	1.1	23.7	5.5	1.7	5.0	0.5	-2.6	19.3	1.6
1984-1985	11.1	11.1	11.1	6.5	16.5	8.5	7.7	8.6	7.3	3.0	12.9	4.1
1985-1986	4.6	8.2	13.4	15.6	5.1	6.1	2.1	5.9	0.6	2.8	2.2	2.9
1986-1987	1.4	3.1	0.8	4.5	1.9	-3.5	-0.7	2.8	-2.1	1.2	-0.8	-6.3
1987-1988	6.0	3.0	7.2	6.3	9.5	6.4	2.5	1.0	3.1	1.8	6.1	1.9
1988-1989	7.4	4.5	8.5	7.1	11.5	5.6	3.1	1.2	3.9	2.6	7.0	1.0
1989-1990, est.	4.8	-2.4	7.4	8.2	3.8	9.9	0.6	-6.0	3.1	4.0	-0.2	5.0

- Represents zero. Z Less than .05 percent. <sup>1</sup> Includes other outlays not shown separately. <sup>2</sup> Includes small grant-in-aid to State and local governments. <sup>3</sup> Total interest less interest received by trust funds. <sup>4</sup> Transition quarter, July-Sept.

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

**No. 511. Federal Trust Fund Receipts, Outlays, and Balances: 1989 to 1991**

[In billions of dollars. For fiscal year ending in year shown; see text, section 9. Receipts deposited. Outlays stated on a checks-issued basis, less refunds collected. Balances: That which have not been spent. See text, section 10 for discussion of the budget concept and trust funds]

DESCRIPTION	RECEIPTS			OUTLAYS			BALANCES <sup>1</sup>		
	1989	1990, est.	1991, est.	1989	1990, est.	1991, est.	1989	1990, est.	1991, est.
<b>Total . . . . .</b>	<b>509.8</b>	<b>542.3</b>	<b>587.1</b>	<b>386.3</b>	<b>416.6</b>	<b>434.1</b>	<b>690.9</b>	<b>817.8</b>	<b>970.1</b>
Total on-budget . . . . .	246.2	256.9	272.5	175.0	193.2	199.8	534.3	599.1	671.1
Airport and airway trust fund . . . . .	4.7	5.1	6.1	2.9	3.5	6.0	22.5	25.4	24.8
Federal employees retirement funds . . . . .	49.6	52.6	56.4	29.6	31.8	32.5	243.2	263.9	287.9
Foreign military sales trust fund . . . . .	8.2	8.8	8.3	8.4	9.0	8.6	4.7	4.5	4.2
Health insurance trust funds . . . . .	118.9	127.0	137.1	96.6	108.2	110.5	94.7	113.5	140.1
Highway trust funds . . . . .	16.9	16.3	16.6	14.5	14.9	15.1	16.7	18.0	19.5
Military trust funds . . . . .	34.0	33.5	35.0	20.2	21.5	22.1	65.2	77.2	90.1
Railroad retirement trust funds . . . . .	10.1	10.5	10.6	9.4	9.7	10.1	8.6	9.3	9.9
Unemployment trust funds . . . . .	25.5	26.2	25.4	18.7	19.5	20.0	45.1	51.8	57.2
Veterans life insurance trust funds . . . . .	1.4	1.5	1.4	1.1	1.2	1.2	12.1	12.4	12.6
Other trust funds <sup>2</sup> . . . . .	5.0	4.8	5.7	1.9	3.1	4.0	21.4	23.1	24.8
Intrafund receipts from on-budget . . . . .	(Z)	0.1	(Z)	(Z)	-0.1	(Z)	-	-	-
Intrafund receipts from off-budget . . . . .	2.9	-3.0	3.2	-2.9	3.0	-3.2	-	-	-
Interfund from off-budget . . . . .	-3.8	4.1	-5.1	3.8	-4.1	5.1	-	-	-
Proprietary receipts from the public . . . . .	21.4	-22.0	21.9	-21.4	22.0	-21.9	-	-	-
Total, off-budget (social security) . . . . .	263.7	285.4	314.5	211.2	223.4	234.2	156.7	218.7	299.0
Social security trust funds:									
Cash income and outgo . . . . .	286.1	311.4	345.3	233.6	249.4	265.0	156.7	218.7	299.0
Interfund receipts from on-budget . . . . .	22.4	-26.0	30.8	-22.4	26.0	-30.8	-	-	-

- Represents zero. Z Less than \$50 million. <sup>1</sup> Balances available on a cash basis (rather than an authorization basis) at the end of the year. Balances are primarily invested in Federal debt securities. <sup>2</sup> Outlays include the Federal Deposit Insurance Corporation (FDIC) through August 8, 1989. Effective August 9, 1989, the permanent insurance fund of the FDIC was classified under law as a Federal fund.

**No. 512. Executive Controllability of Federal Budget Outlays: 1970 to 1989**

[In billions of dollars, except percent. For fiscal years ending in year shown; see text, section 9. Outlays considered relatively uncontrollable are those which can neither be increased nor decreased by Presidential decisions without a change in existing Federal laws or are beyond administrative control. This table is based on a Presidential perspective]

OUTLAYS	1970	1975	1980	1984	1985	1986	1987	1988	1989, est.
<b>Total outlays . . . . .</b>	<b>195.6</b>	<b>332.3</b>	<b>590.9</b>	<b>851.8</b>	<b>946.3</b>	<b>989.8</b>	<b>1,004.6</b>	<b>1,064.0</b>	<b>1,137.0</b>
<b>Relatively uncontrollable outlays . . . . .</b>	<b>120.3</b>	<b>222.2</b>	<b>413.8</b>	<b>624.1</b>	<b>689.4</b>	<b>745.4</b>	<b>769.3</b>	<b>807.4</b>	<b>865.1</b>
Percent of total outlays . . . . .	61.5	66.9	70.0	73.3	72.9	75.3	76.6	75.9	76.1
Open-ended programs and fixed costs <sup>1</sup> . . . . .	78.3	168.9	310.7	478.8	527.2	564.1	584.0	620.6	668.2
Payments for individuals . . . . .	60.1	139.5	246.6	357.4	380.5	402.6	421.7	448.0	481.5
Social Security and railroad retirement . . . . .	30.7	67.3	120.0	179.3	189.9	199.9	208.6	220.3	233.7
Medical care . . . . .	9.4	20.6	47.2	79.9	91.0	97.8	105.9	114.7	128.7
Federal employees' retirement and insurance <sup>2</sup> . . . . .	8.7	18.4	34.7	49.0	49.8	52.9	55.2	59.3	60.9
Food and nutrition assistance . . . . .	(X)	1.6	3.5	3.6	3.7	3.8	4.1	4.3	4.7
Public assistance and related programs . . . . .	6.4	12.2	17.5	21.0	22.2	24.5	25.7	28.8	31.2
Unemployment assistance . . . . .	3.1	12.8	16.8	16.9	16.1	16.3	15.7	13.8	14.3
Net interest . . . . .	14.4	23.2	52.5	111.1	129.4	136.0	138.6	151.7	165.7
Farm price supports <sup>3</sup> . . . . .	3.8	0.6	2.8	7.3	17.7	25.8	22.4	12.2	13.9
Prior-year contracts and obligations <sup>4</sup> . . . . .	41.9	53.3	103.2	145.3	162.2	181.3	185.3	186.8	196.9
<b>Relatively controllable outlays . . . . .</b>	<b>83.8</b>	<b>113.2</b>	<b>178.7</b>	<b>243.0</b>	<b>284.1</b>	<b>272.7</b>	<b>265.9</b>	<b>290.1</b>	<b>306.3</b>
National defense . . . . .	57.6	64.2	97.4	147.8	160.5	165.4	169.1	174.8	181.9
Civilian programs . . . . .	26.3	49.1	81.3	95.2	123.6	107.3	96.8	115.3	124.4
Undistributed employer share, employee retirement . . . . .	8.4	-11.2	15.8	-25.3	-27.2	-28.3	-30.6	-33.4	-34.3

X Not applicable. <sup>1</sup> Includes other outlays not shown separately. <sup>2</sup> Includes items previously classified in the veterans' benefits grouping. <sup>3</sup> Prices from Commodity Credit Corporation. <sup>4</sup> Excludes prior year contracts and obligations for items under open-ended programs and fixed costs.

Source of tables 511 and 512: U.S. Office of Management and Budget, *Budget of the United States Government*, annual.

### No. 513. Revenue Losses—Estimates for Selected "Tax Expenditures", by Function: 1985 to 1990

[In millions of dollars. For years ending, Sept. 30, except as noted. Tax expenditures are defined as "revenue losses attributable to provisions of the Federal tax laws which allow a special exclusion, exemption, or deduction from gross income or which provide a special credit, a preferential rate of tax, or a deferral of liability." Represents tax expenditures of \$1 billion or more in 1990]

DESCRIPTION	1985	1987	1988	1989	1990, est.
<b>National defense:</b>					
Exclusion of benefits and allowances to Armed Forces personnel	1,955	2,000	1,890	1,900	1,965
<b>International affairs:</b>					
Exclusion of income earned abroad by United States citizens	1,405	1,330	1,220	1,155	1,205
Inventory property sales source rules exception	(X)	1,845	2,625	2,000	2,200
<b>Natural resources and environment:</b>					
Exclusion of interest on state and local IDB <sup>1</sup> for pollution control and sewage and waste disposal facilities	1,250	1,715	1,635	1,575	1,515
<b>Commerce and housing credit:</b>					
Exclusion of interest on—					
Small issue IDB	475	2,925	2,705	2,600	2,445
Life insurance savings	2,175	5,425	5,410	6,230	6,920
State and local housing bonds for owner-occupied housing	1,886	2,010	1,765	1,895	1,775
State and local debt for rental housing	755	1,385	1,235	1,220	1,150
Exclusion of capital gains on home sales for persons age 55 and over	830	2,160	2,940	3,190	3,230
Deductibility of—					
Interest on consumer credit	15,530	11,845	6,530	3,945	2,080
Mortgage interest on owner-occupied homes	24,785	34,745	33,675	34,190	39,785
Property tax on owner-occupied homes	9,315	10,265	10,100	10,065	11,240
Carryover basis of capital gains at death	4,355	5,710	11,540	12,310	13,375
Investment credit, other than ESOP <sup>2</sup>	24,445	13,305	9,150	6,655	4,520
Accelerated depreciation of machinery and equip. <sup>3</sup>	20,145	13,280	23,700	28,805	23,525
Reduced rates on the first \$100,000 of corporate incomes:					
Pre-1983 budget method	5,015	3,710	2,815	2,875	3,235
Exception from passive loss rules for \$25,000 rental losses	(X)	350	1,145	4,210	5,475
<b>Education:</b>					
Deductibility of—					
Charitable contributions (education)	1,345	1,720	1,565	1,570	1,720
Other charitable contributions other than education	10,175	12,095	10,515	10,590	11,730
Credit for child and dependent care expenses	2,700	3,475	3,390	3,710	3,895
<b>Health:</b>					
Exclusion of employer contributions for medical insurance premiums and medical care	21,095	24,550	24,690	26,550	29,820
Deductibility of medical expenses	3,620	3,150	1,960	2,690	2,860
Exclusion of interest on State and local debt for private nonprofit health facilities	1,405	2,570	2,230	2,430	2,370
Deductibility of charitable contributions (health)	1,615	1,570	1,405	1,415	1,555
<b>Social Security and medicare:</b>					
Exclusion of Social Security benefits:					
Disability insurance benefits	1,170	1,170	1,095	1,105	1,145
OASI benefits for retired workers	12,955	14,285	13,425	14,840	15,680
Benefits for dependents and survivors	3,755	3,025	2,840	2,940	3,110
<b>Income security:</b>					
Exclusion of workmen's compensation benefits	2,225	2,740	2,910	2,760	2,980
Net exclusion of pension contributions and earnings:					
Employer plans	48,525	45,335	44,180	42,805	45,085
Individual Retirement Accounts	12,695	13,890	8,820	5,440	5,960
Keoghs	1,960	2,355	1,655	1,325	1,470
Exclusion of other employee benefits:					
Premiums on group term life insurance	2,055	1,940	1,940	2,460	2,565
Additional deduction for the elderly <sup>4</sup>	(X)	1,630	1,535	1,260	1,505
<b>Veterans benefits and services:</b>					
Exclusion of veterans disability compensation	1,695	1,615	1,505	1,490	1,500
<b>General purpose fiscal assistance:</b>					
Exclusion of interest on public purpose State and local debt	8,060	10,880	10,350	11,110	11,290
Deductibility of nonbusiness State and local taxes other than on owner-occupied homes	21,455	22,480	17,250	18,495	20,290
Tax credit for corporations receiving income from doing business in United States possessions	1,660	1,895	1,810	1,910	2,100

X Not applicable. <sup>1</sup> Industrial development bonds. <sup>2</sup> Employee stock ownership plans. Includes investment credit for rehabilitation of structures, energy property, and reforestation expenditures. <sup>3</sup> Pre-1983 budget method. <sup>4</sup> Data on calendar year basis.

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

**No. 514. Federal Budget Outlays, by Agency: 1980 to 1990**

[In billions of dollars. For fiscal year ending in year shown; see text, section 9]

DEPARTMENT OR OTHER UNIT	1980	1983	1984	1985	1986	1987	1988	1989	1990, est.
<b>Total</b>	<b>590.9</b>	<b>808.3</b>	<b>851.8</b>	<b>946.3</b>	<b>990.3</b>	<b>1,003.8</b>	<b>1,064.0</b>	<b>1,142.6</b>	<b>1,197.2</b>
Legislative branch	1.2	1.4	1.6	1.6	1.7	1.8	1.9	2.1	2.3
The Judiciary	0.6	0.8	0.9	1.0	1.1	1.2	1.3	1.5	1.7
Funds appropriated to President <sup>1</sup>	8.5	7.9	10.8	11.9	11.0	10.4	7.3	4.3	9.2
Departments:									
Agriculture	34.8	52.4	42.0	55.5	58.7	49.6	44.0	48.3	48.2
Commerce	3.1	1.9	1.9	2.1	2.1	2.1	2.3	2.6	3.9
Defense	146.1	223.3	240.5	263.9	285.7	294.7	304.0	318.3	311.5
Education	14.8	14.6	15.5	16.7	17.7	16.8	18.2	21.6	22.3
Energy	6.5	10.6	11.0	10.6	11.0	10.7	11.2	11.4	12.3
Health and Human Services	194.2	276.7	292.2	315.5	333.9	351.3	373.6	399.8	435.8
Housing and Urban Development	12.7	15.8	16.7	28.7	14.1	15.5	18.9	19.7	22.8
Interior	4.5	4.6	4.9	4.8	4.8	5.1	5.1	5.2	5.8
Justice	2.6	2.8	3.2	3.6	3.8	4.3	5.4	6.2	6.9
Labor <sup>2</sup>	29.7	38.1	24.5	23.9	24.1	23.5	21.9	22.7	24.9
State	1.9	2.3	2.4	2.6	2.9	2.8	3.4	3.7	3.8
Transportation	19.8	20.6	23.0	25.0	27.4	25.4	26.4	26.6	28.3
Treasury	76.5	116.4	141.0	160.9	179.2	180.3	202.4	230.6	247.2
Veterans Affairs	21.1	24.8	25.6	26.3	26.5	27.0	29.3	30.0	28.7
Independent agencies:									
Environmental Protection Agency	5.6	4.3	4.1	4.5	4.9	4.9	4.9	4.9	5.5
General Services Administration	0.2	0.1	0.1	(-2)	0.4	0.1	-0.3	-0.5	0.3
NASA <sup>3</sup>	5.0	6.9	7.1	7.3	7.4	7.6	9.1	11.0	12.0
Office of Personnel Management	15.1	21.3	22.6	23.7	24.0	27.0	29.2	29.1	33.2
Small Business Administration	2.0	0.7	0.5	0.7	0.6	-0.1	-0.1	0.1	1.1
Other independent agencies	16.1	11.2	11.9	10.0	12.2	14.3	23.4	32.5	26.6
Undistributed offsetting receipts	-32.0	-51.1	-52.3	-58.7	-65.0	-72.3	78.9	-89.2	-97.3

Z Less than \$50 million. <sup>1</sup> Represents international affairs funds mainly. <sup>2</sup> Includes Pension Benefit Guaranty Corporation. <sup>3</sup> National Aeronautics and Space Administration.

Source: U.S. Office of Management and Budget, *Budget of the United States Government*, annual.**No. 515. Federal Securities—Interest Bearing Debt by Type and Debt Holder: 1970 to 1990**

[In billions of dollars. As of end of fiscal year; see text, section 9. The Export-Import Bank was moved within the budget effective October 1, 1976. Adjustments are made to include totals for the period it was outside the budget (1970-76). Also adjustments are made to reflect certain Export-Import Bank borrowing now classified as agency debt]

YEAR	Federal securities, total <sup>1</sup>	Interest-bearing debt, total	TYPE							DEBT HOLDER		
			Marketable				Nonmarketable			U.S. Govt. account	Federal reserve banks <sup>3</sup>	Private investors
			Total	Bills	Notes	Treasury bonds	Total <sup>1</sup>	U.S. savings bonds	Govt. account series <sup>2</sup>			
1970	383	369	233	76	94	63	136	51	76	95	58	216
1975	544	532	316	129	150	37	217	65	124	145	85	302
1980	914	906	595	200	311	84	312	73	190	198	121	588
1985	1,827	1,821	1,360	384	776	200	461	77	314	317	170	1,335
1988	2,615	2,600	1,803	398	1,090	300	797	106	536	550	229	1,820
1989	2,881	2,836	1,893	407	1,133	338	944	114	664	677	221	1,939
1990	3,266	3,211	2,093	482	1,218	377	1,118	122	779	796	233	2,183

<sup>1</sup> Includes items not shown separately. <sup>2</sup> 1970 known as U.S. Treasury special issues. <sup>3</sup> Public Issues.

Source: U.S. Dept. of the Treasury, *Treasury Bulletin*, quarterly.**No. 516. Interest—Bearing Government Securities Outstanding: 1970 to 1989**

[In billions of dollars, except percent. As of end of fiscal year; see text, section 9. Par values, except U.S. savings bonds series, E, F, J, and U.S. savings notes, which are included at current redemption values]

TYPE OF SECURITY	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
State and local govts. <sup>1</sup>	139	213	334	360	394	442	488	554	649	705	735	(NA)
Taxable	306	419	723	802	936	1,146	1,304	1,511	1,761	1,911	2,076	(NA)
Government account series	76	124	190	201	210	235	260	314	366	441	536	664
By issuer:												
U.S. Treasury	369	532	906	996	1,141	1,376	1,560	1,821	2,123	2,348	2,600	2,836
Agency securities	13	11	7	6	5	5	4	4	4	4	12	23
State and local govts. <sup>1</sup>	139	213	334	360	394	442	488	554	649	705	735	(NA)

NA Not available. <sup>1</sup> Source: Board of Governors, Federal Reserve System, unpublished data. Includes some partially taxable debt. <sup>2</sup> Interest is subject to both normal and surtax rates of Federal income tax. <sup>3</sup> Prior to July 1, 1974, known as U.S. Treasury special issues.

Source: Except as noted, U.S. Dept. of the Treasury, through 1980, *Statistical Appendix to the Annual Report of the Secretary of the Treasury on the State of the Finances*; thereafter, *Treasury Bulletin*, quarterly.

## No. 517. Federal Participation in Domestic Credit Markets: 1980 to 1989

[In billions of dollars, except percent. See headnote, table 518. Federal credit programs are primarily in three forms: direct loans from the Federal government, Federal guarantees of private lending, and lending by privately owned Government-sponsored enterprises]

TYPE OF PARTICIPATION	1980	1982	1983	1984	1985	1986	1987	1988	1989
<b>Total funds loaned in U.S. credit markets, excluding equities</b>	<b>329.8</b>	<b>385.2</b>	<b>492.5</b>	<b>684.4</b>	<b>741.1</b>	<b>878.6</b>	<b>748.0</b>	<b>789.4</b>	<b>724.0</b>
Federal and federally assisted lending	79.9	87.6	86.5	79.5	110.3	129.1	149.2	109.4	128.6
Federal participation rate (percent)	24.2	22.7	17.6	11.6	14.9	14.7	20.5	14.2	17.8
Direct loans	24.2	23.4	15.3	8.3	28.0	11.2	-19.0	-13.4	-14.6
Guaranteed loans	31.6	20.9	34.1	20.1	21.6	34.6	60.4	40.3	41.7
Government-sponsored enterprise loans	24.1	43.3	37.1	53.1	60.7	83.3	107.8	82.5	101.5
<b>Total funds borrowed in U.S. credit markets<sup>1</sup></b>	<b>329.8</b>	<b>385.2</b>	<b>509.8</b>	<b>684.4</b>	<b>741.1</b>	<b>878.6</b>	<b>748.0</b>	<b>789.4</b>	<b>724.0</b>
Federal and federally assisted borrowing	122.5	198.9	279.9	244.5	278.9	374.5	324.0	289.3	304.0
Federal participation rate (percent)	37.2	51.6	56.8	35.7	37.6	42.6	43.3	37.6	42.0
Federal borrowing from public	69.5	134.4	211.8	168.9	199.4	236.8	152.0	162.1	139.1
Borrowing for guaranteed loans	31.6	20.9	34.1	20.1	21.6	34.6	60.4	40.3	41.7
Government-sponsored enterprise borrowing	21.4	43.6	34.0	55.5	57.9	103.2	111.7	86.9	123.2

<sup>1</sup>Funds loaned to and borrowed by nonfinancial sectors, excluding equities.

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

## No. 518. Federal Direct and Guaranteed Loans: 1970 to 1989

[As of end of fiscal year; see text, section 9. Government guaranteed loans (loans for which the government guarantees payment of principal or interest in whole or part) are not included in Federal budget outlays. They constitute contingent liabilities not resulting in outlays, except in event of default. Government direct loans are made by both on-budget and off-budget Federal agencies. See headnote, table 517]

YEAR	AMOUNT (bil.dol.)						PERCENT CHANGE			
	Direct loans <sup>1</sup>			Guaranteed loans <sup>2</sup>			Direct loans <sup>1</sup>		Guaranteed loans <sup>2</sup>	
	Gross (new) loans disbursed	Net loan outlays	Direct loans outstanding	Pri- mary <sup>3</sup>	Net loans	Guaranteed loans outstanding	Gross (new) loans disbursed	Direct loans outstanding	Pri- mary	Guaranteed loans outstanding
1970	12.4	3.0	51.1	27.5	8.4	125.1	-27.1	9.0	8.7	6.3
1975	28.8	12.8	74.1	31.2	8.7	198.3	82.3	20.5	-2.5	4.5
1977	35.4	11.5	100.7	43.9	14.0	224.0	2.6	17.2	37.6	6.6
1978	48.6	19.8	120.5	48.5	13.4	237.9	37.3	19.7	10.5	6.2
1979	49.2	19.6	140.5	60.5	25.2	264.6	1.2	16.6	24.7	11.2
1980	49.3	24.2	163.9	66.2	31.6	298.5	0.2	16.7	9.4	12.8
1981	55.9	26.1	185.0	60.2	28.0	309.1	13.4	12.9	-9.1	3.6
1982	37.1	23.4	207.8	59.6	20.9	331.2	-33.6	12.3	-1.0	7.1
1983	43.8	15.3	223.0	78.0	34.1	363.8	18.1	7.3	30.9	9.8
1984	41.4	6.3	229.3	73.3	20.1	386.7	-5.5	2.8	-6.0	6.3
1985	64.4	28.0	257.4	55.5	21.6	410.4	55.6	12.3	-24.3	6.1
1986	42.2	11.2	251.6	89.6	34.6	449.8	-34.5	-2.3	61.4	9.6
1987	35.2	-19.0	234.2	151.7	60.4	507.0	-16.6	-6.9	69.3	12.7
1988	33.7	-13.4	222.0	96.4	40.3	550.0	-4.3	-5.2	-6.0	8.5
1989, est.	26.0	-14.6	207.0	96.3	41.7	588.6	-23.1	-5.7	-0.9	6.7

<sup>1</sup> Includes loans from "off-budget" Government accounts. <sup>2</sup> Includes capital subscriptions to intern guaranteed loans held as direct loans are excluded. <sup>3</sup> Gross loans guarantees minus both secondary guaranteed loans, and guaranteed loans held as direct loans by the Government—by either on- or off-budget accounts.

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

## No. 519. U.S. Savings: 1970 to 1989

[In billions of dollars, except percent. As of end of fiscal year; see text, section 9. See *Historical Statistics, Colonial Times to 1970*, series Y 500, for similar but not exactly comparable data]

ITEM	1970	1975	1980	1982	1983	1984	1985	1986	1987	1988	1989
Amounts outstanding, total <sup>1</sup>	51.8	65.5	72.7	67.5	70.3	73.1	77.3	85.8	97.3	106.5	114.3
Funds from sales	4.7	6.8	4.8	3.1	4.0	3.9	5.0	8.3	10.3	7.3	7.7
Accrued discounts	1.0	3.3	4.2	4.9	5.0	5.3	5.2	5.6	6.1	7.9	7.5
Redemptions <sup>2</sup>	6.3	6.5	16.7	8.7	6.1	6.1	5.7	5.1	4.9	5.9	7.3
Percent of total outstanding	12.2	10.0	23.0	12.9	8.7	8.3	7.4	6.0	5.1	5.6	6.3

<sup>1</sup> Interest-bearing debt only for amounts and end of period or end of year. <sup>2</sup> Matured and unmatured bonds.

Source: U.S. Dept. of the Treasury, *Treasury Bulletin*, quarterly.

## No. 520. Federal Funds—Summary Distribution, by State: 1989

[In millions of dollars, except as indicated. For year ending Sept. 30. Data for grants, salaries and wages and direct payments to individuals are on an expenditures basis; procurement is on obligation basis. Minus sign (-) indicates decrease.]

REGION, DIVISION, AND STATE	FEDERAL FUNDS			Defense	Non-defense	Direct payments to individuals	Procurement	Grants to State and local governments	Salaries and wages
	Total <sup>1</sup>	Percent change 1988-1989	Per capita <sup>2</sup> (dol.)						
<b>United States . . . . .</b>	<b>905,052</b>	<b>6.5</b>	<b>3,594</b>	<b>212,189</b>	<b>692,865</b>	<b>448,936</b>	<b>159,338</b>	<b>117,831</b>	<b>141,199</b>
<b>Northeast . . . . .</b>	<b>190,846</b>	<b>8.8</b>	<b>7,990</b>	<b>38,711</b>	<b>152,134</b>	<b>99,774</b>	<b>34,470</b>	<b>31,258</b>	<b>20,130</b>
New England . . . . .	58,061	13.4	4,450	20,027	38,033	24,668	18,176	7,598	5,681
Maine . . . . .	4,760	18.3	3,896	1,486	3,274	2,324	1,150	688	537
New Hampshire . . . . .	3,414	6.8	3,084	1,005	2,409	1,745	517	411	668
Vermont . . . . .	1,728	11.5	3,048	241	1,487	937	189	356	195
Massachusetts . . . . .	28,558	13.9	4,830	9,776	18,781	11,797	9,438	3,688	2,547
Rhode Island . . . . .	3,881	6.8	3,818	797	3,014	2,073	441	684	529
Connecticut . . . . .	15,790	14.7	4,875	6,722	9,068	5,792	6,443	1,771	1,205
<b>Middle Atlantic . . . . .</b>	<b>132,785</b>	<b>6.9</b>	<b>3,520</b>	<b>18,684</b>	<b>114,101</b>	<b>75,106</b>	<b>16,294</b>	<b>23,660</b>	<b>14,449</b>
New York . . . . .	64,496	6.3	3,593	8,315	56,181	34,112	8,522	13,700	6,295
New Jersey . . . . .	25,892	7.9	3,347	5,097	20,795	14,703	3,950	3,570	3,323
Pennsylvania . . . . .	42,397	7.2	3,521	5,272	37,125	26,291	3,822	6,390	4,831
<b>Midwest . . . . .</b>	<b>195,508</b>	<b>7.0</b>	<b>6,835</b>	<b>30,393</b>	<b>165,115</b>	<b>107,382</b>	<b>25,258</b>	<b>26,933</b>	<b>21,504</b>
East North Central . . . . .	127,162	8.6	3,006	16,271	110,891	75,338	13,937	18,934	13,312
Ohio . . . . .	36,091	7.7	3,309	6,937	29,154	19,928	6,675	4,965	3,682
Indiana . . . . .	15,910	7.5	2,845	2,680	13,220	9,272	1,811	2,115	1,711
Illinois . . . . .	34,712	8.7	2,978	3,040	31,672	20,710	2,445	4,989	4,493
Michigan . . . . .	25,973	9.9	2,801	2,124	23,849	16,829	1,521	4,553	2,304
Wisconsin . . . . .	14,476	10.3	2,974	1,480	12,996	8,599	1,385	2,312	1,122
<b>West North Central . . . . .</b>	<b>68,346</b>	<b>4.2</b>	<b>3,829</b>	<b>14,122</b>	<b>54,224</b>	<b>32,044</b>	<b>11,321</b>	<b>7,999</b>	<b>8,192</b>
Minnesota . . . . .	14,433	4.3	3,316	2,009	12,424	6,870	1,872	2,269	1,230
Iowa . . . . .	9,809	1.2	3,454	621	9,188	5,240	608	1,183	692
Missouri . . . . .	23,335	8.2	4,523	7,799	15,535	9,847	7,151	2,031	2,800
North Dakota . . . . .	3,033	5.3	4,595	451	2,582	1,165	166	431	506
South Dakota . . . . .	2,890	7.4	4,042	318	2,572	1,287	134	464	466
Nebraska . . . . .	5,770	-2.8	3,582	846	4,924	2,908	334	709	900
Kansas . . . . .	9,076	0.9	3,612	2,078	6,999	4,727	1,056	912	1,598
<b>South . . . . .</b>	<b>319,734</b>	<b>5.2</b>	<b>10,882</b>	<b>81,178</b>	<b>238,559</b>	<b>134,287</b>	<b>50,687</b>	<b>36,466</b>	<b>65,399</b>
South Atlantic . . . . .	177,737	2.9	4,122	47,785	129,956	83,398	27,606	18,200	42,563
Delaware . . . . .	2,105	0.8	3,128	408	1,698	1,182	207	313	362
Maryland . . . . .	24,380	2.7	5,194	6,734	17,646	9,011	5,575	2,156	5,753
District of Columbia . . . . .	15,214	-0.3	25,190	2,067	13,148	1,853	2,262	1,523	8,531
Virginia . . . . .	32,063	-10.2	5,258	15,119	16,944	11,516	7,384	2,119	9,875
West Virginia . . . . .	6,111	4.3	3,291	344	5,767	4,158	339	952	558
North Carolina . . . . .	18,855	6.3	3,869	4,542	14,313	10,473	1,443	2,498	3,917
South Carolina . . . . .	11,982	9.6	3,412	3,136	8,846	5,633	2,151	1,455	2,532
Georgia . . . . .	20,347	10.3	3,161	5,596	14,751	9,862	2,044	3,089	4,846
Florida . . . . .	46,680	8.6	3,684	9,839	36,842	29,710	6,201	4,095	6,089
<b>East South Central . . . . .</b>	<b>53,878</b>	<b>6.4</b>	<b>3,497</b>	<b>10,368</b>	<b>43,510</b>	<b>28,172</b>	<b>8,303</b>	<b>7,374</b>	<b>8,571</b>
Kentucky . . . . .	12,359	15.7	3,316	2,086	10,274	6,667	1,185	1,853	2,333
Tennessee . . . . .	16,660	6.1	3,373	1,985	14,675	8,679	3,023	2,353	2,248
Alabama . . . . .	15,056	4.9	3,656	3,505	11,550	7,895	2,230	1,802	2,750
Mississippi . . . . .	9,803	-0.9	3,740	2,792	7,011	4,931	1,865	1,366	1,240
<b>West South Central . . . . .</b>	<b>88,119</b>	<b>9.6</b>	<b>3,263</b>	<b>23,025</b>	<b>65,093</b>	<b>22,717</b>	<b>14,778</b>	<b>10,892</b>	<b>14,265</b>
Arkansas . . . . .	7,827	4.6	3,253	1,031	6,797	4,860	463	1,106	872
Louisiana . . . . .	14,423	13.7	3,291	3,273	11,149	7,137	2,541	2,304	1,894
Oklahoma . . . . .	11,120	3.3	3,449	2,464	8,656	6,027	800	1,508	2,302
Texas . . . . .	54,749	10.6	3,222	16,257	38,491	26,243	10,974	5,974	9,197
<b>West . . . . .</b>	<b>198,963</b>	<b>6.1</b>	<b>7,789</b>	<b>61,906</b>	<b>137,050</b>	<b>107,493</b>	<b>46,926</b>	<b>23,173</b>	<b>34,885</b>
Mountain . . . . .	54,161	6.1	4,007	14,499	39,664	44,267	13,819	6,326	9,244
Montana . . . . .	3,262	11.4	4,047	293	2,969	1,505	149	559	486
Idaho . . . . .	3,688	8.3	3,637	372	3,317	1,664	890	501	480
Wyoming . . . . .	1,666	2.5	3,508	233	1,433	707	114	484	300
Colorado . . . . .	13,983	7.8	4,216	4,960	9,024	5,259	3,945	1,359	2,837
New Mexico . . . . .	8,096	-6.8	5,298	1,586	6,510	2,663	3,084	907	1,282
Arizona . . . . .	13,381	9.3	3,763	4,330	9,051	6,694	3,187	1,305	1,920
Utah . . . . .	6,191	7.7	3,627	1,968	4,223	2,295	1,512	822	1,343
Nevada . . . . .	3,894	13.6	3,505	757	3,137	1,830	938	389	596
<b>Pacific . . . . .</b>	<b>144,802</b>	<b>6.1</b>	<b>3,782</b>	<b>47,407</b>	<b>97,396</b>	<b>63,226</b>	<b>35,107</b>	<b>16,847</b>	<b>25,641</b>
Washington . . . . .	19,225	5.0	4,038	5,950	13,275	8,620	4,114	2,294	3,565
Oregon . . . . .	8,563	3.9	3,036	570	7,993	5,440	334	1,426	1,050
California . . . . .	108,611	6.1	3,737	36,717	71,894	46,729	29,427	11,936	17,604
Alaska . . . . .	2,993	12.4	5,680	1,350	1,643	553	619	663	1,137
Hawaii . . . . .	5,410	9.1	4,866	2,820	2,591	1,884	603	528	2,285
Undistributed . . . . .	19,107	-30.2	(X)	12,678	6,428	758	17,834	366	128

X Not applicable. <sup>1</sup> Includes other programs not shown separately. <sup>2</sup> Based on Bureau of the Census estimated resident population as of July 1.

Source: U.S. Bureau of the Census, *Federal Expenditures by State for Fiscal Year*, annual.



## No. 521. Tax Returns Filed—Examination Coverage: 1970 to 1989

[In thousands, except as indicated. Identification of returns with either schedule C (nonfarm sale proprietorships) or schedule F (farm proprietorships) for audit examination purposes was based in the largest source of income on the return and certain other characteristics. Therefore, the number with schedule C is not comparable to the number of non-farm sale proprietorships returns in table 863]

YEAR AND ITEM	Returns filed <sup>1</sup>	RETURNS EXAMINED					AVERAGE TAX AND PENALTY—DOLLARS PER RETURN		
		Total	Percent of returns filed	By—			Revenue agents	Tax auditors	Service centers
				Revenue agents	Tax auditors	Service centers			
INDIVIDUAL RETURNS									
1970	76,431	1,672	2.2	(NA)	(NA)	-	(NA)	(NA)	-
1975	81,272	1,839	2.3	355.2	1,483.4	-	2,609	219	-
1980	90,727	1,834	2.0	292.5	1,346.3	195.1	1,335	602	39
1984	95,541	1,216	1.3	276.2	859.4	80.4	11,584	1,314	692
1985	96,487	1,266	1.3	332.6	810.9	122.1	10,854	1,539	496
1986	99,529	1,091	1.1	298.9	732.5	59.6	14,052	1,945	862
1987	101,751	1,109	1.1	317.5	810.4	181.3	12,235	2,107	4,084
1988	103,251	1,061	1.0	352.8	532.3	175.7	9,750	2,190	4,195
1989, total	107,029	985	0.9	243.0	542.7	199.0	11,347	1,827	2,393
1040A, income under \$25,000	32,887	209	0.6	20.3	150.6	37.8	13,815	1,374	729
Non 1040A, income:									
Under \$25,000	29,112	157	0.5	23.3	93.7	39.7	4,240	1,000	678
\$25,000 - \$49,999, simple	25,767	257	1.0	46.4	174.1	36.6	4,170	1,473	1,018
\$50,000 - \$99,999, complex	10,030	102	1.0	29.0	44.2	28.5	9,099	2,203	3,432
\$100,000 and over	2,193	120	5.5	42.1	33.7	45.0	21,695	5,180	5,393
Schedule C-TGR:									
Under \$25,000	2,135	28	1.3	13.1	14.1	0.9	4,699	2,243	804
\$25,000 - \$99,999	2,596	50	1.9	26.4	20.2	3.3	7,195	35,491	2,793
\$100,000 and over	1,381	52	3.8	37.5	8.5	6.3	18,430	6,778	5,142
Schedule F-TGR:									
Under \$100,000	665	6	0.9	1.9	3.6	0.3	5,345	957	420
\$100,000 and over	263	5	1.7	2.9	1.1	0.5	18,144	2,252	2,486
1989—OTHER RETURNS									
Fiduciary	2,689	3	0.1	3.2	-	-	32,827	-	-
Partnerships	1,704	12	0.7	12.3	-	-	-	-	-
Corporations, total	2,775	56	2.0	56.2	-	-	229,985	-	-
Estate, total	52	13	24.0	12.5	-	-	60,346	-	-
Gift	104	1	1.2	1.3	-	-	321,288	-	-
Excise	960	35	0.9	34.6	-	-	7,449	-	-
Employment	28,335	35	3.5	33.5	1.4	-	8,337	678	-
Windfall profit	3	1	0.1	1.1	-	-	2,070,588	-	-
Miscellaneous	-	1	44.9	0.8	-	-	6,948	-	-
Service center corrections	-	-	-	-	-	411.5	-	-	1,349

- Represents zero. NA Not available. <sup>1</sup> Returns filed in previous calendar year. <sup>2</sup> Income from positive sources only. <sup>3</sup> Total gross receipts.

Source: U.S. Internal Revenue Service, *Annual Report of the Commissioner and Chief Counsel of the Internal Revenue Service*.

## No. 522. Internal Revenue Gross Collections, by Source: 1970 to 1989

[For fiscal year ending in year shown; see text section 9. See also *Historical Statistics, Colonial Times to 1970*, series Y 358-373]

SOURCE OF REVENUE	COLLECTIONS (bil. dol.)								PERCENT OF TOTAL			
	1970	1975	1980	1985	1986	1987	1988	1989	1970	1980	1985	1989
<b>All taxes</b>	<b>195.8</b>	<b>293.8</b>	<b>519.4</b>	<b>742.9</b>	<b>782.3</b>	<b>886.3</b>	<b>935.1</b>	<b>1,013.5</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Individual income taxes	103.7	156.4	287.5	396.7	416.9	465.4	473.7	515.7	53.0	54.9	53.4	50.9
Withheld by employers	77.4	122.1	223.8	299.0	314.8	322.5	341.5	361.4	39.5	43.1	40.2	35.7
Employment taxes	37.4	70.1	128.3	225.2	243.9	277.0	318.0	345.6	19.1	24.7	30.2	34.1
Old-age and disability insurance	35.7	67.1	122.5	215.6	234.9	268.6	307.6	336.8	18.2	23.6	29.0	33.2
Unemployment insurance	0.8	1.4	3.3	5.7	5.3	6.2	6.2	4.7	0.4	0.6	0.8	0.5
Corporation income taxes	35.0	45.7	72.4	77.4	80.4	102.8	109.7	117.0	17.9	13.9	10.4	11.5
Estate and gift taxes	3.7	4.7	6.5	6.6	7.2	7.7	7.8	9.0	1.9	1.3	0.9	0.9
Excise taxes	15.9	16.8	24.6	37.0	33.7	33.3	25.9	26.0	8.1	4.7	5.0	2.6
Alcohol and tobacco	6.8	7.7	8.1	9.9	10.2	10.4	10.3	10.1	3.5	1.6	1.3	1.0
Manufactures	6.7	5.5	6.5	10.0	9.9	10.2	10.6	11.2	3.4	1.3	1.3	1.1
Windfall profits tax	(X)	(X)	3.1	5.1	8.9	(Z)	(Z)	(Z)	(X)	0.6	0.7	(Z)
Other	2.4	3.7	6.9	12.0	4.7	12.0	5.0	4.7	1.2	1.3	1.6	0.5

X Not applicable. Z Less than \$50 million or .05 percent. <sup>1</sup> Includes railroad retirement, not shown separately.

Source: U.S. Internal Revenue Service, *Annual Report of the Commissioner and Chief Counsel of the Internal Revenue Service*.

# No. 523. Federal Individual Income Tax Returns With Adjusted Gross Income (AGI)—Summary: 1980 to 1988

[Includes Puerto Rico and Virgin Islands. Includes returns of resident aliens, based on a sample of unadjusted returns as filed. Data are not comparable for all years because of tax changes and other changes, as indicated. See *Statistics of Income, Individual Income Tax Returns* publications for a detailed explanation. See Appendix III. See *Historical Statistics, Colonial Times to 1970*, series Y 393-411, for related data.]

ITEM	NUMBER OF RETURNS (1,000)					AMOUNT (mil. dol.)					AVERAGE AMOUNT DOLLARS (dollars)				
	1980	1985	1987	1988, prel.	1980	1985	1987	1988, prel.	1980	1985	1987	1988, prel.	1980	1985	1987
Total returns	93,902	101,660	106,996	108,809	1,613,731	1,613,731	1,613,731	1,613,731	17,185	22,683	25,924	26,206	17,185	22,683	25,924
Form 1040	57,123	67,006	71,032	71,228	1,310,038	1,310,038	1,310,038	1,310,038	22,935	26,927	33,207	33,207	22,935	26,927	33,207
Salaries and wages	83,802	87,198	90,984	93,464	1,349,843	1,349,843	1,349,843	1,349,843	16,108	22,113	23,783	25,114	16,108	22,113	23,783
Interest received	49,020	64,526	67,934	69,584	102,009	102,009	102,009	102,009	3,601	3,545	2,487	2,487	3,601	3,545	2,487
Dividends in AGI	10,738	15,528	13,302	22,862	38,781	38,781	38,781	38,781	188,966	182,574	182,574	182,574	188,966	182,574	182,574
Business or profession profit less loss	8,881	11,900	12,302	22,862	38,781	38,781	38,781	38,781	3,601	3,545	2,487	2,487	3,601	3,545	2,487
Sales of capital assets, net gain less loss, in AGI	9,971	11,126	15,468	14,206	55,139	55,139	55,139	55,139	105,461	122,432	122,432	122,432	105,461	122,432	122,432
Pensions and annuities in AGI	7,374	13,133	16,497	16,540	40,029	40,029	40,029	40,029	137,402	139,880	139,880	139,880	137,402	139,880	139,880
Rents and royalties, net income less loss	8,208	9,971	9,482	9,501	4,105	4,105	4,105	4,105	124,755	7,241	7,562	7,562	124,755	7,241	7,562
Partnerships and S Corporations	3,910	5,488	5,482	5,224	10,099	10,099	10,099	10,099	-9,235	-1,300	-975	-975	-9,235	-1,300	-975
Farm profit less loss	2,608	2,621	2,420	2,411	-7,792	-7,792	-7,792	-7,792	62,600	500	4,362	4,362	62,600	500	4,362
Statutory adjustments, total	13,149	37,763	11,620	10,713	28,614	28,614	28,614	28,614	3,002	-4,580	-547	-547	3,002	-4,580	-547
Individual Retirement Arrangements	2,564	16,208	7,319	5,366	3,431	3,431	3,431	3,431	21,924	2,176	2,592	2,592	21,924	2,176	2,592
Self-employed retirement (Keogh) plan	569	678	759	786	2,008	2,008	2,008	2,008	1,946	1,938	1,922	1,922	1,946	1,938	1,922
Married couples who both work	(NA)	24,835	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	6,543	3,529	7,666	8,146	6,543	3,529	7,666
Exemptions, total <sup>2</sup>	227,925	244,180	217,493	222,112	227,569	227,569	227,569	227,569	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Age 65 or older	11,847	16,749	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	408,773	431,471	998	1,039	408,773	431,471	998
Blind	185	327	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Standard and itemized deductions, total <sup>3</sup>	88,105	96,849	108,008	108,403	362,776	362,776	362,776	362,776	607,224	679,104	4,118	5,728	607,224	679,104	4,118
Itemized deductions, total <sup>3</sup>	28,950	39,848	35,628	31,790	218,028	218,028	218,028	218,028	392,020	388,565	7,531	10,164	392,020	388,565	7,531
Medical and dental expenses	19,458	10,777	34,356	4,743	14,972	22,926	17,152	17,152	769	2,127	3,202	3,202	769	2,127	3,202
Taxes paid	28,749	39,548	34,866	31,241	69,404	128,085	119,388	119,388	120,137	3,424	3,424	3,424	120,137	3,424	3,424
Interest paid	26,677	36,287	33,126	28,511	91,187	180,095	179,942	179,942	3,418	4,963	5,432	5,432	3,418	4,963	5,432
Contributions	26,601	36,182	32,230	30,097	25,810	47,963	48,624	48,624	970	1,326	1,540	1,540	970	1,326	1,540
Income tax before credits	68,105	96,124	90,079	90,049	127,995	180,741	185,050	185,050	14,528	18,942	20,544	20,544	14,528	18,942	20,544
Income tax, total <sup>2</sup>	76,136	85,384	89,715	90,049	256,294	332,165	373,857	373,857	3,367	3,863	4,167	4,167	3,367	3,863	4,167
Tax credits, total <sup>2</sup>	19,674	20,395	12,901	14,042	7,216	10,248	6,329	6,329	367	488	491	491	367	488	491
Child care	4,562	8,418	8,520	8,992	956	312	3,128	3,128	226	372	404	423	226	372	404
Elderly and disabled	4,670	463	354	350	135	109	67	67	67	240	235	188	67	240	235
Residential energy	393	2,979	38	(NA)	562	812	18	18	(NA)	120	273	465	(NA)	120	273
Foreign tax	393	454	560	556	1,342	793	1,099	1,099	969	3,415	1,965	1,743	969	3,415	1,965
General business credit <sup>5</sup>	(NA)	514	341	341	4,614	4,791	1,019	1,019	623	(NA)	1,038	1,927	(NA)	1,038	1,927
Income tax, total <sup>2</sup>	73,906	82,846	86,724	86,985	250,341	325,710	369,203	369,203	3,387	3,932	4,257	4,784	3,387	3,932	4,257

NA Not available.

<sup>1</sup> Represents corporations with no more than 35 shareholders (10 prior to 1986), most of which are individuals electing to be taxed at the shareholder level.

<sup>2</sup> Includes items not shown separately.

<sup>3</sup> For 1985 and 1986 includes charitable deduction for itemizers.

<sup>4</sup> For 1980 and 1985 includes amounts "taxed" at zero percent.

<sup>5</sup> Includes investment credit.

<sup>6</sup> Includes minimum tax or alternative tax.

Source: U.S. Internal Revenue Service, *Statistics of Income Bulletin*, and *Statistics of Income, Individual Income Tax Returns*, annual.

### No. 524. Individual Income Tax Returns — Number, Income Tax, and Average Tax, by Size of Adjusted Gross Income: 1987 and 1988

[Number in thousands; money amounts in billions of dollars, except as indicated]

SIZE OF ADJUSTED GROSS INCOME	NUMBER OF RETURNS		ADJUSTED GROSS INCOME (AGI)		TAXABLE INCOME		INCOME TAX TOTAL		TAX AS PERCENT OF AGI		AVERAGE TAX (\$1,000)	
	1987	1988, prel.	1987	1988, prel.	1987	1988, prel.	1987	1988, prel.	1987	1988, prel.	1987	1988, prel.
Total	106,996	109,809	2,773.8	3,097.3	1,850.6	2,081.1	369.2	416.1	13.3	13.4	4.3	4.8
Less than \$1,000 <sup>2</sup>	3,691	4,132	-38.2	-30.3	0.2	0.2	0.2	0.1	(X)	(X)	0.2	0.1
\$1,000-\$2,999	7,434	7,491	14.9	14.8	1.4	1.0	0.2	0.2	1.2	1.1	0.1	0.1
\$3,000-\$4,999	6,691	6,487	26.7	25.7	3.8	2.4	0.4	0.4	1.6	1.5	0.1	0.2
\$5,000-\$6,999	6,422	6,241	38.4	37.5	8.3	6.4	1.0	0.9	2.6	2.5	0.2	0.2
\$7,000-\$8,999	6,300	6,185	50.4	49.4	15.2	12.0	1.8	1.8	3.6	3.6	0.4	0.5
\$9,000-\$10,999	5,929	5,848	59.2	58.4	21.8	18.3	2.6	2.5	4.4	4.4	0.6	0.6
\$11,000-\$12,999	5,580	5,422	67.0	65.1	29.9	24.8	3.6	3.3	5.5	5.1	0.8	0.8
\$13,000-\$14,999	5,293	5,407	74.0	75.5	36.9	33.6	4.7	4.5	6.4	6.0	1.0	1.0
\$15,000-\$16,999	4,801	4,945	76.7	79.1	41.9	39.4	5.7	5.4	7.4	6.9	1.2	1.2
\$17,000-\$18,999	4,488	4,640	80.7	83.4	46.2	44.0	6.3	6.4	7.8	7.6	1.4	1.4
\$19,000-\$21,999	5,880											
\$22,000-\$24,999	5,297	11,397	120.2	249.1	72.4	147.3	10.0	21.7	8.3	8.7	1.7	1.9
\$25,000-\$29,999	7,495	7,474	205.6	205.0	133.9	129.9	20.4	20.3	9.9	9.9	2.7	2.7
\$30,000-\$39,999	11,605	11,961	402.5	415.4	270.9	274.9	42.8	44.1	10.6	10.6	3.7	3.7
\$40,000-\$49,999	7,863	8,233	350.4	367.7	242.7	254.4	41.3	42.6	11.8	11.6	5.3	5.2
\$50,000-\$74,999	8,110	8,920	484.0	533.4	348.0	384.2	69.9	74.5	14.4	14.0	8.6	8.4
\$75,000-\$99,999	2,064	2,512	175.5	213.7	129.7	159.4	31.3	35.6	17.8	16.7	15.2	14.2
\$100,000-\$199,999	1,514	1,795	201.0	237.8	153.9	185.4	43.4	48.4	21.6	20.4	28.8	27.0
\$200,000-\$499,999	430	555	124.1	163.4	100.6	137.0	33.0	39.4	26.6	24.1	76.9	71.0
\$500,000-\$999,999	75	119	50.9	80.7	42.8	70.7	14.7	20.0	29.0	24.8	186.2	168.2
\$1,000,000 or more	35	65	85.7	172.5	72.1	155.6	24.5	43.9	28.6	25.4	702.8	672.4

NA Not available. X Not applicable. <sup>1</sup> Consists of income after credits, and alternative minimum tax, and minimum tax. <sup>2</sup> In addition to low income taxpayers, this size class (and others) includes taxpayers with "tax preferences," not reflected in adjusted gross income or taxable income which are subject to the "alternative minimum tax" (included in total income tax). Source: U.S. Internal Revenue Service, *Statistics of Income Bulletin*, Summer 1990 and *Statistics of Income 1987, Individual Income Tax Returns*, annual.

### No. 525. Individual Income Tax Returns—Itemized Deductions and Statutory Adjustments, by Size of Adjusted Gross Income: 1987

[Preliminary]

ITEM	Unit	ADJUSTED GROSS INCOME CLASS							
		Total	Under \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$99,999	\$100,000 and over
Returns with itemized deductions:									
Number	1,000	35,628	1,107	3,782	6,195	7,182	6,189	9,199	1,973
Amount	Mil. dol.	392,020	8,019	25,056	42,498	56,824	58,147	120,423	81,053
Medical and dental expenses:									
Returns	1,000	5,356	691	1,589	1,362	822	430	413	49
Amount	Mil. dol.	17,152	2,980	4,994	3,122	1,902	1,292	1,900	961
Taxes paid: Returns, total	1,000	34,866	927	3,588	6,042	7,060	6,136	9,153	1,961
State, local income taxes	1,000	29,411	505	2,732	5,153	6,082	5,319	7,923	1,697
Real estate taxes	1,000	29,986	745	2,795	4,822	5,951	5,425	8,392	1,856
Amount, total	Mil. dol.	119,388	1,127	4,484	10,329	15,893	17,222	38,561	31,771
State, local income taxes	Mil. dol.	75,366	263	1,689	5,242	9,079	10,231	24,011	24,852
Real estate taxes	Mil. dol.	39,069	780	2,487	4,514	6,007	6,175	12,935	6,172
Interest paid: Returns	1,000	33,126	803	3,245	5,770	6,813	5,949	8,755	1,791
Amount	Mil. dol.	179,942	2,843	10,708	20,762	28,804	29,579	57,568	29,679
Home mortgages interest:									
Returns	1,000	27,971	607	2,519	4,588	5,725	5,209	7,772	1,552
Amount	Mil. dol.	136,840	2,244	8,385	16,297	22,703	23,299	45,398	18,513
Contributions: Returns	1,000	32,230	775	3,086	5,439	6,514	5,721	8,791	1,904
Amount	Mil. dol.	49,624	617	2,929	5,024	6,545	6,478	14,147	13,884
Returns with statutory adjustments:									
Returns	1,000	11,620	921	1,934	2,504	2,305	1,658	1,660	638
Amount of adjustments	Mil. dol.	30,116	1,550	3,100	4,737	4,912	3,306	6,203	6,307
Payments to IRA's:									
Returns	1,000	7,319	415	1,231	1,858	1,712	1,160	707	236
Amount	Mil. dol.	14,066	679	2,178	3,297	3,368	1,882	1,963	700
Payments to Keogh plans:									
Returns	1,000	759	7	31	65	68	80	280	227
Amount	Mil. dol.	6,183	19	58	170	247	326	1,684	3,679
Employee business expense:									
Returns	1,000	1,419	79	148	236	271	222	375	87
Amount	Mil. dol.	4,066	307	352	599	719	524	1,164	401
Alimony paid: Returns	1,000	597	46	77	87	80	80	145	82
Amount	Mil. dol.	4,008	314	279	367	322	361	1,038	1,326

<sup>1</sup> Includes disability income exclusion, employee business expenses, moving expenses, forfeited interest penalty, alimony paid, deduction for expense of living abroad, and other data not shown separately. <sup>2</sup> Individual Retirement Accounts. Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, annual.

### No. 526. Federal Individual Income Tax Returns—Adjusted Gross Income, by Source of Income and Income Class for Taxable Returns: 1987

[In billions of dollars, except percent. Minus sign (-) indicates net loss was greater than net income. See headnote, table 523]

ITEM	Total <sup>1</sup>	Under \$10,000	\$10,000 to \$19,999	\$20,000 to \$29,999	\$30,000 to \$39,999	\$40,000 to \$49,999	\$50,000 to \$99,999	\$100,000 and over
Number of returns(1,000) . . . . .	86,724	16,204	22,587	16,341	11,546	7,839	10,158	2,049
Source of income—								
Adjusted gross income (AGI) . . . . .	2,700.8	90.8	337.4	403.7	400.5	349.3	658.4	460.6
Salaries and wages . . . . .	2,078.4	72.7	260.7	338.6	341.9	296.8	531.8	235.8
Interest received . . . . .	153.3	10.3	27.5	18.9	17.1	14.1	29.9	34.6
Dividends in AGI . . . . .	63.5	2.1	6.3	5.8	5.7	5.2	14.7	23.7
Business; profession, net profit less loss . . . . .	102.9	2.7	9.3	13.3	11.3	10.2	28.6	7.7
Pensions and annuities in AGI . . . . .	116.2	5.1	28.3	20.5	17.0	14.1	23.4	26.6
Sales of property <sup>2</sup> net gain less loss . . . . .	132.6	2.5	2.7	4.1	4.5	5.1	21.6	92.0
Rents and royalties, net income less loss . . . . .	-5.8	-0.1	-0.6	-1.7	-1.7	-1.3	-3.7	3.3
Other sources, <sup>3</sup> net . . . . .	59.8	-4.4	3.1	3.1	4.8	5.2	12.1	35.9
Percent of all returns—								
Number of returns . . . . .	81.1	15.1	21.1	15.3	10.8	7.3	9.5	1.9
Adjusted gross income . . . . .	97.4	3.3	12.2	14.6	14.4	12.6	23.7	16.6
Salaries and wages . . . . .	96.0	3.4	12.0	15.6	15.8	13.7	24.6	10.9
Interest received . . . . .	90.7	6.1	16.3	11.8	10.1	8.3	17.7	20.5
Dividends in AGI . . . . .	95.1	3.1	9.5	8.7	8.5	7.8	22.0	35.5
Business; profession, net profit less loss . . . . .	97.5	2.5	8.8	12.6	10.7	9.6	27.1	26.2
Pensions and annuities in AGI . . . . .	93.1	4.1	22.7	16.4	13.6	11.3	18.8	6.2
Sales of property <sup>2</sup> net gain less loss . . . . .	96.5	1.8	2.0	3.0	3.3	3.7	15.7	66.9

<sup>1</sup> Includes a small number of taxable returns with no adjusted gross income. <sup>2</sup> Includes sales of capital assets and other property \$2,090 million for 1987. <sup>3</sup> Includes statutory adjustments of \$28,712 million for 1987.

Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns*, 1987.

### No. 527. Federal Individual Income Tax Returns, Income, and Taxes, 1970 to 1988, and by State, 1988

YEAR, DIVISION, STATE	Number of returns <sup>1</sup> (1,000)	Adjusted gross income (AGI) <sup>2</sup>	INCOME TAX		YEAR, DIVISION, STATE	Number of returns <sup>1</sup> (1,000)	Adjusted gross income (AGI) <sup>2</sup>	INCOME TAX	
			Total <sup>3</sup> (mil. dol.)	Per capita <sup>4</sup> (dol.)				Total <sup>3</sup> (mil. dol.)	Per capita <sup>4</sup> (dol.)
1970 . . . . .	74,278	631,626	82,880	406	S.A. . . . .	19,269	528,253	72,947	1,720
1975 . . . . .	82,229	947,785	124,526	578	DE . . . . .	316	9,222	1,268	1,921
1980 . . . . .	93,902	1,613,731	250,341	1,102	MD . . . . .	2,281	72,437	10,120	2,188
1985 . . . . .	102,037	2,289,333	336,638	1,410	DC . . . . .	324	9,766	1,465	2,380
1986 . . . . .	103,634	2,472,560	380,562	1,579	VA . . . . .	2,775	82,543	11,377	1,892
1987 . . . . .	107,402	2,772,620	388,357	1,587	WV . . . . .	679	15,439	1,892	1,009
U.S., 1988 . . . . .	110,348	3,064,260	431,416	1,755	NC . . . . .	2,930	72,137	9,174	1,414
Northeast . . . . .	23,974	751,383	111,755	2,209	SC . . . . .	1,463	33,860	4,034	1,164
N.E. . . . .	6,480	206,404	31,190	2,406	GA . . . . .	2,741	73,302	9,768	1,541
ME . . . . .	560	13,613	1,735	1,439	FL . . . . .	5,760	159,547	23,849	1,933
NH . . . . .	551	16,986	2,493	2,298	E.S.C. . . . .	6,153	142,979	18,405	1,189
VT . . . . .	262	6,719	902	1,616	KY . . . . .	1,462	33,897	4,317	1,159
MA . . . . .	2,858	93,776	14,027	2,381	TN . . . . .	2,097	50,988	6,949	1,419
RI . . . . .	473	13,237	1,849	1,862	AL . . . . .	1,624	38,631	4,852	1,183
CT . . . . .	1,676	62,073	10,184	3,151	MS . . . . .	970	19,463	2,287	873
M.A. . . . .	17,494	544,879	80,565	2,141	W.S.C. . . . .	10,823	265,829	37,200	1,384
NY . . . . .	8,066	282,846	39,081	2,182	AR . . . . .	932	19,932	2,439	1,018
NJ . . . . .	4,012	137,372	21,016	2,723	LA . . . . .	1,625	36,696	4,743	1,076
PA . . . . .	5,416	144,761	20,468	1,706	OK . . . . .	1,261	29,224	3,774	1,167
Midwest . . . . .	26,556	711,818	98,138	1,639	TX . . . . .	7,005	179,977	26,244	1,559
E.N.C. . . . .	18,790	515,942	71,868	1,707	West . . . . .	22,982	653,914	91,380	1,803
OH . . . . .	4,910	126,962	16,995	1,564	Mt. . . . .	5,739	144,417	18,924	1,420
IN . . . . .	2,444	62,376	8,307	1,494	MT . . . . .	341	6,994	885	1,099
IL . . . . .	5,196	154,863	23,201	1,998	ID . . . . .	391	8,632	1,056	1,053
MI . . . . .	4,071	115,419	15,986	1,730	WY . . . . .	199	4,870	679	1,415
WI . . . . .	2,169	56,322	7,379	1,527	CO . . . . .	1,493	39,650	5,365	1,626
W.N.C. . . . .	7,766	195,876	26,270	1,479	NM . . . . .	623	13,548	1,653	1,095
MN . . . . .	1,955	53,715	7,114	1,651	AZ . . . . .	1,520	39,322	5,089	1,455
IA . . . . .	1,225	28,546	3,725	1,316	UT . . . . .	634	15,622	1,786	1,056
MO . . . . .	2,224	57,033	7,766	1,511	NV . . . . .	538	15,779	2,431	2,306
ND . . . . .	279	5,844	780	1,139	Pac. . . . .	17,243	509,497	72,456	1,939
SD . . . . .	299	5,987	807	1,130	WA . . . . .	2,129	58,391	8,226	1,768
NE . . . . .	707	16,680	2,224	1,387	OR . . . . .	1,245	30,732	3,926	1,418
KS . . . . .	1,077	28,071	3,874	1,552	CA . . . . .	13,012	398,831	57,265	2,022
South . . . . .	36,245	937,061	128,552	1,519	AK . . . . .	336	7,327	1,113	2,120
					HI . . . . .	521	14,216	1,926	1,757

<sup>1</sup> Beginning 1985, includes returns filed by nonresident aliens and certain self-employment tax returns. <sup>2</sup> Less deficit. <sup>3</sup> Includes additional tax for tax preferences self-employment tax, tax from investment credit recapture and other income-related taxes. Total is before earned income credit. <sup>4</sup> Based on resident population as of July 1.

Source: U.S. Internal Revenue Service, *Statistics of Income Bulletin*, Spring 1990.

# **No. 528. Federal Individual Income Tax—Effective (Average) and Marginal Tax Rates, for Selected Income Groups: 1970 to 1990**

[Refers to income after exclusions. Effective rate represents tax liability divided by stated income. The marginal tax rate is the percentage of the first additional dollar of income which would be paid in income tax. Computations assume the low income allowance, standard deduction, zero bracket amount, or itemized deductions equal to 10 percent of adjusted gross income, whichever is greatest. Excludes self employment tax. See *Historical Statistics, Colonial Times to 1970*, series 412-439, for similar data on net income]

ADJUSTED GROSS INCOME <sup>1</sup>	TAX LIABILITY (dol.)				EFFECTIVE RATE (percent)				MARGINAL TAX RATE (percent)			
	1970 <sup>2</sup>	1979-80	1985	1988	1989	1990	1970 <sup>2</sup>	1979-80	1985	1988	1989	1990
<b>CURRENT DOLLARS</b>												
Single person, no dependents:												
\$5,000.....	683	250	177	8	735	705	13.7	5.0	3.5	0.2	7.4	15
\$10,000.....	1,778	1,177	888	758	2,235	2,205	17.8	11.8	8.3	7.5	15	15
\$20,000.....	5,030	3,837	2,854	2,258	5,235	5,205	25.2	19.2	13.3	11.2	15	15
\$30,000.....	7,144	5,484	4,125	3,294	7,161	7,131	28.6	21.9	15.3	12.6	15	15
\$40,000.....	11,904	9,194	6,916	5,954	11,904	11,874	34.0	26.3	19.3	16.7	28	28
\$50,000.....	19,695	15,032	12,067	9,734	19,629	19,599	38.4	32.1	24.3	19.3	28	28
\$60,000.....	34,019	28,487	22,195	17,154	34,019	33,989	45.4	39.3	29.6	22.6	33	33
Married couple, 2 dependents <sup>3</sup> :												
\$5,000.....	275	4,500	4,550	4,700	4,700	4,700	5.5	4.0	4.0	4.0	4.0	4.0
\$10,000.....	1,122	374	432	488	4,810	4,833	11.2	3.7	4.3	4.8	4.0	4.0
\$20,000.....	3,213	2,265	1,882	1,080	3,213	3,213	16.1	11.3	8.4	7.4	15	15
\$30,000.....	4,490	3,497	2,566	1,830	4,490	4,490	18.0	10.3	7.3	7.1	15	15
\$40,000.....	7,677	6,571	4,916	3,330	7,677	7,677	21.9	18.6	14.0	9.5	15	15
\$50,000.....	13,674	12,118	9,086	6,549	13,674	13,674	27.3	24.2	18.2	13.1	28	28
\$75,000.....	25,594	23,404	17,649	12,849	25,594	25,594	34.1	31.2	23.5	17.1	28	28
<b>CURRENT INCOME EQUIVALENT TO CONSTANT INCOME (dol.)</b>												
	1970 <sup>2</sup>	1980	1985	1988	1989	1990	1970 <sup>2</sup>	1980	1985	1988	1989	1990
<b>CONSTANT (1988) DOLLARS</b>												
Single person, no dependents:												
\$5,000.....	1,730	3,490	4,490	5,000	5,230	5,480	4.1	0.8	2.6	0.2	0.4	15
\$10,000.....	3,450	6,970	8,990	10,000	10,460	10,950	10.9	8.6	8.2	7.8	7.7	15
\$20,000.....	6,910	13,950	17,970	20,000	20,920	21,900	15.4	14.9	13.3	11.3	11.4	15
\$30,000.....	8,640	17,430	22,460	25,000	26,150	27,380	16.8	17.4	15.6	13.2	13.4	15
\$40,000.....	12,090	24,400	31,450	35,000	36,610	38,330	19.3	21.7	18.6	17.0	17.1	15
\$50,000.....	17,270	34,860	44,930	50,000	52,290	54,750	23.2	26.2	22.7	19.5	19.5	15
\$75,000.....	25,910	52,290	67,390	75,000	78,440	82,130	29.2	32.8	28.1	22.9	22.9	15
Married couple, 2 dependents <sup>3</sup> :												
\$5,000.....	1,730	3,490	4,490	5,000	5,230	5,480	4.1	10.0	11.0	14.0	14.0	15
\$10,000.....	3,450	6,970	8,990	10,000	10,460	10,950	10.9	11.2	11.2	14.0	14.0	15
\$20,000.....	6,910	13,950	17,970	20,000	20,920	21,900	15.4	14.9	13.3	11.3	11.4	15
\$30,000.....	8,640	17,430	22,460	25,000	26,150	27,380	16.8	17.4	15.6	13.2	13.4	15
\$40,000.....	12,090	24,400	31,450	35,000	36,610	38,330	19.3	21.7	18.6	17.0	17.1	15
\$50,000.....	17,270	34,860	44,930	50,000	52,290	54,750	23.2	26.2	22.7	19.5	19.5	15
\$75,000.....	25,910	52,290	67,390	75,000	78,440	82,130	29.2	32.8	28.1	22.9	22.9	15
<b>MARGINAL TAX RATE (percent)</b>												
	1970 <sup>2</sup>	1980	1985	1988	1989	1990	1970 <sup>2</sup>	1980	1985	1988	1989	1990
Single person, no dependents:												
\$5,000.....	14	14	14	14	14	14	14	14	14	14	14	14
\$10,000.....	18	18	18	18	18	18	18	18	18	18	18	18
\$20,000.....	26	26	26	26	26	26	26	26	26	26	26	26
\$30,000.....	30	30	30	30	30	30	30	30	30	30	30	30
\$40,000.....	32	32	32	32	32	32	32	32	32	32	32	32
\$50,000.....	40	40	40	40	40	40	40	40	40	40	40	40
\$75,000.....	55	55	55	55	55	55	55	55	55	55	55	55
Married couple, 2 dependents <sup>3</sup> :												
\$5,000.....	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
\$10,000.....	16	16	16	16	16	16	16	16	16	16	16	16
\$20,000.....	21	21	21	21	21	21	21	21	21	21	21	21
\$30,000.....	28	28	28	28	28	28	28	28	28	28	28	28
\$40,000.....	37	37	37	37	37	37	37	37	37	37	37	37
\$50,000.....	43	43	43	43	43	43	43	43	43	43	43	43
\$75,000.....	54	54	54	54	54	54	54	54	54	54	54	54

<sup>1</sup> Represents zero. <sup>2</sup> See footnote, table 523. <sup>3</sup> Only one spouse is assumed to work. <sup>4</sup> Refundable earned income credit.

Source: U.S. Dept. of the Treasury, unpublished data.

## No. 529. Federal Civilian Employment, by Branch, Agency, and Area: 1980 and 1989

[As of September 30]

AGENCY	TOTAL			UNITED STATES		WASHINGTON DC METRO AREA (MSA)	
	1980	1989	Per- cent change 1980- 1989	1980	1989	1989	Percent change 1980- 1989
<b>Total, all agencies</b>	<b>3,104,151</b>	<b>3,123,731</b>	<b>0.6</b>	<b>2,978,725</b>	<b>2,977,621</b>	<b>356,386</b>	<b>-2.9</b>
Legislative Branch, total <sup>1</sup>	39,710	37,690	-5.1	39,825	37,637	35,336	-4.9
Congress	19,096	19,504	2.1	19,096	19,504	19,504	2.1
U.S. Senate	7,195	7,401	2.9	7,195	7,401	7,401	2.9
House of Representatives	11,888	12,090	1.7	11,888	12,090	12,090	1.7
Architect of the Capitol	2,168	2,161	-0.3	2,168	2,161	2,161	-0.3
Judicial Branch	15,178	21,915	44.4	14,987	21,663	1,855	14.9
Supreme Court	331	327	-1.2	331	327	327	-1.2
U.S. Courts	14,847	21,588	45.4	14,656	21,336	1,528	19.1
Executive Branch, total	3,049,263	3,064,126	0.5	2,925,103	2,918,321	319,205	-2.7
Executive Office of the President <sup>1</sup>	1,886	1,577	-16.4	1,879	1,567	1,567	-16.6
White House Office	406	371	-8.6	406	371	371	-8.6
Office of Management and Budget	616	527	-14.4	616	527	527	-14.4
Office of Administration	166	202	21.7	166	202	202	21.7
Council of Economic Advisors	35	32	-8.6	35	32	32	-8.6
Executive Departments	1,945,255	2,065,038	6.2	1,844,576	1,939,431	240,193	0.3
State	23,497	25,327	7.8	8,187	9,152	8,229	18.9
Treasury	124,663	152,548	22.4	123,649	151,517	20,546	14.2
Defense	960,116	1,075,437	12.0	883,468	975,047	90,145	15.1
Justice	56,327	79,667	41.4	55,457	78,217	19,364	20.8
Interior	77,357	77,545	0.2	77,031	77,175	9,176	-10.8
Agriculture	129,139	122,062	-5.5	127,637	120,567	12,529	-7.6
Commerce	48,563	45,091	-7.1	47,838	44,366	19,015	-6.8
Labor	23,400	18,125	-22.5	23,299	18,085	6,211	-21.7
Health & Human Services	155,862	122,259	-21.5	154,715	121,550	26,927	-19.0
Housing & Urban Development	16,964	13,544	-20.2	16,790	13,416	3,406	-29.1
Transportation	72,361	65,615	-9.3	71,638	65,104	9,165	-12.4
Energy	21,557	17,130	-20.5	21,549	17,123	6,085	-28.2
Education	7,364	4,696	-36.2	7,363	4,692	3,246	-28.0
Veterans Affairs <sup>2</sup>	228,285	245,982	7.8	225,955	243,420	6,169	-5.1
Independent agencies <sup>1</sup>	1,102,122	997,511	-9.5	1,078,648	977,323	77,445	-10.8
Environmental Protection Agency	14,715	15,590	5.9	14,700	15,572	5,348	2.3
Equal Employment Opportunity Comm.	3,515	2,743	-22.0	3,515	2,743	662	-24.4
Federal Deposit Insurance Corporation	3,520	9,031	156.6	3,463	9,017	1,208	13.3
Fed. Emergency Managmt Agency	3,427	3,048	-11.1	3,410	3,038	1,361	-14.8
General Services Administration <sup>3</sup>	37,654	20,063	-46.7	37,549	19,981	6,699	-47.1
National Aeronautics & Space Admin	23,714	24,165	1.9	23,692	24,156	5,229	3.2
Nuclear Regulatory Commission	3,283	3,288	0.2	3,283	3,288	2,172	-14.7
Office of Personnel Management	8,280	6,859	-17.2	8,259	6,829	2,633	-24.2
Small Business Administration	5,804	4,653	-19.8	5,679	4,572	832	-13.2
Smithsonian Institution, Summary	4,403	5,158	17.1	4,301	5,019	4,766	17.2
Tennessee Valley Authority	51,714	28,676	-48.4	51,710	26,676	15	-
U.S. Information Agency	8,138	8,723	7.2	3,317	4,370	4,119	34.6
U.S. International Development Cooperation Agency	6,152	4,816	-21.7	2,740	2,400	2,392	-12.1
U.S. Postal Service	660,014	826,310	25.2	657,138	822,661	22,588	30.0

- Represents zero. <sup>1</sup> Includes other branches, or other agencies, not shown separately. <sup>2</sup> Formerly Veterans Administration. <sup>3</sup> 1980 figure includes the National Archives and Records Administration which became an independent agency in 1985. Source: U.S. Office of Personnel Management, *Federal Civilian Workforce Statistics—Employment and Trends*, bimonthly.

## No. 530. Federal White Collar Civilian Employment, by Sex and Grade: 1970 to 1989

[1970-1985, as of Oct. 31; thereafter as of Sep. 30. Represents full-time white-collar employment]

GRADE <sup>1</sup>	TOTAL (1,000)					PERCENT WOMEN				
	1970	1980	1985	1987	1989	1970	1980	1985	1987	1989
<b>Total employment<sup>2</sup></b>	<b>1,885</b>	<b>2,006</b>	<b>2,156</b>	<b>2,203</b>	<b>(NA)</b>	<b>33.1</b>	<b>38.6</b>	<b>47.4</b>	<b>48.2</b>	<b>(NA)</b>
General Schedule and equivalent pay system	1,259	1,473	1,561	1,585	1,608	40.3	45.1	47.7	48.4	48.7
Grades 1-6 (\$10,581 to \$23,628)	521	561	563	549	518	72.2	74.1	74.5	74.9	74.8
Grades 7-10 (\$20,195 to \$35,969)	302	357	377	389	388	33.4	46.3	50.3	51.4	53.5
Grades 11-12 (\$42,601 to \$46,571)	264	335	388	407	434	9.5	19.3	27.5	30.0	32.9
Grades 13-15 (\$42,601 to \$76,982)	164	217	231	239	267	3.0	8.2	12.1	14.2	17.0
Grades 16-18 (\$89,451 to \$78,200) <sup>3</sup>	8	3	1	1	1	1.4	4.4	6.1	6.9	9.1
Postal pay system <sup>4</sup>	521	504	553	600	(NA)	(NA)	26.8	33.2	36.2	(NA)

NA Not available. <sup>1</sup> Pay ranges shown for General Schedule grades are as of January 31, 1990. <sup>2</sup> Includes other systems, not shown separately. <sup>3</sup> Beginning 1980, change in number reflects shift of senior level employees to Senior Executive Service. <sup>4</sup> Source: U.S. Postal Service, *National Payroll Hours*, annual. Source: Except as noted, U.S. Office of Personnel Management, *Occupations of Federal White-Collar and Blue-Collar Workers*, biennial, and *The Pay Structure of the Federal Civil Service*, annual.

**No. 531. Federal Civilian Employment and Annual Payroll, by Branch: 1970 to 1989**

[Annual employment: For fiscal year ending in year shown; see text, section 9. Includes employees in U.S. territories and in foreign countries. Data represent employees in active-duty status, including intermittent employees. Annual employment figures are averages of monthly figures. Excludes Central Intelligence Agency, National Security Agency, and, as of November 1984, the Defense Intelligence Agency. See also *Historical Statistics, Colonial Times to 1970*, series Y 308-317]

YEAR	EMPLOYMENT						PAYROLL (mil. dol.)				
	Total (1,000)	Percent of U.S. employ- ed	Executive		Legisla- tive (1,000)	Judicial (1,000)	Total	Executive		Legisla- tive	Judicial
			Total (1,000)	Defense (1,000)				Total	Defense		
1970	2,928	3.7	2,891	1,195	30	7	28,562	28,117	11,352	353	92
1975	2,862	3.4	2,834	1,036	37	10	40,899	39,944	14,356	589	166
1979	2,897	2.9	2,844	970	40	13	53,590	52,513	18,065	817	260
1980	3,987	3.0	3,933	971	40	14	58,012	56,841	18,795	883	288
1981	2,909	2.9	2,855	986	40	15	63,793	62,510	21,227	922	360
1982	2,871	2.9	2,816	1,019	39	16	65,503	64,125	22,226	980	398
1983	2,878	2.9	2,823	1,033	39	16	68,878	68,420	23,406	1,013	445
1984	2,935	2.8	2,879	1,052	40	17	74,616	73,084	25,253	1,081	451
1985	3,001	2.8	2,944	1,080	39	18	80,599	78,992	28,330	1,098	509
1986	3,047	2.8	2,991	1,089	38	19	82,598	80,941	29,272	1,112	545
1987	3,075	2.7	3,018	1,084	38	19	85,543	83,797	29,786	1,153	593
1988	3,113	2.7	3,054	1,073	38	21	88,841	86,960	29,609	1,226	656
1989	3,133	2.7	3,074	1,067	38	22	92,847	90,870	30,301	1,266	711

<sup>1</sup> Civilian only. See table 635. <sup>2</sup> Includes 33,000 temporary census workers. <sup>3</sup> Includes 81,116 temporary census workers.

Source: U.S. Office of Personnel Management, *Federal Civilian Workforce Statistics—Employment and Trends*, bimonthly (formerly the *Monthly Release of Federal Civilian Workforce Statistics*), and unpublished data.

**No. 532. Federal Civilian Employment—Summary: 1970 to 1989**

[In thousands. As of Dec. 31. Excludes U.S. Territories and foreign countries, Central Intelligence Agency, National Security Agency, and the Defense Intelligence Agency. Partially estimated]

CHARACTERISTICS	UNITED STATES									WASHINGTON, DC <sup>1</sup>				
	1970	1975	1980	1985	1986	1987	1988	1989		1970	1980	1985	1988	1989
Paid employment	2,645	2,741	2,782	2,902	2,895	2,972	2,981	2,974		318	366	353	354	358
Male	1,931	1,896	1,790	1,769	1,765	1,813	1,730	1,711		180	202	191	184	182
Female	714	845	892	1,133	1,130	1,159	1,251	1,263		136	164	162	170	176
Full-time	2,516	2,496	2,504	2,589	2,575	2,651	2,648	2,674		308	342	335	336	342
Other	129	245	278	313	320	321	333	300		8	24	18	18	16
Competitive service <sup>2</sup>	2,393	1,714	1,692	1,710	1,678	1,724	1,707	1,733		262	258	246	244	249
Permanent appointment	2,281	1,654	1,622	1,628	1,606	1,638	1,632	1,661		251	247	234	234	241
Temp. and indef. appoint'mt.	112	60	70	82	72	86	75	71		11	11	12	10	8
Excepted and Senior Executive Services (SES) <sup>3</sup>	252	1,027	1,091	1,191	1,217	1,249	1,275	1,241		54	107	108	110	109
Permanent appointment	184	863	917	1,015	1,035	1,057	1,070	1,049		38	70	73	77	76
Temp. and indef. appointment	68	164	174	176	182	192	205	192		16	37	35	33	33
White-collar <sup>4</sup>	2,113	2,255	2,324	2,478	2,490	2,568	2,596	2,588		278	335	327	331	336
Blue-collar	532	486	458	424	405	404	385	386		38	31	26	23	22

<sup>1</sup> Through June 30, 1980, represents SMSA; thereafter, MSA. <sup>2</sup> In 1971, under Postal Reorganization Act of 1970, U.S. Postal Service employees were changed from competitive service to excepted service. <sup>3</sup> Excepted from competitive requirements of Civil Service Act. Prior to 1980 SES was not included in total. <sup>4</sup> Through 1980, based on full-time employment; beginning 1985, based on total workforce.

**No. 533. Accessions to and Separations from Paid Civilian Employment in the Federal Government: 1970 to 1990**

[In thousands, except rate. For fiscal year ending in year shown; see text, section 9. Includes accessions and separations of full-time, part-time, and intermittent employees]

ITEM	UNITED STATES							WASHINGTON, DC <sup>1</sup>				
	1970 <sup>2</sup>	1975	1980 <sup>2</sup>	1985	1988	1989	Oct. 1989-Mar. 1990	1980 <sup>2</sup>	1985	1988	1989	Oct. 1989-Mar. 1990
Accessions, total	727.0	564.2	995.2	692.9	620.4	635.5	351.6	94.1	62.5	65.7	67.2	26.4
Monthly rate <sup>3</sup>	2.2	1.7	2.9	1.9	1.8	1.8	2.0	2.3	1.6	1.6	1.7	1.3
Separations, total	796.7	588.9	1,004.0	530.1	571.3	605.7	242.8	89.2	58.0	59.1	58.3	23.2
Monthly rate	2.4	1.8	3.0	1.6	1.6	1.7	1.4	2.2	1.5	1.4	1.5	1.2
Quit <sup>4</sup>	334.4	212.9	227.7	218.3	207.5	205.1	81.3	32.9	25.0	24.7	25.6	9.2

<sup>1</sup> See footnote 1, table 532. <sup>2</sup> Includes temporary census enumerators. <sup>3</sup> Per 100 employees. <sup>4</sup> Represents voluntary resignations by employees or separations by agency if employee declines new assignment, abandons position, joins military, or fails to return from military furlough.

Source of tables 532 and 533: U.S. Office of Personnel Management, *Federal Civilian Workforce Statistics—Employment and Trends*, bimonthly, and unpublished data.

**No. 534. Paid Civilian Employment in the Federal Government: 1988**

[As of December 31. Excludes members and employees of Congress, Central Intelligence Agency, Defense Intelligence Agency, employees overseas, temporary census enumerators, seasonal and on-call employees, temporary Christmas help of the U.S. Postal Service, and National Security Agency]

DIVISION, AND STATE	Total (1,000)	Percent defense	DIVISION, AND STATE	Total (1,000)	Percent defense
<b>1988 total</b> <sup>1</sup>	<b>2,941</b>	<b>32.3</b>	Georgia	88	43.4
<b>New England</b>	<b>128</b>	<b>26.9</b>	Maryland	132	32.3
Connecticut	24	20.7	North Carolina	46	32.9
Maine	18	60.0	South Carolina	33	60.2
Massachusetts	62	19.6	Virginia	160	67.5
New Hampshire	8	20.3	West Virginia	16	11.3
Rhode Island	11	41.1	<b>East South Central</b>	<b>175</b>	<b>33.0</b>
Vermont	5	12.6	Alabama	58	45.0
<b>Middle Atlantic</b>	<b>372</b>	<b>26.8</b>	Kentucky	35	37.9
New Jersey	77	34.0	Mississippi	24	43.4
New York	159	12.4	Tennessee	57	13.0
Pennsylvania	136	39.8	<b>West South Central</b>	<b>276</b>	<b>36.7</b>
<b>East North Central</b>	<b>327</b>	<b>26.4</b>	Arkansas	19	25.4
Illinois	107	20.0	Louisiana	34	26.7
Indiana	42	36.1	Oklahoma	47	52.1
Michigan	58	21.4	Texas	176	35.7
Ohio	93	36.9	<b>Mountain</b>	<b>193</b>	<b>32.6</b>
Wisconsin	28	11.4	Arizona	38	27.4
<b>West North Central</b>	<b>175</b>	<b>22.2</b>	Colorado	53	26.3
Iowa	19	8.1	Idaho	10	13.6
Kansas	25	27.5	Montana	11	11.9
Minnesota	32	9.2	Nevada	10	20.0
Missouri	67	30.1	New Mexico	27	38.3
Nebraska	16	25.8	Utah	37	60.2
North Dakota	8	25.3	Wyoming	6	18.1
South Dakota	9	16.9	<b>Pacific</b>	<b>460</b>	<b>41.5</b>
<b>South Atlantic</b>	<b>800</b>	<b>34.7</b>	Alaska	15	34.3
Delaware	5	33.6	California	325	41.1
District of Columbia	210	8.2	Hawaii	27	76.9
Florida	109	29.9	Oregon	29	11.4
			Washington	65	44.2

<sup>1</sup> Preliminary. Includes employees not specified by State.

Source: U.S. Office of Personnel Management, *Biennial Report of Employment by Geographic Area*

**No. 535. Paid Full-Time Federal Civilian Employment, All Areas: 1985 to 1989**

[As of March 31. Excludes employees of Congress and Federal courts, maritime seamen of Dept. of Commerce, and small number for whom rates were not reported. See text, section 10 for explanation of general schedule and wage system. See also *Historical Statistics, Colonial Times to 1970*, series Y 318-331]

COMPENSATION AUTHORITY	EMPLOYEES(1,000)					AVERAGE PAY				
	1985	1986	1987	1988	1989	1985	1986	1987	1988	1989
<b>Total</b>	<b>2,590</b>	<b>2,616</b>	<b>2,625</b>	<b>2,014</b>	<b>2,016</b>	<b>26,139</b>	<b>26,369</b>	<b>27,429</b>	<b>28,211</b>	<b>29,618</b>
General Schedule	1,450	1,462	1,458	1,480	1,494	26,186	26,274	27,421	28,114	29,655
Wage System	418	409	391	383	374	23,288	23,837	24,432	24,965	25,462
Postal pay system <sup>1</sup>	586	606	633	(NA)	(NA)	26,559	26,744	26,925	(NA)	(NA)
Other	136	139	143	151	148	34,413	34,814	36,859	37,393	39,764

NA Not available. <sup>1</sup> Source: U.S. Postal Service, *National Payroll Hours*, annual.

Source: Except as noted, U.S. Office of Personnel Management, *Pay Structure of the Federal Civil Service*, annual.

**No. 536. Federal General Schedule Employee Pay Increases: 1965 to 1991**

[Percent change from prior year shown, except 1965, change from 1964. Represents legislated pay increases. For some years data based on range; for details see source]

EFFECTIVE DATE	Average increase	EFFECTIVE DATE	Average increase	EFFECTIVE DATE	Average increase
Oct. 1, 1965	3.6	Oct. 1, 1973	4.8	Oct. 1, 1982	4.0
July 1, 1966	2.9	Oct. 1, 1974	5.5	Jan. 1, 1984	4.0
Oct. 1, 1967	4.5	Oct. 1, 1975	5.0	Jan. 1, 1985	3.5
July 1, 1968	4.9	Oct. 1, 1976	5.2	Jan. 1, 1986	-
July 1, 1969	9.1	Oct. 1, 1977	7.0	Jan. 1, 1987	3.0
Dec. 27, 1969	6.0	Oct. 1, 1978	5.5	Jan. 1, 1988	2.0
Jan. 1, 1971	6.0	Oct. 1, 1979	7.0	Jan. 1, 1989	4.1
Jan. 1, 1972	5.5	Oct. 1, 1980	9.1	Jan. 1, 1990	3.6
Oct. 1, 1972	5.1	Oct. 1, 1981	4.8	Jan. 1, 1991, est.	3.5

- Represents zero.

Source: U.S. Office of Personnel Management, *Pay Structure of the Federal Civil Service*, annual.



**No. 537. Federal Paid Civilian Employment, by Agency: 1970 to 1989**

[As of end of fiscal year; see text, section 9. See headnote, table 531. Includes U.S. outlying areas and foreign countries.  
See also *Historical Statistics Colonial Times to 1970*, series Y 308-317]

AGENCY	1970	1975	1980	1985	1988	1989
<b>All Agencies . . . . .</b>	<b>2,921,909</b>	<b>2,896,944</b>	<b>2,875,866</b>	<b>3,020,531</b>	<b>3,112,823</b>	<b>3,123,731</b>
Legislative Branch . . . . .	30,715	38,531	39,710	38,764	37,547	37,690
Judicial Branch . . . . .	6,887	10,399	15,178	18,225	21,502	21,915
Executive Branch <sup>1</sup> . . . . .	2,884,307	2,848,014	2,820,978	2,963,542	3,053,774	3,064,126
Executive Office of the President . . . . .	4,742	1,918	1,866	1,526	1,554	1,577
<b>Executive Departments . . . . .</b>	<b>1,981,291</b>	<b>1,950,015</b>	<b>1,945,255</b>	<b>2,036,426</b>	<b>2,049,524</b>	<b>2,065,038</b>
Agriculture . . . . .	116,012	120,999	129,139	117,750	120,869	122,062
Commerce . . . . .	<sup>2</sup> 57,674	36,228	<sup>2</sup> 48,563	35,150	<sup>2</sup> 52,819	<sup>2</sup> 45,091
Census Bureau . . . . .	(NA)	(NA)	<sup>2</sup> 19,925	8,633	<sup>2</sup> 27,295	<sup>2</sup> 19,317
Defense . . . . .	1,193,784	1,041,829	960,116	1,084,549	1,049,619	1,075,437
Education <sup>3</sup> . . . . .	(X)	(X)	7,364	4,889	4,542	4,696
Energy <sup>4</sup> . . . . .	(X)	(X)	21,557	16,749	17,031	17,130
Health and Human Services <sup>3</sup> . . . . .	108,044	147,125	155,662	140,151	123,270	122,259
Social Security Admin. . . . .	(NA)	(NA)	84,272	82,967	69,007	66,687
Housing and Urban Development <sup>5</sup> . . . . .	15,190	17,161	16,964	12,289	13,342	13,544
Interior . . . . .	73,361	80,198	77,357	77,485	78,216	77,545
Justice . . . . .	39,257	51,541	56,327	64,433	76,515	79,667
Labor . . . . .	10,991	14,834	23,400	18,260	18,178	18,125
State . . . . .	39,753	30,376	23,497	25,254	25,634	25,327
Transportation . . . . .	65,985	75,035	72,361	62,227	63,506	65,615
Treasury . . . . .	92,521	121,546	124,663	130,084	160,516	152,548
Internal Revenue Service . . . . .	(NA)	(NA)	85,981	94,998	120,887	112,053
Veterans Affairs . . . . .	168,719	213,143	228,285	247,156	245,467	245,992
<b>Independent Agencies:</b>						
Environ. Protection Agency . . . . .	(X)	10,772	14,715	13,788	15,309	15,590
National Aeronautics & Space Admin. . . . .	32,548	26,447	23,714	22,562	23,130	24,165
Office of Personnel Management <sup>7</sup> . . . . .	5,508	8,157	8,280	6,353	6,673	6,859
Railroad Retirement Board . . . . .	1,734	1,961	1,795	1,681	1,674	1,692
Small Business Administration . . . . .	4,269	4,796	5,804	4,960	4,588	4,853
Tennessee Valley Authority . . . . .	22,244	28,423	51,714	32,035	28,290	26,676

NA Not available. X Not applicable. <sup>1</sup> Includes agencies not shown separately. <sup>2</sup> Includes decennial census enumerators. <sup>3</sup> Dept. of Education established Sept. 1979; formerly included with Health and Human Services. <sup>4</sup> Dept. of Energy established Oct. 1, 1977. <sup>5</sup> Includes Housing and Home Finance Agency. <sup>6</sup> Formerly Veterans Administration. <sup>7</sup> Formerly Civil Service Commission.

Source: U.S. Office of Personnel Management, *Federal Civilian Workforce Statistics - Employment and Trends*, bimonthly; (formerly the Monthly Release of Federal Civilian Work Force Statistics).

**No. 538. Federal Government Employment, by Race and National Origin, and by Pay System: 1982 and 1989**

[As of Sept. 30. Covers total employment for only Executive Branch agencies participating in OPM's Central Personnel Data File (CPDF). Excludes foreign nationals abroad and U.S. Postal Service]

PAY SYSTEM	1982					1989				
	Total employees (1,000)	Race/National origin				Total employees (1,000)	Race/National origin			
		Total <sup>1</sup> (1,000)	Per-cent of total	Black non-His-panic (1,000)	His-panic (1,000)		Total <sup>1</sup> (1,000)	Per-cent of total	Black non-His-panic (1,000)	His-panic (1,000)
<b>All pay systems, total <sup>2</sup> . . . . .</b>	<b>2,008.6</b>	<b>484.0</b>	<b>24.1</b>	<b>311.1</b>	<b>90.0</b>	<b>2,148.4</b>	<b>581.2</b>	<b>27.1</b>	<b>355.4</b>	<b>112.6</b>
General Schedule and equivalent <sup>3</sup> . . . . .	1,508.3	336.1	22.3	222.0	59.0	1,655.4	432.6	26.1	272.0	80.9
Grades 1-4 (\$10,581-\$18,947) . . . . .	303.6	101.9	33.6	71.0	16.1	251.7	103.4	41.1	70.6	16.4
Grades 5-8 (\$16,305-\$29,081) . . . . .	464.9	126.5	27.2	90.2	20.2	510.0	165.8	32.5	113.0	28.4
Grades 9-12 (\$24,705-\$46,571) . . . . .	530.0	87.6	16.5	50.1	18.7	634.1	131.6	20.8	72.2	29.6
Grades 13-15 (\$42,601-\$76,982) . . . . .	209.8	20.1	9.6	10.7	4.0	259.6	31.8	12.2	18.2	6.5
Executive, total . . . . .	7.8	0.6	7.7	0.3	0.1	9.6	0.7	7.2	0.4	0.1
Wage pay system . . . . .	414.0	134.6	32.5	83.5	28.0	384.4	129.7	33.7	75.9	28.1
Other pay systems <sup>4</sup> . . . . .	69.3	10.1	14.6	3.7	2.3	98.3	18.2	18.5	7.0	3.5

<sup>1</sup> Includes American Indians, Alaska Natives, Asians, and Pacific Islanders, not shown separately. <sup>2</sup> Due to the inclusion of unspecified employee records, the pay systems listed do not add to the total. <sup>3</sup> Pay rates as of January 1990 for general schedule. Each grade (except Executive) includes several salary steps. Range is from lowest to highest step of grades shown. <sup>4</sup> Includes white-collar employment in other than General Schedule and Equivalent or Executive pay plans.

Source: U.S. Office of Personnel Management, *1989 Affirmative Employment Statistics*, biennial.

### No. 539. Federal Land and Buildings Owned and Leased, and Predominant Land Usage: 1970 to 1988

[For fiscal years ending in years shown; see text section 9. Covers Federal real property throughout the world, except as noted. Usage covers land in United States only (50 States and DC). Cost of land figures represent total cost of property owned in year shown and excludes unreserved public domain; reserved for national parks, national forests, military installations, and other purposes; and historical sites acquired by methods other than purchase. Properties are reported at actual or estimated cost as of date of acquisition without considering depreciation, obsolescence, or economic changes in value. For data on Federal land by State, see table 335]

ITEM AND AGENCY	Unit	1970	1975	1980	1983	1984	1985	1986	1987	1988
<b>Federally owned:</b>										
Land	Mil. acres.	762	761	720	732	727	727	727	724	688
Buildings, number <sup>1</sup>	1,000	418	405	403	418	438	454	429	412	442
Buildings, floor area <sup>1</sup>	Mil. sq/ft.	2,542	2,502	2,522	2,609	2,725	2,860	2,731	2,700	2,780
Cost of land, buildings, etc. <sup>2</sup>	Bil. dol.	79	91	107	132	147	148	158	165	164
<b>Federally leased:</b>										
Land	Mil. acres.	1.6	1.2	1.4	1.4	1.8	1.3	1.3	1.6	1.6
Buildings, floor area <sup>1</sup>	Mil. sq/ft.	182	210	214	206	203	237	246	248	248
Rental property, cost	Mil. dol.	451	684	1,054	1,532	1,547	1,681	1,774	1,893	2,001
<b>Predominant usage:</b>										
Forest and wildlife	Mil. acres.	761.3	760.4	719.5	732.0	726.6	727.4	727.1	724.1	688.2
Grazing	Mil. acres.	503.2	502.3	421.8	434.0	430.4	430.6	430.6	430.6	399.8
Parks and historic sites	Mil. acres.	163.5	164.0	162.2	162.1	153.0	154.7	154.6	154.4	151.3
Military, exc. airfields	Mil. acres.	24.6	25.3	92.6	95.6	91.4	94.0	98.0	96.1	98.7
Flood control, navigation	Mil. acres.	17.7	18.1	18.5	16.9	19.8	26.0	18.1	16.2	16.6
Reclamation, irrigation	Mil. acres.	7.4	8.0	8.3	8.3	8.3	5.8	5.8	5.8	5.8
Power development	Mil. acres.	7.5	7.0	4.8	3.8	5.9	5.3	5.2	5.2	5.9
Air fields	Mil. acres.	2.1	1.5	1.5	1.5	1.2	1.0	1.0	1.0	0.9
	Mil. acres.	1.5	2.3	0.4	1.5	2.5	2.4	2.3	1.8	1.7

<sup>1</sup> Excludes data for Dept. of Defense military functions outside United States. <sup>2</sup> Includes other uses not shown separately.

Source: U.S. General Services Administration, *Inventory Report on Real Property Owned by the United States Throughout the World*, annual.

### No. 540. Public Lands—Disposal Transactions Leases, Permits and Licenses: 1980 to 1989

[For fiscal year ending in year shown; see text, section 9. Period figures are totals, not annual averages. See also *Historical Statistics, Colonial Times to 1970*, series J 10-15 and J 28-32]

ITEM	Unit	1980	1984	1985	1986	1987	1988	1989
Applications, entries, and selections allowed <sup>1</sup>	1,000 acres	1,167	1,835	1,404	4	1	1	1
Applications, entries, and selections approved	1,000 acres	175	4,837	6,491	683	1,812	1,387	579
Patents and certificates <sup>1</sup>	1,000 acres	2,495	1,449	4,217	3,704	3,000	5,419	780
Cash receipts, total <sup>2</sup>	Mil. dol.	5,079	7,914	6,939	5,864	5,014	4,698	
Mineral leases <sup>3</sup>	Mil. dol.	618	1,005	1,165	904	773	853	955
Outer Continental Shelf leases <sup>3</sup>	Mil. dol.	4,101	6,694	5,542	4,716	4,021	3,548	2,929
Timber sales	Mil. dol.	216	153	138	162	153	241	253
Public land, materials sales	Mil. dol.	8	14	12	14	8	7	15
Fees and commissions	Mil. dol.	29	2	2	2	2	3	3
Mineral class, total	Number	106,125	411,254	119,419	105,513	89,789	82,585	83,762
Leases	Number	105,963	117,849	119,101	105,226	89,546	82,450	83,656
Oil and gas <sup>5</sup>	Number	103,571	115,382	116,985	102,885	87,568	80,570	81,920
Coal <sup>6</sup>	Number	522	450	625	605	552	541	537
Other	Number	1,870	2,017	1,491	1,736	1,426	1,339	1,199
Permits <sup>7</sup>	Number	132	348	316	246	231	121	96
Licenses <sup>8</sup>	Number	30	57	2	41	12	14	10
Grazing leases <sup>9</sup>	Number	7,700	7,550	7,387	7,218	7,164	7,197	7,263
Permits <sup>9</sup>	Number	14,741	13,053	12,493	12,394	12,368	12,537	12,362

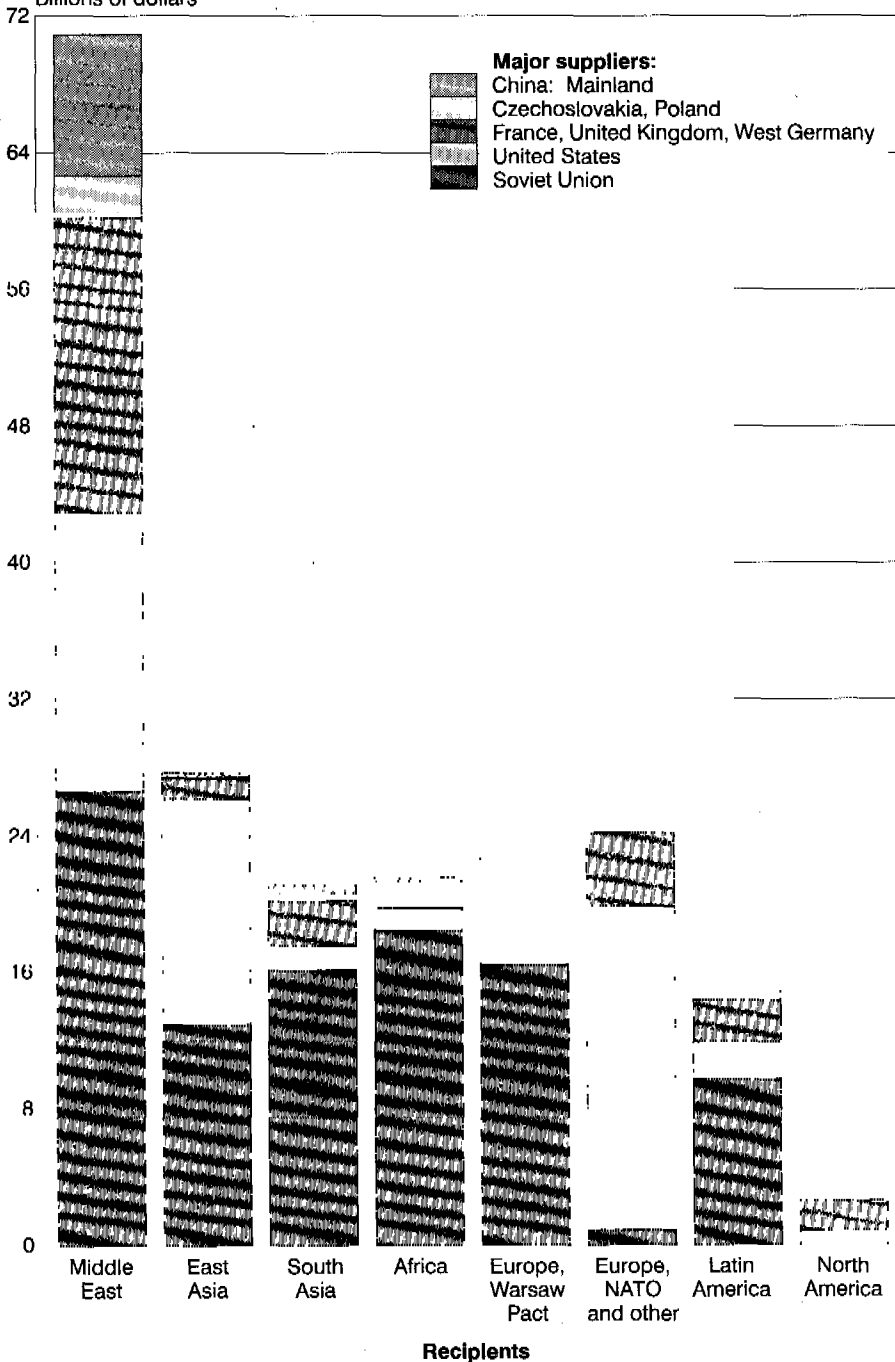
<sup>1</sup> Covers homestead, desert land, and mineral entries, public auction sales, Indian and State selections; and other disposal transaction; excludes Indian fee and reissue trusts and corrective patents. <sup>2</sup> Includes items not shown separately. <sup>3</sup> Source: Minerals Management Service, *Mineral Revenues*, annual through 1981; thereafter, *Budget Revenue Records*. <sup>4</sup> Includes miscellaneous nonenergy leases, permits, and licenses on acquired military and other Federal lands not separable by type. <sup>5</sup> For data on Outer Continental Shelf, see section 25. <sup>6</sup> Includes competitive, noncompetitive, preference right, and exchange leases beginning fiscal year 1985. <sup>7</sup> Does not include free-use permits for disposition of mineral materials (sand and gravel, top soil, quarry rock, etc.). <sup>8</sup> Beginning 1984, as of September 30. Lands outside grazing districts, which are owned, leased, or otherwise controlled by the United States and which are subject to leasing for grazing purposes. <sup>9</sup> Licenses and permits within grazing districts.

Source: Except as noted, U.S. Bureau of Land Management, *Public Land Statistics*, annual.

Figure 11.1

**Cummulative Arms Transfers: 1984-88**

Billions of dollars



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 550.



## Section 11

# National Defense and Veterans Affairs

This section presents data on national defense and its human and financial costs; active and reserve military personnel; ships, equipment and aircraft; and federally sponsored programs and benefits for veterans. The principal sources of these data are the annual *Selected Manpower Statistics* and the *Atlas/Data Abstract for the United States and Selected Areas* issued by the Office of the Secretary of Defense; *Annual Report of Secretary of Veterans Affairs, Department of Veterans Affairs*, and *The Budget of the United States Government*, Office of Management and Budget. For more data on expenditures, personnel, and ships, see section 31.

**Department of Defense (DOD).**—The Department of Defense is responsible for providing the military forces of the United States. It includes the Office of the Secretary of Defense, the Joint Chiefs of Staff, the Army, the Navy, the Air Force, and the defense agencies. The President serves as Commander in Chief of the Armed Forces; from him, the authority flows to the Secretary of Defense and through the Joint Chiefs of Staff to the commanders of unified and specified commands (e.g., Strategic Air Command).

**Reserve components.**—Reserve personnel of the Armed Forces consist of the Army National Guard, Army Reserve, Naval Reserve, Marine Corps Reserve, Air National Guard, Air Force Reserve, and Coast Guard Reserve. They provide trained personnel available for active duty in the Armed Forces in time of war or national emergency and at such other times as authorized by law.

The National Guard has dual Federal-State responsibilities and uses jointly provided equipment, facilities, and budget support. The President is empowered to mobilize the National Guard and to use such of the Armed Forces as he considers necessary to enforce Federal authority in any State.

The ready reserve includes selected reservists who are intended to assist active forces in a war and the individual ready reserve who, in a major war, would be used to fill out active and reserve units and later would be a source of combat replacements; a portion of the ready reserve serves in an active status. The standby reserve cannot be called to active duty unless the Congress gives explicit approval. The retired reserve represents a low potential for mobilization.

**Department of Veterans Affairs.**—The Department of Veterans Affairs administers laws authorizing benefits for eligible former and present members of the Armed Forces, and for the beneficiaries of deceased members. Veterans benefits available under various acts of Congress include compensation for service-connected disability or death; pensions for nonservice-connected disability or death; vocational rehabilitation, education, and training; home loan insurance; life insurance; health care; special housing and automobiles or other conveyances for certain disabled veterans; burial and plot allowances; and educational assistance to families of deceased or totally disabled veterans, servicemen missing in action, or prisoners of war. Since these benefits are legislated by Congress, the dates they were enacted and the dates they apply to veterans may be different from the actual dates the conflicts occurred.

VA estimates of veterans cover all persons with active duty service during periods of war or armed conflict and until 1982 include those living outside the United States. Veteran population estimates for September 1982 are for the 50 States, the District of Columbia and Puerto Rico. Veterans whose active duty service was entirely during periods of peacetime are eligible for some veterans benefits and, where appropriate, are included in VA estimates.

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

## No. 541. National Defense Outlays and Veterans Benefits: 1960 to 1990

[For fiscal year ending in year shown; see text, section 9. Includes outlays of Department of Defense, Veterans Administration, and other agencies for activities primarily related to national defense and veterans programs. For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (-) indicates decline. See *Historical Statistics, Colonial Times to 1970*, series Y 472, 473 and Y 476, for related data]

Year	NATIONAL DEFENSE AND VETERANS OUTLAYS				ANNUAL PERCENT CHANGE <sup>1</sup>				DEFENSE OUTLAYS, PERCENT OF—	
	Total outlays (bil. dol.)	Defense outlays		Veterans outlays (bil. dol.)	Total outlays	Defense outlays		Veterans outlays	Federal outlays	Gross national product <sup>2</sup>
		Current dollars (bil. dol.)	Constant (1982) dollars (bil. dol.)			Current dollars	Constant (1982) dollars			
1960	53.5	48.1	192.1	5.4	2.5	2.4	-1.9	3.1	52.2	8.5
1962	58.0	52.3	202.2	5.6	4.0	4.3	2.6	1.7	49.0	9.4
1963	58.9	53.4	197.1	5.5	1.6	2.0	-2.5	-1.9	48.0	9.1
1964	60.4	54.8	198.8	5.7	2.6	2.5	0.9	2.9	46.2	8.7
1965	56.3	50.6	181.4	5.7	6.8	-7.6	-8.8	0.7	42.8	7.5
1966	64.0	58.1	197.9	5.9	13.7	14.8	9.1	3.5	43.2	7.9
1967	78.2	71.4	235.1	6.7	22.1	22.9	18.8	13.8	45.4	9.0
1968	89.0	81.9	254.8	7.0	13.8	14.7	8.4	4.4	46.0	9.6
1969	90.1	82.5	243.4	7.6	1.3	0.7	-4.5	8.5	44.9	8.9
1970	90.4	81.7	225.6	8.7	0.3	-1.0	-7.3	13.6	41.8	8.3
1971	88.7	78.9	202.7	9.8	-1.9	-3.5	-10.2	12.7	37.5	7.5
1972	89.9	79.2	190.9	10.7	1.4	0.4	-5.8	9.8	34.3	6.9
1973	88.7	76.7	175.1	12.0	1.3	-3.1	-8.3	12.0	31.2	6.0
1974	92.7	79.3	163.3	13.4	4.6	3.5	-6.7	11.4	29.5	5.6
1975	103.1	86.5	159.8	16.6	11.2	9.0	-2.1	24.0	26.0	5.7
1976	108.1	89.6	153.6	18.4	4.8	3.6	-3.9	11.0	24.1	5.3
1976, TO <sup>3</sup>	26.2	22.3	37.1	4.0	(X)	(X)	(X)	(X)	23.2	5.0
1977	115.3	97.2	154.3	18.0	6.7	8.5	0.5	-2.1	23.8	5.0
1978	123.5	104.5	155.0	19.0	7.1	7.5	0.5	5.2	22.8	4.8
1979	136.3	116.3	159.1	19.9	10.4	11.3	2.6	5.0	23.1	4.8
1980	155.2	134.0	164.0	21.2	13.9	15.2	3.1	6.3	22.7	5.0
1981	180.5	157.5	171.4	23.0	16.3	17.6	4.5	8.5	23.2	5.3
1982	209.3	185.3	185.3	24.0	15.9	17.6	8.1	4.2	24.9	5.9
1983	234.7	209.9	201.3	24.8	12.1	13.3	8.6	3.3	26.0	6.3
1984	253.0	227.4	211.3	25.6	7.8	8.3	5.0	3.2	26.7	6.2
1985	279.0	252.7	230.0	26.3	10.3	11.1	8.8	2.7	26.7	6.4
1986	299.7	273.4	244.0	26.4	7.4	8.2	6.1	0.4	27.6	6.5
1987	308.8	282.0	251.0	26.8	3.0	3.1	2.9	1.5	28.1	6.4
1988	319.8	290.4	252.8	29.4	3.6	3.0	0.7	9.7	27.3	6.1
1989	333.7	303.6	256.6	30.1	4.3	4.5	1.5	2.4	26.2	5.9
1990, final	328.4	299.3	247.0	29.1	-1.6	-1.4	-3.7	-3.3	23.9	5.5

X Not applicable. <sup>1</sup> Change from prior year shown; for 1960, change from 1955. <sup>2</sup> Represents fiscal year GNP; for definition, see text, section 14. <sup>3</sup> Transition quarter, July-Sept.

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

## No. 542. Federal Budget Outlays for National Defense Functions: 1970 to 1990

[In billions of dollars, except percent. For fiscal year ending in year shown; see text, section 9. Minus sign (-) indicates decline. See *Historical Statistics, Colonial Times to 1970*, series Y 473, for total]

DEFENSE FUNCTION	1970	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990, est.
Total	81.7	134.0	157.5	185.3	209.9	227.4	252.7	273.4	282.0	290.4	303.6	296.3
Percent change <sup>1</sup>	10.1	15.2	17.6	17.6	13.3	8.3	11.1	8.2	3.1	3.0	4.5	-2.4
Defense Dept., military	80.1	130.9	153.9	180.7	204.4	220.9	245.2	265.5	274.0	281.9	294.9	286.8
Military personnel	29.0	40.9	47.9	55.2	60.9	64.2	67.8	71.5	72.0	76.3	80.7	75.3
Percent of military	36.2	31.2	31.2	30.5	29.8	29.0	27.7	26.9	26.3	27.1	27.0	26.3
Operation, maintenance	21.6	44.8	51.9	59.7	64.9	67.4	72.4	75.3	76.2	84.5	87.0	86.1
Procurement	21.6	29.0	35.2	43.3	53.6	61.9	70.4	76.5	80.7	77.2	81.6	80.9
Research and development	7.2	13.1	15.3	17.7	20.6	23.1	27.1	32.3	33.6	34.8	37.0	36.5
Military construction	1.2	2.5	2.5	2.9	3.5	3.7	4.3	5.1	5.9	5.9	5.3	5.4
Family housing	0.6	1.7	1.7	2.0	2.1	2.4	2.6	2.8	2.9	3.1	3.3	3.4
Other <sup>2</sup>	-1.1	-1.1	-0.6	-0.1	-1.2	-1.7	0.6	2.0	2.6	0.2	0.1	-0.9
Atomic energy activities <sup>3</sup>	1.4	2.9	3.4	4.3	5.2	6.1	7.1	7.4	7.5	7.9	7.9	8.9
Defense-related activities <sup>4</sup>	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.5	0.5	0.6

<sup>1</sup> Change from immediate prior year; for 1970, change from 1965. <sup>2</sup> Revolving and management funds, trust funds, special foreign currency program, allowances, and offsetting receipts. <sup>3</sup> Defense activities only. <sup>4</sup> Includes civil defense activities.

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

**No. 543. National Defense—Funds Available and Outlays: 1975 to 1990**

[In billions of dollars, except percent. For fiscal year ending in year shown, except as noted; see text, section 9. See *Historical Statistics, Colonial Times to 1970*, series Y 458-460 for outlays]

ITEM	1975	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990, est.
<b>Funds available</b>	<b>102.7</b>	<b>167.1</b>	<b>204.7</b>	<b>243.5</b>	<b>280.1</b>	<b>309.2</b>	<b>346.9</b>	<b>351.2</b>	<b>347.9</b>	<b>320.1</b>	<b>328.1</b>	<b>328.0</b>
Budget authority	87.6	143.9	180.0	216.5	245.0	265.2	294.7	289.1	287.4	292.0	299.6	301.6
Department of Defense-Military	85.8	140.6	176.1	211.5	238.9	258.2	286.8	281.4	279.5	283.8	290.8	291.4
Atomic energy	1.8	3.2	3.9	5.1	6.2	7.0	7.8	7.7	8.0	8.3	8.7	10.3
Unobligated balances	15.1	23.3	24.7	27.0	35.1	44.0	52.2	62.1	60.4	42.8	41.7	(NA)
Department of Defense-Military	15.1	23.0	24.2	26.5	34.6	43.4	51.6	61.5	60.0	42.3	41.2	(NA)
Atomic energy	(NA)	0.3	0.5	0.5	0.6	0.6	0.6	0.6	0.4	0.5	0.5	(NA)
<b>Outlays (Defense)</b>	<b>86.5</b>	<b>134.0</b>	<b>157.5</b>	<b>185.3</b>	<b>209.9</b>	<b>227.4</b>	<b>252.7</b>	<b>273.4</b>	<b>282.0</b>	<b>290.4</b>	<b>303.6</b>	<b>296.3</b>
Percent of funds available	84.2	80.2	76.9	76.1	74.9	73.6	72.9	77.8	81.1	90.7	90.9	(NA)
Department of Defense-Military	84.9	130.9	153.9	180.7	204.4	220.9	245.2	265.5	274.0	281.9	294.9	286.6
Atomic energy	1.7	3.1	3.6	4.6	5.5	6.5	7.6	7.9	8.0	8.4	8.7	9.551

NA Not available. <sup>1</sup> Includes defense budget authority, balances, and outlays by other departments. <sup>2</sup> Excluding accruals. <sup>3</sup> Includes other defense related activities. <sup>4</sup> Start of year.

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

**No. 544. National Defense—Military Budget Authority, by Major Mission: 1975 to 1989**

[In billions of dollars. For fiscal year ending in year shown; see text, section 9. Detail may not add to total because of revisions to total and not to detail]

MISSION	1975	1980	1982	1983	1984	1985	1986	1987	1988	1989, est.
<b>Total</b>	<b>87.6</b>	<b>143.9</b>	<b>216.5</b>	<b>245.0</b>	<b>265.2</b>	<b>294.7</b>	<b>289.1</b>	<b>287.4</b>	<b>283.8</b>	<b>290.2</b>
General purpose	28.1	52.2	88.1	98.8	100.7	118.4	116.2	114.9	114.9	112.8
Training, medical	20.0	29.2	39.6	42.2	43.3	33.6	33.6	35.5	37.3	38.5
Research and development	7.7	11.9	16.9	18.7	21.5	24.4	26.7	27.5	28.4	29.1
Intelligence and communications	6.3	9.1	13.9	17.3	20.0	25.1	26.4	27.7	28.3	29.6
Strategic forces	7.2	11.1	15.3	19.7	26.1	27.4	24.2	21.1	19.8	21.2
Central supply and maintenance	9.1	16.0	21.1	21.6	23.4	26.7	24.4	22.7	24.3	25.3
Guard and reserve	4.8	7.9	10.6	12.1	12.2	15.8	15.6	15.7	16.9	17.2
Airlift and sealift	0.9	2.1	4.0	4.3	5.5	8.7	7.8	7.1	4.4	5.4
Admin. and assoc. activities	2.0	2.5	3.6	4.1	4.8	6.1	7.1	6.6	6.7	6.9
Support of other nations	1.8	0.8	0.9	0.7	0.7	0.6	0.5	0.7	0.8	1.0

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

**No. 545. Employment—Defense-Related Agencies: 1970 to 1988**

[In thousands, except percent. Annual averages]

EMPLOYMENT	1970	1980	1982	1983	1984	1985	1986	1987	1988
<b>Total U.S. employment</b>	<b>80,796</b>	<b>100,907</b>	<b>101,194</b>	<b>102,510</b>	<b>106,702</b>	<b>108,858</b>	<b>111,303</b>	<b>114,177</b>	<b>116,677</b>
<b>Federal</b>	<b>4,763</b>	<b>4,386</b>	<b>4,401</b>	<b>4,430</b>	<b>4,521</b>	<b>4,608</b>	<b>4,601</b>	<b>4,709</b>	<b>4,690</b>
Resident Armed Forces	2,118	1,604	1,668	1,676	1,697	1,706	1,706	1,737	1,709
Civilian personnel	2,645	2,782	2,733	2,754	2,824	2,902	2,895	2,972	2,981
<b>Federal defense-related agencies, excluding Armed Forces</b>	<b>1,211</b>	<b>948</b>	<b>979</b>	<b>1,016</b>	<b>1,033</b>	<b>1,073</b>	<b>1,059</b>	<b>1,079</b>	<b>1,041</b>
Percent of Federal civilian personnel	44.3	33.1	35.7	36.6	36.8	37.3	36.5	36.3	34.9
<b>Federal defense-related agencies</b>	<b>3,329</b>	<b>2,552</b>	<b>2,647</b>	<b>2,692</b>	<b>2,730</b>	<b>2,779</b>	<b>2,765</b>	<b>2,816</b>	<b>2,750</b>
Percent of total Federal	68.7	57.1	60.1	60.5	60.6	60.7	60.0	59.8	58.6
Percent of total U.S.	4.1	2.5	2.6	2.6	2.6	2.6	2.5	2.5	2.4

<sup>1</sup> Includes resident Armed Forces. <sup>2</sup> See table 532. <sup>3</sup> Source: Beginning 1980, U.S. Dept. of Defense, *Civilian Manpower Statistics*, annual (Sept. issues).

Source: Except as noted, U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

**No. 546. Military Prime Contract Awards to All Businesses, by Program: 1980 to 1989**

[In billions of dollars. Net values for fiscal year ending in year shown; see text, section 9. Includes all new prime contracts; debit or credit changes in contracts are also included. Actions cover official awards, amendments, or other changes in prime contracts to obtain military supplies, services, or construction. Excludes term contracts and contracts which do not obligate a firm total dollar amount or fixed quantity, but includes job orders, task orders, and delivery orders against such contracts]

DOD PROCUREMENT PROGRAM	1980	1982	1983	1984	1985	1986	1987	1988	1989
Total	83.7	124.7	140.5	146.0	163.7	158.8	156.5	151.4	139.3
Intragovernmental	10.2	12.8	9.9	10.1	12.4	9.9	8.8	8.9	9.6
For work outside the U.S.	5.4	7.5	7.2	8.3	8.6	9.1	8.9	8.2	6.4
Educ. and non-profit institutions	1.5	2.0	2.2	2.7	3.1	3.4	3.5	3.5	3.3
With business firms for work in the U.S.	66.7	102.5	121.1	124.9	139.6	136.5	135.3	130.8	120.0
Major hard goods	41.0	67.9	80.8	86.3	98.1	92.8	93.0	85.9	79.9
Aircraft	12.5	21.1	26.3	29.2	34.6	32.3	27.7	25.0	24.2
Electronics and communication equip.	9.8	14.2	16.7	19.7	22.0	19.7	22.6	17.8	18.1
Missiles and space systems	7.9	12.7	14.7	16.7	18.7	19.4	19.8	19.7	18.7
Ships	6.0	9.6	12.8	9.4	10.4	9.4	11.5	13.7	9.6
Tanks, ammo. and weapons	5.1	10.3	10.3	11.4	12.5	12.0	11.6	9.7	9.2
Services	5.9	7.9	10.4	8.5	9.1	10.4	11.0	12.0	11.7

<sup>1</sup> Covers only purchases from other Federal agencies and reimbursable purchases on behalf of foreign governments.

<sup>2</sup> Includes Department of Defense. Includes other business not shown separately. Contracts awarded for work in U.S. possessions, and other areas subject to complete sovereignty of U.S.; contracts in a classified location; and any intragovernmental contracts entered into overseas.

Source: U.S. Dept. of Defense, *Prime Contract Awards*, semiannual.

**No. 547. DOD Contract Awards—Summary: 1989**

[For years ending Sept. 30. Contracts refer to awards made in year specified; expenditures relating to awards may extend over several years. **Civilian employees** include United States citizen and foreign national direct hire civilians and civilian personnel involved in civil functions in the United States. Excludes indirect hire civilians and those direct hire civilians not subject to OMB ceiling controls. **Military personnel** include active duty personnel based ashore. Excludes personnel temporarily shore-based in a transient status, or afloat. **Payroll outlays** include the gross earnings of civilian and active duty military personnel for services rendered to the government and for cash allowances for benefits. Excludes employer's share of employee benefits, accrued military retirement benefits and most permanent change of station costs]

STATE	Contract awards <sup>1</sup> (mil. dol.)	Payroll (mil. dol.)	PERSONNEL (1,000)		STATE	Contract awards (mil. dol.)	Payroll (mil. dol.)	PERSONNEL (1,000)	
			Civilian	Military				Civilian	Military
<b>U.S. ....</b>	<b>119,917</b>	<b>66,180</b>	<b>964.6</b>	<b>1,342.1</b>	DC .....	1,236	951	17.9	13.6
<b>Northeast. ....</b>	<b>29,042</b>	<b>6,242</b>	<b>128.5</b>	<b>82.6</b>	VA .....	5,897	7,634	111.7	96.2
N.E. ....	16,268	2,044	34.9	29.7	WV .....	163	58	2.0	0.4
ME. ....	370	490	10.7	5.6	NC .....	1,104	2,673	15.5	92.3
NH. ....	478	145	1.8	3.6	SC .....	568	1,912	20.7	41.6
VT. ....	163	20	0.6	0.1	GA .....	1,864	2,762	39.9	63.3
MA. ....	8,757	650	12.2	9.7	FL .....	4,452	3,246	33.8	77.8
RI. ....	417	287	4.5	4.1	E.S.C. ....	4,078	3,907	60.6	84.7
CT. ....	6,082	452	5.0	6.7	KY .....	333	1,444	14.0	38.8
M.A. ....	12,774	4,197	93.6	52.9	TN .....	1,118	393	7.7	9.9
NY. ....	6,552	1,293	20.2	28.9	AL .....	1,392	1,378	25.7	21.2
NJ. ....	3,393	1,205	21.5	18.0	MS. ....	1,235	692	13.3	14.7
PA. ....	2,828	1,699	52.0	6.0	W.S.C. ....	11,985	7,527	100.3	189.4
<b>Midwest. ....</b>	<b>20,277</b>	<b>6,924</b>	<b>135.9</b>	<b>136.2</b>	AR .....	370	336	5.2	9.0
E.N.C. ....	10,428	3,996	89.6	65.2	LA .....	1,693	925	8.5	25.3
OH. ....	5,069	1,434	35.8	11.7	OK .....	659	1,358	24.4	28.2
IN. ....	1,763	597	15.7	5.7	TX .....	9,263	4,908	62.3	127.0
IL. ....	1,249	1,290	21.7	38.3	<b>West</b> .....	<b>35,208</b>	<b>19,923</b>	<b>252.2</b>	<b>422.9</b>
MI. ....	1,266	557	13.1	8.6	Mt. ....	7,835	4,337	62.8	110.9
WI. ....	1,081	118	3.3	0.9	MT. ....	81	131	1.4	4.6
W.N.C. ....	9,848	2,928	46.3	71.1	ID .....	75	147	1.3	5.2
MN. ....	1,774	109	3.6	0.8	WY. ....	67	117	1.2	3.8
IA. ....	426	47	1.5	0.4	CO .....	2,928	1,362	14.4	40.0
MO. ....	6,283	1,053	23.5	16.8	NM. ....	625	840	9.2	15.0
ND. ....	122	276	1.9	10.8	AZ .....	2,847	894	11.2	26.2
SD. ....	67	182	1.5	7.0	UT .....	983	768	22.0	5.8
NE. ....	222	457	4.8	13.1	NV .....	230	281	2.2	10.3
KS. ....	955	803	9.5	22.3	Pac. ....	27,373	15,586	189.5	312.0
<b>South. ....</b>	<b>35,390</b>	<b>33,092</b>	<b>448.0</b>	<b>700.4</b>	WA .....	2,951	2,172	29.4	40.5
S.A. ....	19,327	21,658	287.0	426.4	OR .....	179	121	3.2	0.7
DE. ....	171	143	1.8	4.6	CA .....	23,125	10,529	131.5	204.2
MD. ....	3,871	2,277	43.7	36.6	AK .....	540	761	5.1	22.8
					HI .....	579	2,002	20.2	43.8

<sup>1</sup> Military awards for supplies, services, and construction. Net value of contracts of over \$25,000 for work in each State and D.C. Figures reflect impact of prime contracting on State distribution of defense work. Often the State in which a prime contractor is located is not the State where the subcontracted work is done. See also headnote, table 546. Undistributed civilians and military personnel, their payrolls and prime contract awards for performance in classified locations are excluded.

Source: U.S. Dept. of Defense, *Atlas/Data Abstract for the United States and Selected Areas*, annual.

## No. 548. Worldwide Military Expenditures: 1980 to 1988

[For military expenditures and Armed Forces by country, see section 31. GNP = Gross national product]

COUNTRY GROUP	MILITARY EXPENDITURES (bil. dol.)									PER CAPITA (dol.)	
	1980	1981	1982	1983	1984	1985	1986	1987	1988	1980	1988
CURRENT DOLLARS											
Worldwide, total <sup>1</sup>	636	719	804	857	910	963	990	1,034	1,032	202	202
United States	144	170	196	217	237	266	281	296	308	894	1,250
Percent of total	22.7	23.6	24.4	25.3	26.1	27.6	28.3	28.6	29.8	(X)	(X)
Developed countries <sup>2</sup>	705	725	759	786	807	842	857	876	865	650	754
Developing countries <sup>2</sup>	195	203	216	215	217	211	198	192	167	58	42
NATO countries <sup>3</sup>	345	363	387	406	421	447	456	466	467	597	763
Warsaw Pact countries	330	333	343	348	353	360	365	372	359	879	898
Soviet Union	280	283	289	293	297	303	306	313	300	1,053	1,047
CONSTANT (1988) DOLLARS											
Worldwide, total	899	928	975	1,001	1,024	1,053	1,055	1,068	1,032	202	202
United States	204	219	238	254	267	291	299	306	308	894	1,250
Percent of total	22.6	23.6	24.4	25.3	26.0	27.6	28.4	28.6	29.8	(X)	(X)
Developed countries <sup>2</sup>	705	725	759	786	807	842	857	876	865	650	754
Developing countries <sup>2</sup>	195	203	216	215	217	211	198	192	167	58	42
NATO countries <sup>3</sup>	345	363	387	406	421	447	456	466	467	597	763
Warsaw Pact countries	330	333	343	348	353	360	365	372	359	879	898
Soviet Union	280	283	289	293	297	303	306	313	300	1,053	1,047
PERCENT OF GNP											
Worldwide, total	5.3	5.4	5.7	5.7	5.6	5.6	5.5	5.4	5.0	(X)	(X)
United States	5.3	5.6	6.2	6.4	6.3	6.6	6.6	6.5	6.3	(X)	(X)
Developed countries <sup>2</sup>	5.2	5.2	5.5	5.5	5.4	5.5	5.5	5.4	5.2	(X)	(X)
Developing countries <sup>2</sup>	6.1	6.3	6.7	6.5	6.4	6.0	5.5	5.2	4.3	(X)	(X)
NATO countries <sup>3</sup>	4.3	4.5	4.8	4.9	4.9	5.0	5.0	4.9	4.8	(X)	(X)
Warsaw Pact countries <sup>4</sup>	11.6	11.6	11.7	11.6	11.6	11.8	11.6	11.6	11.0	(X)	(X)
Soviet Union <sup>4</sup>	12.9	12.9	12.9	12.8	12.8	12.9	12.6	12.7	11.9	(X)	(X)

X Not applicable. <sup>1</sup> Includes countries not shown separately. <sup>2</sup> Twenty-eight developed countries; see table 549 for selected countries; for complete list see source. <sup>3</sup> North Atlantic Treaty Organization. <sup>4</sup> The meaning of the ratio of military expenditures to GNP differs somewhat between most Communist countries and non-Communist countries because of different estimating procedures. For details, see source.

## No. 549. Arms Trade in Constant (1988) Dollars—Selected Countries: 1986 to 1988

[In millions of dollars, except percent. Because some countries exclude arms imports or exports from their trade statistics and their "total" imports and exports are therefore understated and because arms transfers maybe estimated independently of trade data, the ratio of arms to total imports or exports maybe overstated and may even exceed 100 percent]

COUNTRY	1986	1987	1988		COUNTRY	1986	1987	1988	
			Total	Arms imports as percent of total imports				Total	Arms imports as percent of total imports
<b>World total</b> <sup>1</sup>	<b>49,110</b>	<b>55,950</b>	<b>48,610</b>	<b>(NA)</b>	<b>RECIPIENTS</b>	<b>37,700</b>	<b>45,200</b>	<b>37,810</b>	<b>5.6</b>
<b>EXPORTERS</b>					<b>Developing</b> <sup>1</sup>				
Canada	149	165	180	0.2	Afghanistan	1,385	1,446	2,600	288.9
China: Mainland	1,279	2,376	3,100	0.5	Algeria	639	594	825	10.6
Czechoslovakia	1,385	1,240	850	0.8	Angola	1,385	1,653	1,600	(NA)
France	4,582	2,789	1,890	0.1	Argentina	32	62	20	0.4
Poland	1,492	1,240	675	3.8	Cuba	1,705	1,859	1,700	22.4
Soviet Union	22,380	23,040	21,400	0.2	Egypt	1,172	1,549	725	3.1
United Kingdom	1,598	2,169	725	0.3	El Salvador	85	52	60	(NA)
United States	9,803	14,770	14,300	0.2	Ethiopia	352	1,033	725	80.6
West Germany	852	1,890	360	0.4	Greece	170	289	575	4.7
<b>IMPORTERS</b>					India	3,197	3,512	3,200	16.7
<b>Developed</b> <sup>1</sup>	<b>11,410</b>	<b>10,740</b>	<b>10,800</b>	<b>0.5</b>	Iran	2,451	1,519	2,000	18.2
Australia	1,066	749	1,300	3.6	Iraq	6,074	5,681	4,600	37.1
Canada	139	176	210	0.2	Israel	533	1,859	1,900	12.6
Czechoslovakia	1,172	956	210	0.8	Jordan	277	362	320	11.6
East Germany	1,066	320	875	(NA)	Kuwait	139	145	190	3.6
Hungary	192	413	60	0.3	Libya	1,385	646	575	11.5
Italy	234	207	270	0.2	Morocco	96	413	90	1.9
Japan	852	981	1,100	0.6	Nicaragua	639	516	525	65.6
Poland	1,279	852	1,000	3.8	North Korea	448	434	1,000	32.3
Romania	533	124	20	(NA)	Oman	107	103	30	1.4
Soviet Union	1,279	1,240	1,100	1.0	Pakistan	320	320	340	5.2
United Kingdom	719	568	625	0.3	Peru	160	444	30	1.0
United States	440	625	646	0.2	Saudi Arabia	4,049	5,681	3,000	14.9
West Germany	373	754	900	0.4	South Korea	586	646	600	1.2
					Spain	352	1,007	900	1.5
					Syria	1,279	1,963	1,300	58.5
					Turkey	639	981	775	5.4
					Venezuela	107	103	60	0.5
					Vietnam	2,238	1,963	1,500	(NA)
					Yemen (Sanaa)	298	403	400	28.6

NA Not available. <sup>1</sup> Includes countries not shown separately.  
Source of tables 548 and 549: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual.



# No. 550. Arms Transfers—Cumulative Value for Period 1984-1988, by Major Supplier and Recipient Country

[In millions of dollars]

RECIPIENT	Total <sup>1</sup>	SUPPLIER							
		Soviet Union	United States	France	United Kingdom	West Germany	China: Mainland	Poland	Czechoslovakia
<b>World, total <sup>1</sup></b>	<b>248,370</b>	<b>101,240</b>	<b>59,500</b>	<b>18,105</b>	<b>9,335</b>	<b>7,255</b>	<b>6,725</b>	<b>5,315</b>	<b>5,600</b>
NATO	24,135	90	17,415	855	-	1,700	1,970	20	-
Warsaw Pact	24,675	16,425	-	30	-	-	20	2,440	3,870
OPEC	75,345	21,735	7,460	12,095	7,820	3,200	920	2,140	805
<b>Africa</b>	<b>28,035</b>	<b>18,460</b>	<b>1,290</b>	<b>1,285</b>	<b>260</b>	<b>635</b>	<b>125</b>	<b>1,430</b>	<b>85</b>
Algeria	3,270	2,500	100	50	-	140	-	410	5
Angola	6,865	6,100	-	80	-	-	-	-	50
Ethiopia	4,100	3,900	-	-	20	-	-	20	-
Libya	6,315	3,600	-	60	10	-	30	925	30
Morocco	890	-	280	250	20	-	-	-	-
Mozambique	1,130	1,100	-	5	-	5	-	-	-
Nigeria	1,325	30	130	150	5	340	50	60	-
Sudan	350	-	120	30	30	10	-	-	-
<b>East Asia</b>	<b>31,490</b>	<b>12,950</b>	<b>13,220</b>	<b>270</b>	<b>275</b>	<b>500</b>	<b>440</b>	-	<b>90</b>
China: Mainland	2,465	525	230	100	-	200	60	-	-
Taiwan	3,885	-	3,000	10	-	-	-	-	-
North Korea	2,370	2,200	-	20	50	-	-	-	30
Malaysia	1,040	-	280	-	-	10	190	-	-
South Korea	2,570	-	2,500	10	-	40	-	-	-
Thailand	1,490	-	1,000	-	220	30	110	-	-
Vietnam	8,580	8,500	-	-	-	-	-	-	-
<b>South Asia</b>	<b>22,035</b>	<b>16,130</b>	<b>1,420</b>	<b>1,920</b>	<b>530</b>	<b>310</b>	<b>420</b>	<b>100</b>	<b>320</b>
Afghanistan	6,540	6,500	-	-	-	-	-	-	-
India	13,120	9,800	200	1,900	-	260	420	50	320
Pakistan	2,010	-	1,200	20	330	30	-	20	-
<b>Europe, NATO</b>	<b>19,270</b>	<b>90</b>	<b>15,485</b>	<b>845</b>	-	<b>600</b>	<b>1,320</b>	<b>20</b>	-
Belgium	1,610	-	1,600	-	-	-	-	-	-
Denmark	550	-	450	20	-	50	-	-	-
France	890	-	800	-	-	10	-	-	-
Greece	1,560	90	700	490	-	-	160	20	-
Italy	1,120	-	1,100	-	-	-	-	-	-
Netherlands	2,540	-	2,100	-	-	10	410	-	-
Norway	1,045	-	675	10	-	-	70	-	-
Turkey	3,230	-	2,000	20	-	470	650	-	-
United Kingdom	3,320	-	3,300	-	-	-	-	-	-
West Germany	3,020	-	2,500	280	-	60	-	-	-
<b>Europe, Warsaw Pact</b>	<b>24,675</b>	<b>16,425</b>	-	<b>30</b>	-	-	<b>20</b>	<b>2,440</b>	<b>3,870</b>
Bulgaria	4,040	3,500	-	-	-	-	20	40	460
Czechoslovakia	3,880	3,700	-	-	-	-	-	30	30
East Germany	4,600	3,600	-	-	-	-	-	30	700
Hungary	960	600	-	-	-	-	-	130	180
Poland	4,600	4,300	-	-	-	-	-	290	-
Soviet Union	5,780	-	-	-	-	-	-	1,900	2,500
<b>Europe, other</b>	<b>6,550</b>	<b>815</b>	<b>3,495</b>	<b>130</b>	-	<b>610</b>	<b>820</b>	-	-
Spain	2,430	-	2,100	80	-	30	10	-	-
Sweden	480	-	430	-	-	-	10	-	-
Switzerland	2,215	-	675	-	-	500	800	-	-
Yugoslavia	815	675	130	-	-	-	-	-	-
<b>Latin America</b>	<b>17,815</b>	<b>9,730</b>	<b>2,170</b>	<b>825</b>	-	<b>145</b>	<b>1,480</b>	<b>380</b>	<b>135</b>
Argentina	750	-	70	5	-	-	575	-	-
Chile	340	-	10	70	-	60	130	-	-
Colombia	820	-	120	-	-	-	650	-	-
Cuba	8,830	7,400	-	-	-	-	-	350	130
Ecuador	370	-	80	100	-	-	-	-	-
Peru	860	220	110	340	-	70	-	-	-
Venezuela	1,180	-	575	30	-	-	-	-	5
<b>Middle East</b>	<b>89,065</b>	<b>26,640</b>	<b>16,300</b>	<b>12,750</b>	<b>8,270</b>	<b>3,155</b>	<b>1,360</b>	<b>1,370</b>	<b>1,100</b>
Egypt	6,425	460	2,800	825	450	170	50	-	-
Iran	10,520	5	10	100	2,500	100	10	70	20
Iraq	29,650	15,400	-	3,100	2,800	30	675	675	750
Israel	6,100	-	6,100	-	-	-	-	-	-
Jordan	1,730	875	480	120	-	110	5	-	-
Kuwait	1,325	180	210	525	-	110	150	-	-
Saudi Arabia	19,530	5,800	7,500	2,500	2,100	-	-	-	-
Syria	8,255	6,900	-	20	20	-	10	625	330
Yemen (Sanaa)	1,420	1,300	30	-	-	5	-	-	-
<b>North America</b>	<b>3,765</b>	-	<b>850</b>	<b>10</b>	-	<b>1,100</b>	<b>650</b>	-	-
Canada	910	-	850	-	-	-	-	-	-
United States	2,855	-	-	10	-	1,100	650	-	-

- Represents zero. <sup>1</sup> Includes countries not shown separately.Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual.

**No. 551. Arms Delivered, by Selected Supplier and Major Weapon Type: 1984-88**

[The suppliers included are the five largest single exporters of major weapons in terms of magnitude of deliveries as well as other countries of the two major alliances; excluded are Albania, Bulgaria, Greece, Malta, Spain, Turkey, and Yugoslavia]

TYPE OF WEAPON	Total <sup>1</sup>	Soviet Union	Other Warsaw Pact	United States <sup>2</sup>	France	United Kingdom	Other NATO	China: Mainland
<b>Land armaments:</b> Tanks . . . . .	7,287	3,680	885	848	85	130	62	1,245
Anti-air artillery . . . . .	2,765	1,215	114	44	25	36	118	830
Field artillery . . . . .	9,586	3,590	85	812	209	4	1,243	1,411
Armored personnel carriers . . . . .	14,884	7,455	1,690	1,338	910	44	915	1,410
<b>Naval craft:</b> Major surface combatants <sup>5</sup>	80	26	4	1	7	13	21	2
Other surface combatants <sup>6</sup>	507	108	2	22	18	40	22	17
Submarines . . . . .	27	11	-	-	-	-	13	2
Missile attack boats . . . . .	27	4	-	-	1	-	8	14
<b>Aircraft:</b> Combat aircraft (supersonic) . . . . .	1,737	1,035	-	372	146	62	-	75
Combat aircraft (subsonic) . . . . .	402	123	-	143	18	70	-	44
Other aircraft <sup>7</sup> . . . . .	1,537	430	154	167	73	21	252	28
Helicopters . . . . .	1,652	950	39	206	284	11	85	-
Missiles (surface-to-air) . . . . .	28,018	16,480	5,100	1,707	1,082	550	84	735

- Represents zero. <sup>1</sup> Includes other countries not shown separately. <sup>2</sup> United States data are by fiscal years, while other suppliers' data are by calendar years. <sup>3</sup> Includes weapons over 23 millimeters. <sup>4</sup> Includes mobile rocket launchers, mortars, and recoilless rifles over 100 millimeters. <sup>5</sup> Includes aircraft carriers, cruisers, destroyers, destroyer escorts, and frigates. <sup>6</sup> Includes motor torpedo boats, subchasers, and minesweepers. <sup>7</sup> Includes reconnaissance aircraft, trainers, transports, and utility aircraft.

Source: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual.

**No. 552. Estimates of Total Dollar Costs of American Wars**

[In millions of dollars, except percent. Service-connected veterans' benefits estimated at 40 percent of total veterans benefits, except as noted]

ITEM	World War II	Vietnam Conflict	Korean Conflict	World War I	Civil War: Union	Civil War: Confederacy	Spanish American War	American Revolution	War of 1812	Mexican War
Original incremental, direct costs: <sup>1</sup>										
Current dollars . . . . .	380,000	140,600	50,000	32,700	2,300	1,000	270	100-140	89	82
Constant (1967) dollars . . . . .	816,300	148,800	69,300	100,000	8,500	3,700	1,100	400-680	170	300
Percent 1 year's GNP . . . . .	188	14	15	43	74	123	2	104	14	4
Service-connected benefits <sup>2</sup> . . . . .	96,666	32,288	19,512	19,580	3,290	-	2,111	28	20	26
Interest, pmts. on war loans <sup>3</sup> . . . . .	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	11,000	1,200	( <sup>4</sup> )	60	20	14	10
Current cost to 1988 <sup>5</sup> . . . . .	456,666	172,288	69,512	63,280	6,790	( <sup>4</sup> )	2,441	170	120	120

- Represents zero. <sup>1</sup> Figures are rounded and taken from Claudia D. Goldin, *Encyclopedia of American Economic History*, p. 938. <sup>2</sup> Total cost to Oct. 1, 1988. For World War I and later wars, benefits are actual service-connected figures from Annual Report of Veterans Administration. For earlier wars, service-connected veterans' benefits are estimated at 40 percent of total, the approximate ratio of service-connected to total benefits since World War I. <sup>3</sup> Total cost to 1986. Interest payments are a very rough approximation based on the percentage of the original costs of each war financed by money creation and debt, the difference between the level of public debt at the beginning of the war and at its end, and the approximate time required to pay off the war debts. <sup>4</sup> Unknown. <sup>5</sup> Figures are rounded estimates.

Source: Originally presented in U.S. Congress, Joint Economic Committee, *The Military Budget and National Economic Priorities*, Part 1, 91st Congress, 1st session (Statement of James L. Clayton); subsequently revised and updated by James L. Clayton, University of Utah, Salt Lake City, Utah.

**No. 553. U.S. Military Sales and Assistance to Foreign Governments: 1950 to 1989**

[In millions of dollars, except as indicated. For fiscal year ending in year shown; see text section 9. Department of Defense (DOD) sales deliveries cover deliveries against DOD sales orders authorized under Arms Export Control Act, as well as earlier and applicable legislation. For details regarding individual programs, see source]

ITEM	1950-1979 <sup>1</sup>	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Military sales agreements . . . . .	71,965	12,431	6,409	16,824	14,560	13,350	10,678	6,732	6,834	12,094	10,864
Weapons and ammunition . . . . .	30,568	6,313	1,889	6,750	7,748	6,232	3,500	2,282	1,866	5,217	4,400
Support equipment <sup>2</sup> . . . . .	9,477	848	944	3,645	1,061	1,921	1,733	674	793	1,024	1,082
Spare parts and modifications . . . . .	16,296	1,572	2,266	3,365	3,086	2,611	2,372	1,617	1,757	3,159	2,517
Support services . . . . .	15,624	3,698	1,310	3,064	2,665	2,586	3,073	2,159	2,418	2,694	2,865
Military construction sales agreements . . . . .	12,091	1,596	882	86	22	342	948	70	144	258	56
Military sales deliveries <sup>3</sup> . . . . .	48,444	7,208	9,088	10,558	13,001	9,664	8,493	7,915	11,506	9,307	7,715
Military sales financing <sup>4</sup> . . . . .	19,855	1,950	3,046	3,884	5,107	5,716	4,940	4,947	4,053	4,049	4,273
Military assistance programs <sup>5</sup> . . . . .	53,661	266	250	395	413	700	812	841	976	702	542
Military assistance program deliveries <sup>6</sup> . . . . .	53,060	435	309	416	173	129	22	27	39	19	14
IMET program/deliveries <sup>6</sup> . . . . .	1,946	25	28	44	47	52	55	51	55	46	47
Students trained (1,000) <sup>5</sup> . . . . .	497	4	5	6	7	6	4	6	6	6	5

<sup>1</sup> Includes transition quarter, July-September 1976. <sup>2</sup> Includes aircraft, ships, support vehicles, communications equipment, and other supplies. <sup>3</sup> Includes military construction sales deliveries. <sup>4</sup> Includes Military Assistance Service Funded (MASF) program data, Section 506(a) drawdown authority, and MAP Merger Funds as follows: FY 1982-\$134 million; FY 1983-\$324 million; FY 1984-\$642 million; FY 1985-\$758 million; FY 1986-\$752 million; FY 1987-\$906 million; FY 1988-\$684 million; FY 1989-\$427 million. <sup>5</sup> Includes Military Assistance Service Funded (MASF) program data and Section 506(a) drawdown authority. <sup>6</sup> IMET=International Military Education and Training program.

Source: U.S. Defense Security Assistance Agency, *Foreign Military Sales, Foreign Military Construction Sales, and Military Assistance Facts*, annual, and unpublished data.

### No. 554. U.S. Military Sales Deliveries to Foreign Governments, by Country: 1950 to 1989

[In millions of dollars. For fiscal years ending in year shown; see text, section 9. Represents Department of Defense military sales]

COUNTRY	1950-1981 <sup>1</sup>	1982	1983	1984	1985	1986	1987	1988	1989	
									Total	Percent distribution
<b>Total<sup>2</sup></b>	<b>64,740</b>	<b>10,556</b>	<b>13,001</b>	<b>9,664</b>	<b>8,493</b>	<b>7,915</b>	<b>11,506</b>	<b>9,307</b>	<b>7,715</b>	<b>100.00</b>
Australia	1,962	127	322	395	522	409	609	862	401	5.20
Belgium	895	294	273	196	119	28	27	223	153	1.99
Canada	1,473	116	111	139	73	114	127	214	161	2.09
China: Taiwan	1,579	386	389	275	339	247	376	494	352	4.56
Denmark	595	200	159	40	47	24	62	154	101	1.31
Egypt	657	945	1,007	313	599	620	1,029	537	333	4.31
El Salvador	6	17	28	77	114	108	79	94	92	1.19
France	389	16	14	45	45	143	99	37	37	0.48
Greece	1,434	131	157	105	115	73	79	129	139	1.80
Indonesia	206	15	29	18	18	13	24	33	39	0.50
Israel	7,177	838	259	215	479	192	1,295	753	233	3.02
Italy	777	25	26	54	55	66	75	62	65	0.85
Japan	846	330	386	333	390	152	249	213	177	2.29
Jordan	842	122	256	77	122	63	55	59	65	0.84
Kuwait	583	86	72	49	34	71	59	41	62	0.81
Morocco	479	56	50	69	49	37	43	74	34	0.44
Netherlands	1,018	450	517	402	339	284	425	299	441	5.71
Norway	773	249	251	191	30	43	77	119	99	1.28
Pakistan	401	145	249	439	327	128	134	139	180	2.33
Philippines	155	22	11	14	16	37	32	70	73	0.95
Portugal	20	9	13	26	98	27	27	15	32	0.42
Saudi Arabia	14,108	3,932	6,032	3,575	2,270	2,788	3,475	1,364	1,111	14.40
Singapore	196	23	83	33	22	135	143	198	39	0.50
South Korea	1,820	213	298	258	258	354	353	335	331	4.29
Spain	799	91	68	66	93	263	826	638	687	8.91
Sudan	84	71	12	24	25	28	26	25	18	0.24
Thailand	721	140	160	162	118	117	95	314	214	2.77
Tunisia	84	12	25	85	155	26	44	21	25	0.33
Turkey	791	188	150	305	390	280	279	735	697	9.03
United Kingdom	2,783	328	478	447	386	361	199	181	133	1.72
Venezuela	245	19	33	129	196	68	50	28	13	0.17
West Germany	6,726	419	323	336	222	206	325	324	572	7.41

<sup>1</sup> Includes transactions for the transition quarter, July-September 1976. <sup>2</sup> Includes countries not shown.

Source: U.S. Defense Security Assistance Agency, *Foreign Military Sales, Foreign Military Construction Sales, and Military Assistance Facts*, annual.

### No. 555. Summary of Active and Reserve Military Personnel and Forces: 1989 to 1991

ITEM	1989	1990, est	1991, est	ITEM	1989	1990, est	1991, est
Military personnel (1,000):				Marine divisions	3	3	3
Active	2,130	2,076	2,039	Reserves	1	1	1
Army	770	744	728	Naval forces (total):			
Navy	593	591	585	Total naval vessels	566	551	546
Air Force	571	545	530	Aircraft carriers	14	14	14
Marine Corps	197	197	197	Battleships	4	4	2
Guard and Reserve	1,171	1,155	1,152	Nuclear attack submarines	96	91	86
Army	776	757	757	Amphibious assault ships	65	64	66
Navy	152	153	150	Sealift fleet	69	68	66
Air Force	199	201	202	Air Forces:			
Marine Corps	44	44	44	Air Force fighter wings (equiv.):			
Strategic forces:				Active	25	24	24
Intercontinental ballistic missiles:				Reserves	12	12	12
Peacekeeper	50	50	50	Navy attack wings: Active	13	13	13
Minuteman	950	950	950	Reserves	2	2	2
Poseidon-Trident	576	608	656	Marine Corps wings: Active	3	3	3
Strategic bomber squadrons	21	19	19	Reserves	1	1	1
General purpose forces:				Air Force B-52 squadrons: Active	3	2	2
Land forces:				Reserves	-	-	-
Army divisions (Active)	18	18	16	Strategic airlift squadrons: Active	20	20	20
Reserves	10	10	10	Reserves	5	5	5

- Represents zero.

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

## No. 556. Active Duty Military Personnel—U.S./Soviet Union Summary: 1980—1989

(In thousands)

ITEM	1980	1982	1983	1984	1985	1986	1987	1988	1989	Net change, 1980-1989
Strategic nuclear services:										
United States <sup>1</sup>	140	140	139	139	134	130	98	93	67	-73
Soviet Union <sup>2</sup>	901	775	773	773	773	805	811	800	842	-59
Tactical/mobility services:										
United States	1,910	1,969	2,030	2,046	2,061	2,072	2,067	2,040	1,945	35
Army	776	780	779	781	778	775	775	772	769	-7
Navy	506	534	538	545	554	561	566	571	570	64
Air Force	440	463	518	523	531	537	526	500	409	-31
Marine Corps	188	192	195	197	198	199	200	197	197	9
Soviet Union <sup>3</sup>	3,289	3,703	3,805	3,905	3,953	3,963	3,676	3,603	3,423	134
Ground Forces	2,450	2,840	2,930	3,020	3,020	3,030	2,800	2,725	2,535	85
Navy	407	418	429	436	463	463	440	450	450	43
Air Force <sup>3</sup>	420	431	431	433	454	454	420	410	420	-
Naval Infantry	12	14	15	16	16	16	16	18	18	6

<sup>1</sup> Represents or rounds to zero. <sup>2</sup> Change between 1986 and 1987 reflect changes in counting rules, not actual reductions.<sup>2</sup> Sudden decreases in 1982 resulted from the Soviet reorganization of its former long-range aviation and air defense forces.<sup>3</sup> Decrease in 1987 was a result of reassessment.

## No. 557. Intercontinental Ballistic Missiles (ICBMs), Submarines, and Bombers—U.S. and Soviet Union Balance: 1980 to 1989

WEAPONS SYSTEM	1980	1983	1984	1985	1986	1987	1988	1989	NET CHANGE	
									1980-1989	1988-1989
ICBMs:										
United States <sup>1</sup>	1,052	1,040	1,030	1,017	999	996	1,000	1,000	-52	-
Minuteman II	450	450	450	450	450	450	450	450	-	-
Minuteman III	550	550	550	550	534	514	500	500	-50	-
Peacekeeper (MX)	-	-	-	-	10	32	50	50	50	-
Soviet Union	1,398	1,398	1,398	1,398	1,418	1,389	1,348	(NA)	(NA)	(NA)
SS-11	640	520	520	448	440	420	400	350	-290	-50
SS-13	60	60	60	60	60	60	60	60	-	-
SS-17	150	150	150	150	150	145	125	75	-75	-50
SS-18	308	308	308	308	308	308	308	308	-	-
SS-19	240	360	360	360	360	350	330	300	60	-30
SS-24	-	-	-	-	-	6	12	60	60	48
SS-25	-	-	-	72	100	100	125	220	220	95
Warheads:										
United States	2,152	2,140	2,130	2,117	2,157	2,312	2,450	2,450	298	-
Soviet Union	5,002	6,420	6,420	6,420	6,440	6,400	6,265	(NA)	(NA)	(NA)
Submarine systems:										
SLBMs: <sup>2</sup>										
United States	576	568	592	600	640	640	608	656	80	48
Trident I	80	264	288	312	384	384	384	384	304	-
Poseidon	416	304	304	288	256	256	224	224	-192	-
Polaris A-3	80	-	-	-	-	-	-	(NA)	(NA)	(NA)
Soviet Union	985	961	946	931	967	969	966	924	-61	-42
SS-N-5	57	45	42	39	39	27	24	-	-57	-24
SS-N-6	484	368	336	304	272	256	240	192	-272	-48
SS-N-8	292	292	292	292	292	286	286	280	-12	-6
SS-N-17	12	12	12	12	12	12	12	12	-	-
SS-N-18	160	224	224	224	224	224	224	224	64	-
SS-N-20	-	20	40	60	80	100	100	120	120	20
SS-N-23	-	-	-	-	48	64	80	96	96	16
Warheads:										
United States	4,880	5,152	5,344	5,376	5,632	5,632	5,312	5,696	816	384
Soviet Union	1,625	1,957	2,122	2,307	2,695	2,941	3,082	3,362	1,737	280
Bombers:										
United States	376	297	297	297	312	363	372	358	-18	-14
B-1B	-	-	-	-	26	81	90	90	90	-
B-52D	75	-	-	-	-	-	-	-	-75	-
B-52G	151	151	151	151	150	150	150	136	-15	-14
B-52H	90	90	90	90	84	84	84	84	-6	-
FB-111	60	56	56	56	52	48	48	48	-12	-
Soviet Union	220	260	300	325	325	326	350	335	115	-15
M-4 Bison	45	45	45	30	15	1	-	-	-45	-
Tu-95 BEAR	100	100	100	100	100	100	100	60	-40	-40
Tu-95 BEAR-H	-	-	25	50	50	60	75	80	80	5
Tu-22M Backfire	75	115	130	145	160	165	175	195	120	20

- Represents zero. NA Not available. <sup>1</sup> Includes weapons not shown separately. <sup>2</sup> Submarine-launched ballistic missile.Source of tables 556 and 557: The Congress of the United States, Library of Congress, Congressional Research Service, *U.S./Soviet Military Balance, Statistical Trends, 1980-1990*, July 1990.

**No. 558. Department of Defense Manpower: 1950 to 1989**

[In thousands. As of end of fiscal year; see text, section 9. Includes National Guard, Reserve, and retired regular personnel on extended or continuous active duty. Excludes Coast Guard. Other officer candidates are included under enlisted personnel. See also *Historical Statistics, Colonial Times to 1970*, series Y 904-916]

YEAR	Total <sup>1 2</sup>	ARMY			NAVY <sup>3</sup>			MARINE CORPS			AIR FORCE		
		Total <sup>2</sup>	Offic- ers	Enlist- ed	Total <sup>2</sup>	Offic- ers	Enlist- ed	Total <sup>2</sup>	Offic- ers	Enlist- ed	Total <sup>2</sup>	Offic- ers	Enlist- ed
1950	1,459	593	73	519	381	45	333	74	7	67	411	57	354
1955	2,935	1,109	122	986	661	75	583	205	18	187	960	137	823
1960	2,475	873	101	770	617	70	545	171	16	154	815	130	683
1961	2,483	859	100	757	626	70	552	177	16	161	821	129	690
1962	2,806	1,066	116	949	664	75	585	191	17	174	884	135	746
1963	2,699	976	108	866	664	78	584	190	17	173	869	134	733
1964	2,686	973	111	861	666	76	585	190	17	173	857	133	721
1965	2,654	969	112	855	670	78	588	190	17	173	825	132	690
1966	3,092	1,200	118	1,080	743	80	659	262	21	241	887	131	753
1967	3,375	1,442	144	1,297	750	82	664	285	24	262	897	135	759
1968	3,546	1,570	166	1,402	764	85	674	307	25	283	905	140	762
1969	3,458	1,512	173	1,337	774	85	684	310	26	284	862	135	723
1970	3,065	1,323	167	1,153	691	81	606	260	25	235	791	130	657
1971	2,713	1,124	149	972	622	75	542	212	22	191	755	126	625
1972	2,322	811	121	687	587	73	511	198	20	178	726	122	600
1973	2,252	801	116	682	564	71	490	196	19	177	691	115	572
1974	2,162	783	106	674	546	67	475	189	19	170	644	110	529
1975	2,128	784	103	678	535	66	466	196	19	177	613	105	503
1976	2,082	779	99	678	525	64	458	192	19	174	585	100	481
1977	2,075	782	98	680	530	63	462	192	19	173	571	96	470
1978	2,062	772	98	670	530	63	463	191	18	172	570	95	470
1979	2,027	759	97	657	523	62	457	185	18	167	559	96	459
1980	2,051	777	99	674	527	63	460	188	18	170	558	98	456
1981	2,083	781	102	675	540	65	470	191	18	172	570	99	467
1982	2,109	780	103	673	553	67	481	192	19	173	583	102	476
1983	2,123	780	106	669	558	68	485	194	20	174	592	105	483
1984	2,138	780	108	668	565	69	491	196	20	176	597	106	486
1985	2,151	781	110	667	571	71	495	198	20	178	602	108	489
1986	2,169	781	110	667	581	72	504	199	20	179	608	109	495
1987	2,174	781	108	668	587	72	510	200	20	179	607	107	495
1988	2,138	772	107	660	593	72	516	197	20	177	576	105	467
1989	2,130	770	107	658	593	72	516	197	20	177	571	104	463

<sup>1</sup> Beginning 1980, excludes Navy Reserve personnel on active duty for Training and Administration of Reserves (TARS). From 1969, includes the Full-Time Guard and Reserve. <sup>2</sup> Includes Cadets. <sup>3</sup> Prior to 1980, includes Navy Reserve personnel on active duty for Training and Administration of Reserves (TARS).

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual.

**No. 559. Military Personnel on Active Duty, by Service: 1975 to 1989**

[In thousands. As of end of fiscal year; see text, section 9. Includes National Guard, Reserve, and retired regular personnel on extended or continuous active duty. Excludes Coast Guard. Military cadets, Naval Academy midshipmen, Air Force Academy cadets, and other officer candidates are included under enlisted personnel. See also *Historical Statistics, Colonial Times to 1970*, series Y 904-916]

BRANCH OF SERVICE	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Total	2,129	2,062	2,027	2,052	2,084	2,110	2,124	2,140	2,151	2,169	2,174	2,138	2,130
Army	784	772	759	777	781	780	780	780	781	781	781	772	770
Officers	103	98	97	99	102	103	106	108	110	110	108	107	107
Enlisted	678	670	657	674	675	673	669	668	667	667	668	660	658
Cadets	3.0	4.3	4.3	4.4	4.5	4.6	4.6	4.6	4.5	4.6	4.4	4.4	4.5
Navy	535	530	523	527	540	553	558	565	571	581	587	593	593
Officers	66	63	62	63	65	67	68	69	71	72	72	72	72
Enlisted	466	463	457	460	470	481	485	491	495	504	510	516	516
Midshipmen	3.3	3.7	3.8	4.5	4.6	4.5	4.5	4.5	4.6	4.7	4.6	4.6	4.6
Marine Corps	196	191	185	188	191	192	194	196	198	199	200	197	197
Officers	19	18	18	18	18	19	20	20	20	20	20	20	20
Enlisted	177	172	167	170	172	173	174	176	178	179	179	177	177
Air Force	613	570	559	558	570	583	592	597	602	608	607	576	571
Officers	105	95	96	98	99	102	105	106	108	109	107	105	104
Enlisted	503	470	459	456	467	476	483	486	489	495	495	467	463
Cadets	4.4	4.4	4.4	4.4	4.4	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.4

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual.

**No. 560. Military Personnel on Active Duty, by Location: 1970 to 1989**

[In thousands, 1970 and 1975, as of Dec. 31; thereafter, as of end of fiscal year; see text, section 9]

ITEM	1970	1975	1980	1982	1983	1984	1985	1986	1987	1988	1989
<b>Total</b> . . . . .	<b>2,874</b>	<b>2,084</b>	<b>2,051</b>	<b>2,109</b>	<b>2,123</b>	<b>2,138</b>	<b>2,151</b>	<b>2,169</b>	<b>2,174</b>	<b>2,138</b>	<b>2,130</b>
Shore-based <sup>1</sup> . . . . .	2,627	1,884	1,840	1,880	1,889	1,908	1,920	1,929	1,928	1,891	1,884
Afloat <sup>2</sup> . . . . .	247	200	211	229	234	230	231	240	246	248	246
United States <sup>3</sup> . . . . .	1,987	1,630	1,562	1,580	1,604	1,628	1,636	1,644	1,650	1,598	1,620
Foreign countries . . . . .	887	455	488	528	519	510	516	526	524	541	510

<sup>1</sup> Includes Navy personnel temporarily on shore. <sup>2</sup> Includes Marine Corps. <sup>3</sup> Includes outlying areas.Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual; and unpublished data.**No. 561. Military Personnel on Active Duty in Foreign Countries: 1989**

(As of end of fiscal year)

COUNTRY	1989	COUNTRY	1989	COUNTRY	1989
<b>Total</b> . . . . .	<b>509,873</b>	<b>China</b> . . . . .	<b>32</b>	<b>Afloat</b> . . . . .	<b>8,288</b>
Ashore . . . . .	452,916	Hong Kong . . . . .	35	Western Hemisphere <sup>1</sup> . . . . .	21,462
Afloat . . . . .	56,957	Indonesia . . . . .	35	Antigua . . . . .	66
Western Europe <sup>1</sup> . . . . .	341,278	Japan . . . . .	49,861	Bahamas, The . . . . .	27
Austria . . . . .	30	New Zealand . . . . .	59	Bermuda . . . . .	1,174
Denmark . . . . .	68	Philippines . . . . .	14,745	Brazil . . . . .	51
France . . . . .	83	Rep. of Korea . . . . .	44,461	Canada . . . . .	551
Germany, F. Rep. <sup>2</sup> . . . . .	248,621	Singapore . . . . .	29	Colombia . . . . .	42
Greece . . . . .	3,382	Thailand . . . . .	161	Costa Rica . . . . .	32
Greenland . . . . .	192	Afloat . . . . .	24,747	Cuba (Guantanamo) . . . . .	2,467
Iceland . . . . .	3,237	Africa, Near East, . . . . .	11,829	El Salvador . . . . .	93
Italy . . . . .	15,706	and South Asia <sup>1</sup> . . . . .	168	Honduras . . . . .	1,158
Netherlands . . . . .	2,882	Bahrain . . . . .	1,048	Mexico . . . . .	31
Norway . . . . .	220	British Indian Ocean Ter. . . . .	1,182	Panama . . . . .	12,719
Portugal . . . . .	2,013	Egypt . . . . .	31	Peru . . . . .	43
Spain . . . . .	8,735	India . . . . .	75	Venezuela . . . . .	40
Switzerland . . . . .	32	Israel . . . . .	30	Afloat . . . . .	2,733
Turkey . . . . .	4,862	Kenya . . . . .	41	Antarctica . . . . .	57
United Kingdom . . . . .	27,639	Morocco . . . . .	37	Eastern Europe <sup>1</sup> . . . . .	207
Afloat . . . . .	21,189	Pakistan . . . . .	416	German Dem. Rep. . . . .	53
E. Asia and Pac. <sup>1</sup> . . . . .	134,912	Saudi Arabia . . . . .	34	U.S.S.R. . . . .	54
Australia . . . . .	717	United Arab Emirates . . . . .			

<sup>1</sup> Includes items not shown separately. <sup>2</sup> Includes West Berlin.Source: U.S. Department of Defense, *Selected Manpower Statistics*, annual.**No. 562. Coast Guard Personnel on Active Duty: 1970 to 1989**

(As of end of fiscal year; see text, section 9)

YEAR	Total	Officers	Cadets	Enlisted	YEAR	Total	Officers	Cadets	Enlisted
1970 . . . . .	37,689	5,512	653	31,524	1984 . . . . .	38,705	6,790	759	31,156
1975 . . . . .	36,788	5,630	1,177	29,981	1985 . . . . .	38,595	6,775	733	31,087
1979 . . . . .	38,559	6,340	806	31,413	1986 . . . . .	37,284	6,577	754	29,953
1980 . . . . .	39,381	6,463	877	32,041	1987 . . . . .	38,576	6,644	859	31,073
1981 . . . . .	39,760	6,519	981	32,260	1988 . . . . .	37,723	6,530	887	30,306
1982 . . . . .	38,248	6,431	902	30,915	1989 . . . . .	37,453	6,614	867	29,972
1983 . . . . .	39,708	6,535	811	32,362					

Source: U.S. Dept. of Transportation, *Annual Report of the Secretary of Transportation*.**No. 563. Vietnam Conflict—U.S. Military Forces in Vietnam, and Casualties: 1957 to 1990**

[Military forces as of Dec. 31. All U.S. forces withdrawn by Jan. 27, 1973]

ITEM	Unit	1957-1990, total	1957-1964	1965	1966	1967	1968	1969	1970	1971	1972	1973-1990
<b>Military forces</b> . . . . .	<b>1,000</b> . . . . .	<b>(X)</b>	<b>123.3</b>	<b>184.3</b>	<b>385.3</b>	<b>485.6</b>	<b>536.1</b>	<b>475.2</b>	<b>234.6</b>	<b>156.8</b>	<b>24.2</b>	<b>-</b>
<b>Battle deaths</b> <sup>2</sup> . . . . .	<b>Number</b> . . . . .	<b>47,355</b>	<b>279</b>	<b>1,432</b>	<b>5,047</b>	<b>9,463</b>	<b>14,623</b>	<b>9,426</b>	<b>4,230</b>	<b>1,376</b>	<b>361</b>	<b>1,118</b>
<b>Killed</b> . . . . .	<b>Number</b> . . . . .	<b>38,498</b>	<b>197</b>	<b>1,124</b>	<b>4,142</b>	<b>12,624</b>	<b>7,525</b>	<b>8,117</b>	<b>3,486</b>	<b>1,082</b>	<b>205</b>	<b>-</b>
<b>Died of wounds</b> . . . . .	<b>Number</b> . . . . .	<b>5,210</b>	<b>10</b>	<b>111</b>	<b>579</b>	<b>979</b>	<b>1,598</b>	<b>1,168</b>	<b>555</b>	<b>160</b>	<b>28</b>	<b>22</b>
<b>Died while missing</b> . . . . .	<b>Number</b> . . . . .	<b>3,647</b>	<b>72</b>	<b>197</b>	<b>326</b>	<b>959</b>	<b>401</b>	<b>141</b>	<b>189</b>	<b>134</b>	<b>128</b>	<b>1,068</b>

- Represents zero. X Not applicable. <sup>1</sup> For 1964 only. <sup>2</sup> Casualties from enemy action. Deaths exclude 10,796 servicemen who died in accidents or from disease. <sup>3</sup> Includes servicemen who died while captured.

Source: National Archives and Records Administration, unpublished data from Combat Area Casualties database.

**No. 564. Armed Forces Personnel—Summary of Major Conflicts**

[For Revolutionary War, number of personnel serving not known, but estimates range from 184,000 to 250,000; for War of 1812, 286,730 served; for Mexican War, 78,718 served. Dates of the major conflicts may differ from those specified in various laws providing benefits for veterans. See table 563 for data on Vietnam conflict. See also *Historical Statistics, Colonial Times to 1970*, series Y 856-903]

ITEM	Unit	Civil War <sup>1</sup>	Spanish-American War	World War I	World War II	Korean conflict	Vietnam conflict
Personnel serving <sup>2</sup>	1,000	2,213	307	4,735	<sup>3</sup> 16,113	<sup>4</sup> 5,720	<sup>5</sup> 8,744
Average duration of service	Months	20	8	12	33	19	23
Service abroad: Personnel serving	Percent.	(NA)	<sup>6</sup> 29	53	73	<sup>7</sup> 56	(NA)
Average duration	Months	(NA)	1.5	6	16	13	(NA)
Casualties: <sup>8</sup> Battle deaths <sup>2</sup>	1,000	140	(Z)	53	292	34	<sup>10</sup> 47
Wounds not mortal <sup>2</sup>	1,000	282	2	204	671	103	<sup>10</sup> 153
Draftees: Classified	1,000	777	(X)	24,234	36,677	9,123	<sup>5</sup> 75,717
Examined	1,000	522	(X)	3,764	17,955	3,685	<sup>5</sup> 8,611
Rejected	1,000	160	(X)	803	6,420	1,189	<sup>5</sup> 3,880
Inducted	1,000	46	(X)	2,820	10,022	1,560	<sup>5</sup> 1,759

NA Not available. X Not applicable. Z Fewer than 500. <sup>1</sup> Union forces only. Estimates of the number serving in Confederate forces range from 600,000 to 1.5 million. <sup>2</sup> Source U.S. Department of Defense, *Selected Manpower Statistics, FY 1988*, annual. <sup>3</sup> Covers Dec. 1, 1941, to Dec. 31, 1946. <sup>4</sup> Covers June 25, 1950, to July 27, 1953. <sup>5</sup> Covers Aug. 4, 1964, to Jan. 27, 1973. <sup>6</sup> Army and Marines only. Excludes Navy. Covers July 1950 through Jan. 1955. Far East area only. <sup>7</sup> During hostilities only. For periods covered, see footnotes 3, 4, and 5. <sup>8</sup> Covers Jan. 1, 1961, to Jan. 27, 1973. Includes known military service personnel who have died from combat related wounds.

Source: Except as noted, the President's Commission on Veterans' Pensions, *Veterans' Benefits in the United States*, vol. I, 1956; and U.S. Dept. of Defense, unpublished data.

**No. 565. Enlisted Military Personnel Accessions: 1980 to 1989**

[In thousands. For years ending Sept. 30]

BRANCH OF SERVICE	1980	1985	1988	1989	BRANCH OF SERVICE	1980	1985	1988	1989
<b>Total</b> . . . . .	<b>582</b>	<b>529</b>	<b>532</b>	<b>530</b>	<b>Marine Corps</b> . . . . .	<b>58</b>	<b>57</b>	<b>52</b>	<b>49</b>
<b>Army</b> . . . . .	<b>265</b>	<b>200</b>	<b>210</b>	<b>224</b>	First enlistments . . . . .	42	36	35	33
First enlistments . . . . .	163	117	105	112	Reenlistments . . . . .	15	19	16	16
Reenlistments . . . . .	97	84	104	111					
<b>Navy</b> . . . . .	<b>127</b>	<b>139</b>	<b>149</b>	<b>155</b>	<b>Air Force</b> . . . . .	<b>132</b>	<b>132</b>	<b>121</b>	<b>102</b>
First enlistments . . . . .	75	67	73	74	First enlistments . . . . .	76	68	42	44
Reenlistments . . . . .	36	50	52	62	Reenlistments . . . . .	56	64	79	58

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual.

**No. 566. Military Personnel on Active Duty and Monthly Basic Pay: 1985 to 1989**

[Personnel as of Sept. 30; basic pay as of January, except as noted]

RANK/GRADE	PERSONNEL (1,000)				MONTHLY BASIC PAY (dollars)			
	1985	1987	1988	1989	1985	1987	1988	1989
Total <sup>1</sup>	2,151.0	2,174.2	2,138.2	2,130.2	(X)	(X)	(X)	(X)
Recruit—E-1	127.6	110.5	119.6	128.9	620	658	671	699
Private—E-2	140.6	160.3	145.1	151.9	695	738	753	784
Pvt. 1st class—E-3	336.3	337.2	304.7	281.6	723	767	782	814
Corporal—E-4	444.4	447.2	458.9	456.8	810	860	877	913
Sergeant—E-5	356.2	363.0	360.9	362.1	980	1,040	1,060	1,104
Staff Sgt.—E-6	237.8	245.5	244.5	245.7	1,300	1,379	1,407	1,465
Sgt. 1st class—E-7	131.9	134.9	133.0	134.0	1,584	1,680	1,714	1,784
Master Sgt.—E-8	38.5	39.4	38.3	37.9	1,818	1,929	1,968	2,048
Sgt. Major—E-9	15.1	15.4	15.2	15.1	2,184	2,317	2,363	2,460
Warrant Officer—W-1	2.4	2.1	2.7	3.2	1,495	1,586	1,618	1,685
Chief Warrant—W-4	3.2	3.4	3.2	3.1	2,732	2,898	2,956	3,077
2d Lt.—O-1	39.7	34.5	35.3	34.0	1,189	1,261	1,286	1,339
1st Lt.—O-2	42.7	45.1	42.4	42.0	1,495	1,586	1,618	1,685
Captain—O-3	104.4	105.9	105.8	106.2	2,176	2,308	2,354	2,451
Major—O-4	53.3	53.7	53.2	53.6	2,754	2,921	2,980	3,102
Lt. Colonel—O-5	32.8	33.0	32.9	32.4	3,413	3,621	3,694	3,845
Colonel—O-6	14.7	14.6	14.4	14.0	4,330	4,593	4,685	4,877
Brig. General—O-7	0.5	0.5	0.5	0.5	4,928	5,228	5,333	5,551
Major General—O-8	0.4	0.4	0.4	0.4	5,667	<sup>25</sup> 9,900	<sup>26</sup> 10,422	<sup>26</sup> 10,900
Lt. General—O-9	0.1	0.1	0.1	0.1	<sup>25</sup> 7,225	<sup>25</sup> 9,900	<sup>26</sup> 10,422	<sup>26</sup> 10,900
General—O-10	(Z)	(Z)	(Z)	(Z)	<sup>25</sup> 7,225	<sup>25</sup> 9,900	<sup>26</sup> 10,422	<sup>26</sup> 10,900

X Not applicable. Z Fewer than 50. <sup>1</sup> Includes cadets and midshipmen and warrant officers, W-2 and W-3. <sup>2</sup> Statutory limitation.

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual, and Office of the Comptroller, unpublished data.

**No. 567. Military Reserve Personnel: 1970 to 1989**

[In thousands. As of end of fiscal year; see text, section 9. Excludes U.S. Coast Guard Reserve. The ready reserve includes selected reservists who are intended to assist active forces in a war and the individual ready reserve who, in a major war, would be used to fill out active and reserve units and later would be a source of combat replacements; a portion of the ready reserve serves in an active status. The standby reserve cannot be called to active duty unless the Congress gives its explicit approval. The retired reserve represents a low potential for mobilization]

RESERVE STATUS AND BRANCH OF SERVICE	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
<b>Total reserves</b> . . . . .	<b>3,639</b>	<b>2,656</b>	<b>2,109</b>	<b>2,169</b>	<b>2,267</b>	<b>2,250</b>	<b>2,295</b>	<b>2,310</b>	<b>2,370</b>	<b>2,434</b>	<b>2,455</b>	<b>2,536</b>	<b>2,540</b>
Ready reserve . . . . .	2,574	1,529	1,203	1,263	1,317	1,359	1,419	1,491	1,566	1,613	1,620	1,642	1,631
Standby reserve . . . . .	492	412	103	86	65	52	44	44	44	41	38	34	29
Retired reserve . . . . .	573	715	803	821	885	839	832	775	760	780	798	862	879
Army . . . . .	2,221	1,631	1,173	1,218	1,337	1,360	1,408	1,428	1,481	1,506	1,509	1,525	1,530
Navy . . . . .	808	521	427	438	436	415	423	425	431	464	471	525	522
Air Force . . . . .	610	504	509	514	494	476	463	457	459	462	475	488	488

Source: U.S. Dept. of Defense, *Official Guard and Reserve Manpower Strengths and Statistics*, quarterly.

**No. 568. Ready Reserve Personnel Profile—Race, Age, and Sex: 1989 and 1990**

ITEM	RACE					PERCENT DISTRIBUTION			
	Total	White	Black	Asian	American Indian	White	Black	Asian	American Indian
1989, total . . . . .	1,676,105	1,282,456	372,785	13,237	7,647	76.5	22.2	0.8	0.5
Male . . . . .	1,357,453	1,139,498	199,771	11,573	6,611	68.0	11.9	0.7	0.4
Officers . . . . .	214,783	200,325	12,487	1,664	307	12.0	0.7	0.1	(Z)
Enlisted . . . . .	1,142,670	939,173	187,284	9,909	6,304	56.0	11.2	0.6	0.4
Female . . . . .	318,652	142,958	172,994	1,664	1,036	8.5	10.3	0.1	0.1
Officers . . . . .	35,717	28,760	6,580	313	64	1.7	0.4	(Z)	(Z)
Enlisted . . . . .	282,935	114,198	166,414	1,351	972	6.8	9.9	0.1	0.1
1990, total . . . . .	1,558,867	1,269,278	271,470	14,608	3,511	81.4	17.4	0.9	0.2
Male . . . . .	1,362,014	1,137,557	209,360	12,724	2,373	73.0	13.4	0.8	0.2
Officers . . . . .	218,033	203,061	12,851	1,794	327	13.0	0.8	0.1	(Z)
Enlisted . . . . .	1,143,981	934,496	196,509	10,930	2,046	59.9	12.6	0.7	0.1
Female . . . . .	196,845	131,721	62,110	1,884	1,130	8.4	4.0	0.1	0.1
Officers . . . . .	18,277	11,785	6,095	339	58	0.8	0.4	(Z)	(Z)
Enlisted . . . . .	178,568	119,936	56,015	1,545	1,072	7.7	3.6	0.1	0.1

Z Less than .05 percent.

Source: U.S. Dept. of Defense, *Official Guard and Reserve Manpower Strengths and Statistics*, annual.

**No. 569. Military Reserve Costs: 1970 to 1989**

[In millions of dollars. As of end of fiscal year; see text, section 9. Army and Air Force data include National Guard]

TYPE OF COST	1970	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
<b>Total</b> . . . . .	<b>2,547</b>	<b>7,968</b>	<b>9,997</b>	<b>10,462</b>	<b>12,069</b>	<b>14,300</b>	<b>18,445</b>	<b>19,631</b>	<b>18,961</b>	<b>19,240</b>	<b>20,748</b>
Operations and maintenance . . . . .	994	3,526	4,164	4,716	5,137	5,128	5,734	5,770	6,168	6,670	6,765
Personnel . . . . .	1,083	2,456	3,141	3,912	4,633	5,065	7,703	8,500	8,382	8,837	9,129
Procurement . . . . .	187	1,458	1,953	969	1,627	3,371	5,009	4,383	3,322	2,533	3,520
Active-duty support . . . . .	234	408	506	556	386	433	581	607	609	616	651
Construction . . . . .	49	120	233	309	286	303	408	371	480	584	605

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

**No. 570. National Guard—Summary: 1970 to 1989**

[As of end of fiscal year; see text, section 9. Includes Puerto Rico]

ITEM	Unit	1970	1975	1980	1983	1984	1985	1986	1987	1988	1989
Army National Guard: Units . . . . .	Number . . . . .	3,052	3,245	3,379	3,429	4,351	4,353	5,712	6,125	5,982	5,715
Personnel . . . . .	1,000 . . . . .	410	403	368	418	434	438	446	452	455	457
Funds obligated <sup>2</sup> . . . . .	Mil. dol . . . . .	752	1,322	1,802	2,980	3,093	4,387	4,825	4,955	5,258	5,354
Value of equipment . . . . .	Mil. dol . . . . .	1,600	4,100	7,600	13,100	14,300	18,800	19,700	22,300	27,390	30,129
Air National Guard: Units . . . . .	Number . . . . .	958	1,106	1,054	1,185	1,202	1,184	1,229	1,281	1,272	1,339
Personnel . . . . .	1,000 . . . . .	90	95	96	102	105	109	113	115	115	116
Funds obligated <sup>2</sup> . . . . .	Mil. dol . . . . .	467	890	1,678	2,478	2,488	2,813	2,809	2,886	3,072	3,183
Value of equipment (est.) <sup>3</sup> . . . . .	Mil. dol . . . . .	(NA)	3,100	5,200	6,300	17,500	21,400	26,100	23,668	25,683	27,481

NA Not available. <sup>1</sup> Officers and enlisted personnel. <sup>2</sup> Federal funds; includes personnel, operations, maintenance, and military construction. <sup>3</sup> Beginning 1984, increase due to repricing of aircraft to current year dollars to reflect true replacement value.

Source: National Guard Bureau, *Annual Review of the Chief, National Guard Bureau*, and unpublished data.



## No. 571. Living Veterans—States and Other Areas: 1980 to 1988

[Estimates in thousands. As of end of fiscal year; see text, section 9. Data were estimated starting with veteran's place of residence as of April 1, 1980, based on 1980 Census of Population data, extended to later years on the basis of estimates of veteran interstate migration, separations from the Armed Forces, and mortality; not directly comparable with earlier estimates previously published by the VA. Excludes 423,000 veterans whose only active-duty military service occurred since September 8, 1980, and who failed to satisfy the minimum service requirement. Also excludes a small indeterminate number of National Guard personnel or reservists who incurred service-connected disabilities while on an initial tour of active duty for training only]

YEAR, STATE, AND AREA	Total veter- ans <sup>1</sup>	WAR VETERANS							Service be- tween and Viet- nam only	Post- Viet- nam era <sup>5</sup>
		Total <sup>1</sup>	World War I	World War II <sup>2,3</sup>	Korean conflict		Vietnam era			
					Total <sup>2,3,4</sup>	No prior war- time service <sup>4</sup>	Total <sup>3,4</sup>	No prior war- time service		
1980	28,640	23,965	461	11,720	5,434	4,331	8,118	7,453	3,086	1,120
1981	28,563	23,716	404	11,491	5,393	4,308	8,175	7,513	3,076	1,320
1982	28,399	23,421	348	11,241	5,346	4,280	8,210	7,551	3,064	1,479
1983	28,202	23,109	297	10,978	5,294	4,249	8,238	7,584	3,051	1,623
1984	28,027	22,782	250	10,700	5,237	4,215	8,263	7,616	3,037	1,803
1985	27,732	22,274	206	10,346	5,135	4,143	8,215	7,578	3,009	2,058
1986	27,682	22,017	171	10,076	5,105	4,134	8,264	7,636	3,004	2,283
1987	27,469	21,646	140	9,765	5,034	4,089	8,270	7,652	2,987	2,473
1988, total	<sup>6</sup> 27,279	<sup>6</sup> 21,268	114	<b>9,444</b>	<b>4,960</b>	<b>4,041</b>	<b>8,277</b>	<b>7,669</b>	<b>2,967</b>	<b>2,695</b>
United States	27,155	21,175	113	<b>9,415</b>	<b>4,925</b>	<b>4,010</b>	<b>8,242</b>	<b>7,636</b>	<b>2,956</b>	<b>2,677</b>
Alabama	402	314	2	137	83	66	122	109	43	39
Alaska	73	57	(Z)	14	11	10	35	33	9	6
Arizona	411	325	2	153	75	55	130	115	39	43
Arkansas	266	205	1	96	47	36	81	72	28	25
California	2811	2238	12	983	564	423	903	820	307	226
Colorado	397	310	1	111	74	58	155	139	44	40
Connecticut	388	307	2	144	73	61	104	100	46	30
Delaware	77	60	(Z)	27	14	11	23	21	8	9
District of Columbia	57	44	(Z)	21	12	9	15	14	5	6
Florida	1492	1204	9	651	284	197	410	347	127	135
Georgia	652	496	2	193	120	93	233	208	69	78
Hawaii	101	79	(Z)	32	20	15	37	32	11	10
Idaho	116	90	(Z)	37	20	16	39	37	13	12
Illinois	1233	958	5	431	214	189	342	333	145	115
Indiana	640	477	3	197	108	96	188	182	75	81
Iowa	332	258	2	105	57	52	102	99	35	35
Kansas	283	226	2	99	51	42	89	83	30	24
Kentucky	363	284	2	123	66	56	109	102	40	34
Louisiana	429	331	1	143	75	60	137	127	48	45
Maine	154	120	1	52	28	23	47	44	16	17
Maryland	525	406	2	176	103	80	163	148	59	53
Massachusetts	676	534	4	265	123	102	171	163	75	60
Michigan	1007	756	4	309	164	148	303	296	115	125
Minnesota	489	378	3	149	84	75	156	152	59	48
Mississippi	232	180	1	85	45	36	66	58	24	24
Missouri	629	489	3	214	116	97	187	176	68	65
Montana	106	83	1	33	17	15	36	35	12	10
Nebraska	185	144	1	60	35	30	57	53	21	18
Nevada	138	108	(Z)	45	29	22	48	42	17	12
New Hampshire	141	109	1	45	25	21	47	43	16	15
New Jersey	875	691	4	344	161	139	214	204	103	69
New Mexico	173	135	1	56	31	24	60	54	16	20
New York	1829	1423	8	701	316	282	442	431	203	177
North Carolina	684	534	2	241	126	104	208	187	69	71
North Dakota	72	55	(Z)	20	12	11	24	23	9	8
Ohio	1285	980	5	438	212	187	362	350	142	149
Oklahoma	401	319	2	133	73	57	139	128	41	35
Oregon	345	271	2	113	56	45	117	111	38	32
Pennsylvania	1508	1182	6	579	258	222	389	375	170	130
Rhode Island	118	95	1	47	22	18	32	30	11	10
South Carolina	352	273	1	117	68	52	118	102	36	37
South Dakota	78	61	1	25	15	14	23	21	9	9
Tennessee	522	403	2	171	91	76	167	154	56	56
Texas	1791	1393	6	558	319	248	641	581	191	184
Utah	154	122	1	49	27	22	53	50	17	13
Vermont	63	47	(Z)	19	11	9	20	19	7	8
Virginia	668	516	2	222	142	102	225	189	71	72
Washington	588	462	2	182	111	82	217	195	65	54
West Virginia	222	173	1	80	37	32	65	61	23	23
Wisconsin	561	423	3	174	91	81	170	165	71	62
Wyoming	59	46	(Z)	16	10	8	23	22	7	5
Puerto Rico	124	93	(Z)	29	34	31	35	33	11	18

Z Fewer than 500. <sup>1</sup> Includes peacetime veterans not shown separately, who served only between World War I and World War II, and those who served only between World War II and the Korean conflict. Veterans who served in more than one wartime period are counted only once. Includes Vietnam era (no prior wartime service), Korean conflict (no prior wartime service), World War II, and World War I. <sup>2</sup> Includes 269,000 who served in the Vietnam era, Korean conflict, and World War II. <sup>3</sup> Includes 649,000 who served in both World War II and the Korean conflict. <sup>4</sup> Includes 339,000 who served in both the Korean conflict and the Vietnam era. <sup>5</sup> Service only after May 7, 1975. <sup>6</sup> There is also 1 living Spanish-American War veteran and an estimated 65 living Mexican Border conflict veterans.

Source: U.S. Dept. of Veterans Affairs, Office of Information Management and Statistics, *Veteran Population September 30, 1988*, October, 1988, RCS 70-0561.

### No. 572. Veterans Living in the United States and Puerto Rico, by Age and by Service: 1988

[In thousands, except as indicated. As of Sept. 30. Estimated. Excludes 487,000 veterans whose only active duty military service occurred since Sept. 30, 1980. See headnote, table 571. See *Historical Statistics, Colonial Times to 1970*, series Y 943-956, for all veterans]

AGE	Total veterans	WARTIME VETERANS							PEACETIME VETERANS	
		Total <sup>1</sup>	Vietnam era		Korean conflict		World War II <sup>3,4</sup>	World War I	Total	Post-Vietnam era <sup>5</sup>
			Total <sup>2,3</sup>	No prior wartime service	Total <sup>2,3,4</sup>	No prior wartime service <sup>2</sup>				
All ages . . . . .	27,279	21,268	8,277	7,669	4,950	4,041	9,444	114	6,011	2,695
Under 30 years old . . . . .	1,420	12	12	12	-	-	-	-	1,408	1,408
30-34 years old . . . . .	1,641	690	690	690	-	-	-	-	951	951
35-39 years old . . . . .	2,388	2,147	2,147	2,147	-	-	-	-	240	238
40-44 years old . . . . .	3,448	3,252	3,252	3,252	-	-	-	-	196	51
45-49 years old . . . . .	2,502	1,256	1,242	1,241	15	15	-	-	1,246	24
50-54 years old . . . . .	2,592	1,199	370	256	943	943	-	-	1,393	15
55-59 years old . . . . .	3,237	2,929	279	53	2,693	2,608	269	-	308	6
60-64 years old . . . . .	3,619	3,547	147	13	797	421	3,113	-	72	(2)
65 years old and over . . . . .	6,431	6,237	138	6	512	55	6,062	114	194	1

- Represents zero. Z Less than 500. <sup>1</sup> Veterans who served in more than one wartime period are counted only once. <sup>2</sup> Includes Vietnam era (no prior wartime service), Korean conflict (no prior wartime service), World War II, and World War I. <sup>3</sup> Includes 339,000 who served in both the Korean conflict and the Vietnam era. <sup>4</sup> Includes 269,000 who served in the Vietnam era, Korean conflict, and World War II. <sup>5</sup> Includes 649,000 who served in both World War II and the Korean conflict. <sup>6</sup> Service only after May 7, 1975. <sup>7</sup> There is also 1 living Spanish-American War veteran and an estimated 65 living Mexican Border conflict veterans.

Source: U.S. Dept. of Veterans Affairs, Office of Information Management and Statistics, *Veteran Population*, annual.

### No. 573. Disabled Veterans Receiving Compensation: 1970 to 1988

[In thousands, except as indicated. As of end of fiscal year; see text, section 9. Represents veterans receiving compensation for service-connected disabilities. Totally disabled refers to veterans with any disability, mental or physical, deemed to be total and permanent which prevents the individual from maintaining a livelihood and are rated for disability at 100 percent]

MILITARY SERVICE	1970	1975	1980	1982	1983	1984	1985	1986	1987	1988
Disabled, all periods <sup>1</sup> . . . . .	2,092	2,220	2,274	2,275	2,263	2,251	2,240	2,225	2,212	2,199
Peace-time . . . . .	185	194	262	302	319	335	352	367	382	398
World War I . . . . .	85	55	30	22	18	15	12	10	18	6
World War II . . . . .	1,416	1,309	1,193	1,141	1,111	1,080	1,049	1,015	992	947
Korea . . . . .	239	240	236	231	229	226	223	220	218	215
Vietnam . . . . .	167	423	553	579	587	595	604	613	623	633
Totally disabled, all periods <sup>1</sup> . . . . .	124	123	121	138	139	137	136	133	132	131
Peace-time . . . . .	15	16	20	24	25	25	26	26	26	26
World War I . . . . .	11	6	3	2	2	1	1	1	1	1
World War II . . . . .	63	58	51	57	58	56	54	51	49	47
Korea . . . . .	16	16	16	18	17	17	17	16	16	16
Vietnam . . . . .	18	26	31	37	37	38	38	39	40	41
Compensation (mil. dol.) . . . . .	2,393	3,797	6,104	7,594	8,007	8,041	8,270	8,379	8,434	8,721

<sup>1</sup> Includes Spanish-American War and Mexican Border service, not shown separately.

Source: U.S. Dept. of Veterans Affairs, *Annual Report of the Secretary of Veterans Affairs*, and unpublished data.

### No. 574. Veterans Benefits—Expenditures, by Program: 1970 to 1988

[In millions of dollars. For fiscal years ending in year shown; see text, section 9. On an accrued expenditure basis]

PROGRAM	1970	1975	1980	1983	1984	1985	1986	1987	1988
Total <sup>1</sup> . . . . .	10,201	18,003	23,187	28,196	28,494	30,119	31,556	32,365	33,791
Compensation and pensions <sup>2</sup> . . . . .	5,330	7,551	11,257	13,881	13,942	14,234	14,399	14,399	14,880
Educ'nal asst. and readjustm't benefits . . . . .	1,047	4,529	2,383	1,678	1,043	1,169	907	916	998
Medical services; administ. expenses . . . . .	2,009	3,919	6,647	8,722	9,123	9,992	10,269	10,641	11,299
Hospital; domiciliary constr'n <sup>4</sup> . . . . .	75	136	342	458	486	557	567	589	634
Insurance and indemnities . . . . .	1,181	1,345	1,637	1,694	1,750	1,853	2,008	1,689	1,734
Loan guaranty revolving fund . . . . .	249	423	445	1,187	1,511	1,626	2,667	3,333	3,635
Direct loans . . . . .	180	84	49	8	8	8	9	9	6

<sup>1</sup> Excludes expenditures from personal funds of patients. Includes expenditures from VA Revolving Supply Fund and insurance trust funds and miscellaneous expenditures. <sup>2</sup> Includes expenditures for statutory burial awards, special clothing allowance, mortgage life insurance, invalid lifts, headstones and markers, and other expenses. <sup>3</sup> Includes National Cancer Institute expenditures (transfer to Dept. of Veterans Affairs). <sup>4</sup> Includes construction grants for State extended care facilities. Beginning 1975, includes expenditures for health manpower training facilities.

Source: U.S. Dept. of Veterans Affairs, *Annual Report of the Secretary of Veterans Affairs*.

**No. 575. Veterans Benefits—Expenditures, by War: 1940 to 1988**

[In millions of dollars. For fiscal year ending in year shown; see text, section 9. Refers to expenditures of Dept. of Veterans Affairs and predecessor agencies. See also *Historical Statistics, Colonial Times to 1970*, series Y 971-983]

PERIOD OR YEAR	Total, all wars	Mexican War and Indian Wars	Civil War	Spanish-American War	World War I	World War II	Korean conflict <sup>1</sup>	Service between Korea and Vietnam only	Vietnam <sup>2</sup>	Peacetime
<b>Total</b> . . . . .	<b>3,526,512</b>	<b>198</b>	<b>8,574</b>	<b>5,939</b>	<b>76,431</b>	<b>243,427</b>	<b>48,957</b>	<b>10,804</b>	<b>97,154</b>	<b>34,909</b>
To 1939 . . . . .	<sup>3</sup> 18,914	147	8,356	1,537	8,557	(X)	(X)	(X)	(X)	198
1940-1954 . . . . .	55,719	32	179	2,282	9,261	42,476	823	(X)	(X)	666
1955-1969 . . . . .	87,862	7	34	1,558	25,846	41,109	13,472	1,569	1,331	6
1970-1984 . . . . .	277,951	5	5	523	29,038	121,959	25,107	9,235	74,578	17,500
1970 . . . . .	8,905	(Z)	1	54	1,944	3,881	898	481	1,328	318
1971 . . . . .	10,240	(Z)	1	51	1,917	4,317	865	648	2,083	358
1972 . . . . .	11,314	1	1	45	1,980	4,699	905	728	2,571	384
1973 . . . . .	12,817	1	1	40	1,908	5,138	988	791	3,535	415
1974 . . . . .	13,878	1	1	39	1,835	5,439	1,051	848	4,159	505
1975 . . . . .	16,419	1	(Z)	38	1,897	6,196	1,219	1,089	5,392	587
1976 . . . . .	18,798	1	(Z)	39	1,861	7,024	1,378	1,246	6,509	740
1977 <sup>4</sup> . . . . .	23,063	(Z)	(Z)	45	2,401	9,616	1,900	617	7,447	1,037
1978 . . . . .	19,529	(Z)	(Z)	35	2,001	8,421	1,686	532	5,902	952
1979 . . . . .	20,276	(Z)	(Z)	35	2,096	9,140	1,830	545	5,556	1,075
1980 . . . . .	21,299	(Z)	(Z)	36	2,063	9,841	2,044	614	5,463	1,238
1981 . . . . .	22,663	(Z)	(Z)	18	1,727	10,656	2,309	528	5,889	1,736
1982 . . . . .	24,356	(Z)	(Z)	18	1,653	11,469	2,596	568	6,085	1,966
1983 . . . . .	25,914	(Z)	(Z)	16	1,543	12,024	2,753	( <sup>5</sup> )	6,291	<sup>5</sup> 3,287
1984 . . . . .	28,280	(Z)	(Z)	14	2,212	14,098	2,685	( <sup>5</sup> )	6,369	<sup>5</sup> 2,902
1985 . . . . .	27,540	1	(Z)	15	1,288	12,539	3,084	( <sup>5</sup> )	6,446	<sup>5</sup> 4,167
1986 . . . . .	28,900	3	(Z)	13	1,245	12,652	3,191	( <sup>5</sup> )	7,222	<sup>5</sup> 4,575
1987 . . . . .	29,626	3	(Z)	11	1,196	12,692	3,280	( <sup>5</sup> )	7,577	<sup>5</sup> 4,867
1988 . . . . .	<sup>6</sup> 26,741	2	(Z)	9	984	12,453	3,556	( <sup>5</sup> )	6,148	<sup>5</sup> 3,575

X Not applicable. Z Less than \$500,000. <sup>1</sup> June 27, 1950 to Jan. 31, 1955. <sup>2</sup> Service from Aug. 5, 1964, to May 7, 1975. <sup>3</sup> Includes \$70 million for the Revolutionary War and \$49 million for the War of 1812. <sup>4</sup> 15 months ending Sept 30. <sup>5</sup> Service between Korea and Vietnam only combined with peacetime. <sup>6</sup> Includes \$648 million for capital additions and insurance and indemnities.

Source: U.S. Dept. of Veterans Affairs, unpublished data.

**No. 576. Veterans Compensation and Pension Benefits—Number on Rolls and Average Payment, by Period of Service and Status: 1980 to 1988**

[As of Sept. 30. Living refers to veterans receiving compensation for disability incurred or aggravated while on active duty and war veterans receiving pension and benefits for nonservice connected disabilities. Deceased refers to deceased veterans whose dependents were receiving pensions and compensation benefits. See also *Historical Statistics, Colonial Times to 1970*, series Y 998-999]

PERIOD OF SERVICE AND VETERAN STATUS	VETERANS ON ROLLS (1,000)					AVERAGE PAYMENT (annual basis) <sup>1</sup> (dol.)				
	1980	1985	1986	1987	1988	1980	1985	1986	1987	1988
<b>Total</b> . . . . .	<b>4,646</b>	<b>4,006</b>	<b>3,899</b>	<b>3,808</b>	<b>3,725</b>	<b>2,370</b>	<b>3,505</b>	<b>3,647</b>	<b>3,741</b>	<b>3,949</b>
Living veterans . . . . .	3,195	2,931	2,883	2,844	2,804	2,600	3,666	3,764	3,821	4,003
Service connected . . . . .	2,273	2,240	2,225	2,212	2,199	2,669	3,692	3,766	3,808	3,967
Nonservice connected . . . . .	922	690	658	631	606	2,428	3,581	3,755	3,865	4,133
Deceased veterans . . . . .	1,451	1,075	1,016	964	921	1,863	3,066	3,315	3,504	3,787
Service connected . . . . .	358	336	331	328	325	3,801	5,836	6,100	6,296	6,649
Nonservice connected . . . . .	1,093	739	685	636	595	1,228	1,809	1,968	2,066	2,224
Prior to World War I . . . . .	14	7	6	5	5	1,432	1,855	1,979	2,068	2,226
Living . . . . .	(Z)	(Z)	(Z)	(Z)	(Z)	2,634	4,436	5,920	5,420	9,149
World War I . . . . .	692	381	334	295	261	1,683	2,461	2,664	2,817	2,986
Living . . . . .	198	68	53	42	32	2,669	4,439	4,906	5,243	5,759
World War II . . . . .	2,520	2,097	2,020	1,943	1,869	2,307	3,317	3,440	3,513	3,724
Living . . . . .	1,849	1,575	1,518	1,464	1,407	2,462	3,460	3,563	3,621	3,823
Korean conflict <sup>2</sup> . . . . .	446	399	395	393	392	2,691	4,114	4,276	4,389	4,618
Living . . . . .	317	309	308	308	307	2,977	4,260	4,366	4,457	4,658
Peacetime . . . . .	312	404	419	433	449	3,080	3,973	4,008	3,965	4,023
Living . . . . .	262	352	367	382	398	2,828	3,589	3,614	3,563	3,613
Vietnam era <sup>3</sup> . . . . .	662	716	726	738	749	2,795	4,021	4,138	4,244	4,463
Living . . . . .	569	626	637	649	661	2,709	3,849	3,941	4,029	4,220

Z Fewer than 500. <sup>1</sup> Averages calculated by multiplying average monthly payment by 12. <sup>2</sup> Service during period June 27, 1950, to Jan. 31, 1955. <sup>3</sup> Service from Aug. 5, 1964, to May 7, 1975.

Source: U.S. Dept. of Veterans Affairs, *Annual Report of the Secretary of Veterans Affairs*, and unpublished data.

**No. 577. Veterans Administration Health Care Summary: 1980 to 1988**

[For years ending Sept. 30]

ITEM	Unit	1980	1985	1988	ITEM	Unit	1980	1985	1988
Facilities operating:					Radiology examinations . . .	Million	5.7	5.4	5.6
Hospitals . . . . .	Number	172	172	172	Inpatients treated <sup>4</sup> . . . . .	1,000	1,359	1,435	1,224
Domiciliaries . . . . .	Number	16	16	29	VA facilities . . . . .	1,000	1,275	1,339	1,130
Outpatient clinics . . . . .	Number	226	226	233	Other facilities . . . . .	1,000	84	96	94
Nursing home units . . . . .	Number	92	115	119	Average daily inpatients <sup>5</sup> . . . . .	1,000	105	100	96
Employment <sup>1</sup> . . . . .	1,000	194	203	202	VA facilities . . . . .	1,000	84	75	70
Obligations <sup>2</sup> . . . . .	Mil. dol.	6,215	9,258	10,540	Other facilities . . . . .	1,000	21	25	26
Medical care . . . . .	Mil. dol.	5,972	8,936	10,230	Outpatient medical visits . . . . .	Million	18.0	19.6	23.2
Research in health care . . . . .	Mil. dol.	138	227	215	VA staff . . . . .	Million	15.8	17.8	21.5
Prescriptions dispensed . . . . .	Million	36.7	48.1	58	Fee-basis . . . . .	Million	2.2	1.8	1.8
Laboratory <sup>3</sup> . . . . .	Million	215	173	188					

<sup>1</sup> Net full-time equivalent. <sup>2</sup> 1980, cost-basis; thereafter, obligation-basis. Includes other obligations not shown separately. <sup>3</sup> Total unweighted laboratory workload. <sup>4</sup> Based on the number of discharges and deaths during the fiscal year, plus the number on the rolls (bed occupants and patients on authorized leave of absence) at the end of the fiscal year. Excludes interhospital transfers. <sup>5</sup> Patients receiving hospital care, or nursing bed care.

Source: U.S. Dept. of Veterans Affairs, *Annual Report of the Secretary of Veterans Affairs; Directory of VA Facilities*, biennial; and unpublished data.

**No. 578. Veterans Assistance to Persons in Education and Training Programs: 1980 to 1988**

[In thousands. For fiscal years ending in year shown; see text, section 9. Represents persons in training during year]

PROGRAM	1980	1981	1982	1983	1984	1985	1986	1987	1988
Post-Korea Education Assistance <sup>1</sup> . . . . .	1,107	949	778	644	528	402	308	239	203
Institutions of higher education . . . . .	842	736	620	517	421	326	257	203	176
Resident schools other than college . . . . .	149	122	98	88	78	54	35	26	19
Correspondence schools . . . . .	42	35	21	13	10	7	6	4	4
On-the-job training . . . . .	74	55	38	25	19	15	9	7	4
Children's Educational Assistance . . . . .	82.6	82.6	80.3	70.9	63.6	55.3	48.4	43.4	40.9
Institutions of higher education . . . . .	75.5	74.6	72.1	63.7	57.1	50.0	43.9	39.7	37.8
Schools other than college . . . . .	6.5	7.5	7.8	7.0	6.2	5.2	4.3	3.6	3
Special restorative training . . . . .	0.1	0.1	(Z)	(Z)	0.1	(Z)	(Z)	(Z)	(Z)
On-the-job training . . . . .	0.5	0.4	0.3	0.2	0.2	0.2	0.1	0.1	0.1
Spouses, Widows/Widowers Educational Assistance Program . . . . .	13.0	11.9	10.6	8.8	7.6	6.6	5.9	5.3	5
Institutions of higher education . . . . .	10.8	10.1	9.0	7.5	6.5	5.7	5.0	4.5	4.3
Schools other than college . . . . .	2.2	1.8	1.6	1.3	1.1	1.0	0.9	0.7	0.6
Vocational Rehabilitation Program for Disabled Veterans . . . . .	25.5	29.8	30.9	30.6	29.0	26.9	25.8	24.6	24.7

Z Fewer than 50. <sup>1</sup> Includes some Post-Vietnam veterans.

Source: U.S. Dept. of Veterans Affairs, *Annual Report of the Secretary of Veterans Affairs*, and unpublished data.

**No. 579. Veterans Guaranteed and Insured Loans: 1970 to 1988**

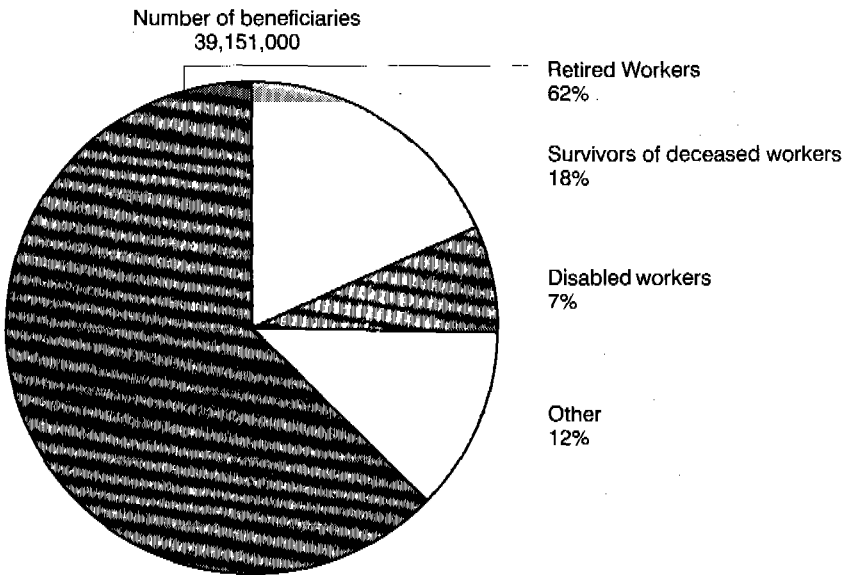
[For fiscal years ending in year shown, see text, section 9. Includes mobile home loans. See section 26 for VA loan characteristics]

ITEM	Unit	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987	1988
Number of loans . . . . .	1,000	186.2	290.2	297.4	187.6	103.4	245.1	251.6	178.9	313.8	479.5	234.7
Home . . . . .	1,000	186.2	288.2	289.2	178.2	92.9	231.6	238.5	170.0	307.7	474.4	232.6
Amount of loans . . . . .	Mil. dol	3,683	8,091	14,815	10,008	5,542	14,670	15,612	11,452	21,966	34,900	17,302
Home . . . . .	Mil. dol	3,682	8,072	14,653	9,822	5,332	14,389	15,333	11,263	21,833	34,783	17,254
Guaranty and insurance . . . . .	Mil. dol	1,971	3,702	6,370	4,248	2,292	5,736	6,034	4,363	7,896	12,237	6,172
Home . . . . .	Mil. dol	1,971	3,096	6,289	4,155	2,187	5,596	5,895	4,269	7,830	12,180	6,149

Source: U.S. Dept. of Veterans Affairs, *Annual Report of the Secretary of Veterans Affairs*.

Figure 12.1

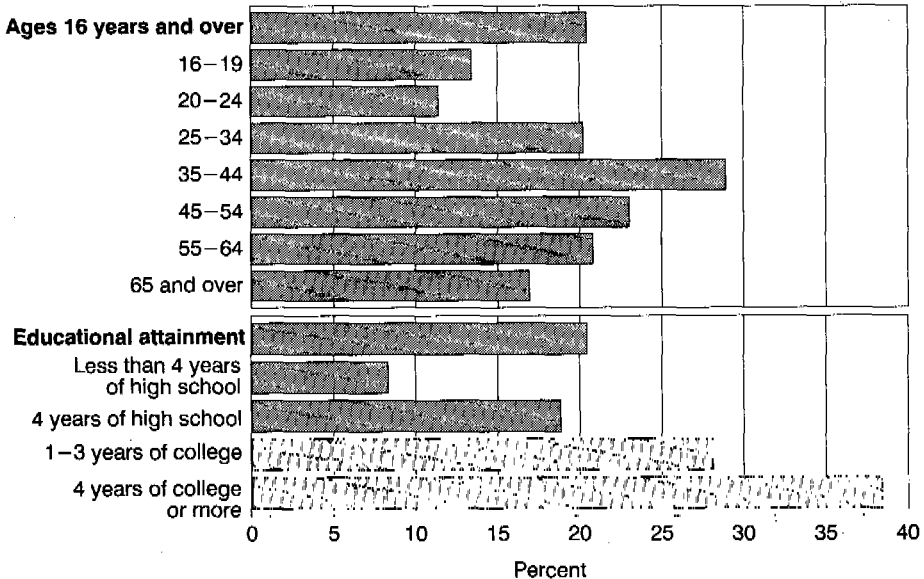
### Percentage of Persons Receiving Monthly Social Security Benefits, by Type of Beneficiary: 1989



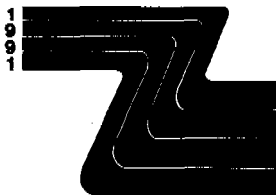
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 593.

Figure 12.2

### Adult Population Doing Volunteer Work: 1989



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 624.



## Section 12

# Social Insurance and Human Services

This section presents data related to governmental expenditures for social welfare; governmental programs for old-age, survivors, disability, and health insurance (OASDHI); governmental employee retirement; Individual Retirement Account, Keogh account and private pension plans; government unemployment and temporary disability insurance; Federal supplemental security income payments and aid to the needy; child and other welfare services; and Federal food programs. Also included here are selected data on workers' compensation, including black lung benefits; vocational rehabilitation; child support; child care; and philanthropic trusts and foundations.

The principal source for these data is the Department of Health and Human Services' (HHS) monthly *Social Security Bulletin* which presents current data on many of the programs and summary data in annual statistical supplements. Current data on employment security are published annually in the Department of Labor's *Unemployment Insurance, Financial Data*. Statistics on aid to families with dependent children (AFDC) are presented in the U.S. Family Support Administration's annual publication, *Quarterly Public Assistance Statistics*.

**Social Insurance under the Social Security Act.**— Programs established by the Social Security Act provide protection against wage loss resulting from retirement, prolonged disability, death, or unemployment, and protection against the cost of medical care during old age and disability. The Federal OASDHI program provides monthly cash benefits to retired or disabled insured workers and their dependents and to survivors of insured workers. To be eligible, a worker must have had a specified period of employment in which OASDHI taxes were paid. A worker becomes eligible for full benefits at age 65, although reduced benefits may be obtained up to 3 years earlier; the worker's spouse is under the same limitations. Survivor benefits are payable to dependents of deceased insured workers. Disability benefits are payable to an insured worker under age 65 with a prolonged disability and to the disabled worker's dependents on the same basis as dependents of retired workers. Also, disability benefits are provided at age 50 to the disabled widow or widower of a deceased worker who was fully insured at the time of death. A lump sum benefit is generally payable on the death of an insured worker to a spouse or minor children. For information on the Medicare program, see section 3.

Retirement, survivors, disability, and hospital insurance benefits are funded by a payroll tax on annual earnings (up to a maximum of earnings set by law) of workers, employers, and the self-employed. The maximum taxable earnings are adjusted periodically through Federal legislation to reflect increasing income levels (see table 591). Tax receipts and benefit payments are administered through Federal trust funds. Special benefits for uninsured persons; hospital benefits for persons 65 and over with specified amounts of Social Security coverage less than that required for cash benefit eligibility; and that part of the cost of supplementary medical insurance not financed by contributions from participants are financed from Federal general revenues.

Unemployment insurance is presently administered by the U.S. Employment and Training Administration and each State's employment security agency. By agreement with the U.S. Secretary of Labor, State agencies also administer unemployment compensation for eligible ex-service members and Federal employees, unemployment assistance under the Disaster Relief Act of 1970, and workers assistance and relocation allowances under the Trade Act.

Under State unemployment insurance laws, benefits related to the individual's past earnings are paid to unemployed eligible workers. State laws vary concerning the length of time benefits are paid and their amount. In most States, benefits are payable for 26 weeks and, during periods of high unemployment, extended benefits are payable under a Federal-State program to those who have exhausted their regular State benefits. The basic benefit can vary among States by over 100 percent. Some States also supplement the basic benefit with allowances for dependents.

Unemployment insurance is funded by a Federal unemployment tax levied on the taxable payrolls of most employers. Taxable payroll under the Federal Act and most State laws is the first \$7,000 in wages paid each worker during a year. Employers are allowed a percentage credit of

taxable payroll for contributions paid to States under State unemployment insurance laws. The remaining percent of the Federal tax finances administrative costs, the Federal share of extended benefits, and advances to States. About 97 percent of wage and salary workers are covered by unemployment insurance.

**Retirement Programs for Government Employees.**—The Civil Service Retirement System (CSRS) and the Federal Employees' Retirement System (FERS) are the two major programs providing age and service, disability, and survivor annuities for Federal civilian employees. In general, employees hired after December 31, 1983 are covered under FERS and the social security program (OASDHI) and employees on staff prior to that date are members of CSRS and are covered under Medicare. CSRS employees were offered the option of transferring to FERS during 1987. There are separate retirement systems for the uniformed services (supplementing OASDHI) and for certain special groups of Federal employees.

State and local government employees are covered for the most part by State and local retirement systems similar to the Federal civil service retirement system. In many jurisdictions these benefits supplement OASDHI coverage.

**Workers' compensation.**—All States provide protection against work-connected injuries and deaths, although some States exclude certain workers (e.g., domestic help). Federal laws cover Federal employees, private employees in the District of Columbia, and longshoremen and harbor workers. In addition, the Social Security Administration and the Department of Labor administer a "black lung" benefits program for coal miners disabled by pneumoconiosis and for specified dependents and survivors. Specified occupational diseases are compensable to some extent. In most States, benefits are related to the worker's salary. The benefits may or may not be augmented by dependents' allowances or automatically adjusted to prevailing wage levels.

**Public aid.**—State-administered public assistance programs (Aid to Families with Dependent Children (AFDC), emergency assistance and general assistance) and the Federal Supplemental Security Income (SSI) program administered by the Social Security Administration provide benefits to persons who qualify. AFDC and emergency assistance are in part federally funded while the costs of general assistance are met entirely with State and local funds.

The SSI program replaced Federal grants for aid to the aged, blind, and disabled in the 50 States and the District of Columbia in 1974. Residents of the Northern Mariana Islands became eligible in 1978. Federal grants continue for aid to the aged, blind, and disabled in Guam, Puerto Rico, and the Virgin Islands. The SSI program provides a minimum income for the aged, blind, and disabled and establishes uniform national basic eligibility requirements and payment standards. Most States supplement the basic SSI payment.

**Federal Food Stamp program.**—Under the Food Stamp program, single persons and those living in households meeting nationwide standards for income and assets may receive coupons redeemable for food at most retail food stores. The monthly amount of coupons a unit receives is determined by household size and income. Households without income receive the determined monthly cost of a nutritionally adequate diet for their household size. This amount is updated to account for food price increases. Households with income receive the difference between the amount of a nutritionally adequate diet and 30 percent of their income, after certain allowable deductions.

To qualify for the program, a household must have less than \$2,000 in disposable assets (\$3,000 if one member is aged 60 or older), gross income below 130 percent of the official poverty guidelines, and net income below 100 percent of the poverty guidelines. Households with a person aged 60 or older or a disabled person receiving SSI, Social Security, or veterans' disability benefits may have gross income exceeding 130 percent of the poverty guidelines. All households must meet these requirements, even those receiving other Federal assistance payments. Households are certified for varying lengths of time, depending on their income sources and individual circumstances.

**Health and welfare services.**—Programs providing health and welfare services are aided through Federal grants to States for child welfare services, vocational rehabilitation, activities for the aged, maternal and child health services, maternity and infant care projects, comprehensive health services, and a variety of public health activities. For information about the Medicaid program, see section 3.

**Noncash benefits.**—The Bureau of the Census annually collects data on the characteristics of recipients of noncash (in-kind) benefits to supplement the collection of annual money income data in the Current Population Survey (see text, section 1 and section 15). Noncash benefits are those benefits received in a form other than money which serve to enhance or improve the economic well-being of the recipient. As for money income, the data for noncash benefits are for the calendar year prior to the date of the interview. The major categories of noncash benefits covered are public transfers (e.g. Food stamps, school lunch, public housing, and Medicaid) and employer or union-provided benefits to employees.

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

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

### No. 580. Private Expenditures for Social Welfare, by Type: 1975 to 1988

[In millions of dollars, except percent]

TYPE	1975	1980	1982	1983	1984	1985	1986	1987	1988
<b>Total</b> .....	<b>124,741</b>	<b>242,695</b>	<b>316,504</b>	<b>353,715</b>	<b>389,259</b>	<b>437,205</b>	<b>483,061</b>	<b>539,837</b>	<b>601,218</b>
Percent of gross national product .....	7.8	8.8	10.0	10.4	10.3	10.5	11.4	11.9	12.3
Health .....	76,400	143,900	189,000	208,500	227,300	245,200	259,800	280,500	312,400
Income maintenance <sup>1</sup> .....	21,725	50,589	69,444	81,680	92,636	115,546	140,106	167,980	188,793
Private pension plan payments <sup>2</sup> .....	14,398	37,560	54,325	66,683	76,683	98,450	122,209	148,811	168,948
Short-term sickness and disability <sup>3</sup> .....	43,396	6,280	6,884	6,993	7,673	8,216	8,248	9,014	9,615
Long-term disability <sup>4</sup> .....	( <sup>5</sup> )	1,282	1,688	1,817	1,874	1,937	2,263	2,293	2,295
Life insurance and death <sup>5</sup> .....	3,195	4,339	5,264	5,417	5,742	6,245	6,498	6,814	7,031
Education .....	16,626	26,751	32,697	35,911	38,872	42,634	45,612	49,519	52,913
Welfare and other services .....	9,990	21,455	25,362	27,624	30,451	33,825	37,543	41,838	47,112

<sup>1</sup> Includes accidental death and dismemberment and supplemental unemployment benefits, not shown separately.  
<sup>2</sup> Covers benefits paid for solely by employers and all benefits of employment-related pension plans to which employee contributions are made. Excludes individual savings plans such as IRA's and Keogh plans. Pension plan benefits include monthly benefits and lump-sum distributions to retired and disabled employees and their dependents and to survivors of deceased employees. Also includes preretirement lump-sum distributions. <sup>3</sup> Covers wage and salary workers in private industry.  
<sup>4</sup> Long-term disability included with sickness and disability benefits. <sup>5</sup> Covers all wage and salary workers.

Source: U.S. Social Security Administration, *Annual Statistical Supplement to the Social Security Bulletin*, annual.

### No. 581. Social Welfare Expenditures Under Public Programs as Percent of GNP and Total Government Outlays: 1960 to 1988

[See headnote, table 582. For explanation of annual percent change, see Guide to Tabular Presentation]

YEAR	TOTAL EXPENDITURES				FEDERAL				STATE AND LOCAL GOVERNMENT			
	Total (bil. dol.)	Annual percent change <sup>1</sup>	Percent of—		Total (bil. dol.)	Annual percent change <sup>1</sup>	Percent of—		Total (bil. dol.)	Annual percent change <sup>1</sup>	Percent of—	
			Total GNP <sup>2</sup>	Total govt. outlays			Total GNP <sup>2</sup>	Total Federal outlays			Total GNP <sup>2</sup>	Total State and local outlays
1960 .....	52.3	8.3	10.3	38.4	25.0	9.0	4.9	28.1	27.3	7.7	5.4	60.1
1970 .....	145.6	10.8	14.7	46.5	77.1	11.9	7.8	40.0	68.4	9.6	6.9	57.9
1975 .....	289.1	14.7	19.0	56.6	166.8	16.7	11.0	53.6	122.3	12.3	8.0	61.6
1980 .....	492.0	11.2	18.4	57.1	302.4	12.6	11.3	54.2	189.5	9.2	7.1	62.9
1985 .....	732.0	8.3	18.5	52.2	449.3	8.2	11.4	48.6	282.7	8.3	7.2	60.2
1987 .....	833.3	6.7	18.8	53.4	496.2	5.1	11.2	50.0	337.1	9.2	7.6	60.0
1988 .....	885.8	6.3	18.5	55.6	523.1	5.4	10.9	49.1	362.6	7.6	7.6	60.1

<sup>1</sup> Change from prior year shown; for 1960, change from 1950. <sup>2</sup> Gross national product.

Source: U.S. Social Security Administration, *Social Security Bulletin*, May 1991.



## No. 582. Social Welfare Expenditures Under Public Programs: 1960 to 1988

[In millions of dollars, except percent. For fiscal years ending in year shown; see text, section 9. Represents outlays from trust funds (mostly social insurance funds built up by earmarked contributions from insured persons, their employers, or both) and budgetary outlays from general revenues. Includes administrative expenditures, capital outlay, and some expenditures and payments outside U.S. See table 583 for program detail. For explanation of annual percent change, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series H 1-47, for related but not comparable data]

YEAR	SOCIAL WELFARE OUTLAYS		Social insurance	Public aid	Health and medical programs <sup>1</sup>	Veterans programs	Education	Housing	Other social welfare	All health and medical care <sup>2</sup>
	Total	Annual percent change								
TOTAL										
1960	52,293	<sup>3</sup> 8.3	19,307	4,101	4,464	5,479	17,626	177	1,139	6,395
1970	145,555	10.8	54,691	16,488	9,606	9,078	50,845	701	4,145	25,061
1975	289,084	14.7	123,013	41,357	16,742	17,019	80,834	3,172	6,947	51,401
1980	491,986	11.2	229,754	71,975	27,263	21,466	121,050	6,879	13,599	100,259
1985	732,042	8.3	369,595	98,154	39,053	27,042	172,048	12,598	13,552	173,332
1986	782,305	6.9	390,770	104,747	43,945	27,445	189,276	11,962	14,161	187,884
1987	833,265	6.5	412,862	110,981	48,371	28,051	204,549	13,174	15,278	204,197
1988	885,767	6.3	432,195	120,375	52,540	29,254	219,368	16,556	15,480	219,613
FEDERAL										
1960	24,957	<sup>3</sup> 9.0	14,307	2,117	1,737	5,367	868	144	417	2,918
1970	77,130	11.9	45,246	9,649	4,568	8,952	5,876	582	2,259	16,363
1975	166,795	16.7	99,715	27,186	7,890	16,570	8,629	2,541	4,284	33,469
1980	302,438	12.6	191,162	48,666	12,840	21,254	13,452	6,278	8,786	68,939
1985	449,296	8.2	310,175	61,985	18,029	26,704	13,796	11,059	7,548	122,950
1986	471,177	4.9	326,016	65,722	19,433	27,072	15,022	10,090	7,822	130,664
1987	496,211	5.3	342,920	69,233	20,806	27,641	16,062	11,044	8,504	141,220
1988	523,145	5.4	358,412	74,137	22,681	28,845	16,952	14,006	8,112	149,102
STATE AND LOCAL										
1960	27,337	<sup>3</sup> 7.7	4,999	1,984	2,727	112	16,758	33	723	3,478
1970	68,425	9.6	9,446	6,839	5,038	126	44,970	120	1,886	8,898
1975	122,289	12.3	23,298	14,171	8,852	449	72,205	631	2,683	17,932
1980	189,548	9.2	38,592	23,309	14,423	212	107,597	601	4,813	31,320
1985	282,746	8.3	59,420	36,169	21,024	338	158,251	1,540	6,004	50,382
1986	311,128	10.0	64,754	39,026	24,512	373	174,253	1,872	6,338	57,220
1987	337,054	8.3	69,941	41,748	27,565	410	188,487	2,129	6,773	62,977
1988	362,622	7.6	73,783	46,237	29,859	409	202,416	2,550	7,368	70,511
PERCENT OF TOTAL EXPENDITURES, BY TYPE										
1960	100.0	(X)	36.9	7.8	8.5	10.5	33.7	0.3	2.2	12.2
1970	100.0	(X)	37.6	11.3	6.6	6.2	34.9	0.5	2.8	17.2
1980	100.0	(X)	46.7	14.6	5.5	4.4	24.6	1.4	2.8	20.4
1985	100.0	(X)	50.5	13.4	5.3	3.7	23.5	1.7	1.9	23.7
1987	100.0	(X)	49.5	13.3	5.8	3.4	24.5	1.6	1.8	24.5
1988	100.0	(X)	48.8	13.6	5.9	3.3	24.8	1.9	1.7	27.8
PERCENT FEDERAL OF TOTAL										
1960	47.7	(X)	74.1	51.6	38.9	98.0	4.9	81.4	36.6	45.6
1970	53.0	(X)	82.7	58.5	47.6	98.6	11.6	82.9	54.5	65.3
1980	61.5	(X)	83.2	67.6	47.1	99.0	11.1	91.3	64.6	68.8
1985	61.4	(X)	83.9	63.1	46.2	98.9	8.0	87.8	55.7	70.9
1987	59.6	(X)	83.1	62.5	43.0	98.5	7.8	83.9	55.7	69.2
1988	59.1	(X)	82.9	61.6	43.2	98.6	7.7	84.6	52.4	67.9
PER CAPITA (Current dollars) <sup>4</sup>										
1960	285	<sup>3</sup> 6.4	105	22	24	30	96	2	6	35
1970	698	9.4	262	79	46	43	244	4	20	120
1980	2,122	11.8	990	311	118	92	523	33	59	434
1985	3,008	7.2	1,516	404	161	111	708	52	56	714
1987	3,359	5.7	1,662	448	195	112	826	53	62	825
1988	3,538	5.3	1,724	482	210	116	878	66	62	879
PER CAPITA (Constant (1988) dollars) <sup>4,5</sup>										
1960	1,080	<sup>3</sup> 4.1	397	83	91	114	363	8	23	132
1970	2,025	6.5	760	229	133	125	708	12	58	348
1980	3,052	4.2	1,423	448	170	132	752	47	85	624
1985	3,355	1.9	1,691	451	180	124	790	58	62	797
1987	3,491	2.0	1,727	466	203	116	858	55	64	857
1988	3,538	1.3	1,724	482	210	116	878	66	62	879

X Not applicable. <sup>1</sup> Excludes program parts of social insurance, public aid, veterans, and other social welfare. <sup>2</sup> Combines "Health and medical programs" with medical services included in social insurance, public aid, veterans, vocational rehabilitation, and antipoverty programs. <sup>3</sup> Change from 1950. <sup>4</sup> Excludes payments within foreign countries for education, veterans, OASDHI, and civil service retirement. <sup>5</sup> Constant dollar figures are based on implicit price deflators for personal consumption expenditures published by U.S. Bureau of Economic Analysis; see table 779.

Source: U.S. Social Security Administration, *Social Security Bulletin*, May 1991.

### No. 583. Social Welfare Expenditures, by Source of Funds and Public Program: 1980 to 1988

[In millions of dollars. See headnote, table 582, and *Historical Statistics, Colonial Times to 1970*, series H 1-47, for related but not comparable data]

PROGRAM	FEDERAL				STATE AND LOCAL			
	1980	1985	1987	1988	1980	1985	1987	1988
<b>Total</b>	<b>302,438</b>	<b>449,296</b>	<b>496,211</b>	<b>523,145</b>	<b>189,548</b>	<b>282,746</b>	<b>337,054</b>	<b>362,822</b>
<b>Social insurance</b>	<b>191,162</b>	<b>310,176</b>	<b>342,920</b>	<b>358,412</b>	<b>38,592</b>	<b>59,420</b>	<b>69,941</b>	<b>73,783</b>
Old-age, survivors, disability, health	152,110	257,535	286,340	300,048	(X)	(X)	(X)	(X)
Health insurance (Medicare)	34,992	71,384	81,631	83,610	(X)	(X)	(X)	(X)
Public employee retirement	26,983	40,504	44,080	45,753	12,507	22,540	28,060	30,442
Railroad employee retirement	4,769	6,276	6,549	6,676	(X)	(X)	(X)	(X)
Unemployment insurance and employment services	4,408	2,804	2,947	2,965	13,919	15,740	15,099	13,152
Other railroad employee insurance	224	189	189	100	(X)	(X)	(X)	(X)
State temporary disability insurance	(X)	(X)	(X)	(X)	1,377	1,944	2,545	2,754
Workers' compensation	2,668	3,067	2,816	2,869	10,789	19,197	24,237	27,435
Hospital and medical benefits	130	280	348	367	3,596	6,800	9,271	10,743
<b>Public aid</b>	<b>48,686</b>	<b>61,965</b>	<b>69,233</b>	<b>74,137</b>	<b>23,309</b>	<b>36,189</b>	<b>41,748</b>	<b>46,237</b>
Public assistance	23,542	33,523	39,907	43,431	21,522	33,934	38,910	43,224
Medical vendor payments (Medicaid)	14,550	22,677	27,613	30,771	13,020	22,418	25,992	29,745
Social services	1,757	2,057	2,023	2,025	586	686	674	675
Supplemental security income	6,440	9,605	10,800	11,674	1,787	2,235	2,838	3,013
Food stamps	9,083	12,513	12,362	13,071	(X)	(X)	(X)	(X)
Other	9,601	6,344	6,164	5,961	(X)	(X)	(X)	(X)
<b>Health and medical programs</b>	<b>12,840</b>	<b>18,029</b>	<b>20,806</b>	<b>22,661</b>	<b>14,423</b>	<b>21,024</b>	<b>27,565</b>	<b>29,859</b>
Hospital and medical care	6,636	9,877	11,861	12,874	5,687	6,688	10,483	11,395
Civilian programs	2,438	2,455	2,736	3,088	5,667	6,688	10,463	11,395
Defense Department	4,198	7,422	9,125	9,786	(X)	(X)	(X)	(X)
Maternal and child health programs	351	422	441	468	519	800	1,146	1,218
Medical research	4,428	5,992	6,667	7,503	496	899	1,161	1,207
Medical facilities construction	210	339	264	(NA)	1,450	1,336	1,227	1,444
Other	1,215	1,399	1,573	1,836	6,291	11,301	13,568	14,595
<b>Veterans programs</b>	<b>21,254</b>	<b>26,704</b>	<b>27,641</b>	<b>26,645</b>	<b>212</b>	<b>338</b>	<b>410</b>	<b>409</b>
Pensions and compensation	11,306	14,333	14,522	14,914	(X)	(X)	(X)	(X)
Health and medical programs	6,204	9,493	10,503	11,331	(X)	(X)	(X)	(X)
Hospital and medical care	5,750	8,609	9,522	10,152	(X)	(X)	(X)	(X)
Hospital construction	323	458	772	964	(X)	(X)	(X)	(X)
Medical and prosthetic research	131	227	210	215	(X)	(X)	(X)	(X)
Education	2,401	1,171	742	653	(X)	(X)	(X)	(X)
Life insurance	865	796	938	963	(X)	(X)	(X)	(X)
Welfare and other	679	912	936	984	212	338	410	409
<b>Education</b>	<b>13,452</b>	<b>13,796</b>	<b>16,062</b>	<b>16,952</b>	<b>107,597</b>	<b>158,251</b>	<b>186,487</b>	<b>202,416</b>
Elementary and secondary	7,430	7,276	8,247	8,826	79,720	113,419	146,655	159,009
Construction	41	23	21	46	6,483	8,335	11,304	11,743
Higher	4,468	5,102	6,191	6,477	21,708	36,028	41,831	43,406
Construction	42	32	2	1	1,486	2,314	3,084	3,198
Vocational and adult	1,207	1,087	1,247	1,288	6,169	8,804	(12)	(12)
<b>Housing</b>	<b>6,278</b>	<b>11,059</b>	<b>11,044</b>	<b>14,006</b>	<b>601</b>	<b>1,540</b>	<b>2,129</b>	<b>2,550</b>
<b>Other social welfare</b>	<b>6,786</b>	<b>7,548</b>	<b>8,504</b>	<b>8,112</b>	<b>4,813</b>	<b>6,004</b>	<b>6,773</b>	<b>7,368</b>
Vocational rehabilitation	1,006	1,167	1,386	1,489	245	350	387	416
Medical services and research	237	275	319	343	56	85	94	101
Institutional care	74	121	130	138	408	259	384	393
Child nutrition	4,209	4,349	5,050	4,956	643	960	1,180	1,294
Child welfare	57	200	222	239	743	(NA)	(NA)	(NA)
Special CSA and ACTION programs	2,303	504	520	153	(X)	(X)	(X)	(X)
Welfare, not elsewhere classified	1,137	1,188	1,196	1,137	2,774	4,435	4,822	5,264

NA Not available. X Not applicable.

<sup>1</sup> Excludes refunds to those leaving service. Federal data include military retirement. <sup>2</sup> Includes compensation for Federal employees and ex-servicemen, trade adjustment and cash training allowance, and payments under extended, emergency, disaster, and special unemployment insurance programs. <sup>3</sup> Unemployment and temporary disability insurance. <sup>4</sup> Cash and medical benefits in 5 areas. Includes private plans where applicable. <sup>5</sup> Benefits paid by private insurance carriers. <sup>6</sup> State funds, and self-insurers. Federal includes black lung benefit programs. <sup>7</sup> Includes payments under State general assistance programs and work incentive activities, not shown separately. <sup>8</sup> Medical vendor payments are those made directly to suppliers of medical care. <sup>9</sup> Refugee assistance, surplus food for the needy, and work-experience training programs under the Comprehensive Employment and Training Act. Beginning 1985, includes low-income energy assistance program. <sup>10</sup> Includes medical care for military dependent families. <sup>11</sup> Excludes servicemen's group life insurance. <sup>12</sup> Federal expenditures include administrative costs (Department of Education) and research, not shown separately. <sup>13</sup> Beginning 1986, all state and local vocational education costs included with elementary-secondary. <sup>14</sup> Construction costs of vocational and adult education programs included under elementary-secondary expenditures. <sup>15</sup> Federal expenditures represent primarily surplus foods for nonprofit institutions. <sup>16</sup> Surplus food for schools and programs under National School Lunch and Child Nutrition Acts. <sup>17</sup> Represents primarily child welfare services under title V of the Social Security Act. <sup>18</sup> Includes domestic volunteer programs under ACTION and community action and migrant workers programs under Community Services Administration. <sup>19</sup> Federal expenditures include administrative expenses of the Secretary of Health and Human Services; Indian welfare and guidance; and aging and juvenile delinquency activities. State and local include antipoverty and manpower programs, child care and adoption services, legal assistance, and other unspecified welfare services.

Source: U.S. Social Security Administration, *Social Security Bulletin*, May 1991.

**No. 584. Cash and Noncash Benefits for Persons With Limited Income: 1985 to 1988**

[For years ending September 30, except as noted. Programs covered in this table provide cash, goods, or services to persons who make no payment and render no service in return. In case of job and training programs and some educational benefits, recipients must work or study for wages, training allowances, stipends, grants, or loans. Most of the programs base eligibility on individual, household, or family income, but some use group or area income tests; and a few offer help on the basis of presumed need.]

PROGRAM	AVERAGE MONTHLY RECIPIENTS (1,000)			EXPENDITURES (mil. dol.)					
				Total <sup>1</sup>			Federal		
	1985	1987	1988	1985	1987	1988	1985	1987	1988
<b>Total</b> .....	(X)	(X)	(X)	143,526	160,550	173,018	105,404	116,456	125,565
Medical care <sup>2</sup> .....	(X)	(X)	(X)	49,581	60,292	66,463	27,737	34,955	38,466
Medicaid <sup>3</sup> .....	<sup>4</sup> 21,814	<sup>4</sup> 23,183	<sup>4</sup> 23,930	41,150	49,329	54,304	22,844	27,960	30,567
Veterans <sup>5</sup> .....	<sup>6</sup> 504	<sup>6</sup> 570	<sup>6</sup> 585	<sup>7</sup> 3,053	<sup>7</sup> 3,035	<sup>7</sup> 5,855	<sup>7</sup> 3,053	<sup>7</sup> 5,035	<sup>7</sup> 5,855
General assistance .....	(NA)	(NA)	(NA)	<sup>7</sup> 3,125	<sup>7</sup> 3,652	<sup>7</sup> 3,927			
Indian Health Services .....	<sup>8</sup> 931	<sup>8</sup> 1,000	<sup>8</sup> 1,000	862	929	1,006	862	929	1,006
Maternal and child health services .....	(NA)	(NA)	(NA)	783	813	860	478	497	527
Community health centers .....	<sup>8</sup> 5,200	<sup>8</sup> 5,500	<sup>8</sup> 5,250	383	420	395	383	420	395
Cash aid <sup>2</sup> .....	(X)	(X)	(X)	38,119	44,089	47,619	24,969	29,269	32,181
A.F.D.C. <sup>3</sup> <sup>9</sup> .....	10,813	11,065	10,920	16,736	18,454	18,997	8,909	9,996	10,302
Unemployment Security Income <sup>3</sup> .....	4,305	4,569	4,302	11,857	13,744	14,687	<sup>10</sup> 9,603	<sup>10</sup> 10,893	<sup>10</sup> 11,663
Pensions for needy veterans <sup>11</sup> .....	<sup>12</sup> 14,889	<sup>12</sup> 12,267	<sup>12</sup> 12,201	3,842	3,790	3,862	3,842	3,790	3,862
General assistance .....	<sup>13</sup> 71,323	<sup>13</sup> 71,193	<sup>13</sup> 71,145	<sup>14</sup> 2,499	<sup>14</sup> 2,642	<sup>14</sup> 2,700			
Earned income tax credit .....	<sup>15</sup> 17,313	<sup>15</sup> 22,311	<sup>15</sup> 27,741	1,645	3,298	4,927	1,645	3,298	4,927
Food benefits <sup>2</sup> .....	(X)	(X)	(X)	20,391	21,060	21,490	19,362	19,893	20,247
Food stamps <sup>3</sup> <sup>13</sup> .....	21,400	20,600	20,100	13,470	13,535	14,369	12,599	12,539	13,289
School lunch program <sup>14</sup> .....	<sup>15</sup> 11,500	<sup>15</sup> 11,600	<sup>15</sup> 11,700	<sup>16</sup> 2,665	<sup>16</sup> 2,281	<sup>16</sup> 3,057	<sup>16</sup> 2,665	<sup>16</sup> 2,281	<sup>16</sup> 3,057
Women, infants and children <sup>17</sup> .....	3,138	3,430	3,598	1,500	1,664	1,802	1,500	1,664	1,802
Temporary emergency food assistance .....	(NA)	(NA)	(NA)	1,327	896	588	1,327	896	588
Nutrition program for elderly <sup>18</sup> .....	<sup>19</sup> 3,630	<sup>19</sup> 3,496	<sup>19</sup> 3,494	614	649	587	456	478	424
Housing benefits <sup>2</sup> .....	(X)	(X)	(X)	14,113	13,211	14,701	14,113	13,211	14,701
Lower-income housing asst. (Sec. 8) .....	<sup>19</sup> 2,010	<sup>19</sup> 2,240	<sup>19</sup> 2,338	6,818	8,125	9,133	6,818	8,125	9,133
Low-rent public housing .....	<sup>19</sup> 1,355	<sup>19</sup> 1,390	<sup>19</sup> 1,393	3,408	2,161	2,526	3,408	2,161	2,526
Rural housing loans .....	<sup>20</sup> 241	<sup>20</sup> 244	<sup>20</sup> 226	21,790	21,144	21,271	21,190	21,144	21,271
Interest reduction payments .....	<sup>20</sup> 628	<sup>20</sup> 528	<sup>20</sup> 528	619	638	628	619	638	628
Rural rental housing loans .....	<sup>20</sup> 26	<sup>20</sup> 17	<sup>20</sup> 17	<sup>21</sup> 903	<sup>21</sup> 565	<sup>21</sup> 555	<sup>21</sup> 903	<sup>21</sup> 555	<sup>21</sup> 555
Education aid <sup>2</sup> .....	(X)	(X)	(X)	9,970	10,279	10,507	9,516	9,768	9,966
Pell grants .....	<sup>22</sup> 2,797	<sup>22</sup> 2,660	<sup>22</sup> 2,862	<sup>23</sup> 2,800	<sup>23</sup> 3,580	<sup>23</sup> 4,187	<sup>23</sup> 2,800	<sup>23</sup> 3,580	<sup>23</sup> 4,187
Guaranteed student loans .....	<sup>22</sup> 3,477	<sup>22</sup> 3,300	<sup>22</sup> 3,440	<sup>24</sup> 3,868	<sup>24</sup> 3,179	<sup>24</sup> 2,664	<sup>24</sup> 3,868	<sup>24</sup> 3,179	<sup>24</sup> 2,664
Head Start .....	448	447	448	<sup>1</sup> 309	<sup>1</sup> 413	<sup>1</sup> 508	<sup>1</sup> 309	<sup>1</sup> 413	<sup>1</sup> 508
College Work-Study Program .....	<sup>22</sup> 737	<sup>22</sup> 738	<sup>22</sup> 785	<sup>25</sup> 555	<sup>25</sup> 593	<sup>25</sup> 588	<sup>25</sup> 555	<sup>25</sup> 593	<sup>25</sup> 588
Supplemental Educational Opportunity Grants .....	<sup>22</sup> 720	<sup>22</sup> 689	<sup>22</sup> 660	<sup>23</sup> 375	<sup>23</sup> 395	<sup>23</sup> 408	<sup>23</sup> 375	<sup>23</sup> 395	<sup>23</sup> 408
Services <sup>2</sup> .....	(X)	(X)	(X)	5,084	5,587	5,542	3,551	3,607	3,562
Social services (Title 20) <sup>25</sup> .....	(NA)	(NA)	(NA)	4,258	4,680	4,680	2,725	2,700	2,700
Community services block grant .....	(X)	(X)	(X)	372	409	377	372	409	377
Jobs and training <sup>2</sup> .....	(X)	(X)	(X)	3,976	3,853	3,820	3,895	3,782	3,748
Training for disadvantaged adults and youth .....	<sup>27</sup> 350	<sup>27</sup> 393	<sup>27</sup> 414	<sup>28</sup> 1,886	<sup>28</sup> 1,840	<sup>28</sup> 1,810	<sup>28</sup> 1,886	<sup>28</sup> 1,840	<sup>28</sup> 1,810
Summer youth employment program <sup>29</sup> .....	<sup>29</sup> 785	<sup>29</sup> 723	<sup>29</sup> 604	<sup>28</sup> 725	<sup>28</sup> 750	<sup>28</sup> 718	<sup>28</sup> 725	<sup>28</sup> 750	<sup>28</sup> 718
Job Corps <sup>26</sup> .....	<sup>27</sup> 41	<sup>27</sup> 41	<sup>27</sup> 41	<sup>28</sup> 617	<sup>28</sup> 656	<sup>28</sup> 716	<sup>28</sup> 617	<sup>28</sup> 656	<sup>28</sup> 716
Senior community service employment program .....	<sup>30</sup> 64	<sup>30</sup> 66	<sup>30</sup> 65	<sup>28</sup> 362	<sup>28</sup> 373	<sup>28</sup> 368	<sup>28</sup> 326	<sup>28</sup> 336	<sup>28</sup> 331
Work incentive program .....	<sup>31</sup> 1,013	<sup>31</sup> 914	(NA)	297	140	103	267	126	93
Energy assistance <sup>2</sup> .....	(X)	(X)	(X)	2,292	2,179	1,946	2,261	1,971	1,764
Low-income energy assistance <sup>3</sup> .....	<sup>32</sup> 8,800	<sup>32</sup> 8,800	<sup>32</sup> 8,200	<sup>33</sup> 2,095	<sup>33</sup> 2,013	<sup>33</sup> 1,780	2,070	1,810	1,603
Other <sup>34</sup> .....	(X)	(X)	(NA)	(X)	(X)	930	(X)	(X)	930

- Represents zero. NA Not available. X Not applicable. <sup>1</sup> Includes State and local government expenditures not shown separately. <sup>2</sup> Includes other programs not shown separately. Expenditure data include administrative expenses. <sup>3</sup> Unduplicated annual number. <sup>4</sup> Medical care for veterans with a non-service-connected disability. <sup>5</sup> For 1985, estimated number of patients discharged from hospital during year. For other years, estimated number of inpatients. <sup>6</sup> Estimated. <sup>7</sup> Annual numbers. <sup>8</sup> Aid to Families with Dependent Children program. Excludes data for foster care program and child support operations (cost and collections). <sup>9</sup> Excludes Federal sums spent for SSI (State supplements) to Indo-Chinese refugees. <sup>10</sup> Includes dependents and survivors. <sup>11</sup> Estimate as of September. <sup>12</sup> Includes Puerto Rico's nutritional assistance program. <sup>13</sup> Free and reduced-price segments. <sup>14</sup> Estimated daily average. <sup>15</sup> Includes estimate of commodity assistance. <sup>16</sup> Special supplemental food program for women, infants and children. <sup>17</sup> No income test required but preference given to those with greatest need. <sup>18</sup> Units eligible for payment at end of year. <sup>19</sup> Represents total families or dwelling units during year. <sup>20</sup> Amount of loans obligated. <sup>21</sup> Total numbers for the school year ending in year shown. <sup>22</sup> Appropriation available for school year ending the fiscal year named. <sup>23</sup> Net obligations for school year beginning in fiscal year named. <sup>24</sup> Non-Federal expenditure data are rough estimates. <sup>25</sup> Programs represent specific titles under the Job Training and Partnership Act (JTPA). <sup>26</sup> Average monthly enrollment for program year. <sup>27</sup> Federal funds are appropriations. <sup>28</sup> Total participants (June-August). <sup>29</sup> Annual number of jobs authorized. <sup>30</sup> New registrants only. <sup>31</sup> Number of households that received heating and winter crisis aid. <sup>32</sup> Includes sums transferred by States to other programs. State spending includes funds received as "oil overcharge" settlements. <sup>33</sup> Represents State Legalization Impact Assistance Grants, first offered in 1988, to offset State and local costs of welfare, health care, and education provided to legalized aliens.

Source: Library of Congress, Congressional Research Service, "Cash and Noncash Benefits for Persons With Limited Income: Eligibility Rules, Recipient and Expenditure Data, FY 1986-88," Report No. 89-585 EPW, October 1989 and earlier reports.

**No. 585. Households Receiving Means-Tested Noncash Benefits: 1980 to 1989**

[In thousands, except percent. Households as of March of following year. Covers civilian noninstitutional population, including persons in the Armed Forces living off post or with their families on post. A means-tested benefit program requires that the household's income and/or assets fall below specified guidelines in order to qualify for benefits. The means-tested noncash benefits covered are food stamps, free or reduced-price school lunches, public or subsidized housing, and Medicaid. There are general trends toward under-estimation of noncash beneficiaries. Households are classified according to poverty status of family or nonfamily household; for explanation of poverty level, see text, section 14. Based on Current Population Survey; see text, section 1, and Appendix III]

TYPE OF BENEFIT RECEIVED	1980	1985	1986	1987	1989			
					Total	Below poverty level		Above poverty level
						Number	Percent distribution	
Total households	82,368	88,458	89,479	91,066	93,347	11,369	100.0	81,978
Receiving at least one noncash benefit	14,266	14,466	14,809	14,277	15,012	7,023	61.8	7,989
Not receiving cash public assistance	7,860	7,860	8,181	7,730	8,342	2,945	25.9	5,397
Receiving cash public assistance	6,407	6,607	6,628	6,547	6,669	4,078	35.9	2,591
Total households receiving—								
Food stamps	6,769	6,779	6,593	6,351	6,508	4,635	40.8	1,873
School lunch	5,532	5,752	5,979	5,778	5,943	3,066	27.0	2,877
Public housing	2,777	3,799	3,789	3,983	4,085	2,305	20.3	1,780
Medicaid	8,287	8,178	8,521	8,314	9,180	4,945	43.5	4,235

<sup>1</sup> Households receiving money from Aid to Families with Dependent Children program, Supplemental Security Income program or other public assistance programs.

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

**No. 586. Public Income-Maintenance Programs—Cash Benefit Payments: 1970 to 1989**

[Includes payments outside the United States and benefits to dependents, where applicable]

PROGRAM	PAYMENTS (bil. dol.)										PERCENT		
	1970	1980	1982	1983	1984	1985	1986	1987	1988	1989	1970	1980	1989
Total <sup>1</sup>	60.6	228.1	282.9	298.6	309.1	335.4	356.8	372.2	392.0	(NA)	100.0	100.0	100.0
Percent of personal income <sup>2</sup>	7.3	10.1	10.6	10.5	9.9	9.9	10.1	9.8	9.6	(NA)	(X)	(X)	(X)
OASDI <sup>3</sup>	31.6	120.3	155.7	166.9	175.5	186.1	198.1	204.7	216.4	227.1	52.2	52.8	55.3
Public employee retirement <sup>4</sup>	9.2	40.6	51.4	55.0	59.0	63.0	66.9	72.1	76.2	(NA)	15.2	17.8	19.5
Railroad retirement	1.8	4.9	5.8	6.0	6.1	6.3	6.4	6.5	6.7	6.9	2.9	2.1	1.7
Veterans' pensions, compensation	5.5	11.4	13.3	13.7	13.8	14.3	14.5	14.5	14.9	15.0	9.1	5.0	3.8
Unemployment benefits <sup>5</sup>	4.2	18.9	21.1	19.2	13.6	14.4	16.0	14.4	13.2	13.5	7.0	8.3	3.4
Temporary disability benefits	0.7	1.4	1.6	1.6	1.8	1.8	2.1	2.5	2.8	(NA)	1.2	0.6	0.7
Workers' compensation <sup>6</sup>	2.0	9.7	11.3	11.9	13.3	22.3	24.7	27.1	29.7	(NA)	3.3	4.2	7.6
Public assistance	4.9	12.1	13.0	13.9	14.6	15.3	16.1	16.5	17.0	17.6	8.0	5.3	4.3
Supplemental Security Income <sup>7</sup>	(X)	7.9	9.0	9.5	10.4	11.1	12.9	13.6	14.7	15.2	(X)	3.4	3.7

NA Not available. X Not applicable. <sup>1</sup> Includes lump sum death benefits, not shown separately. Lump sum death benefits for State and local government employee retirement systems are not available beginning 1987. <sup>2</sup> For base data, see table 708. <sup>3</sup> Old-age, survivors, and disability insurance under Federal Social Security Act; see text, section 12. <sup>4</sup> Excludes refunds of contributions to employees who leave service. <sup>5</sup> Beginning 1981, covers State unemployment insurance, Ex-Servicemen's Compensation Act and railroad unemployment insurance only. <sup>6</sup> Includes black lung benefits. <sup>7</sup> Beginning 1975, Federal grants to States for aid to aged, blind, and disabled replaced by Supplemental Security Income programs; see text, section 12.

Source: U.S. Social Security Administration, *Social Security Bulletin*, monthly and unpublished data.

**No. 587. Estimated Workers Under Social Insurance Programs: 1970 to 1989**

[In millions. As of December, except as noted. See also *Historical Statistics, Colonial Times to 1970*, series H 51-56]

EMPLOYMENT AND COVERAGE STATUS	1970	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Total labor force <sup>1 2</sup>	88.2	109.1	110.7	112.7	113.5	115.7	117.5	119.8	122.0	123.8	125.7
Paid civilian population	77.6	98.9	99.0	98.4	102.2	105.5	107.7	110.2	113.3	115.6	117.4
Unpaid family workers	0.8	0.6	0.5	0.5	0.6	0.5	0.4	0.3	0.4	0.4	0.3
Unemployed	2.6	7.4	9.0	11.6	9.0	8.0	7.7	7.5	6.5	6.1	6.3
Armed Forces <sup>2</sup>	3.4	2.1	2.2	2.2	1.7	1.7	1.7	1.8	1.8	1.7	1.7
Civilian population covered by:											
Public retirement programs	75.3	96.4	96.4	95.7	99.5	104.4	106.6	109.1	112.2	114.5	116.3
OASDI <sup>3</sup>	69.2	89.3	89.5	88.9	92.7	98.0	100.3	102.9	106.0	108.4	110.3
Railroad retirement	0.6	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
Public employees retirement <sup>4</sup>	5.5	6.6	6.4	6.4	6.4	6.0	6.0	5.9	5.9	5.8	5.8
Unemployment insurance	55.8	87.2	89.9	87.9	91.3	95.8	98.2	100.2	103.7	106.9	109.1
Workers' compensation	59.0	79.1	78.8	78.1	80.5	83.4	85.1	87.2	90.0	92.8	95.3
Temporary disability insurance	14.6	18.4	18.4	18.1	18.7	19.3	19.8	20.3	21.6	21.8	(NA)

NA Not available. <sup>1</sup> Data from U.S. Bureau of Labor Statistics and based on U.S. Bureau of the Census' Current Population Survey; see text, section 1, and Appendix III. <sup>2</sup> Excludes Armed Forces overseas beginning 1983. <sup>3</sup> OASDI=Old-age, survivors, disability, and health insurance. Excludes members of Armed Forces and railroad employees. <sup>4</sup> Data represent yearly averages. Excludes State and local government employees covered by both OASDI and their own retirement program.

Source: U.S. Social Security Administration, *Annual Statistical Supplement to the Social Security Bulletin*.

### No. 588. Social Insurance and Related Programs—Cash Beneficiaries and Benefits, by Program: 1980 to 1988

[Includes some beneficiaries and benefit payments for some programs in outlying areas. OASDHI=Old-age, survivors, disability, and health insurance, Federal programs under Social Security Act; see text, section 12. Partly estimated. See also *Historical Statistics, Colonial Times to 1970*, series H 125-171]

PROGRAM	BENEFICIARIES <sup>1</sup> (1,000)					AMOUNT OF BENEFITS (mil. dol.)				
	1980	1985	1986	1987	1988	1980	1985	1986	1987	1988
<b>Total</b> . . . . .	(X)	(X)	(X)	(X)	(X)	207,797	301,529	316,272	328,640	345,025
Percent of personal income . . . . .	(X)	(X)	(X)	(X)	(X)	9.2	9.1	9.0	8.7	8.5
<b>Retirement</b> <sup>2</sup> . . . . .	(X)	(X)	(X)	(X)	(X)	113,252	187,532	198,226	209,074	223,530
OASDHI . . . . .	22,267	25,739	26,157	26,755	27,168	77,905	132,298	140,418	146,836	156,696
Public employee retirement . . . . .	4,208	5,317	5,554	5,768	5,876	32,416	51,372	53,865	58,178	62,641
Federal civil service . . . . .	913	1,122	1,166	1,186	1,237	10,227	16,111	15,869	16,959	18,295
Other Federal employee . . . . .	1,149	1,283	1,299	1,313	1,337	11,397	16,078	16,390	16,681	17,725
State and local government . . . . .	2,146	2,912	3,089	3,269	3,302	10,792	19,183	21,607	24,538	26,621
Railroad retirement . . . . .	589	566	575	568	562	2,931	3,862	3,943	4,060	4,193
<b>Disability</b> <sup>2,4</sup> . . . . .	(X)	(X)	(X)	(X)	(X)	39,659	52,129	55,156	57,770	60,310
OASDHI . . . . .	4,729	3,873	3,715	4,034	4,046	15,437	18,647	19,524	20,414	21,386
Public employee retirement . . . . .	720	699	682	658	652	5,371	6,710	7,746	7,803	7,456
Federal civil service . . . . .	355	332	326	318	311	2,885	3,404	4,476	4,563	4,016
Other Federal employee . . . . .	157	144	144	143	143	1,275	1,459	1,437	1,433	1,479
State and local government . . . . .	208	223	212	196	198	1,211	1,848	1,833	1,807	1,961
Railroad retirement . . . . .	95	85	84	83	82	564	696	706	738	776
Veterans Admin. programs . . . . .	3,194	2,933	2,894	2,850	2,811	8,602	10,748	10,886	11,210	11,347
Workers' compensation . . . . .	(NA)	(NA)	(NA)	(NA)	(NA)	7,245	12,646	13,333	14,179	15,738
Black lung benefit program . . . . .	252	156	140	127	114	1,077	795	836	809	789
Temporary disability:										
State insurance . . . . .	199	169	148	152	157	1,300	1,844	2,067	2,545	2,754
Railroad insurance . . . . .	14	11	12	11	10	63	43	58	72	64
<b>Survivor monthly benefits</b> . . . . .	(X)	(X)	(X)	(X)	(X)	34,986	46,289	45,668	47,069	48,602
OASDHI . . . . .	8,260	7,162	7,127	7,184	7,222	26,654	34,807	33,785	35,029	35,664
Public employee retirement . . . . .	763	858	881	897	923	2,895	4,761	4,985	5,366	5,764
Federal civil service . . . . .	439	501	516	528	541	1,830	3,177	3,306	3,581	3,805
Other Federal employee . . . . .	71	114	128	136	147	301	616	677	734	830
State and local government . . . . .	253	243	237	233	235	664	968	1,002	1,041	1,129
Railroad retirement . . . . .	330	311	289	285	279	1,372	1,702	1,722	1,737	1,763
Veterans Admin. programs . . . . .	1,465	1,062	1,035	979	932	2,755	3,310	3,375	3,123	3,499
Workers' compensation . . . . .	(NA)	(NA)	(NA)	(NA)	(NA)	675	980	1,032	1,067	1,185
Black lung benefit program . . . . .	158	148	144	140	135	635	730	768	747	728
<b>Lump-sum payments</b> . . . . .	(X)	(X)	(X)	(X)	(X)	964	818	1,106	337	353
OASDHI . . . . .	(X)	(X)	(X)	(X)	(X)	395	143	136	138	142
Public employee retirement . . . . .	(X)	(X)	(X)	(X)	(X)	377	542	840	56	69
Federal civil service . . . . .	(X)	(X)	(X)	(X)	(X)	23	3	6	6	7
Other Federal employee . . . . .	(X)	(X)	(X)	(X)	(X)	3	6	6	6	7
State and local government . . . . .	(X)	(X)	(X)	(X)	(X)	352	502	778	(NA)	(NA)
Railroad retirement . . . . .	(X)	(X)	(X)	(X)	(X)	14	9	10	9	8
Veterans Admin. programs . . . . .	(X)	(X)	(X)	(X)	(X)	178	124	120	134	134
<b>Unemployment</b> . . . . .	(X)	(X)	(X)	(X)	(X)	18,935	14,761	16,116	14,391	12,230
State unemployment insurance . . . . .	2,830	2,409	2,391	2,032	1,833	18,756	14,629	15,988	14,276	12,159
Railroad unemployment insurance . . . . .	38	29	24	17	13	179	132	128	115	71

NA Not available. X Not applicable. <sup>1</sup> For old-age, survivors, disability, and health insurance, average monthly number; for public employee retirement systems, railroad retirement program, veterans programs, and the black lung benefit program, number on rolls June 30; for State unemployment and temporary disability insurance, average weekly number; for railroad unemployment and temporary disability insurance, average number during 14-day registration period. <sup>2</sup> Includes benefits to dependents where applicable. <sup>3</sup> Benefits for career military personnel (those with 20 years' service) are paid by the U.S. Dept. of Defense and are included under "Other Federal employee." <sup>4</sup> Excludes payments for medical care. <sup>5</sup> Payable in CA, NJ, NY, RI, and PR under public and private plans. Data for beneficiaries in NJ not available. <sup>6</sup> Lump sums are for burial of deceased veterans. <sup>7</sup> Includes payments made by the States as agents of the Federal Government under the Federal employees' unemployment compensation program and under the Ex-Servicemen's Compensation Act of 1958, and payment under the extended unemployment insurance programs, the Trade Expansion Act of 1962, the Disaster Relief Act of 1970 and the Trade Act of 1974. Beginning 1985, payments cover State unemployment insurance and Ex-Servicemen's Compensation Act only. Beneficiaries relate to regular State unemployment insurance, Federal employee (1980), and ex-servicemen programs only. Includes Puerto Rico.

Source: U.S. Social Security Administration, *Annual Statistical Supplement to the Social Security Bulletin*, and unpublished data.

### No. 589. Selected Social Insurance Programs—Estimated Payrolls of Covered Employment in Relation to Wages and Salaries: 1970 to 1988

[In billions of dollars, except percent. Data for Federal civilian and military personnel cover all areas. Gross amount before deduction of social insurance contributions. OASDI: Old-age, survivors, disability, and health insurance programs under Social Security Act; see text, section 12. See also *Historical Statistics, Colonial Times to 1970*, series H 57-69]

PROGRAM	1970	1980	1981	1982	1983	1984	1985	1986	1987	1988
Total earnings <sup>1</sup>	615	1,553	1,697	1,717	1,867	2,073	2,232	2,381	2,573	2,785
All wages and salaries	549	1,372	1,510	1,586	1,676	1,839	1,975	2,094	2,250	2,431
Civilian	528	1,342	1,475	1,546	1,634	1,794	1,926	2,044	2,198	2,378
Payrolls covered by—										
Retirement programs <sup>2</sup>	528	1,318	1,445	1,529	1,614	1,782	1,904	2,029	2,177	2,371
OASDI <sup>3</sup>	480	1,229	1,348	1,423	1,502	1,665	1,779	1,899	2,042	2,227
Railroad retirement <sup>4</sup>	6	13	13	13	12	13	13	12	12	12
Federal civil service	26	52	56	59	62	65	70	72	74	80
State and local government	53	123	135	143	153	162	175	190	203	219
Unemployment insurance <sup>5</sup>	389	1,303	1,433	1,500	1,583	1,739	1,870	1,983	2,046	2,215
Workers' compensation program <sup>6</sup>	441	1,136	1,247	1,301	1,382	1,516	1,618	1,725	1,845	1,997
Net earnings in self-employment covered by OASDI	48	98	99	99	109	117	122	139	156	166
Percent of civilian payrolls covered by—										
OASDI <sup>3</sup>	90.9	92.6	92.5	93.1	92.6	92.9	92.4	92.9	92.9	93.7
Railroad retirement <sup>4</sup>	1.2	1.0	0.9	0.8	0.7	0.7	0.7	0.6	0.5	0.5
Federal civil service retirement	5.0	3.9	3.8	3.9	3.8	3.7	3.6	3.5	3.4	3.4
State and local government retirement	10.1	9.2	9.2	9.2	9.4	9.0	8.1	9.3	9.2	9.2
Unemployment insurance	73.7	97.1	97.1	97.0	96.9	97.0	97.1	97.0	93.1	93.1
Workers' compensation programs <sup>6</sup>	83.6	84.6	84.5	84.1	84.6	84.5	84.0	84.4	84.0	84.0

<sup>1</sup> Data from U.S. Bureau of Economic Analysis. Earnings include self-employed; wages and salaries represent civilian and military pay in cash and in kind. <sup>2</sup> Adjusted for duplication in coverage by both OASDI and State and local government retirement systems. <sup>3</sup> Taxable plus estimated nontaxable wages and salaries. <sup>4</sup> Includes Armed Forces in all areas.

<sup>5</sup> Payrolls of employers insured with private carriers, State funds, or self-insured, and pay covered by Federal programs in all areas. <sup>6</sup> Percent computed after excluding Armed Forces payroll covered by OASDI.

### No. 590. Selected Social Insurance Programs—Source of Funds From Contributions and Transfers: 1970 to 1989

[In millions of dollars]

PROGRAM AND SOURCE OF FUNDS	1970	1980	1982	1983	1984	1985	1986	1987	1988	1989
Social Security trust funds:										
Old-age and survivors insurance (OASI)										
Employer	30,705	103,996	124,353	143,878	167,062	182,368	194,325	206,049	233,202	252,869
Employee	14,489	49,731	59,105	63,935	78,110	83,682	90,261	95,499	107,427	117,558
Self-employed	14,204	49,438	58,918	63,731	73,991	83,400	89,796	95,122	106,913	116,783
Government	1,564	4,289	5,649	5,049	6,632	7,720	8,755	10,122	13,059	13,502
Tax credits <sup>1</sup>	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Taxation of benefits <sup>2</sup>	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Disability insurance (DI)	4,497	13,385	22,159	19,112	16,135	18,430	18,637	19,655	22,100	24,089
Employer	2,154	6,307	10,597	8,379	7,536	8,119	8,703	9,282	10,301	11,274
Employee	2,117	6,254	10,574	8,339	7,142	8,087	8,658	9,253	10,252	11,197
Self-employed	210	694	824	830	741	776	856	982	1,257	1,297
Government <sup>1</sup>	16	130	174	1,565	92	1,048	31	21	27	30
Tax credits <sup>2</sup>	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Taxation of benefits <sup>3</sup>	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Hospital insurance (HI) <sup>4</sup>	5,820	24,982	35,976	41,283	43,571	48,035	55,648	59,595	63,451	68,884
Employer	2,379	11,591	16,791	18,187	20,396	22,613	25,986	27,750	29,233	32,258
Employee	2,332	11,518	16,734	18,128	20,356	22,549	25,879	27,637	29,086	32,045
Self-employed	169	739	1,061	943	1,381	1,970	2,308	2,805	3,555	3,519
Government <sup>1</sup>	874	671	1,015	3,639	899	47	657	580	596	86
Tax credits <sup>2</sup>	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Supplementary medical insurance (SMI) <sup>5</sup>	2,189	10,466	15,981	19,097	22,221	23,863	23,524	30,969	34,964	41,637
Aged	1,096	2,707	3,341	3,845	4,721	5,105	5,218	6,747	7,983	9,793
Disabled	(X)	304	356	391	445	508	504	661	778	993
Government	1,093	7,455	12,284	14,861	17,054	18,250	17,802	23,560	26,203	30,852
Railroad retirement <sup>6</sup>	968	2,630	3,304	3,604	4,803	4,966	4,811	4,858	4,596	(NA)
Employer	510	1,722	2,036	2,014	2,379	2,417	2,413	2,370	2,669	(NA)
Employee	439	594	858	849	1,022	1,110	1,120	1,102	1,279	(NA)
Government <sup>1</sup>	19	313	410	741	1,068	1,099	873	285	430	(NA)
Federal civil service	3,870	19,986	23,964	25,124	25,566	27,160	27,718	27,785	28,802	(NA)
Employer (Federal and DC govt.)	2,001	16,220	18,736	20,673	20,900	22,472	23,022	23,144	24,258	(NA)
Employee <sup>7</sup>	1,869	3,766	4,228	4,451	4,666	4,688	4,696	4,641	4,544	(NA)
State and local government <sup>8</sup>	7,895	25,654	30,782	32,790	34,309	37,455	39,185	41,597	46,709	(NA)
Employer (government)	4,920	18,776	22,366	24,050	25,305	27,699	28,599	30,356	34,894	(NA)
Employee	2,975	6,878	8,416	8,740	9,004	9,756	10,586	11,241	11,815	(NA)

NA Not available. X Not applicable. <sup>1</sup> Represents cost of gratuitous military service wage credits and, for OASI only, Federal payments for special age-72 benefits. For HI only, also includes transfers of appropriations for HI benefits of persons not insured for cash benefits under OASI, DI, or railroad retirement and, beginning 1980, transfers for Professional Standards Review Organization expenditures. Beginning 1983, includes taxes on deemed wage credits for military service performed after 1956.

<sup>2</sup> See footnotes 5 and 6, table 591. <sup>3</sup> Revenues arising from application of income tax to up to half of the social security benefits of beneficiaries who have substantial amounts of other income. Minus sign (-) indicates tax refunds. <sup>4</sup> Includes other sources not shown separately. <sup>5</sup> Includes premiums paid on behalf of eligibles by State governments under "buy-in" arrangements.

<sup>6</sup> Excludes HI contributions and includes employer contributions to supplement benefit account. <sup>7</sup> Includes voluntary contributions to purchase additional annuity. <sup>8</sup> Estimated.

Source of tables 589 and 590: U.S. Social Security Administration, *Annual Statistical Supplement to the Social Security Bulletin*.

### No. 591. Social Security—Covered Employment, Earnings, and Contribution Rates: 1970 to 1989

[Includes Puerto Rico, Virgin Islands, American Samoa, and Guam. Represents all reported employment. Data are estimated. OASDI=Old-age, survivors, disability, and health insurance; SMI=Supplementary medical insurance. See also *Historical Statistics, Colonial Times to 1970*, series H 172-185]

ITEM	Unit	1970	1980	1982	1983	1984	1985	1986	1987	1988	1989
Workers with insured status <sup>1</sup>	Million	105.7	137.4	143.0	145.0	147.0	148.7	150.6	152.7	155.2	157.6
Male	Million	61.9	75.4	77.7	78.4	78.8	79.7	80.7	81.5	82.5	83.4
Female	Million	43.8	62.0	65.3	66.6	68.2	69.0	69.9	71.2	72.7	74.2
Under 25 years old	Million	17.7	25.5	25.3	24.4	23.1	22.3	21.9	21.3	21.2	20.8
25 to 34 years old	Million	22.3	34.9	37.3	38.0	39.7	39.9	40.0	40.6	41.0	41.2
35 to 44 years old	Million	19.0	22.4	24.3	25.9	27.2	28.5	29.8	31.2	32.3	33.5
45 to 54 years old	Million	19.0	18.6	18.6	18.6	18.8	19.0	19.3	19.8	20.5	21.4
55 to 59 years old	Million	7.8	9.2	9.2	9.2	9.1	9.1	9.0	8.9	8.8	8.7
60 to 64 years old	Million	6.3	7.9	8.3	8.4	8.6	8.7	8.8	8.7	8.7	8.7
65 to 69 years old	Million	5.1	6.7	7.0	7.1	7.1	7.3	7.5	7.6	7.7	7.9
70 years old and over	Million	8.5	12.1	13.0	13.4	13.4	13.9	14.3	14.7	15.0	15.4
Workers reported with—											
Taxable earnings <sup>2</sup>	Million	93	112	111	112	116	120	123	125	130	132
Maximum earnings <sup>2</sup>	Million	24	10	8	7	7	7	7	8	8	8
Earnings in covered employment	Bill. dol.	532	1,326	1,517	1,608	1,772	1,912	2,035	2,198	2,411	2,619
Reported taxable <sup>2</sup>	Bill. dol.	416	1,176	1,365	1,454	1,609	1,724	1,844	1,960	2,101	2,264
Percent of total	Percent	78.2	88.7	90.0	90.4	90.8	90.2	90.6	89.2	87.1	86.4
Average per worker:											
Total earnings <sup>2</sup>	Dollars	5,711	11,817	13,669	14,345	15,260	15,955	16,587	17,584	18,610	19,826
Taxable earnings <sup>2</sup>	Dollars	4,464	10,500	12,297	12,982	13,871	14,367	14,992	15,680	16,215	17,139
Annual maximum taxable earnings	Dollars	7,800	25,900	32,400	35,700	37,800	39,600	42,000	43,800	45,000	48,000
Maximum tax <sup>2</sup>	Dollars	374	1,588	2,171	2,392	2,533	2,792	3,003	3,132	3,380	3,605
Contribution rates for OASDI: <sup>4</sup>											
Each employer and employee	Percent	4.80	6.13	6.70	6.70	57.00	7.05	7.15	7.15	7.51	7.51
Self-employed <sup>5</sup>	Percent	6.90	8.10	9.35	9.35	14.00	14.10	14.30	14.30	15.02	15.02
SMI, monthly premium <sup>7</sup>	Dollars	5.30	9.80	12.20	12.20	14.60	15.50	15.50	17.90	24.80	31.90

<sup>1</sup> Fully insured for retirement and/or survivor benefits as of beginning of year. <sup>2</sup> Includes self-employment. <sup>3</sup> Employee's maximum tax; see footnote 5. <sup>4</sup> As of January 1, 1990 each employee and employer pays 7.65 percent and the self-employed pays 15.3 percent. <sup>5</sup> Employee pays 6.7 percent. Employee's additional 3 percent is supplied from general revenues. <sup>6</sup> Self-employed pays 11.3 percent in 1984, 11.8 percent in 1985, 12.3 percent in 1986 and 1987, and 13.02 percent in 1988 and 1989. The additional amount is supplied from general revenues. <sup>7</sup> 1970-82, as of July 1; beginning 1983, as of January 1. As of January 1, 1990 the monthly premium is \$29.90.

Source: U.S. Social Security Administration, *Annual Statistical Supplement to the Social Security Bulletin*, and unpublished data.

### No. 592. Social Security Trust Funds: 1970 to 1989

[In millions of dollars, except percent. See also *Historical Statistics, Colonial Times to 1970*, series H 238-242]

TYPE OF TRUST FUND	1970	1980	1983	1984	1985	1986	1987	1988	1989
<b>Old-age and survivors insurance (OASI):</b>									
Net contribution income	30,256	103,456	136,337	166,957	180,165	194,165	205,992	233,159	252,835
Interest received <sup>2</sup>	1,515	1,845	6,706	2,566	1,871	3,069	4,660	7,568	11,985
Benefit payments <sup>3</sup>	28,798	105,083	149,221	157,841	167,248	176,813	183,587	195,454	207,971
Assets, end of year	32,454	22,823	19,672	27,117	35,842	39,081	62,149	102,899	155,063
<b>Disability insurance (DI):</b>									
Net contribution income <sup>1</sup>	4,481	13,255	17,991	16,135	17,413	18,637	19,655	22,100	24,088
Interest received <sup>2</sup>	277	485	1,569	1,174	870	803	648	600	707
Benefit payments <sup>3</sup>	3,085	15,515	17,524	17,898	18,827	19,653	20,519	21,895	22,811
Assets, end of year	5,614	3,829	5,195	3,959	6,321	7,780	6,658	6,864	7,905
<b>Hospital insurance (HI):</b>									
Net contribution income <sup>1,7</sup>	4,881	23,866	38,169	42,468	47,703	54,717	58,780	62,570	68,505
Interest received <sup>2</sup>	158	1,149	3,285	3,150	3,362	3,619	4,874	6,364	6,790
Benefit payments	5,124	25,064	39,337	43,257	47,480	49,758	49,498	52,517	60,011
Assets, end of year	3,202	13,749	12,858	15,691	20,499	39,957	53,732	69,640	85,558
<b>Supplementary medical insurance (SMI):</b>									
Net premium income	1,096	3,011	4,236	5,187	5,613	5,722	7,409	8,761	10,785
Transfers from general revenue	1,093	7,455	14,861	17,054	18,250	17,802	23,560	26,203	30,852
Interest received	12	408	725	859	1,243	1,141	875	861	1,077
Benefit payments	1,975	10,635	18,106	19,661	22,947	26,239	30,820	33,970	38,365
Assets, end of year	188	4,530	7,070	9,698	10,824	8,291	8,394	8,990	12,201

<sup>1</sup> Includes deposits by States and deductions for refund of estimated employee-tax overpayment. Beginning in 1983, includes government contributions on deemed wage credits for military service in 1957 and later. Beginning 1984 includes tax credits on wages paid in 1984 and net earnings from self-employment in 1984-89; and taxation of benefits (OASI and DI, only). <sup>2</sup> Beginning in 1983, includes interest on advance tax transfers and interest on reimbursement for unnegotiated checks. Data for 1983 and 1984 reflect interest on deemed wage credits for military service performed after 1956. Data for 1983-1986 reflect interest on interfund borrowing. <sup>3</sup> Includes payments for vocational rehabilitation services furnished to disabled persons receiving benefits because of their disabilities. Beginning in 1983, amounts reflect deductions for unnegotiated benefit checks. <sup>4</sup> Data adjusted to reflect 12 months of benefit payments. <sup>5</sup> Includes \$18 billion borrowed from the DI and HI Trust Funds. Repayments on Jan. 31, 1985, reduced such amounts to \$13.2 billion. <sup>6</sup> Excludes \$5 billion lent to the OASI Trust Fund. Repayment on Jan. 31, 1985, reduced the total to \$2.5 billion. <sup>7</sup> Beginning in 1980, includes premiums from aged ineligible enrollees in HI. <sup>8</sup> Excludes \$12 billion lent to the OASI Trust Fund. Repayment on Jan. 31, 1985, reduced the total to \$10.6 billion.

Source: U.S. Social Security Administration, *Annual Report of Board of Trustees, OASI, DI, HI, and SMI Trust Funds*. Also published in *Social Security Bulletin*, monthly.

**No. 593. Social Security (OASDI)—Benefits, by Type of Beneficiary: 1970 to 1989**

[A person eligible to receive more than one type of benefit is generally classified or counted only once as a retired-worker beneficiary. OASDI=Old-age, survivors, and disability insurance. See also headnote, table 591; Appendix III; and *Historical Statistics, Colonial Times to 1970*, series H 197-229]

TYPE OF BENEFICIARY	1970	1980	1982	1983	1984	1985	1986	1987	1988	1989
<b>BENEFITS IN CURRENT-PAYMENT STATUS<sup>1</sup> (end of year)</b>										
<b>Number of benefits (1,000).</b>	<b>26,229</b>	<b>35,585</b>	<b>35,839</b>	<b>36,085</b>	<b>36,479</b>	<b>37,058</b>	<b>37,703</b>	<b>38,190</b>	<b>38,827</b>	<b>39,151</b>
Retired workers <sup>2</sup> (1,000)	13,349	19,562	20,763	21,419	21,906	22,432	22,980	23,440	23,858	24,327
Disabled workers <sup>3</sup> (1,000)	1,493	2,859	2,604	2,569	2,597	2,657	2,728	2,786	2,830	2,885
Wives and husbands <sup>2,4</sup> (1,000)	2,952	3,477	3,405	3,347	3,355	3,375	3,387	3,381	3,367	3,365
Children (1,000)	4,122	4,607	3,883	3,593	3,408	3,319	3,295	3,244	3,204	3,185
Under age 18	3,315	3,423	2,934	2,812	2,729	2,699	2,665	2,604	2,534	2,488
Disabled children <sup>5</sup>	271	450	472	488	506	526	545	561	574	586
Students <sup>6</sup>	537	733	476	293	173	94	84	79	96	91
Of retired workers	546	639	558	512	477	457	450	439	432	423
Of deceased workers	2,688	2,610	2,321	2,146	2,010	1,917	1,878	1,837	1,809	1,780
Of disabled workers	889	1,358	1,004	936	921	945	966	968	963	962
Widowed mothers <sup>7</sup> (1,000)	523	562	515	400	382	372	351	329	318	312
Widows and widowers <sup>2,8</sup> (1,000)	3,227	4,411	4,595	4,694	4,779	4,863	4,928	4,984	5,029	5,071
Parents <sup>9</sup> (1,000)	29	15	12	11	10	10	9	8	7	6
Special benefits <sup>9</sup> (1,000)	534	93	63	51	40	32	25	19	14	10
<b>Average monthly benefit, current dollars:</b>										
Retired workers <sup>2</sup>	118	341	419	441	461	479	489	513	537	567
Retired worker and wife <sup>2</sup>	199	567	702	743	780	814	831	873	914	966
Disabled workers <sup>3</sup>	131	371	441	456	471	484	488	508	530	556
Wives and husbands <sup>2,4</sup>	59	164	203	217	227	236	241	253	265	281
Children of retired workers	45	140	165	176	188	198	204	216	228	242
Children of deceased workers	82	240	285	298	314	330	337	352	368	385
Children of disabled workers	39	110	128	136	139	142	141	146	151	157
Widowed mothers <sup>7</sup>	87	246	303	309	322	332	338	353	368	388
Widows and widowers, nondisabled <sup>2</sup>	102	311	379	396	415	433	444	468	493	522
Parents <sup>9</sup>	103	276	335	350	364	378	386	407	428	454
Special benefits <sup>9</sup>	45	105	125	129	134	138	140	145	151	158
<b>Average monthly benefit, constant (1989) dollars:</b>										
Retired workers <sup>2</sup>	374	498	541	549	552	553	557	561	562	567
Retired worker and wife <sup>2</sup>	631	828	907	925	934	939	948	954	956	966
Disabled workers <sup>3</sup>	415	542	570	568	564	558	557	555	555	556
Wives and husbands <sup>2,4</sup>	187	240	262	270	272	272	275	278	277	281
Children of deceased workers	260	351	368	371	376	382	385	386	385	385
Widowed mothers <sup>7</sup>	276	359	391	385	386	383	386	386	385	388
Widows and widowers, nondisabled <sup>2</sup>	323	454	490	493	497	500	507	511	516	522
<b>BENEFITS AWARDED DURING YEAR (1,000)</b>										
<b>Number of benefits.</b>	<b>3,722</b>	<b>4,215</b>	<b>3,859</b>	<b>3,756</b>	<b>3,691</b>	<b>3,796</b>	<b>3,853</b>	<b>3,734</b>	<b>3,681</b>	<b>3,646</b>
Retired workers <sup>2</sup>	1,338	1,620	1,625	1,670	1,607	1,690	1,734	1,682	1,654	1,657
Disabled workers <sup>3</sup>	350	389	299	311	362	377	417	418	409	426
Wives and husbands <sup>2,4</sup>	436	469	430	436	425	440	441	411	391	380
Children	1,091	1,174	922	753	722	714	701	685	706	675
Widowed mothers <sup>7</sup>	112	108	87	82	74	72	69	65	63	60
Widows and widowers <sup>2,8</sup>	363	452	495	502	500	502	491	475	458	449
Parents <sup>9</sup>	2	1	1	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Special benefits <sup>9</sup>	30	1	1	1	1	1	(Z)	(Z)	(Z)	(Z)
<b>BENEFIT PAYMENTS DURING YEAR (mil. dol.)</b>										
<b>Total amount <sup>11</sup></b>	<b>31,863</b>	<b>120,472</b>	<b>156,137</b>	<b>167,033</b>	<b>175,762</b>	<b>186,195</b>	<b>196,692</b>	<b>204,156</b>	<b>217,214</b>	<b>230,850</b>
Monthly benefits <sup>12</sup>	31,570	120,118	155,934	166,827	175,551	185,968	196,489	203,953	217,006	230,644
Retired workers <sup>2</sup>	18,437	70,359	95,123	103,578	109,957	116,823	123,584	126,513	136,987	146,027
Disabled workers <sup>3</sup>	2,448	12,817	14,810	15,196	15,623	16,483	17,409	18,053	19,165	20,314
Wives and husbands <sup>2,4</sup>	2,194	7,043	9,191	9,934	10,396	11,061	11,700	12,130	12,820	13,578
Children	3,517	10,514	11,302	10,782	10,651	10,710	10,899	10,956	11,337	11,539
Under age 18	2,701	7,374	8,312	8,330	8,401	8,502	8,687	8,516	8,695	8,725
Disabled children <sup>5</sup>	250	1,048	1,387	1,497	1,621	1,760	1,961	2,010	2,189	2,346
Students <sup>6</sup>	566	2,093	1,602	955	629	447	251	429	453	468
Of retired workers	303	1,142	1,223	1,143	1,135	1,140	1,166	1,183	1,219	1,249
Of deceased workers	2,760	7,389	8,204	7,911	7,775	7,762	7,843	7,846	8,120	8,254
Of disabled workers	454	1,982	1,875	1,728	1,741	1,809	1,890	1,926	1,999	2,036
Widowed mothers <sup>7</sup>	574	1,572	1,861	1,771	1,474	1,474	1,457	1,388	1,392	1,401
Widows and widowers <sup>2,8</sup>	4,055	17,638	23,488	25,425	27,325	29,330	31,345	32,833	35,233	37,723
Parents <sup>9</sup>	39	55	59	56	53	51	48	44	43	41
Special benefits <sup>9</sup>	306	119	100	85	71	57	47	36	29	21
Lump sum	294	355	203	205	212	207	203	203	208	206

Z Fewer than 500. <sup>1</sup> Benefit payment actually being made at a specified time with no deductions or with deductions amounting to less than a month's benefits; i.e., the benefits actually being received. <sup>2</sup> 62 years and over. <sup>3</sup> Disabled workers under age 65. <sup>4</sup> Includes wife beneficiaries with entitled children in their care and entitled divorced wives. <sup>5</sup> 18 years old and over. Disability began before age 18 and, beginning 1973, before age 22. <sup>6</sup> Full-time students aged 18-21 through 1984 and aged 18 and 19 beginning 1985. <sup>7</sup> Includes surviving divorced mothers with entitled children in their care and, beginning June 1975, widowed fathers with entitled children in their care. <sup>8</sup> Includes widows aged 60-61, surviving divorced wives aged 60 and over, disabled widows and widowers aged 50 and over; and beginning Jan. 1973, widowers aged 60-61. <sup>9</sup> Benefits for persons aged 72 and over not insured under regular or transitional provisions of Social Security Act. <sup>10</sup> Constant dollar figures are based on the consumer price index published by the U.S. Bureau of Labor Statistics; see table 770. <sup>11</sup> Represents total disbursements of benefit checks by the U.S. Dept. of the Treasury during the years specified. <sup>12</sup> Distribution by type estimated.

Source: U.S. Social Security Administration, *Annual Statistical Supplement to the Social Security Bulletin*, and unpublished data.



# **No. 594. Social Security—Beneficiaries, Annual Payments, and Average Monthly Benefit, 1970 to 1989, and by State and Other Areas, 1989**

[Number of beneficiaries in current-payment status and average monthly benefit as of December. See also headnote, table 593, and Appendix III]

YEAR, DIVISION, STATE, AND OTHER AREA	NUMBER OF BENEFICIARIES (1,000)				ANNUAL PAYMENTS (mil.dol.)				AVERAGE MONTHLY BENEFIT (dol.)		
	Total	Retired workers and dependents <sup>1</sup>	Survivors	Disabled workers and dependents	Total	Retired workers and dependents <sup>1</sup>	Survivors <sup>2</sup>	Disabled workers and dependents	Retired workers <sup>3</sup>	Dis- abled workers	Widows and widowers <sup>4</sup>
1970.....	26,229	17,093	6,470	2,665	31,863	21,076	7,721	3,067	118	131	102
1980.....	35,585	23,309	7,598	4,678	120,472	78,025	27,010	15,437	341	371	311
1983.....	36,085	25,021	7,251	3,813	167,033	114,133	35,369	17,530	441	456	396
1984.....	36,479	25,474	7,182	3,822	175,762	121,023	36,839	17,900	461	471	415
1985.....	37,058	25,989	7,162	3,907	186,195	128,536	38,824	18,836	479	484	433
1986.....	37,703	26,541	7,166	3,995	196,692	135,949	40,896	19,847	489	488	444
1987.....	38,190	26,988	7,157	4,045	204,156	141,329	42,315	20,512	513	508	468
1988.....	38,627	27,390	7,163	4,074	217,214	150,526	44,996	21,692	537	530	493
1989, total.....	39,151	27,853	7,170	4,129	230,850	160,352	47,625	22,873	567	556	522
United States.....	38,223	27,297	6,961	3,965	227,287	158,367	46,680	22,240	570	559	526
New England.....	2,109	1,589	333	187	12,909	9,503	2,352	1,054	(NA)	(NA)	(NA)
Maine.....	212	153	36	23	1,167	816	232	119	526	507	498
New Hampshire.....	158	120	24	14	955	709	168	78	570	552	544
Vermont.....	86	62	15	9	502	354	101	47	553	544	525
Massachusetts.....	956	717	153	86	5,801	4,234	1,081	486	570	546	550
Rhode Island.....	179	136	26	17	1,080	802	182	96	566	525	541
Connecticut.....	518	401	79	38	3,404	2,588	588	228	622	562	582
Middle Atlantic.....	6,231	4,580	1,089	562	39,561	28,405	7,781	3,375	(NA)	(NA)	(NA)
New York.....	2,805	2,056	475	273	17,887	12,887	3,357	1,643	606	580	561
New Jersey.....	1,212	905	203	104	7,933	5,821	1,477	635	620	580	573
Pennsylvania.....	2,214	1,618	411	185	13,741	9,697	2,947	1,097	585	577	551
East North Central.....	6,713	4,755	1,260	698	41,776	28,735	8,969	4,072	(NA)	(NA)	(NA)
Ohio.....	1,781	1,233	355	193	10,854	7,236	2,510	1,108	581	581	549
Indiana.....	900	635	166	99	5,590	3,845	1,178	567	591	577	552
Illinois.....	1,736	1,252	323	162	10,987	7,736	2,300	951	604	579	563
Michigan.....	1,468	1,027	277	164	9,296	6,306	1,995	995	605	610	562
Wisconsin.....	828	610	139	80	5,049	3,612	986	451	582	562	546
West North Central.....	2,991	2,190	539	281	17,483	12,392	3,656	1,435	(NA)	(NA)	(NA)
Minnesota.....	660	496	114	50	3,839	2,777	779	283	552	544	522
Iowa.....	520	385	93	41	3,097	2,212	654	231	569	551	531
Missouri.....	903	640	166	98	5,240	3,606	1,096	538	554	545	515
North Dakota.....	111	81	22	9	615	427	143	45	534	524	492
South Dakota.....	127	92	24	11	684	479	151	54	524	501	491
Nebraska.....	265	198	47	20	1,555	1,121	325	109	562	537	532
Kansas.....	405	300	73	32	2,453	1,770	508	175	579	542	542
South Atlantic.....	6,977	4,956	1,250	771	39,986	27,770	7,965	4,251	(NA)	(NA)	(NA)
Delaware.....	102	74	18	10	634	450	124	60	590	567	546
Maryland.....	599	434	114	51	3,611	2,524	775	312	566	573	533
District of Columbia.....	78	55	15	7	403	279	86	38	486	499	449
Virginia.....	816	562	158	96	4,566	3,049	993	524	532	540	484
West Virginia.....	368	226	84	58	2,110	1,249	548	313	561	593	495
North Carolina.....	1,046	718	196	132	5,738	3,875	1,152	711	526	521	454
South Carolina.....	529	349	104	76	2,882	1,884	596	402	526	524	450
Georgia.....	863	557	178	127	4,688	2,976	1,051	661	524	526	460
Florida.....	2,576	1,980	383	213	15,354	11,484	2,640	1,230	566	566	538
East South Central.....	2,588	1,652	551	385	13,742	8,542	3,241	1,959	(NA)	(NA)	(NA)
Kentucky.....	636	398	137	102	3,404	2,052	827	525	518	551	465
Tennessee.....	809	537	163	109	4,402	2,851	985	566	526	524	464
Alabama.....	697	444	154	99	3,719	2,304	908	507	521	528	456
Mississippi.....	446	273	97	76	2,217	1,335	521	361	486	508	419
West South Central.....	3,773	2,533	816	424	20,899	13,614	5,088	2,197	(NA)	(NA)	(NA)
Arkansas.....	463	307	90	66	2,419	1,557	525	337	506	523	448
Louisiana.....	641	385	157	99	3,444	2,004	946	494	526	562	478
Oklahoma.....	524	370	104	50	2,946	2,011	664	271	541	536	496
Texas.....	2,145	1,471	465	209	12,090	8,042	2,953	1,095	549	546	504
Mountain.....	1,881	1,365	319	197	10,977	7,761	2,117	1,099	(NA)	(NA)	(NA)
Montana.....	135	96	24	16	777	532	160	85	554	568	526
Idaho.....	154	114	26	14	881	634	170	77	551	565	522
Wyoming.....	60	43	11	6	359	251	75	33	567	561	533
Colorado.....	408	291	72	45	2,372	1,628	490	254	554	552	524
New Mexico.....	212	144	41	27	1,144	764	247	133	536	546	486
Arizona.....	570	425	89	56	3,411	2,481	601	329	574	584	544
Utah.....	185	135	33	17	1,092	784	218	90	577	546	546
Nevada.....	156	117	23	16	941	687	156	98	568	576	543
Pacific.....	4,958	3,677	804	478	29,954	21,645	5,511	2,796	(NA)	(NA)	(NA)
Washington.....	698	523	110	66	4,300	3,131	779	390	588	573	555
Oregon.....	482	366	75	41	2,928	2,160	525	243	578	578	545
California.....	3,601	2,652	592	357	21,711	15,593	4,033	2,085	579	583	545
Alaska.....	32	21	7	4	185	118	44	23	570	559	501
Hawaii.....	145	115	20	10	830	643	130	57	559	541	499
Puerto Rico.....	558	310	107	141	2,002	1,034	434	534	360	453	324
Guam.....	5	3	1	(Z)	18	10	6	2	416	464	379
American Samoa.....	3	2	1	1	9	4	3	2	301	384	295
Virgin Islands.....	10	6	2	1	46	31	10	5	489	484	459
Abroad.....	353	234	97	22	1,487	906	492	89	416	500	408

NA Not available. Z Less than 500. <sup>1</sup> Includes special benefits; see footnote 9, table 593. <sup>2</sup> Includes lump-sum payments to survivors of deceased workers. <sup>3</sup> Excludes persons with special benefits. <sup>4</sup> Nondisabled only.  
Source: U.S. Social Security Administration, Quarterly in *Social Security Bulletin*.

**No. 595. Pension Plan Coverage of Workers, by Selected Characteristics: 1989**

[Covers workers as of March of following year who had earnings in year shown. Based on Current Population Survey; see text, section 1 and Appendix III]

SEX AND AGE	NUMBER WITH COVERAGE (1,000)				PERCENT OF TOTAL WORKERS			
	Total <sup>1</sup>	White	Black	Hispanic <sup>2</sup>	Total <sup>1</sup>	White	Black	Hispanic <sup>2</sup>
<b>Total</b> .....	<b>52,074</b>	<b>45,041</b>	<b>5,532</b>	<b>2,565</b>	<b>39.2</b>	<b>39.4</b>	<b>39.8</b>	<b>28.2</b>
Male .....	29,855	26,362	2,679	1,449	41.9	42.4	39.8	25.3
Under 65 years old .....	29,179	25,736	2,645	1,428	42.7	43.2	40.2	25.3
15 to 24 years old .....	1,553	1,340	183	121	12.1	12.1	13.3	9.0
25 to 44 years old .....	17,214	15,057	1,657	880	46.5	47.0	45.0	27.6
45 to 64 years old .....	10,412	9,339	806	427	56.1	56.7	52.9	38.2
65 years old and over .....	676	626	33	21	24.2	24.4	21.9	24.3
Female .....	22,219	18,679	2,854	1,116	36.1	35.7	39.9	27.6
Under 65 years old .....	21,744	18,251	2,813	1,106	36.5	36.2	40.3	27.8
15 to 24 years old .....	1,494	1,270	195	99	12.4	12.3	13.9	10.9
25 to 44 years old .....	13,336	11,094	1,823	717	41.6	41.2	46.1	32.0
45 to 64 years old .....	6,914	5,887	796	290	45.0	44.5	49.2	35.0
65 years old and over .....	475	428	41	10	23.4	23.8	21.6	17.9

<sup>1</sup> Includes other races, not shown separately. <sup>2</sup> Hispanic persons may be of any race.

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

**No. 596. Private Pension Plans—Summary, by Type of Plan: 1975 to 1988**

["Pension plan" is defined by the Employee Retirement Income Security Act (ERISA) as "any plan, fund, or program which was heretofore or is hereafter established or maintained by an employer or an employee organization, or by both, to the extent that such plan (a) provides retirement income to employees, or (b) results in a deferral of income by employees for periods extending to the termination of covered employment or beyond, regardless of the method of calculating the contributions made to the plan, the method of calculating the benefits under the plan, or the method of distributing benefits from the plan." A defined benefit plan provides a definite benefit formula for calculating benefit amounts - such as a flat amount per year of service or a percentage of salary or a percentage of salary times years of service. A defined contribution plan is a pension plan in which the contributions are made to an individual account for each employee. The retirement benefit is dependent upon the account balance at retirement. The balance depends upon amounts contributed, investment experience, and, in the case of profit sharing plans, amounts which may be allocated to the account due to forfeitures by terminating employees. Employee Stock Ownership Plans (ESOP) (see table 890) and 401(k) plans are included among defined contribution plans. Data are based on Form 5500 series reports filed with the Internal Revenue Service]

ITEM	Unit	TOTAL				DEFINED CONTRIBUTION PLAN				DEFINED BENEFIT PLAN			
		1975	1980	1985	1988, prel.	1975	1980	1985	1988, prel.	1975	1980	1985	1988, prel.
Number of plans .....	1,000 ..	340.2	589.9	805.4	(NA)	232.8	410.5	580.9	(NA)	107.4	179.4	224.5	(NA)
Total participants <sup>1 2</sup> .....	Million ..	44.5	57.9	74.7	77.4	11.5	19.9	35.0	37.4	33.0	38.0	39.7	40.0
Active participants <sup>1 3</sup> .....	Million ..	38.4	49.0	62.3	63.6	11.2	18.9	33.2	35.3	27.2	30.1	29.0	28.3
Contributions .....	Bil. dol. .	37.1	66.2	95.1	100.5	12.8	23.5	53.1	70.5	24.2	42.6	42.0	30.0
Benefits <sup>4</sup> .....	Bil. dol. .	19.1	35.3	92.6	124.5	6.2	13.1	40.1	61.0	12.9	22.1	52.4	63.5

NA Not available. <sup>1</sup> Includes double counting of workers in more than one plan. <sup>2</sup> Total participants include active participants, vested separated workers, and retirees. <sup>3</sup> Any workers currently in employment covered by a plan and who are earning or retaining credited service under a plan. Includes any nonvested former employees who have not yet incurred breaks in service. <sup>4</sup> Benefits paid directly from trust and premium payments made from plan to insurance carriers. Excludes benefits paid directly by insurance carriers.

Source: U.S. Dept. of Labor, Pension and Welfare Benefits Administration, *Trends in Pensions*, 1989.

**No. 597. Assets of Private and Public Pension Funds, by Type of Fund: 1970 to 1989**

[In billions of dollars. As of end of year. Except for corporate equities, represents book value. Excludes Social Security trust funds, see table 592]

TYPE OF PENSION FUND	1970	1980	1982	1983	1984	1985	1986	1987	1988	1989
<b>Total, all types</b> .....	<b>240.8</b>	<b>916.1</b>	<b>1,179.2</b>	<b>1,392.1</b>	<b>1,532.0</b>	<b>1,801.8</b>	<b>2,057.6</b>	<b>2,247.9</b>	<b>2,558.8</b>	<b>2,941.5</b>
Private funds .....	153.0	641.6	818.7	968.8	1,045.5	1,248.1	1,418.7	1,542.5	1,744.4	1,986.3
Insured .....	41.0	172.0	242.9	286.4	331.6	400.0	476.9	538.9	627.7	735.9
Noninsured <sup>1</sup> .....	112.0	469.6	575.8	682.5	713.9	848.1	941.8	1,003.5	1,116.7	1,250.4
Corporate equities <sup>2</sup> .....	67.9	230.6	286.2	320.8	317.5	412.3	482.8	489.5	575.6	719.3
U.S. Government securities .....	3.0	50.6	77.2	89.2	96.4	104.5	111.4	123.2	135.0	147.0
Corporate bonds .....	29.4	77.7	89.9	100.3	110.5	121.0	128.3	157.4	169.7	172.8
Time deposits .....	0.7	25.1	33.2	40.7	44.1	51.7	57.3	72.3	81.0	70.8
Public funds .....	87.8	274.5	360.5	423.2	486.5	553.5	639.9	705.5	814.2	955.2
State and local government .....	60.3	198.1	262.5	311.2	356.6	404.7	469.4	517.0	606.1	726.3
Corporate bonds <sup>3</sup> .....	35.1	94.5	107.3	106.6	118.1	129.0	139.8	141.7	160.6	197.3
Corporate equities <sup>2</sup> .....	10.1	44.3	60.2	89.6	96.5	120.1	150.2	169.6	219.7	285.0
U.S. Government securities .....	6.6	40.0	71.2	88.2	111.2	123.5	144.2	168.7	194.5	200.8
Other .....	8.6	19.2	23.9	26.8	30.7	32.1	35.3	37.0	41.3	43.2
U.S. Government .....	27.5	76.4	97.9	112.0	130.0	148.8	169.6	188.4	208.1	228.9
Civil service <sup>4</sup> .....	23.0	73.9	97.4	111.4	126.9	144.6	163.4	181.6	200.3	220.1
Railroad retirement .....	4.5	2.5	0.5	0.6	3.1	4.2	6.2	6.8	7.8	8.7

<sup>1</sup> Covers all pension funds of corporations, nonprofit organizations, unions, and multi-employer groups. Also includes deferred profit-sharing plans and Federal Employees Retirement System (FERS) Thrift Savings Fund. Excludes health, welfare, and bonus plans. Includes other types of assets not shown separately. <sup>2</sup> Includes mutual fund shares. <sup>3</sup> Includes foreign bonds. <sup>4</sup> Includes U.S. Foreign Service Retirement and Disability Trust Fund and the Federal Employees Retirement System.

Source: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts, Financial Assets and Liabilities Year-End, 1964-87*; *Annual Statistical Digest*, and unpublished data.

### No. 598. Individual Retirement Accounts (IRA) Plans—Value, by Type of Holder: 1981 to 1989

[As of December 31. Estimated]

TYPE OF HOLDER	AMOUNT (bil. dol.)									PERCENT DISTRIBUTION		
	1981	1982	1983	1984	1985	1986	1987	1988	1989	1981	1985	1989
<b>Total</b> . . . . .	<b>26.1</b>	<b>52.4</b>	<b>91.3</b>	<b>132.1</b>	<b>199.7</b>	<b>277.1</b>	<b>333.8</b>	<b>393.0</b>	<b>465.4</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Savings institutions . . . . .	14.2	20.2	31.7	43.4	56.4	69.0	77.1	90.0	97.5	54.4	28.2	21.0
Commercial banks . . . . .	5.8	13.6	26.5	37.2	51.5	67.0	77.0	88.0	98.9	22.2	25.8	21.3
Mutual funds . . . . .	2.6	5.7	10.7	16.5	31.6	53.7	72.2	86.0	111.8	9.9	15.8	24.0
Self directed . . . . .	(NA)	5.5	8.4	14.6	29.4	44.9	58.9	68.0	82.0	(NA)	14.7	17.6
Life insurance companies . . . . .	3.3	5.8	9.0	12.6	16.9	22.0	26.0	36.0	49.0	12.6	8.5	10.5
Credit unions . . . . .	0.2	1.6	5.0	7.8	13.9	20.5	22.6	25.0	26.2	0.8	7.0	5.6

NA Not available.

Source: Investment Company Institute, Washington, DC, *Mutual Fund Fact Book*, annual. (Copyright.)

### No. 599. Public Employee Retirement Systems—Beneficiaries and Benefits: 1970 to 1988

[Number of beneficiaries as of end of year]

YEAR	Unit	Total	LEVEL OF GOVERNMENT			TYPE OF BENEFIT				
			Federal			State and local	Age and service	Disability	Survivor	
			Total <sup>1</sup>	Civil service	Armed Forces				Monthly	Lump-sum
<b>Beneficiaries:</b>										
1970 . . . . .	1,000 . .	3,050	1,759	958	773	1,291	2,204	419	427	(X)
1980 . . . . .	1,000 . .	5,659	3,052	1,675	1,330	2,607	4,200	708	751	(X)
1985 . . . . .	1,000 . .	6,890	3,512	1,971	1,487	3,378	5,271	745	874	(X)
1986 . . . . .	1,000 . .	7,120	3,582	2,008	1,517	3,538	5,557	682	878	(X)
1987 . . . . .	1,000 . .	7,323	3,625	2,032	1,535	3,698	5,768	658	897	(X)
<b>Benefits:</b>										
1970 . . . . .	Mil. dol.	9,355	6,075	2,820	3,133	3,280	7,210	1,312	645	189
1980 . . . . .	Mil. dol.	41,060	28,042	15,065	12,478	13,018	32,416	5,371	2,896	377
1985 . . . . .	Mil. dol.	63,413	40,912	22,840	17,416	22,501	50,562	7,623	4,684	544
1986 . . . . .	Mil. dol.	67,438	42,218	23,707	17,713	25,220	53,866	7,747	4,986	840
1987 . . . . .	Mil. dol.	71,412	44,026	25,163	18,061	27,386	58,178	7,812	5,366	256
1988 . . . . .	Mil. dol.	75,400	45,689	25,813	18,991	29,711	(NA)	(NA)	(NA)	(NA)
<b>Average annual benefit per annuitant, current dollars:</b>										
1970 . . . . .	Dollars .	3,005	3,440	(NA)	(NA)	2,413	3,271	3,136	1,512	(X)
1980 . . . . .	Dollars .	7,190	9,181	(NA)	(NA)	4,859	7,719	7,588	3,855	(X)
1985 . . . . .	Dollars .	9,137	11,659	(NA)	(NA)	6,512	9,592	10,232	5,556	(X)
1987 . . . . .	Dollars .	9,744	12,129	(NA)	(NA)	7,406	10,086	11,880	5,980	(X)
<b>Average annual benefit per annuitant, constant (1987) dollars:</b>										
1970 . . . . .	Dollars .	8,721	9,983	(NA)	(NA)	7,003	9,493	9,086	4,382	(X)
1980 . . . . .	Dollars .	10,335	13,199	(NA)	(NA)	6,520	11,096	10,906	5,544	(X)
1985 . . . . .	Dollars .	9,808	12,516	(NA)	(NA)	6,990	10,297	10,984	5,964	(X)
1987 . . . . .	Dollars .	9,744	12,129	(NA)	(NA)	7,406	10,086	11,880	5,980	(X)

NA Not available. X Not applicable. <sup>1</sup> Includes other Federal agencies, not shown separately. <sup>2</sup> Lump-sum payments for State and local government are not available. <sup>3</sup> Constant dollar figures are based on implicit price deflators for personal consumption expenditures supplied by U.S. Bureau of Economic Analysis.

Source: U.S. Social Security Administration, *Social Security Bulletin*, June 1990 and unpublished data.

### No. 600. Federal Civil Service Retirement: 1970 to 1989

[As of end of fiscal year or for fiscal year ending in year shown; see text, section 9. See also *Historical Statistics, Colonial Times to 1970*, series H 262-270]

ITEM	Unit	1970	1980	1983	1984	1985	1986	1987	1988	1989
Employees covered <sup>1</sup> . . . . .	1,000 . .	2,650	2,720	2,660	2,660	2,750	2,800	2,810	2,800	2,880
Annuitants, total . . . . .	1,000 . .	958	1,675	1,870	1,910	1,955	2,008	2,032	2,089	2,113
Age and service . . . . .	1,000 . .	477	905	1,045	1,082	1,122	1,166	1,166	1,237	1,260
Disability . . . . .	1,000 . .	185	343	343	338	332	326	318	311	303
Survivors . . . . .	1,000 . .	296	427	482	490	501	516	528	541	550
Receipts, total <sup>2</sup> . . . . .	Mil. dol.	4,683	24,389	34,772	36,734	40,790	43,216	43,640	46,696	49,302
Employee contributions . . . . .	Mil. dol.	1,740	3,686	4,399	4,808	4,679	4,714	4,841	4,544	4,490
Federal government contributions . . . . .	Mil. dol.	1,952	15,562	20,615	20,848	22,301	22,980	23,144	24,258	25,367
Disbursements, total <sup>3</sup> . . . . .	Mil. dol.	2,752	14,977	20,889	21,951	23,203	24,694	25,772	26,306	29,712
Age and service annuitants . . . . .	Mil. dol.	2,129	12,639	17,602	18,403	19,414	20,702	21,678	23,889	25,095
Survivors . . . . .	Mil. dol.	389	1,912	2,783	2,943	3,158	3,304	3,485	3,749	4,033
<b>Average monthly benefit:</b>										
Age and service . . . . .	Dollars .	362	992	1,150	1,149	1,189	1,197	1,267	1,263	1,312
Disability . . . . .	Dollars .	221	723	851	851	881	881	893	930	967
Survivors . . . . .	Dollars .	116	382	486	501	528	536	552	583	615
Cash and security holdings . . . . .	Bil. dol.	22.4	73.7	110.0	124.7	142.3	160.8	178.7	197.1	216.7

<sup>1</sup> Excludes employees in Leave Without Pay status. <sup>2</sup> Includes interest on investments. <sup>3</sup> Includes refunds, death claims, and administration. <sup>4</sup> Includes disability annuitants.

Source: U.S. Office of Personnel Management, *Compensation Report*, annual.

**No. 601. State and Local Government Retirement Systems—Beneficiaries and Finances: 1970 to 1988**

[In millions of dollars, except as indicated. For fiscal years closed during the 12 months ending June 30]

YEAR AND LEVEL OF GOVERNMENT	Number of beneficiaries (1,000)	RECEIPTS					BENEFITS AND WITHDRAWALS			Cash and security holdings
		Total	Employee contributions	Government contributions		Earnings on investments	Total	Benefits	Withdrawals	
				State	Local					
1970: All systems	(NA)	9,848	2,788	2,046	2,554	2,460	3,638	3,037	801	54,918
State-administered	(NA)	7,184	2,149	1,978	1,237	1,821	2,382	1,913	469	39,966
Locally administered	(NA)	2,664	639	67	1,318	639	1,256	1,124	132	14,952
1980: All systems	(NA)	37,313	6,466	7,581	9,951	13,315	14,008	12,207	1,801	185,226
State-administered	(NA)	28,603	5,285	7,399	5,611	10,308	10,257	8,809	1,448	144,682
Locally administered	(NA)	8,710	1,180	181	4,340	3,008	3,752	3,399	353	40,544
1985: All systems	3,378	71,731	9,479	12,227	15,172	34,852	24,413	21,999	2,414	374,433
State-administered	2,661	56,313	7,913	11,976	8,944	27,480	18,230	16,183	2,047	296,951
Locally administered	716	15,418	1,567	251	6,228	7,372	6,183	5,816	367	77,481
1988: All systems	3,709	97,580	11,882	13,108	17,534	55,056	32,138	29,724	2,414	557,821
State-administered	2,934	76,444	9,942	12,798	10,596	43,108	24,210	22,445	1,765	437,874
Locally administered	775	21,136	1,941	310	6,938	11,948	7,930	7,280	650	119,747

NA Not available.

Source: U.S. Bureau of the Census, *Finances of Employee-Retirement Systems of State and Local Governments*, series GF, No. 2, annual and *Census of Governments*, 1987, Vol. 4, No. 6, *Employee Retirement Systems of State and Local Governments*.**No. 602. State Unemployment Insurance—Summary: 1970 to 1989**

[See headnote, table 603]

ITEM	Unit	1970	1980	1982	1983	1984	1985	1986	1987	1988	1989
Insured unemployment, avg. weekly	1,000	1,805	3,350	4,061	3,396	2,478	2,611	2,641	2,330	2,081	2,157
Percent of covered employment	Percent	3.4	3.9	4.6	3.9	2.8	2.9	2.8	2.3	2.0	2.1
Percent of civilian unemployed	Percent	44.1	43.9	38.0	31.7	29.0	31.4	32.1	31.4	31.0	33.0
Unemployment benefits, avg. weekly	Dollars	50	99	119	124	123	127	135	140	145	152
Percent of weekly wage	Percent	35.6	37.5	37.2	37.6	35.8	35.3	35.8	35.3	34.9	35.4
Weeks compensated	Million	78.9	149.0	185.3	155.5	111.6	119.3	121.4	105.2	94.2	98.2
Beneficiaries, first payments	1,000	6,402	10,001	11,648	8,907	7,765	8,350	8,361	7,205	6,861	7,367
Average duration of benefits <sup>2</sup>	Weeks	12.3	14.9	15.9	17.5	14.4	14.3	14.5	14.6	13.7	13.3
Claimants exhausting benefits	1,000	1,295	3,072	4,175	4,180	2,600	2,575	2,688	2,409	1,979	1,940
Percent of first payment <sup>3</sup>	Percent	24.4	33.2	38.5	38.4	34.1	31.3	32.1	30.6	28.5	28.1
Contributions collected <sup>4</sup>	Bil. dol.	2.5	11.4	12.2	14.6	18.8	19.3	18.1	17.6	17.7	16.1
Benefits paid	Bil. dol.	3.8	13.8	20.7	17.8	12.6	14.0	15.4	14.2	13.2	14.3
Funds available for benefits <sup>5</sup>	Bil. dol.	11.9	11.4	7.5	7.3	11.6	16.0	19.6	23.2	31.1	36.9
Average employer contribution rate <sup>6</sup>	Percent	1.3	2.5	2.5	2.8	3.2	3.1	2.7	2.6	2.5	2.2

<sup>1</sup> Insured unemployment as percent of average covered employment in preceding year. <sup>2</sup> Weeks compensated divided by first payment. <sup>3</sup> Based on first payments for 12-month period ending June 30. <sup>4</sup> Contributions from employers; also employees in States which tax workers. <sup>5</sup> End of year. Sum of balances in State clearing accounts, benefit-payment accounts, and State accounts in Federal unemployment trust funds. <sup>6</sup> As percent of taxable wages.

**No. 603. State Unemployment Insurance, by State and Other Areas: 1989**[Includes unemployment compensation for State and local government employees where covered by State law. For State data on insured unemployment, see table 665. See also *Historical Statistics, Colonial Times to 1970*, series H 305-317]

STATE	Beneficiaries, first payments (1,000)	Benefits paid (mil.dol.)	Avg. weekly unemployment benefits (dol.)	STATE	Beneficiaries, first payments (1,000)	Benefits paid (mil.dol.)	Avg. weekly unemployment benefits (dol.)	STATE	Beneficiaries, first payments (1,000)	Benefits paid (mil.dol.)	Avg. weekly unemployment benefits (dol.)
<b>Total</b>	<b>7,367</b>	<b>14,299</b>	<b>152</b>	KY	112	159	128	OH	305	478	130
AL	152	153	108	LA	99	165	105	OK	50	95	145
AK	33	73	157	ME	44	68	149	OR	108	207	155
AZ	74	125	117	MD	89	199	167	PA	406	994	182
AR	83	126	131	MA	261	819	212	RI	48	110	182
CA	1,024	1,705	121	MI	393	939	190	SC	97	104	121
CO	74	148	161	MIN	123	323	185	SD	8	11	119
CT	119	271	191	MS	72	93	109	TN	164	187	109
DE	22	34	163	MO	161	244	127	TX	340	752	160
DC	19	72	200	MT	27	35	132	UT	31	59	160
FL	187	340	145	NE	22	36	120	VT	19	30	141
GA	210	254	136	NV	36	65	153	WA	131	136	141
HI	19	39	177	NH	32	26	125	WV	168	372	156
ID	37	55	139	NJ	268	757	192	WY	53	96	142
IL	303	768	160	NM	28	57	125	WI	172	318	156
IN	116	121	105	NY	544	1,402	166	WY	10	24	160
IA	73	130	156	NC	211	223	146	PR	108	111	76
KS	69	153	167	ND	15	27	134	VI	1	3	124

Source of tables 602 and 603: U.S. Employment and Training Administration, *Unemployment Insurance Data Summary*, annual.

## No. 604. Workers' Compensation Payments: 1970 to 1988

[In millions of dollars, except as indicated. See headnote, table 605. See also *Historical Statistics, Colonial Times to 1970*, series H 332-345]

ITEM	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987	1988
Workers covered <sup>1</sup> (mil.)	59	67	79	78	77	78	82	84	86	91	94
Premium amounts paid	4,894	8,872	22,256	23,014	22,764	23,030	25,122	29,190	33,963	38,095	42,905
Private carriers	3,578	6,344	15,744	16,164	15,398	15,384	16,632	19,500	22,771	25,448	28,538
State funds	699	1,278	3,008	2,900	2,640	2,695	2,975	3,518	4,506	5,319	6,183
Federal programs <sup>2</sup>	152	435	1,142	1,174	1,509	1,458	1,569	1,721	1,771	1,788	1,911
Self-insurers	465	916	2,363	2,776	3,217	3,493	3,946	4,451	4,915	5,541	6,273
Annual benefits paid	3,031	6,598	13,618	15,054	16,407	17,575	19,685	22,224	24,647	27,390	30,789
By private carriers <sup>3</sup>	1,843	3,422	7,029	7,876	8,647	9,265	10,610	12,341	13,827	15,453	17,512
From State funds <sup>4</sup>	755	2,324	4,330	4,595	4,768	5,061	5,376	5,743	6,248	6,782	7,442
Employers' self-insurance <sup>5</sup>	432	852	2,259	2,583	2,993	3,249	3,700	4,140	4,572	5,154	5,836
Type of benefit:											
Medical/hospitalization	1,050	2,030	3,947	4,431	5,058	5,681	6,424	7,501	8,654	9,940	11,540
Compensation payments	1,981	4,568	9,671	10,623	11,349	11,894	13,261	14,723	15,993	17,450	19,249
Disability	1,751	3,843	8,359	9,224	9,862	10,385	11,666	13,064	14,348	15,817	17,646
Survivor	230	725	1,312	1,399	1,488	1,509	1,595	1,659	1,645	1,633	1,603
Percent of covered payroll:											
Workers' compensation costs <sup>6 7</sup>	1.11	1.32	1.96	1.85	1.75	1.67	1.64	1.80	1.97	2.06	2.15
Benefits	0.66	0.83	1.07	1.08	1.16	1.17	1.21	1.30	1.37	1.43	1.49

<sup>1</sup> Estimated per month. <sup>2</sup> Includes Federal employer compensation program and that portion of Federal black lung benefits program financed from employer contributions. <sup>3</sup> Net cash and medical benefits paid under standard workers' compensation policies. <sup>4</sup> Net cash and medical benefits paid by competitive and exclusive State funds and by Federal workers' compensation programs, including black lung benefit program. <sup>5</sup> Cash and medical benefits paid by self-insurers, plus value of medical benefits paid by employers carrying workers' compensation policies that exclude standard medical coverage. <sup>6</sup> Premiums written by private carriers and State funds, and benefits paid by self-insurers increased by 5-10 percent to allow for administrative costs. Also includes benefits paid and administrative costs of Federal system for government employees. <sup>7</sup> Excludes programs financed from general revenue-black lung benefits and supplemental pensions in some States.

Source: U.S. Social Security Administration, *Annual Statistical Supplement to the Social Security Bulletin*.

## No. 605. Workers' Compensation Payments, by State: 1980 to 1988

[In millions of dollars. Calendar-year data, except fiscal-year data for Federal civilian and other programs and for a few States with State funds. Payments represent cash and medical benefits and include insurance losses paid by private insurance carriers (compiled from the *Spectator (Insurance by States . . . of Casualty Lines)*, from reports of State insurance commissions, and from A. M. Best Co.); net disbursements of State funds (from the *Spectator*, from *Argus Casualty and Surety Chart*, and from State reports), estimated for some states; and self-insurance payments, estimated from available State data. Includes benefit payments under Longshoremen's and Harbor Workers' Compensation Act and Defense Bases Compensation Act for States in which such payments are made]

STATE	1980	1985	1986	1987	1988	STATE	1980	1985	1986	1987	1988
Total	13,618	22,224	24,647	27,390	30,789	Nebraska	42	68	76	88	101
Alabama	112	203	244	274	311	Nevada	69	123	149	180	237
Alaska	60	109	129	139	120	New Hampshire	48	91	110	128	143
Arizona	120	198	210	222	301	New Jersey	316	501	547	627	682
Arkansas	83	129	143	160	177	New Mexico	54	140	148	146	168
California	1,628	3,243	3,745	4,251	4,810	New York	637	985	1,103	1,207	1,345
Colorado	114	284	355	402	474	North Carolina	131	236	245	272	334
Connecticut	147	305	347	434	496	North Dakota	17	33	38	44	44
Delaware	21	41	46	51	57	Ohio	776	1,387	1,457	1,562	1,716
District of Columbia	69	74	76	87	81	Oklahoma	127	289	294	289	302
Florida	362	815	979	1,178	1,422	Oregon	275	396	452	510	556
Georgia	185	360	427	510	581	Pennsylvania	572	998	1,101	1,272	1,499
Hawaii	60	133	135	137	151	Rhode Island	55	97	113	143	168
Idaho	37	66	67	70	85	South Carolina	79	152	162	186	208
Illinois	699	912	993	1,068	1,277	South Dakota	13	26	28	36	40
Indiana	110	152	171	202	245	Tennessee	129	204	234	289	341
Iowa	99	121	131	141	169	Texas	701	1,564	1,835	2,074	2,462
Kansas	84	142	157	175	197	Utah	39	80	92	126	116
Kentucky	161	225	245	274	293	Vermont	15	30	35	41	44
Louisiana	301	466	485	544	565	Virginia	182	276	313	354	409
Maine	81	194	245	277	314	Washington	324	619	629	678	705
Maryland	187	306	328	374	397	West Virginia	176	285	322	355	363
Massachusetts	296	510	638	734	859	Wisconsin	170	287	327	369	422
Michigan	626	769	793	885	1,010	Wyoming	22	47	50	45	46
Minnesota	260	453	478	490	502	Federal programs:					
Mississippi	60	98	122	137	155	Civilian employees	776	1,055	1,116	1,146	1,253
Missouri	124	237	270	320	379	Black lung					
Montana	41	102	123	138	150	benefits <sup>1</sup>	1,739	1,803	1,582	1,545	1,499
						Other <sup>2</sup>	8	7	9	8	8

<sup>1</sup> Includes payments by Social Security Administration and by Department of Labor. <sup>2</sup> Primarily payments made to dependents of reservists who died while on active duty in the Armed Forces.

Source: U.S. Social Security Administration, *Social Security Bulletin*, July 1988, April 1990, and March 1991.

**No. 606. Black Lung Benefit Program—Beneficiaries and Payments: 1975 to 1989**

[In thousands, except as indicated. Benefits payable to miners disabled because of pneumoconiosis and to their dependents and survivors as a result of Federal Coal Mine Health and Safety Act of 1969 and subsequent amendments and revisions. Claims by miners or their survivors are handled by the Social Security Administration (SSA) or the Department of Labor, depending upon the date the claim was filed. Claims filed by a miner by June 30, 1973, and those filed by survivors by December 31, 1973 were processed by SSA. Benefits under the program as administered by SSA are paid out of Federal general tax revenues. Claims filed by a miner between July 1 and December 31, 1973 and all claims filed after December 1973 were processed by Department of Labor and are paid by either a responsible mine operator or the Department of Labor]

TYPE OF BENEFICIARY	SOCIAL SECURITY ADMINISTRATION						DEPARTMENT OF LABOR					
	1975	1980	1985	1987	1988	1989	1975	1980	1985	1987	1988	1989
Beneficiaries, total <sup>1</sup>	482	399	295	259	242	226	(NA)	139	160	153	149	144
Miners	165	120	78	64	57	51	(NA)	53	61	57	54	52
Widows	139	147	138	132	127	123	(NA)	27	38	41	42	43
Dependents <sup>2</sup>	177	133	79	64	57	51	(NA)	59	61	55	52	49
Payments (mil. dol.)	950	1,030	1,025	940	905	885	10	707	574	605	595	591

NA Not available. <sup>1</sup> As of end of year. <sup>2</sup> Dependent wife or child or surviving child, parent, brother, or sister.

Source: U.S. Social Security Administration, *Social Security Bulletin*, monthly; and U.S. Department of Labor, Employment Standards Administration, *Black Lung Benefits Act, Annual Report*.

**No. 607. Persons With Work Disability, by Selected Characteristics: 1989**

[In thousands, except percent. As of March. Covers civilian noninstitutional population and members of Armed Forces living off post or with their families on post. Persons are classified as having a work disability if they (1) have a health problem or disability which prevents them from working or which limits the kind or amount of work they can do; (2) have a service-connected disability or ever retired or left a job for health reasons; (3) did not work in survey reference week or previous year because of long-term illness or disability; or (4) are under age 65, and are covered by Medicare or receive Supplemental Security Income. Based on Current Population Survey; see text, section 1 and Appendix III]

AGE AND PARTICIPATION STATUS IN ASSISTANCE PROGRAMS	Total <sup>1</sup>	Male	Female	White	Black	Hispanic <sup>2</sup>
<b>Persons with work disability</b>	<b>13,838</b>	<b>7,082</b>	<b>6,756</b>	<b>11,020</b>	<b>2,461</b>	<b>987</b>
16-24 years old	1,147	583	564	871	244	104
25-34 years old	2,325	1,280	1,045	1,847	410	159
35-44 years old	2,861	1,542	1,319	2,320	444	223
45-54 years old	2,757	1,375	1,382	2,162	530	203
55-64 years old	4,748	2,302	2,446	3,821	834	297
<b>Percent work disabled of total population</b>	<b>8.8</b>	<b>9.2</b>	<b>8.4</b>	<b>8.2</b>	<b>13.2</b>	<b>7.8</b>
16-24 years old	3.5	3.6	3.4	3.3	5.2	3.2
25-34 years old	5.4	6.0	4.8	5.1	7.6	4.0
35-44 years old	8.0	8.7	7.3	7.6	11.4	8.4
45-54 years old	11.2	11.5	10.9	10.2	20.6	12.3
55-64 years old	22.2	22.8	21.6	20.3	39.6	25.8
<b>Percent of work disabled—</b>						
Receiving Social Security income	28.9	29.8	27.9	29.2	28.7	25.7
Receiving food stamps	18.3	14.4	22.4	13.4	39.7	23.4
Covered by Medicaid	24.9	19.7	30.4	20.7	42.6	35.3
Residing in public housing	4.0	2.5	5.7	2.5	10.5	7.1
Residing in subsidized housing	3.4	2.6	4.2	2.5	6.6	4.5

<sup>1</sup> Includes other races not shown separately. <sup>2</sup> Hispanic persons may be of any race.

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

**No. 608. Vocational Rehabilitation—Summary: 1970 to 1989**

[For fiscal years ending in year shown; see text, section 9. Includes Puerto Rico, Guam, Virgin Islands, American Samoa, Northern Mariana Islands and Trust Territory of the Pacific Islands. Vocational rehabilitation of the disabled defined as restoration, preservation, or development of the ability to function in productive activity. Rehabilitation services provided by State vocational rehabilitation agencies with matching State and Federal funds include medical restoration, training, counseling, guidance, and placement services. See also *Historical Statistics, Colonial Times to 1970*, series H 392-397]

ITEM	Unit	1970	1980	1983	1984	1985	1986	1987	1988	1989
Federal and State expenditures <sup>1</sup>	Mil. dol.	558	2,076	1,254	1,366	1,452	1,506	1,649	1,776	1,867
Federal expenditures	Mil. dol.	432	2,817	937	1,038	1,100	1,144	1,275	1,373	1,446
Applicants processed for program eligibility	1,000	606	717	602	594	594	594	594	606	624
Percent accepted into program	Percent	68	58	58	59	60	58	58	58	58
Total persons rehabilitated <sup>2</sup>	1,000	277	277	216	225	227	223	219	218	220
Rehabilitation rate <sup>3</sup>	Percent	77	64	62	63	64	63	63	63	63
Severely disabled persons rehabilitated <sup>3, 5</sup>	1,000	142	124	132	135	135	136	141	146	145
Rehabilitation rate <sup>4</sup>	Percent	61	59	61	62	62	62	62	62	62
Percent of total persons rehabilitated	Percent	51	57	58	59	61	62	65	67	67
Persons served total <sup>5</sup>	1,000	876	1,095	939	936	932	924	917	919	929
Persons served, severely disabled <sup>5, 6</sup>	1,000	606	562	565	581	580	584	602	625	625
Percent of total persons served	Percent	(NA)	55	60	62	63	64	66	67	67

NA Not available. <sup>1</sup> Includes expenditures only under the basic support provisions of the Rehabilitation Act. <sup>2</sup> Estimates based on amounts appropriated. <sup>3</sup> Persons successfully placed into gainful employment. <sup>4</sup> Persons rehabilitated as a percent of all active case closures (whether rehabilitated or not). <sup>5</sup> Severely disabled individuals fall into any of the following three categories: (a) clients with specified major disabling conditions such as blindness and deafness; (b) clients who at any time in the vocational rehabilitation process had been Social Security disability beneficiaries or recipients of Supplemental Security Income; and (c) other individuals with substantial loss in conducting certain specified activities. <sup>6</sup> Includes active cases accepted for rehabilitation services during year plus active cases on hand at beginning of year.

Source: U.S. Dept. of Education, Rehabilitation Services Administration, *Caseload Statistics of State Vocational Rehabilitation Agencies in Fiscal Years*, and *State Vocational Rehabilitation Agency Program Data in Fiscal Years*, both annual.

**No. 609. Protection Against Short-Term Sickness Income Loss: 1970 to 1988**

[In millions of dollars, except percent. "Short-term sickness" refers to short-term or temporary nonwork-connected disability (lasting not more than 6 months) and the first 6 months of long-term disability. See also *Historical Statistics, Colonial Times to 1970*, series H 115-124]

ITEM	1970	1980	1982	1983	1984	1985	1986	1987	1988
Short-term sickness: Income loss	16,757	38,529	45,201	48,565	54,419	59,145	62,982	67,868	73,171
<b>Total protection provided</b> <sup>1</sup>	<b>5,888</b>	<b>14,426</b>	<b>16,251</b>	<b>16,395</b>	<b>17,904</b>	<b>19,623</b>	<b>20,278</b>	<b>22,347</b>	<b>23,736</b>
Protection as percent of loss	35.1	37.4	36.0	33.8	32.9	33.2	32.2	32.9	32.4
Benefits provided by protection:									
Individual insurance	694	1,280	1,595	1,152	1,410	1,796	1,774	2,062	2,057
Group benefits to workers in private employment	2,952	7,633	8,498	8,614	9,115	9,897	10,011	11,252	11,982
Private cash insurance <sup>2</sup>	1,476	3,271	2,931	2,708	2,507	2,601	2,268	2,673	2,901
Publicly operated cash sickness funds <sup>3</sup>	411	770	987	1,008	968	1,179	1,255	1,696	1,779
Sick leave	1,066	3,593	4,581	4,899	5,640	6,116	6,488	6,883	7,302
Sick leave for government employees	2,242	5,338	6,026	6,490	7,218	7,736	8,299	8,826	9,478

<sup>1</sup> Provided by individual insurance, group benefits to workers in private employment, and sick leave for government employees. Beginning 1980 includes benefits for the sixth month of disability payable under old-age, survivors, disability, and health insurance program, not shown separately. <sup>2</sup> Group accident and sickness insurance and self-insurance privately written either on a voluntary basis or in compliance with State temporary disability insurance laws in CA, HI, NJ, and NY. Includes a small but undetermined amount of group disability insurance benefits paid to government workers and to self-employed persons through farm, trade, or professional associations. <sup>3</sup> Includes State-operated plans in RI, CA, and NJ; State Insurance Fund and special fund for disabled unemployed in New York; and provisions of Railroad Unemployment Insurance Act.

Source: U.S. Social Security Administration, *Social Security Bulletin*, May 1986 and unpublished data.

**No. 610. Federal Food Programs: 1970 to 1989**

[For fiscal years ending in year shown; see text, section 9. Program data include Puerto Rico, Virgin Islands, Guam, American Samoa, and the Trust Territory when a Federal food program was operated in these areas. All participation data are average monthly figures except as noted. Participants are not reported for the special milk program, the nutrition program for the elderly, and the commodity distribution programs. Cost data are direct Federal benefits to recipients; they exclude Federal administrative payments and applicable State and local contributions. Federal costs for commodities and cash-in-lieu of commodities are shown separately from direct cash benefits for those programs receiving both]

PROGRAM	Unit	1970	1980	1982	1983	1984	1985	1986	1987	1988	1989
<b>Food Stamp:</b>											
Participants	Million	4.3	21.1	21.7	21.6	20.9	19.9	19.4	19.1	18.6	18.8
Federal cost	Mil. dol.	550	8,721	10,208	11,152	10,696	10,744	10,605	10,500	11,149	11,682
<b>Nutrition assistance program for Puerto Rico:</b> <sup>1</sup>											
Federal cost	Mil. dol.	(X)	(X)	206	825	825	825	820	853	879	908
<b>National school lunch program (NSLP):</b> <sup>2</sup>											
Free lunches served	Million	739	1,671	1,622	1,714	1,702	1,657	1,678	1,656	1,651	1,627
Reduced-price lunches served	Million	(NA)	308	262	253	248	255	257	259	262	263
Children participating	Million	22.4	26.6	22.9	23.0	23.4	23.6	23.7	23.9	24.2	24.2
Federal cost	Mil. dol.	300	2,279	2,185	2,402	2,508	2,578	2,714	2,797	2,908	3,006
<b>School breakfast (SB):</b> <sup>3</sup>											
Children participating	Million	0.5	3.6	3.3	3.4	3.4	3.4	3.5	3.6	3.7	3.8
Federal cost	Mil. dol.	11	288	317	344	364	379	406	447	474	512
<b>Special school milk:</b>											
Quantity reimbursed	Mil. 1/2 pt	2,902	1,795	202	189	174	167	162	163	194	190
Federal cost	Mil. dol.	101	145	18	17	16	16	15	15	19	19
<b>Women-infant-children:</b> <sup>4</sup>											
Participants	Million	(X)	2.0	2.3	2.7	3.2	3.3	3.5	3.6	3.8	4.4
Federal cost	Mil. dol.	(X)	603	785	937	1,156	1,235	1,304	1,379	1,486	1,553
<b>Child and adult care (CC):</b> <sup>5</sup>											
Participants	Million	0.1	0.7	0.8	0.9	1.0	1.0	1.1	1.2	1.3	1.4
Federal cost	Mil. dol.	6	207	290	305	348	390	427	476	535	612
<b>Summer feeding (SF):</b> <sup>6</sup>											
Children participating	Million	0.2	1.9	1.4	1.4	1.4	1.5	1.5	1.6	1.6	1.7
Federal cost	Mil. dol.	2	106	81	95	94	101	106	114	113	132
<b>Needy family commodity:</b>											
Participants	Million	3.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Federal cost	Mil. dol.	282	24	33	35	40	47	49	49	47	52
<b>Nutrition program for the elderly:</b>											
Meals served	Million	(X)	166	189	201	213	225	228	232	240	244
Federal cost	Mil. dol.	(X)	75	101	120	127	134	137	139	146	145
<b>Federal cost of commodities donated to:</b> <sup>9</sup>											
Child nutrition (NSLP, CC, SF and SB)	Mil. dol.	265	930	795	799	853	840	869	919	853	795
Charitable institutions, summer camps	Mil. dol.	23	71	111	151	190	170	240	158	158	136
Emergency feeding <sup>10</sup>	Mil. dol.	(X)	(X)	180	1,002	1,032	973	846	846	593	265

NA Not available. X Not applicable. <sup>1</sup> Puerto Rico was included in the food stamp program until June 30, 1982. <sup>2</sup> See headnote, table 611. <sup>3</sup> Nine month (September through May) average daily meals (lunches or breakfasts) served divided by the ratio of average daily attendance to enrollment. <sup>4</sup> Covers special supplemental food program (WIC) and commodity supplemental food program; excludes elderly persons served by the commodity supplemental food program. <sup>5</sup> Program provides year-round subsidies to feed preschool children in child care centers and family day care homes. Certain care centers serving disabled or elderly adults also receive meal subsidies. <sup>6</sup> Annual average daily attendance at participating institutions. <sup>7</sup> Program provides free meals to children in poor areas during summer months. <sup>8</sup> Peak month (July) average daily attendance at participating institutions. <sup>9</sup> Includes the Federal cost of commodity entitlements, cash-in-lieu of commodities, and bonus foods. <sup>10</sup> Provides free commodities to needy persons for home consumption through food banks, hunger centers, soup kitchens, and similar non-profit agencies.

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

### No. 611. Federal Food Stamp and National School Lunch Programs, by State: 1980 to 1989

[Cost data for years ending Sept. 30. Food stamp participants, as of Sept. 30; food stamp households, average monthly number participating in year ending Sept. 30. Data on pupils participating in National School Lunch Program are for month in which most pupils participated nationwide. For National School Lunch Program, covers public and private elementary and secondary schools and residential child care institutions. National School Lunch Program costs include Federal cash reimbursements at rates set by law for each meal served but do not include the value of USDA donated commodities utilized in this program]

REGION, DIVISION, AND STATE	FOOD STAMP PROGRAM									NATIONAL SCHOOL LUNCH PROGRAM					
	Households participating, 1989		Persons (1,000)			Cost (mil. dol.)				Persons (1,000)			Cost (mil. dol.)		
	Num- ber (1,000)	Per- cent of all house- holds	1980	1985	1989	1980	1985	1989		1980	1985	1989	1980	1985	1989
<b>Total</b> <sup>1</sup>	<b>7,217</b>	<b>(NA)</b>	<b>22,028</b>	<b>19,198</b>	<b>18,957</b>	<b>8,721</b>	<b>10,744</b>	<b>11,682</b>		<b>27,011</b>	<b>24,051</b>	<b>24,773</b>	<b>2,279</b>	<b>2,578</b>	<b>3,006</b>
<b>U.S.</b>	<b>7,209</b>	<b>7.8</b>	<b>20,115</b>	<b>19,148</b>	<b>18,929</b>	<b>7,859</b>	<b>10,702</b>	<b>11,653</b>		<b>26,384</b>	<b>23,400</b>	<b>24,189</b>	<b>2,200</b>	<b>2,466</b>	<b>2,900</b>
<b>Northeast</b>	<b>1,443</b>	<b>7.5</b>	<b>4,379</b>	<b>3,910</b>	<b>3,353</b>	<b>1,686</b>	<b>2,112</b>	<b>2,032</b>		<b>4,969</b>	<b>4,057</b>	<b>4,089</b>	<b>426</b>	<b>432</b>	<b>466</b>
<b>N.E.</b>	<b>267</b>	<b>5.4</b>	<b>945</b>	<b>711</b>	<b>637</b>	<b>361</b>	<b>367</b>	<b>316</b>		<b>1,366</b>	<b>1,008</b>	<b>1,019</b>	<b>104</b>	<b>90</b>	<b>91</b>
ME	37	7.9	139	109	82	60	62	48		146	115	111	13	12	11
NH	10	2.4	53	26	23	22	15	12		101	86	93	7	6	6
VT	15	6.9	46	41	34	18	20	17		59	46	46	5	4	4
MA	136	6.1	446	329	322	171	173	154		703	479	474	49	42	42
RI	25	6.6	87	69	58	31	35	33		69	56	57	7	7	7
CT	43	3.6	174	139	118	59	62	53		288	226	238	23	20	21
<b>M.A.</b>	<b>1,176</b>	<b>8.3</b>	<b>3,434</b>	<b>3,199</b>	<b>2,716</b>	<b>1,325</b>	<b>1,745</b>	<b>1,715</b>		<b>3,603</b>	<b>3,048</b>	<b>3,070</b>	<b>322</b>	<b>342</b>	<b>375</b>
NY	650	9.5	1,804	1,753	1,447	726	938	930		1,593	1,486	1,547	171	192	219
NJ	137	4.8	600	440	361	226	260	232		679	551	516	58	57	58
PA	389	8.6	1,030	1,005	908	373	547	554		1,331	1,012	1,007	93	93	99
<b>Midwest</b>	<b>1,848</b>	<b>8.1</b>	<b>4,340</b>	<b>4,955</b>	<b>4,594</b>	<b>1,809</b>	<b>2,915</b>	<b>3,025</b>		<b>6,767</b>	<b>5,666</b>	<b>5,796</b>	<b>457</b>	<b>513</b>	<b>589</b>
<b>E.N.C.</b>	<b>1,414</b>	<b>8.9</b>	<b>3,382</b>	<b>3,907</b>	<b>3,468</b>	<b>1,261</b>	<b>2,341</b>	<b>2,359</b>		<b>4,401</b>	<b>3,615</b>	<b>3,685</b>	<b>310</b>	<b>357</b>	<b>402</b>
OH	449	10.8	928	1,113	1,060	382	697	752		1,156	910	905	79	96	105
IN	100	4.8	399	385	284	154	242	185		717	621	628	39	41	50
IL	402	9.2	915	1,096	966	394	713	729		1,129	918	936	91	110	124
MI	363	10.6	903	949	875	263	541	537		866	723	748	69	73	81
WI	99	5.4	237	364	283	68	148	157		533	444	467	32	36	42
<b>W.N.C.</b>	<b>434</b>	<b>6.4</b>	<b>958</b>	<b>1,048</b>	<b>1,126</b>	<b>348</b>	<b>574</b>	<b>666</b>		<b>2,366</b>	<b>2,050</b>	<b>2,111</b>	<b>146</b>	<b>157</b>	<b>187</b>
MN	98	6.0	188	220	248	62	105	131		558	465	487	33	33	39
IA	67	6.1	156	203	163	54	107	97		439	391	377	24	26	30
MO	153	7.7	364	337	405	142	212	255		664	539	556	47	49	56
ND	14	5.7	28	31	37	9	16	21		93	94	94	5	6	8
SD	17	6.3	46	48	49	18	26	31		101	89	101	7	9	11
NE	36	5.8	72	95	90	25	44	50		203	187	192	11	14	17
KS	49	5.1	104	113	134	38	64	80		308	286	303	19	21	27
<b>South</b>	<b>2,719</b>	<b>8.5</b>	<b>8,396</b>	<b>7,362</b>	<b>7,718</b>	<b>3,438</b>	<b>4,189</b>	<b>4,842</b>		<b>10,464</b>	<b>9,786</b>	<b>10,018</b>	<b>952</b>	<b>1,050</b>	<b>1,248</b>
<b>S.A.</b>	<b>1,065</b>	<b>6.5</b>	<b>3,811</b>	<b>2,925</b>	<b>2,952</b>	<b>1,547</b>	<b>1,870</b>	<b>1,763</b>		<b>4,846</b>	<b>4,474</b>	<b>4,553</b>	<b>443</b>	<b>466</b>	<b>518</b>
DE	11	4.4	53	34	30	21	22	19		68	55	59	5	5	5
MD	106	6.1	335	273	248	140	171	176		434	347	357	36	34	37
DC	25	10.4	104	68	59	41	40	36		57	48	51	8	9	9
VA	138	6.1	412	340	327	158	189	206		717	610	614	51	53	56
WV	94	13.3	216	267	255	87	159	169		245	227	211	20	26	28
NC	154	6.2	592	449	388	234	237	228		887	814	774	90	82	85
SC	95	7.6	444	353	245	181	194	172		489	478	465	51	57	57
GA	181	7.7	658	524	493	264	290	302		894	890	932	80	88	99
FL	261	5.1	997	616	696	421	368	455		1,055	1,006	1,089	102	113	141
<b>E.S.C.</b>	<b>683</b>	<b>11.9</b>	<b>2,064</b>	<b>2,064</b>	<b>1,871</b>	<b>938</b>	<b>1,194</b>	<b>1,207</b>		<b>2,252</b>	<b>2,128</b>	<b>2,132</b>	<b>215</b>	<b>241</b>	<b>270</b>
KY	161	11.5	485	533	445	211	332	300		567	510	506	48	53	58
TN	193	10.3	674	496	496	282	280	312		648	611	607	55	60	66
AL	157	10.3	606	545	438	246	318	276		607	592	582	62	69	74
MS	172	18.5	518	490	492	199	264	319		430	415	437	50	59	72
<b>W.S.C.</b>	<b>972</b>	<b>9.9</b>	<b>2,302</b>	<b>2,373</b>	<b>2,895</b>	<b>952</b>	<b>1,325</b>	<b>1,872</b>		<b>3,366</b>	<b>3,184</b>	<b>3,333</b>	<b>294</b>	<b>343</b>	<b>460</b>
AR	83	9.1	301	233	223	122	126	130		356	298	296	31	34	39
LA	245	15.7	584	648	720	243	365	484		767	726	716	67	80	100
OK	102	8.2	214	250	251	73	134	159		408	368	363	30	34	43
TX	542	8.8	1,203	1,241	1,702	514	701	1,098		1,835	1,793	1,959	166	195	278
<b>West</b>	<b>1,200</b>	<b>6.3</b>	<b>3,000</b>	<b>2,922</b>	<b>3,264</b>	<b>1,126</b>	<b>1,485</b>	<b>1,753</b>		<b>4,184</b>	<b>3,892</b>	<b>4,287</b>	<b>365</b>	<b>470</b>	<b>596</b>
<b>Mt.</b>	<b>327</b>	<b>6.6</b>	<b>818</b>	<b>742</b>	<b>912</b>	<b>339</b>	<b>446</b>	<b>591</b>		<b>1,352</b>	<b>1,249</b>	<b>1,393</b>	<b>98</b>	<b>118</b>	<b>156</b>
MT	21	6.8	45	52	53	18	31	36		104	87	85	6	7	9
ID	21	5.7	65	53	57	29	36	37		120	122	131	7	10	13
WY	10	5.6	15	25	26	6	15	18		51	57	54	3	4	5
CO	82	6.4	173	168	208	71	94	133		299	284	290	21	24	30
NM	49	8.9	191	145	147	81	88	100		174	171	181	19	23	29
AZ	90	6.9	227	195	283	97	121	176		291	264	325	23	29	42
UT	34	6.4	65	74	94	22	40	61		233	209	261	14	16	22
NV	19	4.3	37	31	45	15	22	31		80	55	66	5	5	7
<b>Pac.</b>	<b>874</b>	<b>6.2</b>	<b>2,182</b>	<b>2,180</b>	<b>2,352</b>	<b>787</b>	<b>1,039</b>	<b>1,163</b>		<b>2,832</b>	<b>2,644</b>	<b>2,894</b>	<b>287</b>	<b>353</b>	<b>440</b>
WA	118	6.3	260	274	255	90	140	168		354	322	357	26	32	40
OR	91	8.1	213	214	204	80	142	150		277	230	240	18	22	25
CA	624	5.9	1,571	1,571	1,793	530	639	746		2,006	1,906	2,111	210	279	354
AK	9	5.0	32	24	23	27	25	24		33	39	38	4	6	7
HI	31	8.6	106	96	77	60	93	74		162	147	149	9	14	14

NA Not available. <sup>1</sup> Includes Puerto Rico, other outlying areas and Dept. of Defense overseas. After July 1, 1982 Puerto Rico was dropped from Food Stamp program and transferred to a nutrition assistance program. <sup>2</sup> Participation at year-end 1989 was atypical due to Hurricane Hugo disaster relief.

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



### No. 612. Public Aid—Recipients and Average Monthly Cash Payments Under Supplemental Security Income (SSI) and Public Assistance: 1975 to 1989

[As of December, except as noted. Public assistance data for all years include Puerto Rico, Guam, and Virgin Islands; SSI data are for federally administered payments only. See text, section 12. Excludes payments made directly to suppliers of medical care. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 355-367]

PROGRAM	RECIPIENTS (1,000)					AVG. MONTHLY PAYMENTS (dol.)				
	1975	1980	1985	1988	1989	1975	1980	1985	1988	1989
SSI, total . . . . .	4,314	4,142	4,138	4,464	4,593	114	168	226	260	275
Aged . . . . .	2,307	1,808	1,504	1,433	1,439	91	128	164	188	199
Blind . . . . .	74	78	82	83	83	147	213	274	306	320
Disabled . . . . .	1,933	2,256	2,551	2,948	3,071	141	198	261	294	309
Old-age assistance <sup>1</sup> . . . . .	18	19	18	17	17	21	39	36	36	37
Aid to the blind <sup>1</sup> . . . . .	(Z)	(Z)	(Z)	(Z)	(Z)	15	36	39	39	40
Aid to permanently, totally disabled <sup>1</sup> . . . . .	17	21	23	25	25	15	35	38	38	39
AFDC: <sup>2</sup> Families . . . . .	3,568	3,843	3,721	3,752	3,879	229	288	341	379	383
Recipients <sup>3</sup> . . . . .	11,404	11,101	10,924	10,898	11,183	72	100	118	130	133
Children . . . . .	8,106	7,599	7,247	7,333	7,571	(NA)	(NA)	(NA)	(NA)	(NA)
General assistance cases . . . . .	692	796	1,051	904	935	144	161	(NA)	(NA)	(NA)

NA Not available. Z Fewer than 500. <sup>1</sup> Average monthly recipients and payments for the year. <sup>2</sup> Aid to Families with Dependent Children program. <sup>3</sup> Includes the children and one or both parents, or one caretaker relative other than a parent, in families where the needs of such adults were considered in determining the amount of assistance.

### No. 613. Public Aid Payments: 1970 to 1989

[In millions of dollars. See headnote, table 612. Supplemental Security Income data cover federally- and State-administered payments. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 346-354]

PROGRAM	1970	1975	1980	1982	1983	1984	1985	1986	1987	1988	1989
Payments, total <sup>1</sup> . . . . .	8,443	16,313	21,994	21,979	23,385	25,035	26,431	28,311	29,556	30,910	32,762
Supplemental Security Income <sup>2</sup> . . . . .	(X)	5,878	7,941	8,981	9,404	10,371	11,060	12,081	12,951	13,786	14,980
Aged . . . . .	(X)	2,605	2,734	2,824	2,814	2,973	3,035	3,096	3,194	3,299	3,476
Blind . . . . .	(X)	131	190	217	229	249	264	277	291	302	316
Disabled . . . . .	(X)	3,142	5,014	5,909	6,357	7,143	7,755	8,700	9,458	10,177	11,180
Public assistance <sup>1</sup> . . . . .	8,443	10,434	14,048	12,998	13,981	14,664	15,371	16,230	16,605	17,124	17,782
Old-age assistance . . . . .	1,862	5	9	8	8	8	8	8	7	7	7
Blind . . . . .	98	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Permanently, totally disabled . . . . .	1,000	3	9	10	10	10	10	11	11	11	12
Families with dependent children . . . . .	4,853	9,211	12,475	12,878	13,838	14,505	15,196	16,033	16,373	16,827	17,466
Emergency assistance . . . . .	11	78	113	102	125	141	157	178	214	279	297
General assistance . . . . .	618	1,138	1,442	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. X Not applicable. Z Less than \$500,000. <sup>1</sup> Beginning 1982, excludes general assistance payments. <sup>2</sup> Includes data not available by reason for eligibility.

Source of tables 612 and 613: U.S. Social Security Administration, *Social Security Bulletin*, monthly and *Annual Statistical Supplement to the Social Security Bulletin*, and U.S. Family Support Administration, *Quarterly Public Assistance Statistics*, annual.

### No. 614. Public Aid Recipients as Percent of Population, by State: 1980 and 1989

[Total recipients as of June of Aid to Families with Dependent Children and of Federal Supplemental Security Income as percent of resident population. Based on estimated resident population as of July 1]

DIVISION AND STATE	1980	1989	DIVISION AND STATE	1980	1989	DIVISION AND STATE	1980	1989	DIVISION AND STATE	1980	1989
U.S. . . . .	6.5	6.1	IL . . . . .	7.0	6.7	WV . . . . .	6.0	8.2	Mt. . . . .	3.5	3.9
N.E. . . . .	6.9	5.1	MI. . . . .	8.9	8.3	NC . . . . .	5.8	5.3	MT . . . . .	3.4	4.6
ME . . . . .	7.4	6.1	WI. . . . .	6.1	6.6	SC . . . . .	7.6	5.5	ID . . . . .	3.1	2.6
NH . . . . .	3.0	1.8	W.N.C. . . . .	4.5	4.6	GA . . . . .	6.9	6.6	WY . . . . .	1.9	3.4
VT . . . . .	6.4	5.2	MN . . . . .	4.2	4.6	FL . . . . .	4.4	4.2	CO . . . . .	3.7	4.0
MA . . . . .	8.3	6.0	IA . . . . .	4.6	4.5	E.S.C. . . . .	7.9	7.4	NM . . . . .	6.1	5.7
RI . . . . .	7.2	5.9	MO . . . . .	5.9	5.5	KY . . . . .	7.2	7.0	AZ . . . . .	3.0	4.1
CT . . . . .	5.2	4.2	ND . . . . .	3.0	3.4	TN . . . . .	6.4	6.7	UT . . . . .	3.2	3.2
M.A. . . . .	7.6	6.5	SD . . . . .	4.2	4.0	AL . . . . .	8.1	6.3	NV . . . . .	2.3	2.8
NY . . . . .	8.4	7.6	NE . . . . .	3.2	3.5	MS . . . . .	11.4	11.0	Pac. . . . .	7.9	7.9
NJ . . . . .	7.4	5.1	KS . . . . .	3.8	3.9				WA . . . . .	4.9	5.8
PA . . . . .	6.7	5.8	SA . . . . .	6.8	5.1	W.S.C. . . . .	5.2	5.7	OR . . . . .	4.9	4.2
E.N.C. . . . .	6.6	6.7	DE . . . . .	6.6	4.0	AR . . . . .	7.2	6.0	CA . . . . .	8.8	8.8
OH . . . . .	6.0	7.1	MD . . . . .	6.1	4.9	LA . . . . .	8.3	9.2	AK . . . . .	4.6	4.6
IN . . . . .	3.7	3.6	DC . . . . .	15.5	10.5	OK . . . . .	5.2	5.0	HI . . . . .	7.3	5.0
			VA . . . . .	4.6	3.8	TX . . . . .	4.0	4.9			

Source: Compiled by U.S. Bureau of the Census. Data from U.S. Social Security Administration, *Social Security Bulletin*, monthly, and U.S. Family Support Administration, *Quarterly Public Assistance Statistics*, annual.

### No. 615. Aid to Families With Dependent Children (AFDC) and Supplemental Security Income (SSI)—Recipients and Payments, States and Other Areas: 1980 to 1989

[Recipients as of December. Data for SSI cover Federal SSI payments and/or federally-administered State supplementation, except as noted. For explanation of methodology, see Appendix III]

DIVISION AND STATE OR OTHER AREA	AFDC								SSI			
	Recipients <sup>1</sup> (1,000)			Payments for year (mil. dol.)			Average monthly payment per family		Recipients (1,000)		Payments for year (mil. dol.)	
	1980	1988	1989	1980	1988	1989	1988	1989	1980	1989	1980	1989
<b>Total</b> . . . . .	<b>11,101</b>	<b>10,898</b>	<b>11,183</b>	<b>12,475</b>	<b>16,827</b>	<b>17,466</b>	<b>\$374</b>	<b>\$383</b>	<b>2,142</b>	<b>2,593</b>	<b>2,715</b>	<b>14,559</b>
<b>U.S.</b> . . . . .	<b>10,923</b>	<b>10,707</b>	<b>10,987</b>	<b>12,409</b>	<b>16,754</b>	<b>17,388</b>	<b>(NA)</b>	<b>388</b>	<b>4,142</b>	<b>4,592</b>	<b>7,690</b>	<b>14,559</b>
<b>N. Eng.</b> . . . . .	<b>647</b>	<b>467</b>	<b>505</b>	<b>910</b>	<b>1,012</b>	<b>1,098</b>	<b>501</b>	<b>524</b>	<b>198.0</b>	<b>201.8</b>	<b>356</b>	<b>595</b>
ME	58	49	53	60	80	90	375	408	21.6	23.1	29	53
NH	24	12	15	27	22	26	408	417	5.4	6.6	8	417
VT	24	19	21	32	40	43	476	500	8.9	9.7	16	29
MA	348	239	256	510	566	600	545	559	123.6	115.2	241	361
RI	54	41	44	72	82	88	455	483	15.0	16.8	25	48
CT	140	106	117	209	221	252	491	534	23.4	30.4	39	487
<b>Mid. Atl.</b> . . . . .	<b>2,216</b>	<b>1,806</b>	<b>1,779</b>	<b>2,954</b>	<b>3,382</b>	<b>3,330</b>	<b>453</b>	<b>451</b>	<b>614.5</b>	<b>671.1</b>	<b>1,259</b>	<b>2,329</b>
NY	1,110	986	964	1,623	2,180	2,146	536	530	365.5	390.5	791	1,441
NJ	469	297	308	560	451	441	357	357	85.8	100.0	156	314
PA	637	524	508	771	751	743	352	356	163.2	180.6	312	574
<b>E. No. Cent.</b> . . . . .	<b>2,419</b>	<b>2,307</b>	<b>2,274</b>	<b>2,838</b>	<b>3,491</b>	<b>3,459</b>	<b>366</b>	<b>373</b>	<b>466.3</b>	<b>587.0</b>	<b>827</b>	<b>1,008</b>
OH	572	633	623	561	801	837	297	314	119.3	147.1	200	432
IN	170	148	149	139	166	183	263	263	41.4	56.8	60	155
IL	691	640	623	722	801	789	309	320	123.6	164.4	207	519
MI	753	637	641	1,063	1,227	1,223	480	480	113.8	136.0	237	437
WI	232	249	237	353	495	447	472	461	68.3	82.7	124	265
<b>W. No. Cent.</b> . . . . .	<b>614</b>	<b>611</b>	<b>619</b>	<b>697</b>	<b>907</b>	<b>925</b>	<b>361</b>	<b>368</b>	<b>190.3</b>	<b>207.5</b>	<b>270</b>	<b>527</b>
MN	146	163	164	207	342	343	520	523	31.9	38.1	42	98
IA	111	99	97	144	152	149	349	360	25.6	31.6	34	78
MO	216	202	207	182	215	223	263	272	84.4	82.2	126	215
ND	13	15	16	16	22	24	355	366	6.3	7.4	9	17
SD	19	19	19	19	21	22	271	271	8.0	9.6	10	23
NE	38	41	41	42	56	57	323	333	43.7	45.1	49	438
KS	72	73	77	87	99	107	339	349	20.4	23.3	28	59
<b>So. Atl.</b> . . . . .	<b>1,463</b>	<b>1,386</b>	<b>1,471</b>	<b>1,125</b>	<b>1,531</b>	<b>1,640</b>	<b>259</b>	<b>267</b>	<b>744.4</b>	<b>820.0</b>	<b>1,173</b>	<b>2,167</b>
DE	34	19	21	32	24	26	270	283	7.2	7.7	11	21
MD	220	176	181	214	253	272	336	356	48.3	57.4	82	168
DC	82	49	47	92	76	79	347	363	15.1	16.0	31	52
VA	176	147	150	160	169	169	258	260	80.6	92.0	120	235
WV	80	109	109	60	108	109	242	253	41.0	45.7	72	134
NC	202	196	216	154	212	225	243	238	140.6	144.7	210	363
SC	156	109	105	72	90	93	189	208	83.4	88.7	124	219
GA	234	262	285	138	276	295	258	261	154.5	156.9	233	387
FL	279	319	356	203	324	371	241	253	173.6	210.9	291	589
<b>E. So. Cent.</b> . . . . .	<b>704</b>	<b>656</b>	<b>688</b>	<b>386</b>	<b>423</b>	<b>454</b>	<b>152</b>	<b>180</b>	<b>470.1</b>	<b>488.9</b>	<b>716</b>	<b>1,259</b>
KY	175	154	171	136	146	161	209	223	93.7	109.8	151	303
TN	174	193	207	85	130	146	158	170	130.6	135.7	199	350
AL	178	130	130	84	62	61	114	114	134.1	130.9	195	325
MS	176	179	178	61	86	85	119	118	111.8	112.5	171	280
<b>W. So. Cent.</b> . . . . .	<b>718</b>	<b>979</b>	<b>1,038</b>	<b>401</b>	<b>707</b>	<b>743</b>	<b>183</b>	<b>183</b>	<b>543.3</b>	<b>545.8</b>	<b>793</b>	<b>1,347</b>
AR	85	70	71	51	54	55	191	193	77.8	74.5	107	171
LA	219	277	281	124	183	188	167	167	136.5	130.0	221	350
OK	92	103	105	92	121	125	281	288	67.3	59.0	100	144
TX	320	529	581	134	350	377	169	168	261.7	282.3	365	681
<b>Mid.</b> . . . . .	<b>302</b>	<b>381</b>	<b>407</b>	<b>274</b>	<b>450</b>	<b>477</b>	<b>291</b>	<b>293</b>	<b>118.2</b>	<b>150.2</b>	<b>188</b>	<b>417</b>
MT	20	28	32	19	41	40	363	356	6.8	9.4	11	26
ID	20	17	16	24	19	19	249	251	7.5	9.7	11	25
WY	7	14	14	9	19	19	304	307	1.8	3.2	4	8
CO	81	98	100	81	127	133	318	324	30.5	35.7	46	99
NM	56	59	60	42	55	55	225	225	25.4	29.6	41	79
AZ	60	103	117	40	107	122	268	271	29.8	40.9	53	120
UT	44	43	45	48	61	64	344	352	7.8	11.3	11	32
NV	14	20	23	11	21	25	273	277	6.8	10.5	11	28
<b>Pac.</b> . . . . .	<b>1,843</b>	<b>2,115</b>	<b>2,208</b>	<b>2,844</b>	<b>4,850</b>	<b>5,263</b>	<b>562</b>	<b>589</b>	<b>798.2</b>	<b>919.9</b>	<b>2,108</b>	<b>4,109</b>
WA	173	217	225	251	405	424	444	449	45.3	57.2	85	182
OR	94	88	87	147	131	139	349	361	22.2	29.7	35	86
CA	1,498	1,749	1,833	2,328	4,177	4,553	590	620	717.5	815.3	1,962	3,783
AK	16	19	19	27	54	55	599	619	3.1	4.4	6	12
HI	61	43	44	31	82	92	506	546	10.2	13.3	20	46
PR	170	183	189	60	68	72	101	102	(X)	(X)	(X)	(X)
GU	5	4	4	3	3	3	216	228	(X)	(X)	(X)	(X)
VI	3	3	3	2	2	2	195	280	(X)	(X)	(X)	(X)
N. Mariana	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	50.6	50.5	51	2

NA Not available. X Not applicable. <sup>1</sup> See footnote 3, table 612. <sup>2</sup> Includes small number of recipients whose residence was "unknown." <sup>3</sup> 1980 figures include payments to Indochina refugees (total, \$23.6 million) which were not available by State. <sup>4</sup> Data for persons with Federal SSI payments only; State has State-administered supplementation. <sup>5</sup> Data for persons with Federal SSI payments only; State supplementary payments not made.

Source: U.S. Social Security Administration, *Social Security Bulletin*, monthly, and *Annual Statistical Supplement to the Social Security Bulletin*; and U.S. Family Support Administration, *Quarterly Public Assistance Statistics*, annual.

**No. 616. Child Support—Award and Reciprocity Status of Women: 1981 to 1987**

[Women with own children under 21 years of age present from absent fathers as of spring of following year. Covers civilian noninstitutional population. Based on Current Population Survey; see text, section 1 and Appendix III]

AWARD AND RECIPROCY STATUS	ALL WOMEN						WOMEN BELOW THE POVERTY LEVEL					
	Number (1,000)			Percent distribution			Number (1,000)			Percent distribution		
	1981	1985	1987	1981	1985	1987	1981	1985	1987	1981	1985	1987
Total .....	8,387	8,808	9,415	100.0	100.0	100.0	2,588	2,797	3,191	100.0	100.0	100.0
Payments awarded .....	4,969	5,396	5,554	59.2	61.3	59.0	1,018	1,130	1,413	39.7	40.4	44.3
Supposed to receive payments	4,043	4,381	4,829	48.2	49.7	51.3	806	905	1,231	31.4	32.4	38.6
Not supposed to receive payments .....	926	1,015	725	11.0	11.5	7.7	212	225	182	8.3	8.0	5.7
Payments not awarded .....	3,417	3,411	3,861	40.7	38.7	41.0	1,547	1,668	1,778	60.3	59.6	55.7
Supposed to receive payments .....	4,043	4,381	4,829	100.0	100.0	100.0	806	905	1,231	100.0	100.0	100.0
Actually received payments .....	2,902	3,243	3,676	71.8	74.0	76.1	495	595	885	61.4	65.7	71.9
Received full amount .....	1,888	2,112	2,475	46.7	48.2	51.3	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Received partial amount .....	1,014	1,131	1,201	25.1	25.8	24.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Did not receive payments .....	1,140	1,138	1,153	28.2	26.0	23.9	311	310	346	38.6	34.3	28.1

NA Not available.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 167.

**No. 617. Child Support and Alimony—Selected Characteristics of Women: 1987**

[See headnote, table 616. Alimony data are for ever-divorced and currently separated women. For definition of mean, see Guide to Tabular Presentation]

RECIPIENCY STATUS OF WOMEN	Unit	Total <sup>1</sup>	AGE			RACE		Hispanic <sup>2</sup>	CURRENT MARITAL STATUS			
			18 to 29 years	30 to 39 years	40 years and over	White	Black		Divorced	Married <sup>3</sup>	Single <sup>4</sup>	Separated
CHILD SUPPORT												
All women, total. . . . .	1,000 ..	9,415	3,169	3,924	2,321	6,467	2,686	937	2,958	2,386	2,625	1,381
Payments awarded. . . . .	1,000 ..	5,554	1,346	2,631	1,577	4,448	956	397	2,284	1,957	517	757
Percent of total. . . . .	Percent.	59.0	42.5	67.0	67.9	68.8	35.6	42.4	77.2	82.0	19.7	54.8
Supposed to receive child support in 1987. . . . .	1,000 ..	4,829	1,198	2,358	1,273	3,910	787	344	2,087	1,656	430	628
Percent received payment. . . . .	Percent.	76.1	76.3	75.0	78.1	76.6	73.2	75.6	78.0	72.9	83.3	74.0
Mean child support. . . . .	Dollars	2,710	1,946	2,742	3,354	2,950	1,503	2,628	3,073	2,540	1,632	2,745
Percent of total income. . . . .	Percent.	19.0	21.7	18.7	18.2	19.7	14.7	28.6	17.6	20.2	22.7	21.5
Women with incomes below the poverty level in 1987. . . . .												
Payments awarded. . . . .	1,000 ..	3,191	1,562	1,201	427	1,659	1,431	473	791	167	1,498	710
Percent of total. . . . .	Percent.	44.3	35.4	51.8	55.7	53.0	34.2	38.1	74.2	78.4	21.3	50.8
Supposed to receive child support in 1987. . . . .	1,000 ..	1,231	490	555	185	772	417	150	538	108	274	300
Percent received payment. . . . .	Percent.	71.9	73.9	69.7	73.5	71.1	72.9	79.3	68.4	70.4	83.9	68.3
Mean child support. . . . .	Dollars	1,673	1,458	1,816	1,842	1,962	1,187	2,850	1,799	1,646	1,018	2,222
Percent of total income. . . . .	Percent.	36.6	34.8	35.4	46.5	41.2	27.8	61.6	34.1	65.3	22.8	53.1
ALIMONY												
All women, total. . . . .	1,000 ..	19,271	2,748	5,821	10,703	16,119	2,698	1,299	8,110	7,321	(X)	2,727
Number awarded payments. . . . .	1,000 ..	3,243	302	624	2,317	2,954	205	151	1,373	1,421	(X)	269
Percent of total. . . . .	Percent.	16.8	11.0	10.7	21.6	18.3	7.6	11.6	16.9	19.4	(X)	9.9
Supposed to receive payments. . . . .	1,000 ..	1,186	181	333	671	1,053	98	55	591	430	(X)	148
Women with incomes below the poverty level in 1987. . . . .												
Number awarded payments. . . . .	1,000 ..	3,682	842	1,110	1,730	2,578	992	469	1,786	470	(X)	1,187
Percent of total. . . . .	Percent.	13.7	12.0	9.2	17.5	17.0	4.9	11.7	15.1	22.1	(X)	8.8
Supposed to receive payments. . . . .	1,000 ..	204	63	50	91	177	21	22	117	35	(X)	50

X Not applicable. <sup>1</sup> Includes other items, not shown separately. <sup>2</sup> Hispanic women may be of any race. <sup>3</sup> Remarried women whose previous marriage ended in divorce. <sup>4</sup> Never-married women.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 167.

**No. 618. Child Support Enforcement Program—Caseload and Collections: 1980 to 1989**

[For years ending Sept. 30. Includes Puerto Rico, Guam, and the Virgin Islands. The Child Support Enforcement program locates absent parents, establishes paternity of children born out-of-wedlock, and establishes and enforces support orders. By law, these services are available to all families that need them. The program is operated at the State and local government level but 68 percent of administrative costs are paid by the Federal government. Child support collected for families not receiving Aid to Families with Dependent Children (AFDC) goes to the family to help it remain self-sufficient. Most of the child support collected on behalf of AFDC families goes to Federal and State governments to offset AFDC payments. Based on data reported by State agencies. Minus sign (-) indicates net outlay]

ITEM	Unit	1980	1983	1984	1985	1986	1987	1988	1989
Total cases	1,000	5,432	7,516	7,999	8,401	9,724	10,635	11,078	11,869
AFDC and AFDC arrears only caseload	1,000	(NA)	(NA)	(NA)	(NA)	7,220	7,655	7,501	7,608
AFDC cases	1,000	4,583	5,828	6,136	6,242	5,749	5,776	5,703	5,707
AFDC arrears only cases	1,000	(NA)	(NA)	(NA)	(NA)	1,472	1,879	1,798	1,901
Non-AFDC cases	1,000	849	1,688	1,863	2,159	2,503	2,981	3,577	4,262
Cases for which a collection was made:									
AFDC cases	1,000	503	595	647	684	582	609	621	657
AFDC arrears only cases	1,000	(NA)	(NA)	(NA)	(NA)	158	196	181	202
Non-AFDC cases	1,000	243	507	547	654	786	934	1,083	1,246
Percentage of cases with collections:									
AFDC cases	Percent	11.0	10.2	10.5	11.0	10.1	10.5	10.9	11.5
AFDC arrears only cases	Percent	(NA)	(NA)	(NA)	(NA)	10.8	10.5	10.1	10.6
Non-AFDC cases	Percent	28.7	30.0	29.4	30.3	31.4	31.3	30.3	29.2
Absent parents located, total	1,000	643	831	875	878	1,046	1,145	1,388	1,624
Paternities established, total	1,000	144	208	219	232	245	269	307	336
Support obligations established, total	1,000	374	496	573	669	731	812	870	936
<b>FINANCES</b>									
Collections, total	Mill. dol.	1,478	2,024	2,378	2,694	3,249	3,917	4,613	5,250
AFDC collections	Mill. dol.	603	880	1,000	1,090	1,225	1,348	1,486	1,593
State share	Mill. dol.	274	396	448	415	424	473	523	563
Incentive payments to States	Mill. dol.	72	121	134	145	158	185	221	266
Federal share	Mill. dol.	246	349	402	341	369	413	445	458
Payments to AFDC families <sup>2</sup>	Mill. dol.	10	15	17	189	275	278	298	307
Non-AFDC collections	Mill. dol.	874	1,144	1,378	1,604	2,023	2,569	3,128	3,656
Administrative expenditures, total	Mill. dol.	466	691	723	814	941	1,066	1,171	1,363
State share	Mill. dol.	117	204	216	243	308	316	366	426
Federal share	Mill. dol.	349	487	507	571	633	750	804	938
Program savings, total	Mill. dol.	127	174	260	86	9	5	18	-77
State share	Mill. dol.	230	312	366	317	274	342	378	403
Federal share	Mill. dol.	-103	-138	-105	-231	-264	-337	-360	-480
Total fees and costs recovered for non-AFDC cases	Mill. dol.	5	3	3	3	6	7	7	7
Percentage of AFDC payments recovered	Percent	5.2	6.6	7.0	7.3	8.6	9.1	9.8	10.1

NA Not available. <sup>1</sup> Reflects cases that are no longer receiving AFDC but still have outstanding child support due. <sup>2</sup> Beginning 1985, States were required to pass along to the family the first \$50 of any current child support collected each month.

Source: U.S. Department of Health and Human Services, Office of Child Support Enforcement, *Annual Report to Congress*.

**No. 619. Property Settlement Following Divorce—Selected Characteristics of Women: 1979 and 1988**

[As of spring. Covers ever-divorced women in the civilian noninstitutional population. A property settlement consists of a one-time cash settlement or other property (i.e., house, other real estate, car, or furniture) or a combination of both. Based on Current Population Survey; see text, section 1 and Appendix III]

RECIPIENCY STATUS OF WOMEN	Unit	Total <sup>1</sup>	AGE			RACE		Hispanic <sup>2</sup>	CURRENT MARITAL STATUS		
			18 to 29 years	30 to 39 years	40 years and over	White	Black		Divorced	Married <sup>3</sup>	Widowed <sup>4</sup>
<b>1979: Ever-divorced women</b>	1,000	12,025	2,067	3,273	6,684	10,568	1,307	548	5,311	5,758	955
Received property settlement	1,000	5,350	902	1,686	2,762	4,933	355	160	2,675	2,447	227
Percent receiving settlement	Percent	44.5	43.6	51.5	41.3	46.7	27.2	29.2	50.4	42.5	23.8
<b>1988: Ever-divorced women</b>	1,000	16,545	2,071	4,970	9,504	14,399	1,782	907	8,110	7,322	1,113
Received property settlement	1,000	5,259	475	1,620	3,164	4,918	244	202	2,798	2,208	253
Percent receiving settlement	Percent	31.8	22.9	32.6	33.3	34.2	13.7	22.3	34.5	30.2	22.7
Cash only <sup>5</sup>	1,000	1,392	125	504	763	1,325	38	34	629	702	60
Other types of settlement only <sup>6</sup>	1,000	3,664	340	1,024	2,299	3,395	205	148	2,031	1,445	188
Cash and other types	1,000	203	9	92	102	198	1	20	138	61	5

<sup>1</sup> Includes other items, not shown separately. <sup>2</sup> Hispanic women may be of any race. <sup>3</sup> Remarried women whose previous marriage ended in divorce. <sup>4</sup> Widowed women whose previous marriage ended in divorce. <sup>5</sup> A one-time cash settlement. <sup>6</sup> Other property (e.g., house, other real estate, cars, or furnishings).

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 167.

### No. 620. Adoptions, by Relationship of Petitioner, 1960 to 1986, and Foreign Adoptions, 1975 to 1989

[Data on foreign adoptions for fiscal year ending in year shown; see text, section 9. Estimated. Data on total adoptions for 1960-1975 are generally based on material shown by Penelope Maza in "Adoption Trends: 1944-1975", Child Welfare Research Notes #9, issued by the U.S. Dept. of Health and Human Services, Administration for Children, Youth and Families. Data on domestic adoptions for 1982 and 1986 are based on data collected by the National Committee for Adoption from various State health, welfare, adoption, and statistical offices. For further comments, see source]

YEAR	TOTAL ADOPTIONS						FOREIGN ADOPTIONS <sup>1</sup>			
	Total	Related petitioners	Unrelated petitioners by type of agency making placement				Year	Number	Country of origin of adoptee	Number
			Total	Public agency	Private agency	Independent				
1960	107,000	49,200	57,800	13,300	20,800	23,700	1975	5,633	1989, total <sup>2</sup>	7,948
1965	142,000	65,300	76,700	20,700	32,200	23,800	1980	5,139	Korea	3,552
1970	175,000	85,800	89,200	29,500	40,100	19,600	1985	9,286	Colombia	735
1975	129,000	81,300	47,700	18,600	18,100	11,000	1986	9,945	India	677
1982 <sup>3</sup>	141,861	91,141	50,720	19,428	14,549	16,743	1987	10,097	Philippines	481
1986 <sup>3</sup>	104,088	52,931	51,157	20,064	15,053	16,040	1988	9,120	Peru	269

<sup>1</sup> Source: U.S. Immigration and Naturalization Service, *Statistical Yearbook of Immigration and Naturalization Service*.

<sup>2</sup> Includes other countries, not shown separately. <sup>3</sup> Domestic adoptions only.

Source: Except as noted, National Committee for Adoption, Inc., Washington, DC, *Adoption Factbook II, 1989* (copyright) and unpublished data.

### No. 621. Women, 20 to 54 Years Old, Who Have Ever Adopted a Child, by Relationship Before the Adoption: 1987

[In thousands, except percent. If a woman adopted more than one child of a different relationship, she would be counted once in each category. If adopted children are same relationship, she is counted once. Based on National Health Interview Survey; see Appendix III]

CHARACTERISTIC	Women ever mar- ried	WOMEN WHO EVER ADOPTED				CHARACTERISTIC	Women ever mar- ried	WOMEN WHO EVER ADOPTED			
		Total <sup>1</sup>		Un- relat- ed <sup>2</sup>	Re- lated			Total <sup>1</sup>		Un- relat- ed <sup>2</sup>	Re- lated
		Num- ber	Per- cent					Num- ber	Per- cent		
Total <sup>3</sup>	49,422	1,064	2.2	831	178	Hispanic origin:					
Age:						Hispanic	3,811	<sup>4</sup> 38	<sup>4</sup> 1.0	<sup>4</sup> 20	<sup>4</sup> 14
20-24 years	4,598	<sup>4</sup> 6	<sup>4</sup> 0.1	<sup>4</sup> 26	(NA)	Non-Hispanic	45,368	1,023	2.3	807	164
25-29 years	8,218	50	0.6	<sup>4</sup> 16	<sup>4</sup> 16	Years of school					
30-34 years	9,186	134	1.5	<sup>4</sup> 97	<sup>4</sup> 28	completed:					
35-39 years	8,799	205	2.3	<sup>4</sup> 169	<sup>4</sup> 24	Less than 12 years	7,880	118	1.5	59	55
40-44 years	7,277	243	3.3	<sup>4</sup> 200	<sup>4</sup> 32	12 years	21,948	415	1.9	314	68
45-49 years	5,966	237	4.0	<sup>4</sup> 186	<sup>4</sup> 43	13-15 years	10,301	272	2.6	228	<sup>4</sup> 36
50-54 years	5,379	190	3.5	<sup>4</sup> 148	<sup>4</sup> 35	16 or more years	9,033	260	2.9	229	<sup>4</sup> 19
Race:						Family income:					
White	42,635	956	2.2	772	134	Less than \$15,000	7,967	102	1.3	56	44
Black	5,010	85	1.7	<sup>4</sup> 41	<sup>4</sup> 40	\$15,000-\$24,999	9,309	193	2.1	145	<sup>4</sup> 33
Other	1,777	<sup>4</sup> 24	<sup>4</sup> 1.4	<sup>4</sup> 18	<sup>4</sup> 4	\$25,000-\$34,999	9,235	202	2.2	153	<sup>4</sup> 37
						\$35,000 or more	17,098	470	2.7	404	47

NA Not available. <sup>1</sup> Includes women who ever adopted with unknown relationship, not shown separately. <sup>2</sup> Includes foster children.

<sup>3</sup> Includes unknown responses, not shown separately. <sup>4</sup> Figure does not meet standards of reliability or precision.

Source: U.S. National Center for Health Statistics, *Vital and Health Statistics, Advance Data, No. 181*, January 1990, and unpublished data.

### No. 622. Weekly Child Care Expenditures: 1987

[In thousands, except as indicated. As of fall. See headnote, table 623]

ITEM	Total <sup>1</sup>	RACE		HISPANIC ORIGIN <sup>2</sup>		MONTHLY FAMILY INCOME				POVERTY LEVEL <sup>3</sup>		
		White	Black	Hispanic	Non-Hispanic	Less than \$1,250	\$1,250-\$2,499	\$2,500-\$3,749	\$3,750 or more	Below poverty level	Near poverty level <sup>4</sup>	Not poor <sup>5</sup>
Employed women with children under 15	18,501	15,402	2,517	1,557	16,944	2,661	5,941	5,073	4,826	1,434	811	16,256
Women making payments for child care	6,168	5,106	844	590	5,578	739	1,918	1,777	1,735	346	228	5,595
<b>Weekly child care expenses (dol.) <sup>6</sup></b>	<b>48.5</b>	<b>51.1</b>	<b>34.6</b>	<b>42.0</b>	<b>49.1</b>	<b>39.2</b>	<b>40.0</b>	<b>47.0</b>	<b>63.3</b>	<b>35.2</b>	<b>38.6</b>	<b>49.7</b>
Percent of income	6.6	6.7	6.6	7.1	6.6	20.7	9.2	6.6	4.9	25.0	16.3	6.3

<sup>1</sup> Includes other races not shown separately. <sup>2</sup> Persons of Hispanic origin may be of any race. <sup>3</sup> For explanation of poverty level, see text, section 14. <sup>4</sup> 100-125 percent of poverty level. <sup>5</sup> 125 percent and over of poverty level. <sup>6</sup> Average (mean) expenditures for women making child care payments. Mean weekly child care expenditure prorated to a monthly average as a percent of average monthly family income for the 4 months preceding the survey date.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-70, No. 20.

### No. 623. Primary Child Care Arrangements Used by Employed Mothers for Children Under 15, by Age of Child: 1986 and 1987

[Data were obtained for the three youngest children under 15 years old. These children represent about 94 percent of all children under 15 years old of employed women (30.6 million children). Based on the Survey of Income and Program Participation; see text, section 14]

TYPE OF ARRANGEMENT	CHILDREN UNDER 5 YEARS									CHILDREN 5-14 YEARS	
	August 1986	Fall 1987								August 1986	Fall 1987
		Total	Age			Monthly family income					
			Under 1 year	1 to 2 years	3 to 4 years	Less than \$1,250	\$1,250-\$2,499	\$2,500-\$3,749	\$3,750 or more		
Total (1,000) . . . . .	9,582	9,124	1,485	3,771	3,868	1,422	3,074	2,566	2,061	19,225	19,718
PERCENT DISTRIBUTION											
Care in child's home . . . . .	28.4	29.9	31.2	32.7	26.6	32.6	30.8	30.5	25.8	32.8	13.5
By father . . . . .	14.6	15.3	15.6	15.8	14.7	11.7	19.6	17.0	9.1	11.1	6.7
By grandparent . . . . .	4.6	5.1	5.5	5.3	4.7	6.9	4.8	4.3	5.2	3.3	1.5
By other relative . . . . .	2.3	3.3	1.8	5.0	2.2	7.0	1.8	3.3	2.8	10.7	4.0
By nonrelative . . . . .	7.0	6.2	8.3	6.6	5.1	7.0	4.6	5.9	8.7	7.7	1.4
Care in another home . . . . .	42.0	35.6	38.4	41.3	29.0	40.9	36.1	33.8	33.7	17.0	5.4
By grandparent . . . . .	15.8	8.7	8.8	8.3	9.0	13.8	9.7	6.0	7.1	6.8	1.9
By other relative . . . . .	6.0	4.5	6.3	6.0	2.7	4.2	7.3	3.2	3.1	2.8	0.9
By nonrelative . . . . .	20.2	22.4	23.3	27.0	17.2	22.9	19.1	24.6	23.5	7.5	2.5
Day/group care center . . . . .	15.0	16.1	11.8	14.5	19.2	10.2	13.1	19.1	20.6	5.6	1.7
Nursery school/preschool . . . . .	3.0	8.3	2.3	3.6	15.1	5.3	5.7	9.1	13.2	0.6	0.6
Kindergarten/grade school . . . . .	0.2	1.0	-	-	2.3	0.4	1.1	1.0	1.2	22.0	71.1
Child cares for self . . . . .	-	0.3	0.4	0.2	0.2	-	0.8	-	-	13.2	4.1
Mother cares for child at work . . . . .	11.3	8.9	16.0	7.6	7.5	10.6	12.4	6.5	5.6	8.7	3.6

- Represents or rounds to zero.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-70, No. 20.

### No. 624. Percent of Adult Population Doing Volunteer Work: 1989

[For year ending in May. Covers civilian noninstitutional population, 16 years old and over. A volunteer is a person who performed unpaid work for an organization such as a church, the Boy or Girl Scouts, a school, Little League, etc. during the year. Persons who did work on their own such as helping out neighbors or relatives are excluded. Based on Current Population Survey; see text, section 1 and Appendix III]

CHARACTERISTIC	VOLUNTEER WORKERS		PERCENT DISTRIBUTION OF VOLUNTEERS, BY TYPE OF ORGANIZATION <sup>1</sup>							
	Number (1,000)	Per cent of population	Total	Churches, other religious organizations	Schools, educational institutions	Civic or political organizations	Hospitals, other health organizations	Social or welfare organizations	Sport or recreational organizations	Other organizations
<b>Total</b> <sup>2</sup> .....	<b>38,042</b>	<b>20.4</b>	<b>100.0</b>	<b>37.4</b>	<b>15.1</b>	<b>13.2</b>	<b>10.4</b>	<b>9.9</b>	<b>7.8</b>	<b>6.3</b>
16-19 years old .....	1,902	13.4	100.0	34.4	26.8	8.9	9.2	7.0	8.2	5.5
20-24 years old .....	2,064	11.4	100.0	30.5	18.5	12.7	11.9	11.6	8.0	6.8
25-34 years old .....	8,680	20.2	100.0	34.9	18.3	13.3	9.1	9.3	8.9	6.1
35-44 years old .....	10,337	28.9	100.0	33.1	20.3	12.6	7.4	8.5	12.1	6.1
45-54 years old .....	5,670	23.0	100.0	40.8	11.8	15.1	10.1	8.8	7.1	6.3
55-64 years old .....	4,455	20.8	100.0	45.7	6.7	18.1	12.4	10.9	2.5	5.7
65 years old and over .....	4,934	16.9	100.0	43.3	4.3	11.1	17.8	14.5	1.8	7.2
Male .....	16,681	18.8	100.0	35.9	10.5	17.2	7.0	10.1	11.8	7.5
Female .....	21,361	21.9	100.0	38.5	18.8	10.1	13.1	9.7	4.6	5.3
White .....	34,823	21.9	100.0	36.6	15.1	13.5	10.7	9.8	8.0	6.3
Black .....	2,505	11.9	100.0	50.4	12.4	9.6	7.0	10.4	4.6	5.6
Hispanic origin <sup>3</sup> .....	1,289	9.4	100.0	42.2	18.3	9.6	8.5	8.9	6.9	5.6
Educational attainment: <sup>4</sup>										
Less than 4 years of high school .....	2,939	8.3	100.0	48.4	6.6	10.0	10.0	13.1	4.8	7.0
4 years of high school .....	11,105	18.8	100.0	41.5	12.5	11.2	11.1	8.8	8.2	6.7
1 to 3 years of college .....	7,572	28.1	100.0	36.8	14.7	13.3	10.8	10.1	8.0	6.3
4 years of college or more .....	12,459	38.4	100.0	32.9	17.4	16.4	9.7	10.1	7.8	5.7

<sup>1</sup> Organization for which most of the work was done. <sup>2</sup> Includes other races, not shown separately. <sup>3</sup> Persons of Hispanic origin may be of any race. <sup>4</sup> Persons 25 years old and over.

Source: U.S. Bureau of Labor Statistics, *News*, USDL 90-154, March 29, 1990.

### No. 625. Charity Contributions—Average Dollar Amount and Percent of Household Income, by Age of Respondent and Household Income: 1989

[Estimates cover households' contribution activity for the year and are based on respondents' replies as to contribution and volunteer activity of household. Based on a sample survey conducted during March-May, 1990 and subject to sampling variability; see source]

AGE	ALL CONTRIBUTING HOUSEHOLDS		CONTRIBUTORS AND VOLUNTEERS		HOUSEHOLD INCOME	ALL CONTRIBUTING HOUSEHOLDS		CONTRIBUTORS AND VOLUNTEERS	
	Average amount (dol.)	Percent of household income	Average amount (dol.)	Percent of household income		Average amount (dol.)	Percent of household income	Average amount (dol.)	Percent of household income
<b>Total</b> . . . . .	<b>978</b>	<b>2.5</b>	<b>1,192</b>	<b>2.9</b>	Under \$10,000 . . . . .	379	5.5	363	5.5
18-24 years . . . . .	484	1.2	635	1.5	\$10,000-\$19,999 . . . . .	485	3.2	640	4.1
25-34 years . . . . .	893	2.1	1,056	2.6	\$20,000-\$29,999 . . . . .	728	2.9	926	3.7
35-44 years . . . . .	956	2.2	1,158	2.6	\$30,000-\$39,999 . . . . .	894	2.6	987	2.8
45-54 years . . . . .	1,098	2.3	1,418	2.8	\$40,000-\$49,999 . . . . .	831	1.8	971	2.2
55-64 years . . . . .	1,420	3.6	1,950	4.7	\$50,000-\$59,999 . . . . .	941	1.7	1,144	2.1
65-74 years . . . . .	1,070	4.4	951	3.7	\$60,000-\$74,999 . . . . .	1,250	1.8	1,551	2.3
75 years and over . . . . .	698	3.2	1,005	4.5	\$75,000-\$99,999 . . . . .	2,793	3.2	3,961	4.5
					\$100,000 and over . . . . .	2,893	2.9	2,136	2.1

Source: Hodgkinson, Virginia, Murray Weitzman, and the Gallup Organization, Inc., *Giving and Volunteering in the United States: 1990 Edition*. (Copyright and published by INDEPENDENT SECTOR, Washington, DC, Fall 1990.)

### No. 626. Charity Contributions—Percent of Households Contributing, by Dollar Amount, Type of Charity, and Percentage of Income Contributed: 1989

[See headnote, table 625]

ANNUAL AMOUNT OF HOUSEHOLD CONTRIBUTIONS	PERCENT DISTRIBUTION		TYPE OF CHARITY	Per-centage of house-holds	Aver-age contribution per contrib-uting house-hold	PERCENTAGE OF HOUSEHOLD INCOME CONTRIBUTED	PERCENT DISTRIBUTION		Per-centage of respon-dents volun-teering
	All house-holds	Givers					All house-holds	Con-trib-uting house-holds	
None . . . . .	24.9	(X)	Arts, culture, humanities	9.6	193	Total . . . . .	100.0	(X)	54.4
Givers . . . . .	75.1	100.0	Education . . . . .	19.1	291	Noncontributors . . . . .	24.9	(X)	25.7
\$1-\$100 . . . . .	16.3	27.0	Environment . . . . .	13.4	88	Contributors . . . . .	75.1	(X)	63.9
\$101-\$200 . . . . .	8.1	13.4	Health . . . . .	32.4	143	Reporting dollar amount and income . . . . .	59.6	100.0	63.6
\$201-\$300 . . . . .	4.8	8.0	Human services . . . . .	23.0	263	Less than 1 percent . . . . .	28.9	48.4	54.6
\$301-\$400 . . . . .	4.6	7.8	International . . . . .	4.2	202	1-1.99 percent . . . . .	10.9	18.3	66.7
\$401-\$500 . . . . .	3.1	5.1	Private, community foundations . . . . .	6.4	116	2-2.99 percent . . . . .	5.8	9.8	66.0
\$501-\$600 . . . . .	2.6	4.3	Public, societal benefit . . . . .	11.2	120	3-4.99 percent . . . . .	5.0	8.4	81.1
\$601-\$700 . . . . .	1.5	2.5	Recreation - adults . . . . .	6.2	135	5 percent or more . . . . .	9.0	15.1	77.5
\$701-\$999 . . . . .	4.8	7.9	Religion . . . . .	53.2	896				
\$1,000 or more . . . . .	14.5	24.0	Youth development . . . . .	21.6	129				
Amount not reported . . . . .	14.7	(X)							

X Not applicable.

Source: Hodgkinson, Virginia, Murray Weitzman, and the Gallup Organization, Inc., *Giving and Volunteering in the United States: 1990 Edition*. (Copyright and published by INDEPENDENT SECTOR, Washington, DC, Fall 1990.)

### No. 627. Private Philanthropy Funds, by Source and Allocation: 1970 to 1989

[In billions of dollars. Estimates for sources of funds based on U.S. Internal Revenue Service reports of corporate and foundation tax returns and individual charitable deductions; econometric formula utilizing Commerce Department data on personal income, Standard & Poor's 500 Composite Index, Census population data; and surveys conducted by the source and by Council for Aid to Education, The Conference Board, The Foundation Center, and other research organizations. Estimates for allocation of funds based on surveys of recipient organizations conducted by source and other groups. See *Historical Statistics, Colonial Times to 1970*, series H 398-411, for similar but not comparable data]

SOURCE AND ALLOCATION	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
<b>Total funds</b> . . . . .	<b>21.0</b>	<b>28.6</b>	<b>43.4</b>	<b>48.7</b>	<b>55.6</b>	<b>59.8</b>	<b>64.7</b>	<b>70.6</b>	<b>80.3</b>	<b>90.9</b>	<b>95.2</b>	<b>103.9</b>	<b>114.7</b>
Individuals . . . . .	16.2	23.5	36.6	40.7	46.4	48.5	53.5	58.5	66.2	74.6	78.0	86.4	96.4
Foundations . . . . .	1.9	1.7	2.2	2.8	3.1	3.2	3.6	4.0	4.9	5.4	5.9	6.2	6.7
Corporations . . . . .	0.8	1.2	2.3	2.4	2.5	2.9	3.6	4.1	4.5	4.7	4.7	4.8	5.0
Charitable bequests . . . . .	2.1	2.2	2.2	2.9	3.6	5.2	3.9	4.0	4.8	5.7	6.6	6.6	6.6
Allocation:													
Religion . . . . .	9.3	12.8	20.2	22.2	25.1	28.1	31.8	35.4	37.5	41.7	43.2	48.1	54.3
Health . . . . .	2.4	3.6	4.9	5.3	5.8	6.2	6.7	6.8	7.7	8.4	9.2	10.2	10.7
Education . . . . .	2.6	2.8	4.5	5.0	5.8	6.0	6.7	7.3	8.2	9.4	9.8	9.6	10.0
Human service . . . . .	2.9	2.9	4.5	4.9	5.6	6.3	7.2	7.9	8.6	9.1	9.8	10.5	11.4
Arts, culture and humanities . . . . .	0.7	1.6	2.7	3.2	3.7	5.0	4.2	4.5	5.1	5.8	6.3	6.8	7.5
Public/society benefit . . . . .	0.5	0.8	1.2	1.5	1.8	1.7	1.9	1.9	2.2	2.5	2.9	3.2	3.6
All other . . . . .	2.6	4.1	5.3	6.7	7.9	6.6	6.2	6.8	11.2	14.0	13.9	15.5	17.2

Source: AAFRC Trust for Philanthropy, New York, NY, *Giving USA*, annual. (Copyright.)

**No. 628. Foundations—Number and Finances, by Asset Size**

[Figures are for latest year reported by foundations, usually 1987 or 1988. Covers nongovernment nonprofit organizations with funds and programs managed by their own trustees or directors, whose goal was to maintain or aid social, educational, religious, or other activities deemed to serve the common good. Excludes organizations which make general appeals to the public for funds, act as trade associations for industrial or other special groups, or do not currently award grants]

ASSET SIZE	Number	Assets (mil. dol.)	Gifts received (mil. dol.)	Expen- ditures (mil. dol.)	Grants (mil. dol.)	PERCENT DISTRIBUTION				
						Number	Assets	Gifts received	Expen- ditures	Grants
<b>Total</b> . . . . .	<b>30,338</b>	<b>122,084</b>	<b>5,159</b>	<b>8,761</b>	<b>7,416</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Under \$50,000 . . . . .	7,794	142	167	228	217	25.7	0.1	3.2	2.6	2.9
\$50,000-\$99,999 . . . . .	3,309	241	62	87	80	10.9	0.2	1.2	1.0	1.1
\$100,000-\$249,999 . . . . .	5,288	863	178	240	222	17.4	0.7	3.5	2.7	3.0
\$250,000-\$499,999 . . . . .	3,721	1,336	182	230	200	12.3	1.1	3.5	2.6	2.7
\$500,000-\$999,999 . . . . .	3,222	2,303	263	302	253	10.6	1.9	5.1	3.4	3.4
\$1,000,000-\$4,999,999 . . . . .	4,607	10,045	996	1,090	927	15.2	8.2	19.3	12.4	12.5
\$5,000,000-\$9,999,999 . . . . .	1,054	7,451	518	712	603	3.5	6.1	10.0	8.1	8.1
\$10,000,000-\$49,999,999 . . . . .	1,024	21,393	1,432	1,745	1,468	3.4	17.5	27.8	19.9	19.8
\$50,000,000-\$99,999,999 . . . . .	162	11,260	534	762	613	0.5	9.2	10.3	8.7	8.3
\$100,000,000-\$249,999,999 . . . . .	97	15,413	586	1,051	908	0.3	12.6	11.4	12.0	12.2
\$250,000,000 or more . . . . .	60	51,635	240	2,317	1,925	0.2	42.3	4.6	26.4	26.0

Source: The Foundation Center, New York, NY, *The National Data Book of Foundations*, 14th edition, 1990.

**No. 629. Foundations—Grants Reported by Subject Field and Recipient Organization: 1989**

[Covers grants of \$5,000 or more in size. Number and dollar amounts of grants are distributed according to a new grants classification system adapted from the National Taxonomy of Exempt Entities. As a result, it is not possible to draw direct comparisons with data reported in earlier Grants Index volumes. Based on reports of 472 foundations. Grant sample totaling \$3.25 billion represented about 45 percent of all grant dollars awarded by private foundations. For definition of foundation, see headnote, table 628]

SUBJECT FIELD	NUMBER OF GRANTS		DOLLAR VALUE OF GRANTS		RECIPIENT ORGANIZATION <sup>1</sup>	NUMBER OF GRANTS		DOLLAR VALUE OF GRANTS	
	Num- ber	Per- cent distrib- ution	Amount (mil. dol.)	Per- cent distrib- ution		Num- ber	Per- cent distrib- ution	Amount (mil. dol.)	Per- cent distrib- ution
<b>Total</b> . . . . .	<b>46,431</b>	<b>100.0</b>	<b>3,254</b>	<b>100.0</b>	Community improvement organizations . . . . .	2,193	4.7	128	3.9
Arts and culture . . . . .	7,860	16.9	456	14.0	Educational institutions . . . . .	14,022	30.2	1,288	39.6
Education . . . . .	9,995	21.5	723	22.2	Colleges & universities . . . . .	8,957	19.3	963	29.6
Environment & animals . . . . .	2,058	4.4	160	4.9	Educational support agencies . . . . .	1,986	4.3	135	4.2
Health . . . . .	5,616	12.1	563	17.3	Hospitals/medical care facilities . . . . .	2,182	4.7	187	5.8
Human services . . . . .	10,462	22.5	493	15.2	Human service agencies . . . . .	8,242	17.8	336	10.3
International affairs, development & peace . . . . .	1,360	2.9	127	3.9	International organizations . . . . .	1,199	2.6	89	2.7
Public/society benefit . . . . .	5,243	11.3	327	10.0	Museums/historical societies . . . . .	2,148	4.6	198	6.1
Science and social science . . . . .	2,826	6.1	357	11.0	Performing arts groups . . . . .	3,166	6.8	129	4.0
Religion . . . . .	854	1.8	45	1.4	Professional societies & associations . . . . .	2,780	6.0	172	5.3
Other . . . . .	157	0.3	4	0.1	Science/social science organizations . . . . .	1,056	2.3	136	4.2

<sup>1</sup> Grants may be awarded to multiple types of recipient organizations and would thereby be double-counted.

Source: The Foundation Center, New York, NY, *Foundation Grants Index*, 19th Edition, 1990/1991.

**No. 630. Corporate Philanthropy—Donations, by Type of Beneficiary: 1975 to 1989**

[In millions of dollars. Based on a sample of corporations that gave at least \$100,000; see source]

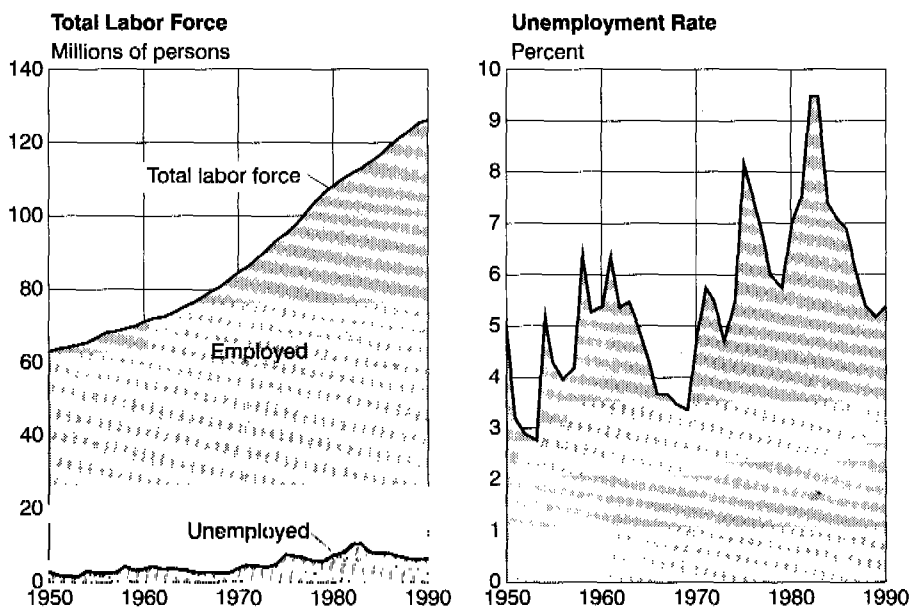
BENEFICIARY	1975	1980	1982	1983	1984	1985	1986	1987	1988	1989
<b>Total</b> <sup>1</sup> . . . . .	<b>438.8</b>	<b>994.6</b>	<b>1,281.6</b>	<b>1,278.4</b>	<b>1,444.3</b>	<b>1,694.7</b>	<b>1,673.7</b>	<b>1,658.4</b>	<b>1,645.7</b>	<b>1,820.1</b>
Health and human services <sup>1</sup> . . . . .	180.0	337.9	397.3	367.6	399.9	494.1	468.6	450.5	480.2	481.0
Federated drives . . . . .	104.6	170.7	182.4	(NA)	193.9	(NA)	225.9	203.6	234.0	218.3
Other local health, human services . . . . .	20.5	41.7	44.6	(NA)	71.2	(NA)	(NA)	215.9	(NA)	(NA)
Education <sup>1</sup> . . . . .	158.4	375.8	522.2	498.8	561.7	650.0	718.0	610.1	614.1	699.8
Dept. and research grants <sup>2</sup> . . . . .	23.8	64.7	114.6	(NA)	175.3	(NA)	198.5	(NA)	(NA)	(NA)
Employee matching gifts <sup>2</sup> . . . . .	14.0	45.4	71.2	(NA)	72.2	(NA)	98.7	108.5	108.2	115.0
Unrestricted operating grants <sup>2</sup> . . . . .	29.1	56.0	57.4	(NA)	34.7	(NA)	70.0	(NA)	(NA)	(NA)
Culture and art . . . . .	35.0	108.7	145.6	145.2	154.7	167.5	198.7	178.6	193.6	201.2
Civic, community activities <sup>1</sup> . . . . .	45.2	116.8	149.3	188.8	271.6	279.5	220.5	236.1	212.2	253.5
Community improvement . . . . .	15.2	47.0	48.2	(NA)	30.5	(NA)	12.6	53.4	51.3	87.0
Environment; ecology . . . . .	7.5	10.8	13.8	(NA)	97.1	(NA)	35.9	44.0	17.3	11.7

NA Not available. <sup>1</sup> Includes other beneficiaries not shown separately. <sup>2</sup> Higher education institutions.

Source: The Conference Board, New York, NY, *Annual Survey of Corporate Contributions*. (Copyright.)

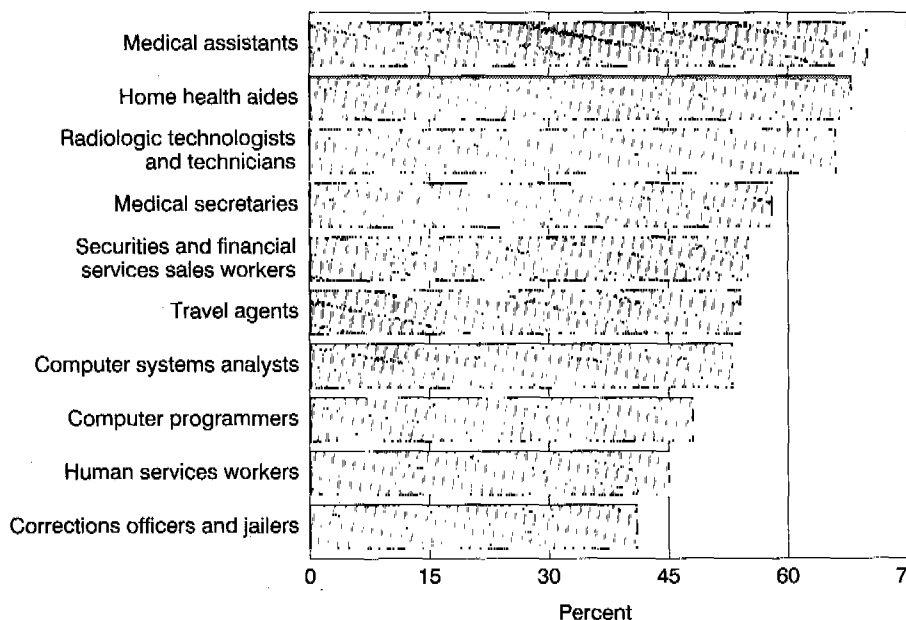


Figure 13.1  
**Labor Force Trends: 1950 to 1990**



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 631.

Figure 13.2  
**10 Fastest Growing Occupations: 1988 to 2000**



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 653.



## Section 13

# Labor Force, Employment, and Earnings

This section presents statistics on the labor force; its distribution by occupation and industry affiliation; and the supply of, demand for, and conditions of labor. The chief source of these data is the Current Population Survey conducted by the U.S. Bureau of the Census. Comprehensive historical data are published by the Bureau of Labor Statistics (BLS) in *Labor Force Statistics Derived From the Current Population Survey, 1948-87, BLS Bulletin 2307*. These data are supplemented on a current basis by the BLS monthly publications *Employment and Earnings* and the *Monthly Labor Review*. Detailed data on the labor force are also available from the Census Bureau's decennial census of population.

**Types of data.**—Most statistics in this section are obtained by two methods: household interviews or questionnaires, and reports of establishment payroll records. Each method provides data which the other cannot suitably supply. Population characteristics, for example, are readily obtainable only from the household survey, while detailed industrial classifications can be readily derived only from establishment records.

Household data are obtained from a monthly sample survey of the population. The Current Population Survey (CPS) is used to gather data for the calendar week including the 12th of the month and provides current comprehensive data on the labor force (see text, section 1). The CPS provides information on the work status of the population without duplication since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once, according to the job at which they worked the most hours during the survey week.

Monthly data from the CPS are published by the Bureau of Labor Statistics in *Employment and Earnings* and the related reports mentioned above. Data presented include national totals of the number of persons in the civilian labor force by sex, race, Hispanic origin, and age; the number employed; hours of work; industry and occupational groups; and the number unemployed, reasons for, and duration of unemployment. Monthly data from the CPS are also presented for 11 large States. Annual data shown in this section are averages of monthly figures for each calendar year, unless otherwise specified.

In addition to monthly data, the CPS also produces annual estimates of employment and unemployment for each State, 50 large metropolitan statistical areas, and selected cities. These estimates are published by BLS in its annual *Geographic Profile of Employment and Unemployment*. More detailed geographic data (e.g., for counties and cities) are provided by the decennial population censuses.

Data based on establishment records are compiled by BLS and cooperating State agencies as part of an ongoing Current Employment Statistics Program. Data, gathered from a sample of employers who voluntarily complete mail questionnaires monthly, are supplemented by data from other government agencies and adjusted at intervals to data from government social insurance program reports. The estimates exclude proprietors of unincorporated firms, self-employed persons, private household workers, unpaid family workers, agricultural workers, and the Armed Forces. In March 1989, reporting establishments employed 9 million manufacturing workers (48 percent of the total manufacturing employment at the time), 17 million workers in nonmanufacturing industries (24 percent of the total in nonmanufacturing), and 13 million Federal, State, and local government employees (71 percent of total government).

The establishment survey counts workers each time they appear on a payroll during the reference week (as with the CPS, the week including the 12th of the month). Thus, unlike the CPS, a person with two jobs is counted twice. The establishment survey is designed to provide detailed industry information for the Nation, States, and metropolitan areas on nonfarm wage and salary employment, average weekly hours, and average hourly and weekly earnings. Establishment survey data are published in *Employment and Earnings* and the *Monthly Labor Review*, cited above. Historical national and geographic data are published in *BLS Bulletin 2370, Employment, Hours, and Earnings, United States, 1909-90* and *Bulletin 2320, Employment, Hours, and Earnings, States and Areas, 1972-87*.

**Labor force.**—According to the CPS definitions, the civilian labor force comprises all civilians in the noninstitutional population 16 years and over classified as “employed” or “unemployed” according to the criteria below: Employed civilians comprise (a) all civilians, who, during the reference week, did any work for pay or profit (minimum of an hour’s work) or worked 15 hours or more as unpaid workers in a family enterprise, and (b) all civilians who were not working but who had jobs or businesses from which they were temporarily absent for noneconomic reasons (illness, weather conditions, vacation, labor-management dispute, etc.) whether they were paid for the time off or were seeking other jobs. Unemployed persons comprise all civilians who had no employment during the reference week, who made specific efforts to find a job within the previous four weeks (such as applying directly to an employer, or to a public employment service, or checking with friends) and who were available for work during that week, except for temporary illness. Persons on layoff from a job or waiting to report to a new job within 30 days are also classified as unemployed if they were available for work. All other civilian persons, 16 years old and over, are “not in the labor force”. The total labor force includes, in addition to the civilian employed and unemployed, members of the Armed Forces stationed in the United States. They are also included in the employed totals.

Beginning in 1982, changes in the estimation procedures and the introduction of 1980 census data caused substantial increases in the population and estimates of persons in all labor force categories. Rates on labor force characteristics, however, were essentially unchanged. In order to avoid major breaks in series, some 30,000 labor force series were adjusted back to 1970. The effect of the 1982 revisions on various data series and an explanation of the adjustment procedure used are described in “Revisions in the Current Population Survey in January 1982,” in the February 1982 issue of *Employment and Earnings*. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979, and data users should make allowances for them in making certain data comparisons.

Beginning in January 1985, the CPS estimation procedure was revised due to the implementation of a new sample design. A description of the changes and an indication of their effect on the national estimates of labor force characteristics appear in “Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1985” in the February 1985 issue of *Employment and Earnings*. Overall, the revisions had only a slight effect on most estimates. The greatest impact was on estimates of persons of Hispanic origin, which were revised to the extent possible, back to January 1980.

Beginning in January 1986, the CPS estimation procedure was revised to reflect an explicit estimate of the number of undocumented immigrants (largely Hispanic) since 1980 and an improved estimate of the number of legal foreign-born emigrants for the same time period. The revisions had a comparatively small effect on the total population and labor force estimates, but their effect on the estimates of persons of Hispanic origin was more pronounced. As a result, data for Hispanics, to the extent possible, were again revised back to January 1980. An explanation of the changes and their effect on estimates of labor force characteristics appears in “Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1986” in the February 1986 issue of *Employment and Earnings*.

**Hours and earnings.**—Average hourly earnings, based on establishment data, are gross earnings (i.e., earnings before payroll deductions) and include overtime premiums; they exclude irregular bonuses and value of payments in kind. Hours are those for which pay was received. Wages and salaries from the CPS consist of total monies received for work performed by an employee during the income year. It includes wages, salaries, commissions, tips, piece-rate payments, and cash bonuses earned before deductions were made for taxes, bonds, union dues, etc. Persons who worked 35 hours or more are classified as working full time (see table 649).

**Industrial and occupational groups.**—Establishments responding to the establishment survey are classified into industries on the basis of their principal product or activity (determined by annual sales volume) in accordance with the *Standard Industrial Classification (SIC) Manual*, Office of Management and Budget. The SIC is a classification structure for the entire national economy. The structure provides data on a division and industry code basis, according to the level of industrial detail. For example, manufacturing is a major industrial division; food and kindred products (code 20) is one of its major groups. One of the ways this group is further divided is into meat products (code 201) and meat packing plants (code 2011). Periodically, the SIC is revised to reflect changes in the industrial composition of the economy. The 1987 *SIC Manual* has been issued; the previous was the 1972 *SIC Manual*. Tables shown in this *Abstract* indicate which *SIC Manual* the data shown are based on.

Industry data derived from the CPS beginning in January 1983 utilize the 1980 Census industrial classification developed from the 1972 SIC. CPS data from 1971 to 1982 were based on the 1970 census classification system which was developed from the 1967 SIC. Most of the industry categories were not affected by the change in classification.

The occupational classification system used in the 1980 census and in the CPS beginning in January 1983, evolved from the 1980 Standard Occupational Classification (SOC) system, first introduced in 1977. Occupational categories used in the 1980 census classification system are so radically different from the 1970 census system used in the CPS through 1982, that their implementation represented a break in historical data series. In cases where data have not yet been converted to the 1980 classifications and still reflect the 1970 classifications (e.g., table 681), comparisons between the two systems should not be made. To help users bridge the data gap, a limited set of estimates was developed for the 1972-82 period based on the new classifications. The estimates were developed by means of applying conversion factors created by double coding a 20-percent sample of CPS occupational records for 6 months during 1981-82. For further details, contact BLS.

**Productivity.**—The Bureau of Labor Statistics (BLS) publishes data on productivity as measured by output per hour (labor productivity), output per combined unit of labor and capital input (multifactor productivity), and, for manufacturing industries, output per combined unit of capital, labor, energy, materials, and purchased service inputs. Labor productivity and related indexes are published for the business sector as a whole and its major subsectors: nonfarm business, manufacturing, nonfinancial corporations, 146 specific industries, and various functional areas of the Federal civilian government. Multifactor productivity and related measures are published for the private business sector and its major subsectors. Productivity indexes which take into account capital, labor, energy, materials, and service inputs are published for the 20 major 2-digit industry groups which comprise the manufacturing sector, and for the steel and motor vehicle industries. The major sector data are published in the BLS quarterly news release, *Productivity and Costs* and in the annual *Multifactor Productivity Measures* release. The specific industry productivity measures are published annually in the BLS Bulletin, *Productivity Measures for Selected Industries*, and the *Handbook of Labor Statistics*. Detailed information on methods, limitations, and data sources appears in the *BLS Handbook of Methods*, BLS Bulletin 2285 (1988), chapters 10 and 11.

**Unions.**—As defined here, unions include traditional labor unions and employee associations similar to labor unions. Data on union membership status provided by BLS are for employed wage and salary workers and relate to their principal job. Earnings by union membership status are usual weekly earnings of full-time wage and salary workers. The information is collected through the Current Population Survey. For a full description of the method of collection and comparability with earlier data, see "New Data on Union Members and Their Earnings" in the January 1985 issue of *Employment and Earnings*, and "Changing Employment Patterns of Organized Workers" in the February 1985 issue of the *Monthly Labor Review*. Collective bargaining settlements data are available for bargaining situations involving 1,000 or more workers in private industry and State and local government.

**Work stoppages.**—Work stoppages include all strikes and lockouts known to BLS which last for at least one full day or shift and involve 1,000 or more workers. All stoppages, whether or not authorized by a union, legal or illegal, are counted. Excluded are work slowdowns and instances where employees report to work late, or leave early, to attend mass meetings or mass rallies.

**Seasonal adjustment.**—Many economic statistics reflect a regularly recurring seasonal movement which can be estimated on the basis of past experience. By eliminating that part of the change which can be ascribed to usual seasonal variation (e.g., climate or school openings and closings), it is possible to observe the cyclical and other nonseasonal movements in the series. However, in evaluating deviations from the seasonal pattern—that is, changes in a seasonally adjusted series—it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors, but also are affected by the uncertainties of the adjustment process itself.

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

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

### No. 631. Employment Status of the Noninstitutional Population 16 Years Old and Over: 1950 to 1990

[In thousands, except as indicated. Annual averages of monthly figures. Based on Current Population Survey; see text, section 1 and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series D 11-19 and D 85-86]

YEAR	Noninstitutional population	LABOR FORCE								Not in labor force
		Number	Employed					Unemployed		
			Total	Resident Armed Forces	Civilian			Number	Percent of labor force <sup>1</sup>	
					Total	Agriculture	Non agricultural industries			
1950	106,164	63,377	60,087	1,169	58,918	7,160	51,758	3,288	5.2	42,787
1960	119,106	71,489	67,639	1,861	65,778	5,458	60,318	3,852	5.4	47,617
1965	128,459	76,401	73,034	1,946	71,088	4,361	66,726	3,366	4.4	52,058
1970	139,203	84,889	80,796	2,118	78,678	3,463	75,215	4,093	4.8	54,315
1975	154,831	95,453	87,524	1,676	85,846	3,408	82,438	7,929	8.3	59,377
1978	163,541	103,882	97,679	1,831	96,048	3,387	92,661	6,202	6.0	59,659
1979	166,460	106,559	100,421	1,597	98,824	3,347	95,477	6,137	5.8	59,900
1980	169,349	109,544	100,907	1,804	99,303	3,364	95,938	7,637	7.0	60,806
1981	171,775	110,315	102,042	1,645	100,397	3,368	97,030	8,273	7.5	61,480
1982	173,939	111,872	101,194	1,668	99,526	3,401	96,125	10,678	9.5	62,067
1983	175,881	113,226	102,510	1,676	100,834	3,383	97,450	10,717	9.5	62,665
1984	178,080	115,241	106,702	1,697	105,005	3,321	101,685	8,539	7.4	62,839
1985	179,912	117,167	108,856	1,706	107,150	3,179	103,971	8,312	7.1	62,744
1986	182,293	119,540	111,303	1,706	109,597	3,163	106,434	8,237	6.9	62,752
1987	184,490	121,602	114,177	1,737	112,440	3,208	109,232	7,425	6.1	62,888
1988	186,322	123,378	116,677	1,709	114,968	3,169	111,800	6,701	5.4	62,944
1989	188,081	125,557	119,030	1,688	117,342	3,199	114,142	6,528	5.2	62,523
1990	189,686	126,424	119,550	1,637	117,914	3,186	114,728	6,874	5.4	63,262
PERCENT DISTRIBUTION										
1950	100.0	59.7	56.6	1.1	55.5	6.7	48.8	3.1	(X)	40.3
1960	100.0	60.0	56.8	1.6	55.2	4.6	50.6	3.2	(X)	40.0
1970	100.0	61.0	58.0	1.5	56.5	2.5	54.0	2.9	(X)	39.0
1980	100.0	64.1	59.6	0.9	58.6	2.0	56.7	4.5	(X)	35.9
1985	100.0	65.1	60.5	0.9	59.6	1.8	57.8	4.6	(X)	34.9
1990	100.0	66.6	63.0	0.9	62.2	1.7	60.5	3.6	(X)	33.4

X Not applicable. <sup>1</sup> Unemployment as a percent of the labor force, including resident Armed Forces.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

### No. 632. Civilian Labor Force and Participation Rates by Race, Hispanic Origin, Sex, and Age, 1970 to 1989, and Projections, 2000

[For civilian noninstitutional population 16 years old and over. Annual averages of monthly figures. Rates are based on annual average civilian noninstitutional population of each specified group and represent proportion of each specified group in the civilian labor force. Based on Current Population Survey; see text, section 1 and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series D 42-48]

RACE, SEX, AND AGE	CIVILIAN LABOR FORCE (millions)							PARTICIPATION RATE (percent)						
	1970	1975	1980	1985	1988	1989	2000	1970	1975	1980	1985	1988	1989	2000
Total <sup>1</sup>	82.8	93.8	106.9	115.5	121.7	123.9	141.1	60.4	61.2	63.8	64.8	65.9	66.5	69.0
White	73.6	82.8	93.6	99.9	104.8	106.4	119.0	60.2	61.5	64.1	65.0	66.2	66.7	69.5
Male	46.0	50.3	54.5	56.5	58.3	59.0	63.3	80.0	78.7	78.2	77.0	76.9	77.1	76.6
Female	27.5	32.5	39.1	43.5	46.4	47.4	55.7	42.6	45.9	51.2	54.1	56.4	57.2	62.9
Black <sup>2</sup>	9.2	9.3	10.9	12.4	13.2	13.5	16.5	61.8	58.8	61.0	62.9	63.8	64.2	66.5
Male	5.2	5.0	5.6	6.2	6.6	6.7	8.0	76.5	71.0	70.6	70.8	71.0	71.0	71.4
Female	4.0	4.2	5.3	6.1	6.6	6.8	8.5	49.5	48.9	53.2	56.5	58.0	58.7	62.5
Hispanic <sup>3</sup>	(NA)	(NA)	6.1	7.7	9.0	9.3	14.3	(NA)	(NA)	64.0	64.6	67.4	67.6	69.9
Male	(NA)	(NA)	3.8	4.7	5.4	5.6	8.3	(NA)	(NA)	81.4	80.3	81.9	82.0	80.3
Female	(NA)	(NA)	2.3	3.0	3.6	3.7	6.0	(NA)	(NA)	47.4	49.3	53.2	53.5	59.4
Male	51.2	56.3	61.5	64.4	66.9	67.8	74.3	79.7	77.9	77.4	76.3	76.2	76.4	75.9
16-19 years	4.0	4.8	5.0	4.1	4.2	4.1	4.4	56.1	59.1	60.5	56.8	56.9	57.9	59.0
16 and 17 years	1.8	2.1	2.1	1.7	1.7	1.8	1.9	47.0	48.6	50.1	45.1	46.1	46.3	48.9
18 and 19 years	2.2	2.7	2.9	2.5	2.4	2.5	2.5	66.7	70.6	71.3	68.9	68.1	69.2	69.7
20-24 years	5.7	7.6	8.6	8.3	7.6	7.5	6.9	83.3	84.5	85.9	85.0	85.0	85.3	86.5
25-34 years	11.3	14.2	17.0	18.8	19.7	19.9	16.6	96.4	95.2	95.2	94.7	94.3	94.4	94.1
35-44 years	10.5	10.4	11.8	14.5	16.1	16.6	20.2	96.9	95.6	95.5	95.0	94.5	94.5	94.3
45-54 years	10.4	10.4	9.9	9.9	10.6	10.9	16.4	94.3	92.1	91.2	91.0	90.9	91.1	90.5
55-64 years	7.1	7.0	7.2	7.1	6.8	6.8	7.8	83.0	75.6	72.1	67.9	67.0	67.2	68.1
65 years and over	2.2	1.9	1.9	1.8	2.0	2.0	2.0	26.8	21.6	19.0	15.8	16.5	16.6	14.7
Female	31.5	37.5	45.5	51.1	54.7	56.0	66.8	43.3	46.3	51.5	54.5	56.6	57.4	62.6
16-19 years	3.2	4.1	4.4	3.8	3.9	3.8	4.4	44.0	49.1	52.9	52.1	53.6	53.9	59.5
16 and 17 years	1.3	1.7	1.8	1.5	1.6	1.5	1.8	34.9	40.2	43.6	42.1	44.0	44.5	49.8
18 and 19 years	1.9	2.4	2.6	2.3	2.3	2.3	2.6	53.5	58.1	61.9	61.7	62.9	62.5	69.0
20-24 years	4.9	6.2	7.3	7.4	6.9	6.7	6.7	57.7	64.1	68.9	71.8	72.7	72.4	77.9
25-34 years	5.7	8.7	12.3	14.7	15.8	16.0	15.1	45.0	54.9	65.0	70.9	72.7	73.5	82.4
35-44 years	6.0	6.5	8.6	11.6	13.4	14.0	18.6	51.1	55.8	65.5	71.8	75.2	76.0	84.9
45-54 years	6.5	6.7	7.0	7.5	8.5	9.0	14.4	54.4	54.6	59.6	64.4	69.0	70.5	76.5
55-64 years	4.2	4.3	4.7	4.9	5.0	5.1	6.1	43.0	40.9	41.3	42.0	43.5	45.0	49.0
65 years and over	1.1	1.0	1.2	1.2	1.3	1.4	1.4	9.7	8.2	8.1	7.3	7.9	8.4	7.6

NA Not available. <sup>1</sup> Beginning 1975, includes other races not shown separately. <sup>2</sup> For 1970, Black and other. <sup>3</sup> Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly; *Monthly Labor Review*, November 1989; and unpublished data.

**No. 633. Hispanic Persons—Civilian Labor Force Participation: 1988 and 1989**  
 [For civilian noninstitutional population, 16 years old and over. Annual averages of monthly figures. Based on Current Population Survey; see text, section 1 and Appendix III]

ITEM	1988					1989				
	Total	Mex-ican	Puerto Rican	Cuban	Other His-panic origin <sup>1</sup>	Total	Mex-ican	Puerto Rican	Cuban	Other His-panic origin <sup>1</sup>
Total (1,000).....	13,325	8,013	1,599	849	2,864	13,791	8,295	1,545	886	3,065
Percent in labor force: Male.....	81.9	84.2	72.8	78.9	80.4	82.0	83.3	75.9	77.4	82.3
Female.....	53.2	53.9	41.4	54.9	57.8	53.5	54.4	42.9	50.5	58.0
Employed (1,000).....	8,250	5,066	807	537	1,840	8,573	5,247	803	531	1,992
Percent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional.....	13.2	10.2	15.6	24.2	16.9	13.1	10.5	15.4	23.7	16.3
Tech., sales, and admin. support.....	25.0	22.1	28.7	34.6	28.6	24.0	21.5	29.9	33.5	25.7
Services.....	18.9	19.2	17.7	11.2	21.0	19.6	19.3	18.1	13.6	22.7
Precision production, craft, and repair.....	13.5	14.3	13.6	11.7	11.9	13.7	14.4	14.2	11.5	12.3
Operators, fabricators and laborers.....	23.9	26.2	23.6	17.7	19.7	24.0	26.3	21.2	16.8	21.0
Farming, forestry, and fishing.....	5.4	8.0	0.7	0.6	1.8	5.5	8.0	1.2	0.9	2.0
Percent unemployed: Male.....	8.1	8.7	9.0	4.8	6.5	7.6	7.9	9.9	5.3	6.1
Female.....	8.3	9.6	8.1	5.2	6.1	8.8	9.6	9.3	6.0	7.2

<sup>1</sup> Includes Central or South American and other Hispanic origin.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

**No. 634. Civilian Labor Force and Participation Rates, by Educational Attainment, Sex, and Race: 1970 to 1989**

[As of March. For civilian noninstitutional population 25 to 64 years of age. See headnote, table 632]

ITEM	CIVILIAN LABOR FORCE					PARTICIPATION RATE <sup>1</sup>				
	Total (1,000)	Percent distribution				Total	Less than high school	High school graduate	College	
		Less than high school	High School graduate	College					1-3 years	4 years or more
				1-3 years	4 years or more					
Total: <sup>2</sup> 1970	61,765	36.1	38.1	11.8	14.1	70.3	65.5	70.2	73.8	82.3
1975	67,774	27.5	39.7	14.4	18.3	70.5	61.6	70.5	75.7	84.5
1980	78,010	20.6	39.8	17.6	22.0	73.9	60.7	74.2	79.5	86.1
1985	88,424	15.9	40.2	19.0	24.9	76.2	59.9	75.9	81.6	87.7
1986	90,500	15.5	40.2	19.5	24.8	76.4	60.4	76.0	81.2	87.6
1987	92,966	14.9	40.2	19.7	25.3	77.2	60.9	76.6	81.9	88.1
1988	94,870	14.7	39.9	19.7	25.7	77.5	60.8	76.9	82.5	88.4
1989	97,318	14.0	39.6	20.0	26.4	78.2	60.5	77.9	83.3	88.4
Male: 1970	39,303	37.5	34.5	12.2	15.7	93.5	89.3	96.3	95.8	96.1
1975	41,628	28.9	36.1	14.8	20.2	90.3	82.6	93.2	93.3	95.7
1980	45,417	22.2	35.7	17.7	24.3	89.4	78.8	91.9	92.4	95.3
1985	49,647	17.7	36.9	18.3	27.1	88.6	72.2	90.0	91.2	94.6
1986	50,733	17.2	37.0	18.9	26.9	88.4	75.9	89.8	91.0	94.4
1987	51,860	16.8	37.1	18.9	27.2	88.8	77.2	89.6	91.9	94.2
1988	52,616	16.5	37.3	18.5	27.8	88.6	76.4	89.5	91.3	94.4
1989	53,668	15.7	36.9	19.2	28.2	88.8	75.9	89.6	91.8	94.5
Female: 1970	22,462	33.5	44.3	10.9	11.2	49.0	43.0	51.3	50.9	60.9
1975	26,146	26.5	45.5	13.9	14.1	52.3	44.1	53.9	57.3	62.7
1980	32,593	18.4	45.4	17.4	18.7	59.5	43.7	61.2	66.4	73.4
1985	38,779	13.7	44.4	19.9	22.0	64.7	44.3	65.0	72.5	78.6
1986	39,767	13.2	44.3	20.3	22.2	65.1	45.1	65.3	71.9	78.8
1987	41,105	12.5	44.0	20.7	22.8	66.2	44.9	66.4	72.7	80.3
1988	42,254	12.4	43.3	21.2	23.1	67.1	45.4	66.9	74.7	80.8
1989	43,650	11.9	42.9	20.9	24.3	68.3	45.5	68.5	75.4	81.1
White: 1970	55,044	33.7	39.3	12.2	14.8	70.1	65.2	69.7	73.3	81.9
1975	60,026	25.7	40.6	14.7	19.0	70.7	61.9	70.1	75.3	84.5
1980	68,509	19.1	40.2	17.7	22.9	74.2	61.4	73.7	79.2	86.0
1985	76,739	14.7	40.7	19.1	25.6	76.6	60.7	75.8	81.1	87.7
1986	78,225	14.5	40.4	19.5	25.6	76.7	61.2	75.7	80.8	87.6
1987	80,205	13.9	40.4	19.6	26.1	77.5	61.6	76.6	81.6	88.2
1988	81,886	13.8	40.1	19.7	26.4	78.1	62.2	76.9	82.2	88.6
1989	83,694	13.0	39.7	20.0	27.2	78.7	61.6	77.8	83.2	88.5
Black: 1970	6,721	55.5	28.2	8.0	8.3	72.0	67.1	76.8	81.0	87.4
1975	7,586	41.9	33.1	12.4	12.6	69.8	60.9	75.1	79.7	85.1
1980	7,731	34.7	38.1	16.3	11.0	71.5	58.1	79.2	82.0	90.1
1985	9,157	26.2	39.5	19.2	15.0	73.4	57.0	77.2	85.6	89.9
1986	9,569	23.9	41.1	20.1	14.8	74.7	57.7	78.4	84.8	91.7
1987	9,797	23.6	42.4	19.9	14.1	74.7	58.8	77.6	84.5	90.4
1988	9,985	22.6	43.0	19.2	15.2	74.3	56.2	77.9	85.8	90.6
1989	10,358	21.7	42.3	20.5	15.6	74.9	56.7	78.9	83.9	90.4

<sup>1</sup> Percent of the civilian population in each group in the civilian labor force. <sup>2</sup> Includes other races, not shown separately. For 1970, White and Black races only.

Source: U.S. Bureau of Labor Statistics, Bulletin 2307, and unpublished data.

# **No. 635. Employment Status of the Civilian Noninstitutional Population 16 Years Old and Over by Sex, Race, and Hispanic Origin: 1960 to 1990**

(In thousands, except as indicated. Annual averages of monthly figures. Based on Current Population Survey; see text, section 1, and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series D 11-19 and D 85-86)

YEAR, SEX, RACE, AND HISPANIC ORIGIN	Civilian noninsti- tutional popula- tion	CIVILIAN LABOR FORCE						NOT IN LABOR FORCE	
		Total	Percent of popu- lation	Employed	Employ- ment/ popula- tion ratio <sup>1</sup>	Unemployed		Number	Percent of labor force
						Number	Percent of popu- lation		
<b>Total:</b> <sup>2</sup>									
1960	117,245	69,628	59.4	65,778	56.1	3,852	5.5	47,617	40.6
1970	137,085	82,771	60.4	78,678	57.4	4,093	4.9	54,315	39.6
1980	167,745	106,940	63.8	98,303	59.2	7,637	7.1	60,806	36.2
1985	178,206	115,461	64.8	107,150	60.1	8,312	7.2	62,744	35.2
1986	180,587	117,834	65.3	109,597	60.7	8,237	7.0	62,752	34.7
1987	182,753	119,865	65.6	112,440	61.5	7,425	6.2	62,888	34.4
1988	184,613	121,669	65.9	114,968	62.3	6,701	5.5	62,944	34.1
1989	186,393	123,869	66.5	117,342	63.0	6,528	5.3	62,523	33.5
1990	188,049	124,787	66.4	117,914	62.7	6,874	5.5	63,262	33.6
<b>Male:</b>									
1960	55,662	46,388	83.3	43,904	78.9	2,486	5.0	9,274	16.7
1970	64,304	51,228	79.7	48,990	76.2	2,238	4.4	13,076	20.3
1980	79,398	61,453	77.4	57,186	72.0	4,267	6.9	17,945	22.7
1985	84,469	64,411	76.3	59,891	70.9	4,521	7.0	20,058	23.7
1986	85,798	65,422	76.3	60,892	71.0	4,530	6.9	20,376	23.7
1987	86,899	66,207	76.2	62,107	71.5	4,101	6.2	20,692	23.8
1988	87,857	66,927	76.2	63,273	72.0	3,655	5.5	20,930	23.8
1989	88,762	67,840	76.4	64,315	72.5	3,525	5.5	20,823	23.6
1990	89,650	68,234	76.1	64,435	71.9	3,799	5.6	21,417	23.9
<b>Female:</b>									
1960	61,582	23,240	37.7	21,874	35.5	1,366	5.9	38,343	62.3
1970	72,782	31,543	43.3	29,688	40.8	1,855	5.9	41,239	56.7
1980	88,348	45,487	51.5	42,117	47.7	3,370	7.4	42,861	48.5
1985	93,736	51,050	54.5	47,259	50.4	3,791	7.4	42,686	45.5
1986	94,789	52,413	55.3	48,706	51.4	3,707	7.1	42,376	44.7
1987	95,853	53,658	56.0	50,334	52.5	3,324	6.2	42,195	44.0
1988	96,756	54,742	56.6	51,696	53.4	3,046	5.6	42,014	43.4
1989	97,630	56,030	57.4	53,027	54.3	3,003	5.4	41,601	42.6
1990	98,399	56,554	57.5	53,479	54.3	3,075	5.4	41,845	42.5
<b>White:</b>									
1960	105,282	61,915	58.8	58,850	55.9	3,065	5.0	43,367	41.1
1970	122,174	73,556	60.2	70,217	57.5	3,339	4.5	48,618	39.8
1980	146,122	83,600	64.1	87,715	60.0	5,884	6.3	52,522	35.9
1985	153,679	99,926	65.0	95,736	61.0	6,191	6.2	53,753	35.0
1986	155,432	101,801	65.5	95,660	61.5	6,140	6.0	53,631	34.5
1987	156,958	103,290	65.8	97,789	62.3	5,501	5.3	53,669	34.2
1988	158,194	104,756	66.2	99,812	63.1	4,944	4.7	53,439	33.8
1989	159,338	106,355	66.7	101,584	63.8	4,770	4.5	52,983	33.3
1990	160,415	107,177	66.8	102,087	63.6	5,091	4.7	53,237	33.2
<b>Black:</b>									
1973	14,917	8,976	60.2	8,128	54.5	846	9.4	5,941	39.8
1980	17,824	10,865	61.0	9,313	52.2	1,553	14.3	6,959	39.0
1985	19,664	12,364	62.9	10,501	53.4	1,864	15.1	7,299	37.1
1986	19,989	12,654	63.3	10,814	54.1	1,840	14.5	7,335	36.7
1987	20,352	12,993	63.8	11,309	55.6	1,884	13.0	7,359	36.2
1988	20,692	13,205	63.8	11,658	56.3	1,547	11.7	7,487	36.2
1989	21,021	13,497	64.2	11,953	56.9	1,544	11.4	7,524	35.8
1990	21,300	13,493	63.3	11,966	56.2	1,527	11.3	7,808	36.7
<b>Hispanic:</b> <sup>3</sup>									
1980	9,598	6,146	64.0	5,527	57.6	620	10.1	3,452	36.0
1985	11,915	7,698	64.6	6,888	57.8	811	10.5	4,217	35.4
1986	12,344	8,076	65.4	7,219	58.5	857	10.6	4,268	34.6
1987	12,867	8,541	66.4	7,790	60.5	751	8.8	4,327	33.6
1988	13,325	8,982	67.4	8,250	61.9	732	8.2	4,342	32.6
1989	13,791	9,323	67.6	8,573	62.2	750	8.0	4,468	32.4
1990	14,297	9,576	67.0	8,808	61.6	769	8.0	4,721	33.0
<b>Mexican:</b>									
1986	7,377	4,941	67.0	4,387	59.5	555	11.2	2,436	33.0
1988	8,013	5,572	69.5	5,066	63.2	506	9.1	2,441	30.5
1989	8,295	5,740	69.2	5,247	63.3	493	8.6	2,555	30.8
1990	8,742	5,970	68.3	5,478	62.7	492	8.2	2,773	31.7
<b>Puerto Rican:</b>									
1986	1,494	804	53.8	691	46.3	113	14.0	690	46.2
1988	1,599	883	55.2	807	50.5	76	8.6	716	44.8
1989	1,545	889	57.5	803	52.0	86	9.6	656	42.5
1990	1,546	859	55.6	780	50.5	79	9.1	687	44.4
<b>Cuban:</b>									
1986	842	570	67.7	533	63.3	36	6.4	272	32.3
1988	849	565	66.5	537	63.3	28	5.0	284	33.5
1989	886	562	63.5	531	59.9	31	5.6	324	36.6
1990	847	552	65.1	512	60.4	40	7.2	295	34.8

<sup>1</sup> Civilian employed as a percent of the civilian noninstitutional population. <sup>2</sup> Includes other races, not shown separately.

<sup>3</sup> Persons of Hispanic origin may be of any race. Includes persons of other Hispanic origin, not shown separately.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

## No. 636. Characteristics of the Civilian Labor Force, by State: 1989

[In thousands, except ratio and rate. For civilian noninstitutional population, 16 years old and over. Annual averages of monthly figures. Because of separate processing and weighting procedures, the totals for the United States differ from results obtained by aggregating totals for regions and States]

REGION, DIVISION AND STATE	TOTAL		EMPLOYED		Em- ployed/ popula- tion ratio <sup>1</sup>	UNEMPLOYED					PARTICIPA- TION RATE <sup>3</sup>	
	Num- ber	Fe- male	Total	Fe- male		Total		Rate <sup>2</sup>			Male	Female
						Num- ber	Fe- male	Total	Male	Fe- male		
<b>United States . . .</b>	<b>123,869</b>	<b>56,030</b>	<b>117,342</b>	<b>53,027</b>	<b>63.0</b>	<b>6,528</b>	<b>3,003</b>	<b>5.3</b>	<b>5.2</b>	<b>5.4</b>	<b>76.4</b>	<b>57.4</b>
<b>Northeast . . . . .</b>	<b>25,528</b>	<b>11,589</b>	<b>24,387</b>	<b>11,085</b>	<b>62.0</b>	<b>1,141</b>	<b>483</b>	<b>4.5</b>	<b>4.7</b>	<b>4.2</b>	<b>75.7</b>	<b>55.5</b>
<b>New England . . . . .</b>	<b>7,001</b>	<b>3,240</b>	<b>6,730</b>	<b>3,125</b>	<b>66.6</b>	<b>271</b>	<b>115</b>	<b>3.9</b>	<b>4.1</b>	<b>3.6</b>	<b>78.7</b>	<b>60.9</b>
Maine . . . . .	616	284	590	273	63.6	25	12	4.1	4.2	4.1	75.5	58.1
New Hampshire . . . . .	611	273	589	262	70.3	21	10	3.5	3.3	3.8	82.7	63.6
Vermont . . . . .	307	142	296	137	68.8	11	6	3.7	3.4	4.1	80.0	63.7
Massachusetts . . . . .	3,180	1,499	3,053	1,445	66.1	127	54	4.0	4.3	3.6	77.7	61.0
Rhode Island . . . . .	525	236	504	226	65.5	21	10	4.1	4.1	4.1	77.9	59.2
Connecticut . . . . .	1,761	807	1,697	782	67.5	64	24	3.7	4.2	3.0	80.4	60.8
<b>Middle Atlantic . . . . .</b>	<b>18,527</b>	<b>8,328</b>	<b>17,657</b>	<b>7,960</b>	<b>60.5</b>	<b>870</b>	<b>368</b>	<b>4.7</b>	<b>4.9</b>	<b>4.4</b>	<b>74.6</b>	<b>53.6</b>
New York . . . . .	8,681	3,918	8,238	3,730	59.7	442	187	5.1	5.4	4.8	74.6	52.8
New Jersey . . . . .	3,989	1,796	3,826	1,726	63.4	163	70	4.1	4.3	3.9	76.4	56.8
Pennsylvania . . . . .	5,857	2,615	5,592	2,504	59.7	264	111	4.5	4.7	4.2	73.4	52.8
<b>Midwest . . . . .</b>	<b>30,775</b>	<b>13,953</b>	<b>29,123</b>	<b>13,208</b>	<b>64.2</b>	<b>1,651</b>	<b>745</b>	<b>5.4</b>	<b>5.4</b>	<b>5.3</b>	<b>77.6</b>	<b>59.0</b>
<b>East North Central . . . . .</b>	<b>21,516</b>	<b>9,718</b>	<b>20,280</b>	<b>9,165</b>	<b>63.4</b>	<b>1,236</b>	<b>553</b>	<b>5.7</b>	<b>5.8</b>	<b>5.7</b>	<b>77.1</b>	<b>58.3</b>
Ohio . . . . .	5,419	2,459	5,118	2,327	62.0	300	132	5.5	5.7	5.4	75.2	56.8
Indiana . . . . .	2,881	1,320	2,744	1,253	65.1	136	67	4.7	4.5	5.1	78.1	59.5
Illinois . . . . .	6,015	2,701	5,656	2,544	64.0	359	157	6.0	6.1	5.8	78.7	58.5
Michigan . . . . .	4,592	2,042	4,267	1,899	61.1	326	143	7.1	7.2	7.0	75.6	56.5
Wisconsin . . . . .	2,611	1,197	2,497	1,144	68.1	114	53	4.4	4.3	4.4	79.8	63.1
<b>West North Central . . . . .</b>	<b>9,259</b>	<b>4,235</b>	<b>8,843</b>	<b>4,043</b>	<b>66.1</b>	<b>416</b>	<b>192</b>	<b>4.5</b>	<b>4.5</b>	<b>4.5</b>	<b>78.6</b>	<b>60.6</b>
Minnesota . . . . .	2,343	1,048	2,241	1,006	68.6	102	42	4.3	4.6	4.0	81.0	62.7
Iowa . . . . .	1,513	694	1,448	668	67.2	65	26	4.3	4.8	3.7	78.4	62.6
Missouri . . . . .	2,614	1,220	2,471	1,146	63.7	143	74	5.5	5.0	6.1	76.8	58.3
North Dakota . . . . .	331	149	317	143	66.2	14	7	4.3	4.2	4.5	78.1	60.8
South Dakota . . . . .	361	166	346	158	66.7	15	7	4.2	3.9	4.5	78.1	61.7
Nebraska . . . . .	812	378	787	365	65.9	25	12	3.1	2.9	3.3	77.2	59.8
Kansas . . . . .	1,284	579	1,233	556	66.5	52	23	4.0	4.0	4.0	79.3	60.1
<b>South . . . . .</b>	<b>41,749</b>	<b>19,004</b>	<b>39,377</b>	<b>17,840</b>	<b>61.9</b>	<b>2,373</b>	<b>1,164</b>	<b>5.7</b>	<b>5.3</b>	<b>6.1</b>	<b>75.4</b>	<b>56.7</b>
<b>South Atlantic . . . . .</b>	<b>21,589</b>	<b>9,977</b>	<b>20,555</b>	<b>9,449</b>	<b>63.1</b>	<b>1,034</b>	<b>528</b>	<b>4.8</b>	<b>4.4</b>	<b>5.3</b>	<b>75.3</b>	<b>58.1</b>
Delaware . . . . .	362	173	349	167	68.6	13	7	3.5	3.2	3.8	79.4	63.9
Maryland . . . . .	2,523	1,181	2,430	1,135	68.3	93	46	3.7	3.5	3.9	79.7	63.1
District of Columbia . . . . .	315	157	299	149	65.8	16	8	5.0	5.1	4.9	75.3	64.2
Virginia . . . . .	3,145	1,466	3,023	1,398	66.5	123	68	3.9	3.3	4.6	77.9	61.3
West Virginia . . . . .	767	325	701	298	49.0	66	27	8.6	8.8	8.2	65.5	42.9
North Carolina . . . . .	3,391	1,556	3,272	1,497	66.3	119	59	3.5	3.2	3.8	77.7	60.4
South Carolina . . . . .	1,695	777	1,615	736	62.9	80	40	4.7	4.3	5.2	76.6	58.8
Georgia . . . . .	3,195	1,481	3,018	1,385	64.2	177	96	5.5	4.7	6.5	77.0	59.8
Florida . . . . .	6,193	2,860	5,845	2,682	59.1	348	178	5.6	5.1	6.2	71.3	54.9
<b>East South Central . . . . .</b>	<b>7,184</b>	<b>3,258</b>	<b>6,730</b>	<b>3,030</b>	<b>58.4</b>	<b>454</b>	<b>228</b>	<b>6.3</b>	<b>5.8</b>	<b>7.0</b>	<b>73.1</b>	<b>53.0</b>
Kentucky . . . . .	1,742	789	1,634	741	58.4	108	49	6.2	6.2	6.2	73.4	52.7
Tennessee . . . . .	2,368	1,085	2,247	1,025	59.9	121	60	5.1	4.8	5.5	73.2	54.2
Alabama . . . . .	1,907	850	1,773	780	57.7	134	70	7.0	6.1	8.2	73.4	52.0
Mississippi . . . . .	1,166	533	1,076	485	56.8	91	49	7.8	6.6	9.1	71.8	52.7
<b>West South Central . . . . .</b>	<b>12,976</b>	<b>5,769</b>	<b>12,092</b>	<b>5,361</b>	<b>61.9</b>	<b>884</b>	<b>408</b>	<b>6.8</b>	<b>6.6</b>	<b>7.1</b>	<b>77.1</b>	<b>56.6</b>
Arkansas . . . . .	1,135	520	1,053	480	58.8	82	40	7.2	6.9	7.6	71.3	56.0
Louisiana . . . . .	1,900	820	1,749	754	55.4	151	66	7.9	7.8	8.1	72.7	49.1
Oklahoma . . . . .	1,523	692	1,438	654	60.3	85	38	5.6	5.6	5.6	73.0	55.4
Texas . . . . .	8,427	3,740	7,859	3,476	64.3	567	264	6.7	6.5	7.1	79.9	58.9
<b>West . . . . .</b>	<b>25,843</b>	<b>11,510</b>	<b>24,476</b>	<b>10,898</b>	<b>64.2</b>	<b>1,367</b>	<b>612</b>	<b>5.3</b>	<b>5.3</b>	<b>5.3</b>	<b>77.5</b>	<b>58.7</b>
<b>Mountain . . . . .</b>	<b>6,822</b>	<b>2,987</b>	<b>6,258</b>	<b>2,826</b>	<b>63.9</b>	<b>354</b>	<b>161</b>	<b>5.5</b>	<b>5.6</b>	<b>5.4</b>	<b>77.1</b>	<b>58.9</b>
Montana . . . . .	405	182	381	172	63.9	24	10	5.9	6.0	5.7	76.7	59.6
Idaho . . . . .	489	216	464	205	63.9	25	11	5.1	5.1	5.2	76.9	58.2
Wyoming . . . . .	239	105	224	98	65.0	15	6	6.3	6.6	5.9	79.2	60.0
Colorado . . . . .	1,695	800	1,597	750	64.9	98	50	5.8	5.4	6.2	77.7	61.1
New Mexico . . . . .	698	313	651	295	59.4	46	18	6.7	7.4	5.7	73.8	54.4
Arizona . . . . .	1,707	761	1,617	722	61.8	89	39	5.2	5.3	5.1	74.8	56.2
Utah . . . . .	789	347	752	330	67.8	37	17	4.6	4.3	5.0	81.3	61.2
Nevada . . . . .	602	263	572	254	68.0	30	10	5.0	6.1	3.6	80.4	62.7
<b>Pacific . . . . .</b>	<b>19,221</b>	<b>8,523</b>	<b>18,218</b>	<b>8,072</b>	<b>64.3</b>	<b>1,003</b>	<b>450</b>	<b>5.2</b>	<b>5.2</b>	<b>5.3</b>	<b>77.6</b>	<b>58.6</b>
Washington . . . . .	2,451	1,115	2,300	1,042	64.7	151	74	6.2	5.8	6.6	76.9	61.4
Oregon . . . . .	1,475	658	1,391	621	64.4	84	37	5.7	5.8	5.6	77.0	59.9
California . . . . .	14,518	6,380	13,780	6,054	64.2	737	326	5.1	5.1	5.1	77.9	57.9
Alaska . . . . .	253	115	236	109	67.4	17	7	6.7	7.4	5.8	79.9	64.8
Hawaii . . . . .	525	254	511	248	64.7	13	6	2.6	2.6	2.5	74.1	59.9

<sup>1</sup> Civilian employment as a percent of civilian noninstitutional population.

<sup>2</sup> Percent unemployed of the civilian labor force.

<sup>3</sup> Percent of civilian noninstitutional population of each specified group in the civilian labor force.

Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment, 1989*.



**No. 637. Civilian Labor Force Status, by Selected Metropolitan Area: 1989**

[In thousands, except rate. For the civilian noninstitutional population 16 years old and over. Annual averages of monthly figures. Except as noted, data are derived from the Local Area Unemployment Statistics Program. For composition of metropolitan areas, see Appendix III]

METROPOLITAN AREAS RANKED BY LABOR FORCE SIZE, 1989	Em- ployed	UNEMPLOYED		METROPOLITAN AREAS RANKED BY LABOR FORCE SIZE, 1989	Em- ployed	UNEMPLOYED	
		Total	Rate <sup>1</sup>			Total	Rate <sup>1</sup>
<b>U.S. total</b> . . . . .	<b>117,342</b>	<b>6,528</b>	<b>5.3</b>	Denver, CO PMSA . . . . .	824.1	46.7	5.4
Los Angeles-Long Beach, CA PMSA <sup>2</sup> . . . . .	4,034.3	196.8	4.7	Kansas City, MO-Kansas City, KS, MSA . . . . .	808.1	41.5	4.9
New York, NY PMSA . . . . .	3,760.5	214.9	5.4	San Jose, CA PMSA . . . . .	814.5	32.3	3.8
Chicago, IL MSA . . . . .	3,115.5	182.8	5.5	Cincinnati, OH-KY-IN PMSA . . . . .	745.4	34.9	4.5
Philadelphia, PA-NJ PMSA . . . . .	2,335.9	92.4	3.8	Milwaukee, WI PMSA . . . . .	744.2	29.6	3.8
Washington, DC-MD-VA MSA . . . . .	2,156.6	59.5	2.7	Sacramento, CA MSA . . . . .	695.4	36.0	4.9
Detroit, MI PMSA . . . . .	2,039.2	155.0	7.1	Columbus, OH MSA . . . . .	695.6	34.7	4.8
Houston, TX PMSA . . . . .	1,579.2	98.7	5.9	Fort Worth-Arlington, TX PMSA . . . . .	683.3	39.9	5.5
Boston, MA PMSA . . . . .	1,513.7	53.3	3.4	Bergen-Passaic, NJ PMSA . . . . .	683.4	26.6	3.7
Atlanta, GA MSA . . . . .	1,435.2	77.3	5.1	Indianapolis, IN MSA . . . . .	667.7	27.5	3.9
Dallas, TX PMSA . . . . .	1,368.0	79.0	5.5	Portland, OR PMSA . . . . .	644.8	30.2	4.5
Nassau-Suffolk, NY PMSA . . . . .	1,375.8	58.4	4.1	Fort Lauderdale-Hollywood-Pompano Beach, FL PMSA . . . . .	615.8	33.0	5.1
Anaheim-Santa Ana, CA PMSA . . . . .	1,379.0	41.5	2.9	Charlotte-Gastonia-Rock Hill, NC-SC MSA . . . . .	626.3	20.7	3.2
Minneapolis-St. Paul, MN-WI MSA . . . . .	1,345.0	52.5	3.8	Norfolk-Virginia Beach-Newport News, VA MSA . . . . .	591.3	28.7	4.6
St. Louis, MO-IL MSA <sup>3</sup> . . . . .	1,203.4	70.3	5.5	San Antonio, TX MSA . . . . .	570.0	45.0	7.3
Baltimore, MD MSA . . . . .	1,156.6	48.3	4.0	Orlando, FL MSA . . . . .	576.8	30.8	5.1
San Diego, CA MSA . . . . .	1,127.2	46.2	3.9	New Orleans, LA MSA . . . . .	552.6	41.9	7.1
Oakland, CA PMSA . . . . .	1,071.0	46.9	4.2	Middlesex-Somerset-Hunterdon, NJ PMSA . . . . .	552.5	16.4	2.9
Seattle, WA PMSA . . . . .	1,052.1	50.6	4.6	Nashville, TN MSA . . . . .	509.4	20.0	3.8
Phoenix, AZ MSA . . . . .	1,015.3	45.4	4.3	Greensboro-Winston-Salem-High Point, NC MSA . . . . .	504.2	17.1	3.3
Riverside-San Bernadino, CA PMSA . . . . .	960.1	58.5	5.7	Louisville, KY-IN MSA . . . . .	491.1	28.8	5.5
Tampa-St. Petersburg-Clearwater, FL MSA . . . . .	946.4	49.8	5.0	Salt Lake City-Ogden, UT MSA . . . . .	491.3	22.9	4.5
Pittsburgh, PA PMSA . . . . .	936.7	44.8	4.6	Rochester, NY MSA . . . . .	491.9	21.5	4.2
Newark, NJ PMSA . . . . .	917.8	41.0	4.3	Oklahoma City, OK MSA . . . . .	477.6	23.2	4.6
Cleveland, OH PMSA . . . . .	905.7	46.0	4.8				
Miami-Hialeah, FL PMSA . . . . .	884.4	60.2	6.4				
San Francisco, CA PMSA . . . . .	860.0	29.2	3.3				

<sup>1</sup> Percent unemployed of the civilian labor force. <sup>2</sup> Derived from the Current Population Survey. <sup>3</sup> Excludes part of Sullivan City in Crawford County, Missouri.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

**No. 638. Civilian Labor Force—Percent Distribution, by Sex and Age: 1960 to 1990**

[For civilian noninstitutional population 16 years old and over. Annual averages of monthly figures. Based on Current Population Survey; see text, section 1 and Appendix III. See *Historical Statistics, Colonial Times to 1970*, series D 29-41, for similar but not exactly comparable data]

YEAR AND SEX	Civilian labor force (1,000)	PERCENT DISTRIBUTION						
		16-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 yr. and over
<b>Total:</b> 1960 . . . . .	69,628	7.0	9.6	20.7	23.4	21.3	13.5	4.6
1970 . . . . .	82,771	8.8	12.8	20.6	19.9	20.5	13.6	3.9
1975 . . . . .	93,775	9.5	14.7	24.4	18.0	18.2	12.1	3.2
1980 . . . . .	106,940	8.8	14.9	27.3	19.1	15.8	11.2	2.9
1984 . . . . .	113,544	7.0	14.1	28.8	22.0	15.0	10.5	2.6
1985 . . . . .	115,461	6.8	13.6	29.1	22.6	15.0	10.4	2.5
1986 . . . . .	117,834	6.7	13.1	29.4	23.1	15.1	10.1	2.6
1987 . . . . .	119,865	6.7	12.5	29.2	23.7	15.2	9.9	2.6
1988 . . . . .	121,669	6.6	11.9	29.2	24.2	15.7	9.7	2.7
1989 . . . . .	123,869	6.4	11.4	29.0	24.7	16.1	9.6	2.8
1990 . . . . .	124,787	5.9	11.1	28.7	25.5	16.4	9.5	2.8
<b>Male:</b> 1960 . . . . .	45,388	6.0	8.9	22.1	23.6	20.6	13.8	4.9
1970 . . . . .	51,228	7.8	11.2	22.1	20.4	20.3	13.9	4.2
1975 . . . . .	56,299	8.5	13.4	25.2	18.5	18.5	12.5	3.4
1980 . . . . .	61,453	8.1	14.0	27.6	19.3	16.1	11.8	3.7
1984 . . . . .	63,835	6.5	13.5	29.0	22.0	15.3	11.0	2.7
1985 . . . . .	64,411	6.4	12.9	29.2	22.5	15.3	11.0	2.7
1986 . . . . .	65,422	6.3	12.5	29.6	23.0	15.3	10.6	2.8
1987 . . . . .	66,207	6.2	11.8	29.7	23.5	15.4	10.5	2.9
1988 . . . . .	66,927	6.2	11.3	29.5	24.0	15.8	10.2	2.9
1989 . . . . .	67,840	6.1	11.0	29.3	24.5	16.1	10.0	3.0
1990 . . . . .	68,234	5.7	10.7	29.0	25.3	16.4	9.9	3.0
<b>Female:</b> 1960 . . . . .	23,240	8.8	11.1	17.8	22.8	22.7	12.8	3.9
1970 . . . . .	31,543	10.3	15.5	16.1	16.9	20.7	13.2	3.3
1975 . . . . .	37,475	10.8	16.5	23.1	17.4	17.8	11.5	2.8
1980 . . . . .	45,487	9.6	16.1	26.9	19.0	15.4	10.4	2.6
1984 . . . . .	49,709	7.7	15.0	28.6	21.9	14.5	9.9	2.4
1985 . . . . .	51,050	7.4	14.6	28.9	22.7	14.6	9.7	2.3
1986 . . . . .	52,413	7.3	13.9	29.0	23.3	14.8	9.4	2.3
1987 . . . . .	53,658	7.2	13.3	29.0	24.0	15.0	9.2	2.3
1988 . . . . .	54,742	7.1	12.6	28.8	24.4	15.6	9.1	2.4
1989 . . . . .	56,030	6.8	12.0	28.5	25.0	16.1	9.1	2.6
1990 . . . . .	56,554	6.3	11.6	28.3	25.8	16.5	9.0	2.7

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

**No. 639. Civilian Labor Force—Years of School Completed, by Sex and Race: 1989**

(In thousands. Annual averages of monthly figures. For civilian noninstitutional population 25 years and over. Based on Current Population Survey; see text, section 1 and Appendix III)

EMPLOYMENT STATUS, SEX, AND RACE	Population, 25 years and over (1,000)	ELEMENTARY SCHOOL		HIGH SCHOOL		COLLEGE		
		Less than 5 years	5-8 years	1-3 years	4 years	1-3 years	4 years	5 years or more
<b>Total</b> <sup>1</sup>	<b>154,144</b>	<b>3,845</b>	<b>13,914</b>	<b>17,420</b>	<b>59,208</b>	<b>27,384</b>	<b>18,897</b>	<b>13,676</b>
Civilian labor force	101,736	1,119	4,586	8,849	39,934	20,662	15,149	11,437
Employed	97,621	1,042	4,257	8,145	38,171	19,991	14,786	11,229
Unemployed	4,115	77	329	704	1,763	671	363	208
Not in labor force	52,408	2,526	9,327	8,571	19,274	6,722	3,748	2,239
Male, total	72,876	1,862	6,594	7,909	25,774	12,885	9,823	8,030
Civilian labor force	56,246	752	3,020	5,175	20,638	10,905	8,673	7,083
Employed	54,039	704	2,815	4,787	19,722	10,569	8,477	6,965
Unemployed	2,207	48	205	388	916	336	196	118
Not in labor force	16,631	1,110	3,574	2,734	5,135	1,980	1,151	947
Female, total	81,268	1,783	7,320	9,511	33,434	14,500	9,074	5,646
Civilian labor force	45,490	367	1,567	3,674	19,295	9,757	6,476	4,354
Employed	43,582	338	1,442	3,357	18,449	9,422	6,309	4,264
Unemployed	1,908	29	124	317	847	335	167	89
Not in labor force	35,778	1,416	5,753	5,837	14,139	4,742	2,598	1,292
White, total	132,930	2,583	11,564	14,210	51,817	23,783	16,711	12,262
Civilian labor force	87,606	905	3,793	7,111	34,502	17,752	13,289	10,254
Employed	84,554	843	3,542	6,637	33,197	17,259	12,999	10,077
Unemployed	3,052	61	251	474	1,305	493	290	177
Not in labor force	45,324	1,678	7,771	7,099	17,315	6,031	3,421	2,008
Black, total	16,367	770	1,906	2,847	6,045	2,827	1,232	739
Civilian labor force	10,783	145	598	1,528	4,504	2,310	1,083	616
Employed	9,861	132	534	1,317	4,094	2,153	1,034	597
Unemployed	923	13	63	211	410	157	49	19
Not in labor force	5,583	624	1,309	1,319	1,541	517	149	123
Hispanic <sup>2</sup> , total	10,442	1,239	2,376	1,514	2,973	1,357	596	388
Civilian labor force	7,160	613	1,372	981	2,226	1,124	510	335
Employed	6,700	565	1,259	890	2,093	1,078	490	324
Unemployed	460	48	112	91	132	46	19	11
Not in labor force	3,282	626	1,004	533	747	234	86	54

<sup>1</sup> Includes other races, not shown separately. <sup>2</sup> Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of Labor Statistics, unpublished data.

**No. 640. School Enrollment and Labor Force Status of Civilians 16 to 24 Years Old, by Selected Characteristics: 1980 and 1989**

(In thousands, except percent. As of October. Civilian noninstitutional population. Based on Current Population Survey; see text, section 1 and Appendix III)

CHARACTERISTIC	POPULATION		CIVILIAN LABOR FORCE			EMPLOYED		UNEMPLOYED		
	1980	1989	1980, total	1989		1980	1989	1980, total	1989	
				Total	Per- cent <sup>1</sup>				Total	Rate <sup>2</sup>
<b>Total, 16 to 24 years</b> <sup>3</sup>	<b>37,103</b>	<b>31,989</b>	<b>24,918</b>	<b>21,452</b>	<b>67.1</b>	<b>21,454</b>	<b>19,206</b>	<b>3,464</b>	<b>2,246</b>	<b>10.5</b>
Enrolled in school <sup>3</sup>	15,713	15,207	7,454	7,685	50.5	6,433	6,937	1,021	748	9.7
16 to 19 years	11,126	10,370	4,836	4,740	45.7	4,029	4,172	807	568	12.0
20 to 24 years	4,587	4,836	2,618	2,945	60.9	2,404	2,766	214	179	6.1
Male	7,997	7,614	3,825	3,760	49.4	3,259	3,322	566	439	11.7
Female	7,716	7,593	3,629	3,925	51.7	3,174	3,616	455	309	7.9
College level	7,664	7,991	3,996	4,493	56.2	3,832	4,211	364	282	6.3
Full-time	6,396	6,736	2,854	3,353	49.8	2,554	3,117	300	236	7.0
White	13,242	12,443	6,687	6,627	53.3	5,889	6,082	798	545	8.2
Below college	6,566	5,662	3,095	2,698	47.7	2,579	2,354	516	344	12.7
College level	6,678	6,781	3,582	3,929	57.9	3,310	3,728	282	201	5.1
Black	2,028	2,117	595	769	36.3	406	596	189	173	22.5
Below college	1,282	1,250	284	379	30.3	174	275	120	104	27.5
College level	747	867	300	390	45.0	230	321	70	69	17.8
Not enrolled <sup>3</sup>	21,390	16,783	17,464	13,767	82.0	15,021	12,269	2,443	1,498	10.9
White	18,103	13,766	15,121	11,505	83.6	13,318	10,454	1,803	1,051	9.1
Black	2,864	2,550	2,055	1,906	74.7	1,451	1,492	604	414	21.7

<sup>1</sup> Percent of civilian noninstitutional population. <sup>2</sup> Percent of civilian labor force in each category. <sup>3</sup> Includes other races, not shown separately.

Source: U.S. Bureau of Labor Statistics, Bulletin 2192; News, USDL 90-326, June 26, 1990 and unpublished data.

**No. 641. Labor Force Participation Rates, by Marital Status, Sex, and Age: 1960 to 1989**

[Annual averages of monthly figures. See table 636 for definition of participation rate. Based on Current Population Survey; see text, section 1 and Appendix III]

MARITAL STATUS AND YEAR	MALE PARTICIPATION RATE							FEMALE PARTICIPATION RATE						
	Total	16-19 years	20-24 years	25-34 years	35-44 years	45-64 years	65 and over	Total	16-19 years	20-24 years	25-34 years	35-44 years	45-64 years	65 and over
Single:														
1960...	69.8	42.6	80.3	91.5	88.6	80.1	31.2	58.6	30.2	77.2	83.4	82.9	79.8	24.3
1970...	65.5	54.6	73.8	87.9	86.2	75.7	25.2	56.8	44.7	73.0	81.4	78.6	73.0	19.7
1975...	68.6	57.9	77.9	86.7	83.2	69.9	21.0	59.8	49.6	72.5	80.8	78.6	68.3	15.8
1980...	72.6	59.9	81.3	89.2	82.2	66.9	16.8	64.4	53.6	75.2	83.3	76.9	65.6	13.9
1983...	72.5	55.6	80.9	88.4	83.7	66.5	19.2	65.0	51.0	74.8	83.1	79.8	64.2	12.5
1984...	73.2	55.4	81.4	88.7	84.1	66.2	17.4	65.6	52.0	74.6	82.6	80.7	64.9	10.5
1985...	73.8	56.3	81.5	89.4	84.6	65.5	15.6	66.6	52.3	76.3	82.4	80.8	67.9	9.8
1986...	74.2	55.8	82.6	89.4	85.3	63.9	15.5	67.2	53.1	76.9	82.3	80.9	65.7	9.9
1987...	74.2	55.6	82.1	89.7	84.9	63.9	17.1	67.4	53.5	76.9	82.6	81.3	62.8	9.6
1988...	74.7	56.5	82.1	89.6	84.5	62.7	15.8	67.7	53.7	76.5	82.8	81.9	65.7	10.4
1989...	75.5	57.4	82.5	90.0	84.6	64.6	18.2	68.0	54.1	76.4	82.2	81.6	66.3	11.4
Married:														
1960...	89.2	91.5	97.1	98.8	98.6	93.7	36.6	31.9	27.2	31.7	28.8	37.2	36.0	6.7
1970...	86.1	92.3	94.7	98.0	98.1	91.2	29.9	40.5	37.8	47.9	38.8	46.8	44.0	7.3
1975...	83.0	92.9	95.3	97.4	97.1	86.8	23.3	44.3	46.2	57.0	48.4	52.0	43.8	7.0
1980...	81.0	91.3	96.9	97.5	97.2	84.3	20.5	49.8	49.3	61.4	58.8	61.8	46.9	7.3
1983...	79.4	87.8	96.2	97.0	97.0	82.4	18.6	51.8	47.3	63.2	63.1	64.8	47.9	7.3
1984...	79.2	89.3	96.2	97.1	97.1	82.1	17.3	52.8	50.2	64.2	64.3	66.2	48.6	6.8
1985...	78.7	91.0	95.6	97.4	96.8	81.7	16.8	53.8	49.6	65.7	65.8	68.1	49.4	6.6
1986...	78.6	90.2	96.1	97.2	96.6	81.6	17.0	54.9	50.3	65.5	66.8	69.5	50.6	7.2
1987...	78.7	88.5	96.1	97.3	96.6	81.8	17.5	55.9	51.7	67.1	67.7	71.3	51.8	7.2
1988...	78.6	91.1	95.9	97.1	96.7	82.1	17.8	56.7	51.8	66.8	68.1	72.3	53.5	7.6
1989...	78.5	93.7	95.9	97.2	96.8	82.4	17.8	57.8	51.9	65.7	69.0	73.5	55.5	8.1
Other:														
1960...	63.1	(B)	96.9	95.2	94.4	83.2	22.7	41.6	43.5	58.0	63.1	70.0	60.0	11.4
1970...	60.6	(B)	90.4	93.7	91.1	78.5	19.3	40.3	48.6	60.3	64.6	68.8	61.9	10.0
1975...	63.2	(B)	88.8	92.4	89.4	73.4	15.4	40.1	47.6	65.3	68.6	69.2	59.0	8.3
1980...	67.4	(B)	92.6	94.1	91.9	73.3	13.7	43.6	50.0	68.4	76.5	77.1	60.2	8.2
1983...	68.5	(B)	92.4	92.7	92.1	73.3	12.7	44.4	52.8	67.1	76.2	79.5	60.0	7.8
1984...	68.1	(B)	92.6	93.5	92.6	72.3	11.7	44.7	46.2	69.2	76.3	80.9	60.3	7.7
1985...	68.7	(B)	95.1	93.7	91.8	72.8	11.4	45.1	51.9	66.2	76.9	81.6	61.0	7.5
1986...	68.2	(B)	94.3	93.9	91.3	72.4	11.7	45.6	52.8	69.7	77.1	82.6	61.9	7.3
1987...	67.3	(B)	92.2	93.9	90.9	72.5	11.6	45.7	46.9	67.4	77.6	82.7	62.7	7.3
1988...	67.2	(B)	92.5	93.4	90.8	72.5	11.7	46.2	54.2	66.2	77.2	82.1	63.6	7.9
1989...	67.9	(B)	91.1	93.6	90.9	74.2	11.7	47.0	48.2	65.8	78.3	82.2	64.7	8.3

B For 1960, percentage not shown where base is less than 50,000; beginning 1970, 35,000. <sup>1</sup> Spouse present.

<sup>2</sup> Widowed, divorced, and married (spouse absent).

Source: U.S. Bureau of Labor Statistics, Bulletin 2217, and unpublished data.

**No. 642. Marital Status of Women in the Civilian Labor Force: 1960 to 1989**

[Annual averages of monthly figures. For civilian noninstitutional population 16 years old and over. Based on Current Population Survey; see text, section 1 and Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series D 49-62]

YEAR	FEMALE LABOR FORCE (1,000)				PERCENT DISTRIBUTION, FEMALE LABOR FORCE			FEMALE LABOR FORCE AS PERCENT OF FEMALE POPULATION			
	Total	Single	Married <sup>1</sup>	Other <sup>2</sup>	Single	Married <sup>1</sup>	Other <sup>2</sup>	Total	Single	Married <sup>1</sup>	Other <sup>2</sup>
1960...	23,240	5,410	12,893	4,937	23.3	55.5	21.2	37.7	58.6	31.9	41.6
1965...	26,200	5,976	14,829	5,396	22.8	56.6	20.6	39.3	54.5	34.9	40.7
1970...	31,543	7,265	18,475	5,804	23.0	58.6	18.4	43.3	56.8	40.5	40.3
1971...	32,202	7,460	18,764	5,976	23.2	58.3	18.6	43.4	56.4	40.6	40.3
1972...	33,479	7,889	19,352	6,239	23.6	57.8	18.6	43.9	57.5	41.2	40.0
1973...	34,804	8,272	20,172	6,361	23.8	58.0	18.3	44.7	58.6	42.3	39.7
1974...	36,211	8,671	20,869	6,672	23.9	57.6	18.4	45.7	59.5	43.3	40.2
1975...	37,475	9,125	21,484	6,866	24.3	57.3	18.3	46.3	59.8	44.3	40.1
1976...	38,983	9,689	22,139	7,156	24.9	56.8	18.4	47.3	61.0	45.3	40.5
1977...	40,613	10,311	22,776	7,526	25.4	56.1	18.5	48.4	62.1	46.4	41.5
1978...	42,631	11,067	23,539	8,025	26.0	55.2	18.8	50.0	63.7	47.8	42.8
1979...	44,235	11,597	24,378	8,260	26.2	55.1	18.7	50.9	64.6	49.0	43.1
1980...	45,487	11,865	24,980	8,643	26.1	54.9	19.0	51.5	64.4	49.8	43.6
1981...	46,696	12,124	25,428	9,144	26.0	54.5	19.6	52.1	64.5	50.5	44.6
1982...	47,755	12,460	25,971	9,324	26.1	54.4	19.5	52.6	65.1	51.1	44.8
1983...	48,503	12,659	26,468	9,376	26.1	54.6	19.3	52.9	65.0	51.8	44.4
1984...	49,709	12,867	27,199	9,644	25.9	54.7	19.4	53.6	65.6	52.8	44.7
1985...	51,050	13,163	27,894	9,993	25.8	54.6	19.6	54.5	66.6	53.8	45.1
1986...	52,413	13,512	28,623	10,277	25.8	54.6	19.6	55.3	67.2	54.9	45.6
1987...	53,658	13,885	29,381	10,393	25.9	54.8	19.4	56.0	67.4	55.9	46.2
1988...	54,742	14,194	29,921	10,627	25.9	54.7	19.4	56.6	67.7	56.7	46.7
1989...	56,030	14,377	30,548	11,104	25.7	54.5	19.8	57.4	68.0	57.8	47.0

<sup>1</sup> Husband present. <sup>2</sup> Widowed, divorced, or separated.

Source: U.S. Bureau of Labor Statistics, Bulletin 2307, and unpublished data.

### No. 643. Married, Separated, and Divorced Women—Labor Force Status by Presence and Age of Children: 1960 to 1989

[As of March, except as indicated. For 1960, civilian noninstitutional persons 14 years old and over, thereafter 16 years old and over. Based on Current Population Survey; see text, section 1 and Appendix III]

ITEM	TOTAL			NO CHILDREN UNDER 18			CHILDREN 6-17 ONLY			CHILDREN UNDER 6		
	Married <sup>1</sup>	Separated	Divorced	Married <sup>1</sup>	Separated	Divorced	Married <sup>1</sup>	Separated	Divorced	Married <sup>1</sup>	Separated	Divorced
<b>IN LABOR FORCE (mil.)</b>												
1960	12.3	(NA)	(NA)	5.7	(NA)	(NA)	4.1	(NA)	(NA)	2.5	(NA)	(NA)
1970	18.4	1.4	1.9	8.2	0.7	1.1	6.3	0.4	0.6	3.9	0.3	0.3
1980	24.9	1.9	4.4	11.2	0.9	2.3	8.4	0.6	1.6	5.2	0.4	0.5
1983	26.2	1.9	5.2	12.1	0.8	2.8	8.3	0.6	1.8	5.9	0.5	0.6
1984	26.9	2.0	5.5	12.3	0.9	3.0	8.3	0.7	1.9	6.2	0.4	0.6
1985	27.7	2.0	5.9	12.8	1.0	3.3	8.5	0.7	2.0	6.4	0.4	0.6
1986	28.2	2.1	6.2	12.9	1.0	3.5	8.8	0.6	2.0	6.6	0.5	0.7
1987	29.2	2.1	6.1	13.2	1.0	3.4	9.0	0.7	2.0	7.0	0.4	0.7
1988	29.8	2.2	6.2	13.5	1.1	3.7	9.3	0.7	1.9	7.0	0.4	0.6
1989 <sup>2</sup>	30.5	2.2	6.6	14.1	1.0	4.0	9.2	0.7	1.9	7.2	0.5	0.7
<b>PARTICIPATION RATE<sup>3</sup></b>												
1960	30.5	(NA)	(NA)	34.7	(NA)	(NA)	39.0	(NA)	(NA)	18.6	(NA)	(NA)
1970	40.8	52.1	71.5	42.2	52.3	67.7	49.2	60.6	82.4	30.3	45.4	63.3
1980	50.1	59.4	74.5	46.0	58.9	71.4	61.7	66.3	82.3	45.1	52.2	68.3
1983	51.8	58.7	74.6	46.6	55.6	71.7	63.8	68.7	82.2	49.9	53.8	68.7
1984	52.8	60.9	74.3	47.2	59.1	70.5	65.4	70.1	84.1	51.8	53.9	67.7
1985	54.2	61.3	75.0	48.2	60.0	72.1	67.8	70.9	83.4	53.4	53.2	67.5
1986	54.6	62.2	76.0	48.2	60.4	72.1	68.4	70.6	84.7	53.8	57.4	73.8
1987	55.8	61.4	75.4	48.4	57.9	71.9	70.6	72.6	84.5	56.8	55.1	70.5
1988	56.5	60.9	75.7	48.9	60.1	73.0	72.5	69.3	83.9	57.1	53.0	70.1
1989 <sup>2</sup>	57.8	64.3	75.5	50.5	62.3	72.5	73.2	73.5	85.0	58.4	57.4	70.5
<b>EMPLOYMENT (mil.)</b>												
1960	11.6	(NA)	(NA)	5.4	(NA)	(NA)	3.9	(NA)	(NA)	2.3	(NA)	(NA)
1970	17.5	1.3	1.8	7.9	0.7	1.0	6.0	0.4	0.5	3.6	0.3	0.2
1980	23.6	1.7	4.2	10.7	0.8	2.2	8.1	0.6	1.5	4.8	0.4	0.5
1983	24.3	1.5	4.7	11.4	0.7	2.6	7.7	0.5	1.5	5.2	0.3	0.5
1984	25.3	1.7	5.0	11.7	0.8	2.8	7.9	0.6	1.7	5.7	0.3	0.5
1985	26.1	1.8	5.4	12.2	0.9	3.1	8.1	0.6	1.8	5.9	0.3	0.5
1986	26.7	1.9	5.7	12.3	0.9	3.3	8.3	0.5	1.9	6.1	0.4	0.6
1987	27.8	1.9	5.7	12.7	0.9	3.2	8.6	0.6	1.9	6.5	0.3	0.6
1988	28.6	2.0	5.9	13.1	1.0	3.5	8.9	0.6	1.8	6.5	0.3	0.5
1989 <sup>2</sup>	29.4	2.0	6.3	13.7	1.0	3.9	8.9	0.6	1.8	6.8	0.4	0.6
<b>UNEMPLOYMENT RATE<sup>4</sup></b>												
1960	5.4	(NA)	(NA)	4.8	(NA)	(NA)	4.9	(NA)	(NA)	7.8	(NA)	(NA)
1970	4.8	6.8	5.4	3.3	4.2	4.7	4.8	5.9	6.5	7.9	13.3	5.2
1980	5.3	9.9	6.4	4.5	8.3	4.5	4.4	10.6	6.7	8.3	12.3	13.6
1983	7.2	19.1	10.2	5.7	13.8	7.1	6.7	20.0	12.8	10.9	27.6	16.8
1984	5.7	13.9	8.6	4.6	9.0	6.6	5.0	13.1	9.7	8.9	25.0	14.3
1985	5.7	13.7	7.7	4.7	9.0	6.2	5.5	14.6	9.0	8.0	22.9	12.1
1986	5.4	10.8	7.5	4.6	7.2	6.1	4.8	11.7	8.2	7.8	16.5	12.9
1987	4.5	11.8	6.8	3.5	8.1	5.9	4.9	14.8	6.1	5.9	15.7	13.8
1988	3.9	9.1	5.2	2.9	7.0	4.5	3.8	8.7	5.3	6.1	15.0	9.4
1989 <sup>2</sup>	3.7	9.9	5.1	3.1	7.1	4.2	3.6	10.7	5.6	5.3	14.7	9.5

NA Not available. <sup>1</sup> Husband present. <sup>2</sup> Not strictly comparable with data for earlier years. Annual averages of monthly figures. <sup>3</sup> Percent of women in each specific category in the labor force. <sup>4</sup> Unemployed as a percent of civilian labor force in specified group.

Source: U.S. Bureau of Labor Statistics, Bulletin 2307, and unpublished data.

### No. 644. Labor Force Participation Rates for Wives, Husband Present, by Age of Own Youngest Child: 1975 to 1989

[As of March, except as indicated. For civilian noninstitutional population, 16 years old and over. For definition of participation rate, see table 643. Based on Current Population Survey; see text, section 1 and Appendix III]

PRESENCE AND AGE OF CHILD	TOTAL				WHITE				BLACK			
	1975	1980	1985	1989 <sup>1</sup>	1975	1980	1985	1989 <sup>1</sup>	1975	1980	1985	1989 <sup>1</sup>
<b>Wives, total</b>	<b>44.4</b>	<b>50.1</b>	<b>54.2</b>	<b>57.8</b>	<b>43.6</b>	<b>49.3</b>	<b>53.3</b>	<b>57.0</b>	<b>54.1</b>	<b>58.0</b>	<b>63.8</b>	<b>65.5</b>
No children under 18	43.8	46.0	48.2	50.5	43.6	45.6	47.5	50.0	47.6	50.9	55.2	54.7
With children under 18	44.9	54.1	60.8	65.8	43.8	53.1	59.9	65.2	58.4	65.3	71.7	75.4
Under 6, total	36.7	45.1	53.4	58.4	34.7	43.4	52.1	57.5	54.9	62.3	69.6	71.5
Under 3	32.7	41.3	50.5	55.2	30.7	39.8	49.4	54.4	50.1	55.9	66.2	68.8
1 year or under	30.8	39.0	49.4	53.6	29.2	37.7	48.6	53.0	50.0	52.9	63.7	66.4
2 years	37.1	48.1	54.0	59.2	35.1	46.1	52.7	57.9	56.4	71.0	69.9	75.1
3 to 5 years	42.2	51.6	58.4	63.5	40.1	49.5	56.6	62.5	61.2	72.7	73.8	75.6
3 years	41.2	51.5	55.1	62.4	39.0	48.4	52.7	61.6	62.7	73.4	72.3	73.0
4 years	41.2	51.4	59.7	64.4	39.7	49.8	58.4	63.2	64.9	66.4	70.6	78.3
5 years	44.4	52.4	62.1	63.8	43.8	50.4	59.9	62.8	56.3	77.8	79.1	76.0
6 to 13 years	51.8	62.4	68.2	72.6	50.7	61.4	67.7	71.8	65.7	72.4	73.3	81.4
14 to 17 years	53.5	60.4	67.0	74.4	53.4	60.5	66.6	74.5	52.3	58.5	74.4	73.2

<sup>1</sup> Not strictly comparable with data for earlier years. Annual averages of monthly figures.

Source: U.S. Bureau of Labor Statistics, Bulletin 2340, and unpublished data.

**No. 645. Civilian Labor Force—Employment Status by Sex, Race, and Age: 1989**

(For civilian noninstitutional population 16 years old and over. Annual averages of monthly figures. Based on Current Population Survey; see text, section 1 and Appendix III)

AGE AND RACE	CIVILIAN LABOR FORCE		MALE (1,000)			FEMALE (1,000)			PERCENT OF LABOR FORCE				
	Total (1,000)	Percent by age		Total	Em- ployed	Un- em- ployed	Total	Em- ployed	Un- em- ployed	Employed		Unemployed	
		Male	Fe- male							Male	Fe- male	Male	Fe- male
<b>All workers</b> <sup>1</sup>	<b>123,869</b>	<b>100.0</b>	<b>100.0</b>	<b>67,840</b>	<b>64,315</b>	<b>3,525</b>	<b>56,030</b>	<b>53,027</b>	<b>3,003</b>	<b>94.8</b>	<b>94.8</b>	<b>5.2</b>	<b>5.4</b>
16-19 years	7,954	6.1	6.8	4,136	3,477	658	3,818	3,282	536	84.1	86.0	15.9	14.0
20-24 years	14,180	11.0	12.0	7,458	6,799	660	6,721	6,163	558	91.2	91.7	8.8	8.3
25-34 years	35,896	29.3	28.5	19,905	18,952	953	15,990	15,093	897	95.2	94.4	4.8	5.6
35-44 years	30,601	24.5	25.0	16,822	16,002	619	13,980	13,440	540	96.3	96.1	3.7	3.9
45-54 years	19,916	16.1	16.1	10,919	10,569	351	8,997	8,711	286	96.8	96.8	3.2	3.2
55-64 years	11,877	10.0	9.1	6,783	6,548	234	5,095	4,950	144	96.5	97.2	3.5	2.8
65 years and over	3,446	3.0	2.6	2,017	1,968	49	1,429	1,388	41	97.6	97.1	2.4	2.9
<b>White</b>	<b>108,355</b>	<b>100.0</b>	<b>100.0</b>	<b>58,988</b>	<b>56,352</b>	<b>2,636</b>	<b>47,367</b>	<b>45,232</b>	<b>2,135</b>	<b>95.5</b>	<b>95.5</b>	<b>4.5</b>	<b>4.5</b>
16-19 years	6,809	6.0	6.9	3,546	3,060	487	3,262	2,886	376	86.3	88.5	13.7	11.5
20-24 years	11,940	10.7	11.9	6,316	5,839	476	5,625	5,245	380	92.4	93.2	7.5	6.8
25-34 years	30,388	29.0	28.1	17,077	16,383	694	13,311	12,708	603	95.9	95.5	4.1	4.5
35-44 years	26,312	24.6	24.9	14,516	14,046	470	11,796	11,395	401	96.8	96.6	3.2	3.4
45-54 years	17,278	16.3	16.2	9,815	9,335	280	7,663	7,440	223	97.1	97.1	2.9	2.9
55-64 years	10,533	10.3	9.4	6,082	5,891	191	4,451	4,332	120	96.9	97.3	3.1	2.7
65 years and over	3,094	3.1	2.7	1,835	1,787	38	1,259	1,227	32	97.9	97.5	2.1	2.5
<b>Black</b>	<b>13,497</b>	<b>100.0</b>	<b>100.0</b>	<b>8,701</b>	<b>8,928</b>	<b>773</b>	<b>6,796</b>	<b>6,025</b>	<b>772</b>	<b>88.5</b>	<b>88.7</b>	<b>11.5</b>	<b>11.4</b>
16-19 years	925	7.2	6.5	480	327	153	445	298	147	68.1	67.0	31.9	33.0
20-24 years	1,789	13.5	13.0	904	742	162	885	725	160	82.1	81.9	17.9	18.1
25-34 years	4,295	32.2	31.5	2,157	1,931	226	2,138	1,870	267	89.5	87.5	10.5	12.5
35-44 years	3,227	23.0	24.8	1,544	1,415	129	1,683	1,566	118	91.6	93.0	8.4	7.0
45-54 years	1,954	14.1	14.8	945	886	59	1,009	959	50	93.8	95.0	6.2	5.0
55-64 years	1,023	7.9	7.2	530	498	33	493	472	21	94.0	95.7	6.2	4.2
65 years and over	285	2.1	2.1	141	131	10	144	134	9	92.9	93.1	7.4	6.4
<b>Hispanic</b> <sup>2</sup>	<b>9,323</b>	<b>100.0</b>	<b>100.0</b>	<b>5,595</b>	<b>5,172</b>	<b>423</b>	<b>3,728</b>	<b>3,401</b>	<b>327</b>	<b>92.4</b>	<b>91.2</b>	<b>7.6</b>	<b>8.8</b>
16-19 years	680	7.1	7.5	400	319	81	280	229	51	79.8	81.8	20.2	18.2
20-24 years	1,483	16.2	15.4	909	821	88	574	504	70	90.3	87.8	9.7	12.2
25-34 years	3,118	33.9	32.7	1,899	1,787	113	1,219	1,114	105	94.1	91.4	5.9	8.6
35-44 years	2,092	21.8	23.4	1,221	1,152	69	871	816	55	94.3	93.7	5.7	6.3
45-54 years	1,205	12.9	13.0	719	676	43	486	453	33	94.0	93.2	6.0	6.7
55-64 years	625	6.7	6.7	375	350	25	251	239	11	93.3	95.2	6.6	4.5
65 years and over	120	1.3	1.3	71	67	4	49	46	2	94.4	93.9	5.6	4.7

<sup>1</sup> Includes other races not shown separately. <sup>2</sup> Persons of Hispanic origin may be of any race.Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.**No. 646. Employed Civilians and Weekly Hours by Selected Characteristics: 1970 to 1989**

(In thousands except as indicated. For civilian noninstitutional population 16 years old and over. Annual averages of monthly figures. Based on Current Population Survey; see text, section 1 and Appendix III)

AGE, SEX, AND MARITAL STATUS	1970	1980	1983	1984	1985	1986	1987	1988	1989
<b>Total employed</b>	<b>78,678</b>	<b>99,303</b>	<b>100,834</b>	<b>105,005</b>	<b>107,150</b>	<b>109,597</b>	<b>112,440</b>	<b>114,968</b>	<b>117,342</b>
<b>Age:</b>									
16-19 years	6,144	7,710	6,342	6,444	6,434	6,472	6,640	6,805	6,759
20-24 years	9,731	14,087	13,722	14,207	13,980	13,790	13,524	13,244	12,962
25-34 years	16,318	27,204	28,756	30,348	31,208	32,201	33,105	33,574	34,045
35-44 years	15,922	19,523	21,960	23,598	24,732	25,861	27,179	28,269	29,443
45-54 years	16,473	16,234	15,812	16,178	16,509	16,949	17,487	18,447	19,279
55-64 years	10,974	11,586	11,315	11,395	11,474	11,405	11,465	11,433	11,499
65 years and over	3,118	2,960	2,927	2,835	2,919	2,919	3,041	3,197	3,355
<b>Sex:</b>									
Male	48,990	57,186	56,787	59,091	59,891	60,892	62,107	63,273	64,315
Female	29,688	42,117	44,047	45,915	47,259	48,706	50,334	51,696	53,027
<b>Marital status:</b>									
Married, spouse present	55,554	62,536	62,570	64,892	65,584	66,802	68,372	69,228	70,164
Single (never married)	15,039	24,082	24,779	26,143	26,780	27,478	28,355	29,500	30,111
Widowed, divorced, separated	8,087	12,686	13,483	14,170	14,786	15,318	15,713	16,242	17,066
<b>Class of worker:</b>									
Nonagriculture:	75,215	95,938	97,450	101,685	103,971	106,434	109,232	111,800	114,142
Wage and salary worker	69,491	88,525	89,500	93,565	95,871	98,299	100,771	103,021	105,259
Self-employed	5,221	7,000	7,575	7,785	7,811	7,881	8,201	8,519	8,605
Unpaid family workers	502	413	376	335	289	255	260	260	279
Agriculture:	3,463	3,364	3,383	3,321	3,179	3,163	3,208	3,169	3,199
Wage and salary worker	1,154	1,425	1,579	1,555	1,535	1,547	1,632	1,621	1,665
Self-employed	1,810	1,642	1,565	1,553	1,458	1,447	1,423	1,398	1,403
Unpaid family workers	499	297	240	213	185	169	153	150	131
<b>Weekly hours:</b>									
Nonagriculture:									
Wage and salary workers	38.3	38.1	37.9	38.4	38.7	38.8	38.7	39.1	39.3
Self-employed	45.0	41.2	40.0	40.6	41.1	41.2	41.0	41.0	41.1
Unpaid family workers	37.9	34.7	34.8	35.1	35.1	35.5	36.3	36.0	35.1
Agriculture:									
Wage and salary workers	40.0	41.6	40.3	41.1	40.8	40.9	40.6	41.3	41.8
Self-employed	51.0	49.3	47.4	48.1	48.2	48.4	47.8	47.5	47.9
Unpaid family workers	40.0	38.6	38.6	38.9	38.5	39.7	39.9	39.7	39.4

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly; and unpublished data.

**No. 647. Self-Employed Workers, by Selected Characteristics: 1970 to 1989**

[In thousands. For civilian noninstitutional population 16 years old and over. Annual averages of monthly figures. Based on Current Population Survey; see text, section 1, and Appendix III]

ITEM	1970	1975	1980	1984	1985	1986	1987	1988	1989
<b>Total self-employed . . . . .</b>	<b>7,031</b>	<b>7,427</b>	<b>8,642</b>	<b>9,338</b>	<b>9,269</b>	<b>9,328</b>	<b>9,624</b>	<b>9,917</b>	<b>10,008</b>
<b>Industry:</b>									
Agriculture . . . . .	1,810	1,722	1,642	1,553	1,458	1,447	1,423	1,398	1,403
Nonagriculture . . . . .	5,221	5,705	7,000	7,785	7,811	7,881	8,201	8,519	8,605
Mining . . . . .	14	16	28	25	20	26	27	28	26
Construction . . . . .	687	839	1,173	1,235	1,301	1,369	1,384	1,427	1,423
Manufacturing . . . . .	264	273	358	360	347	371	354	394	406
Transportation and public utilities . . . . .	196	223	282	318	315	318	335	345	323
Trade . . . . .	1,667	1,709	1,899	1,920	1,792	1,787	1,841	1,823	1,882
Finance, insurance, and real estate . . . . .	254	335	458	544	558	556	597	624	621
Services . . . . .	2,140	2,310	2,804	3,383	3,477	3,455	3,663	3,878	3,924
<b>Occupation:</b>									
Managerial and professional specialty . . . . .	(NA)	(NA)	(NA)	2,531	2,585	2,554	2,714	2,929	3,059
Technical, sales, and administrative support . . . . .	(NA)	(NA)	(NA)	2,132	2,059	2,092	2,138	2,155	2,195
Service occupations . . . . .	(NA)	(NA)	(NA)	939	980	998	1,058	1,159	1,146
Precision production, craft, and repair . . . . .	(NA)	(NA)	(NA)	1,602	1,611	1,651	1,680	1,674	1,648
Operators, fabricators, and laborers . . . . .	(NA)	(NA)	(NA)	584	568	578	596	604	585
Farming, forestry, and fishing . . . . .	(NA)	(NA)	(NA)	1,551	1,465	1,456	1,438	1,395	1,376

NA Not available.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly, and unpublished data.

**No. 648. Persons With a Job But Not at Work: 1970 to 1989**

[In thousands, except percent. For civilian noninstitutional population 16 years old and over. Annual averages of monthly figures. Based on Current Population Survey; see text, section 1 and Appendix III. See *Historical Statistics, Colonial Times to 1970*, series D 116-126, for related but not comparable data]

REASON FOR NOT WORKING	1970	1975	1980	1983	1984	1985	1986	1987	1988	1989		
										Total	Male	Female
<b>All Industries, number . . . . .</b>	<b>4,645</b>	<b>5,221</b>	<b>5,882</b>	<b>5,563</b>	<b>5,575</b>	<b>5,789</b>	<b>5,741</b>	<b>5,910</b>	<b>5,831</b>	<b>6,170</b>	<b>2,956</b>	<b>3,214</b>
<b>Percent of employed . . . . .</b>	<b>5.9</b>	<b>6.1</b>	<b>5.9</b>	<b>5.5</b>	<b>5.3</b>	<b>5.4</b>	<b>5.2</b>	<b>5.3</b>	<b>5.1</b>	<b>5.3</b>	<b>4.6</b>	<b>6.1</b>
<b>Reason for not working:</b>												
Vacation . . . . .	2,341	2,815	3,320	3,096	3,147	3,338	3,234	3,421	3,236	3,437	1,626	1,811
Illness . . . . .	1,324	1,343	1,425	1,291	1,322	1,308	1,292	1,320	1,364	1,405	711	694
Bad weather . . . . .	128	139	155	124	118	141	128	92	122	133	122	11
Industrial dispute . . . . .	156	95	105	91	40	42	56	34	30	63	48	16
All other . . . . .	696	829	876	962	947	960	1,030	1,043	1,080	1,132	449	682

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly, and unpublished data.

**No. 649. Employed and Unemployed Workers, by Work Schedules, Sex, and Age: 1980 to 1989**

[In thousands. See headnote, table 633]

CHARACTERISTIC	EMPLOYED				CHARACTERISTIC	UNEMPLOYED			
	1980	1985	1988	1989		1980	1985	1988	1989
<b>Total . . . . .</b>	<b>99,303</b>	<b>107,150</b>	<b>114,968</b>	<b>117,342</b>	<b>Total . . . . .</b>	<b>7,636</b>	<b>8,312</b>	<b>6,701</b>	<b>6,528</b>
Full-time . . . . .	82,562	88,535	95,214	97,369	Looking for full-time work . . . . .	6,289	6,793	5,357	5,211
Male . . . . .	51,717	53,862	56,816	57,885	Male . . . . .	3,703	3,925	3,116	2,995
16-19 years old . . . . .	2,017	1,437	1,462	1,499	16-19 years old . . . . .	537	446	338	344
20-24 years old . . . . .	6,533	6,078	5,724	5,631	20-24 years old . . . . .	994	857	590	574
25-54 years old . . . . .	35,644	39,207	42,614	43,765	25-54 years old . . . . .	1,923	2,329	1,956	1,850
55 years and over . . . . .	7,521	7,139	7,017	6,990	55 years and over . . . . .	250	262	233	227
Female . . . . .	30,845	34,672	38,398	39,484	Female . . . . .	2,564	2,868	2,241	2,216
16-19 years old . . . . .	1,456	1,069	1,099	1,075	16-19 years old . . . . .	430	331	254	253
20-24 years old . . . . .	5,098	4,903	4,707	4,536	20-24 years old . . . . .	636	636	454	439
25-54 years old . . . . .	20,395	24,838	28,572	29,746	25-54 years old . . . . .	1,363	1,727	1,419	1,402
55 years and over . . . . .	3,897	3,862	4,018	4,126	55 years and over . . . . .	135	173	114	122
Part-time . . . . .	16,740	18,615	19,754	19,973	Looking for part-time work . . . . .	1,369	1,519	1,343	1,317
Male . . . . .	5,471	6,028	6,457	6,430	Male . . . . .	563	596	539	530
16-19 years old . . . . .	2,068	1,891	2,029	1,979	16-19 years old . . . . .	377	360	330	315
20-24 years old . . . . .	999	1,261	1,195	1,167	20-24 years old . . . . .	81	87	86	86
25-54 years old . . . . .	1,092	1,568	1,748	1,757	25-54 years old . . . . .	54	79	67	73
55 years and over . . . . .	1,314	1,308	1,485	1,526	55 years and over . . . . .	52	70	56	56
Female . . . . .	11,270	12,587	13,298	13,544	Female . . . . .	806	923	805	787
16-19 years old . . . . .	2,169	2,036	2,214	2,207	16-19 years old . . . . .	326	330	305	283
20-24 years old . . . . .	1,456	1,738	1,618	1,627	20-24 years old . . . . .	124	158	130	119
25-54 years old . . . . .	5,827	6,837	7,358	7,498	25-54 years old . . . . .	299	359	310	321
55 years and over . . . . .	1,815	1,976	2,108	2,212	55 years and over . . . . .	57	75	60	64

<sup>1</sup> Full-time workers include employed persons on full-time (35 hours or more per week) schedules and those working part-time (between 1 and 34 hours) for economic reasons who usually work full-time. Part-time workers include employed persons working part-time voluntarily and those working part-time for economic reasons, who usually work part-time. Employed persons with a job but not at work are distributed according to whether they usually work full- or part-time.

Source: U.S. Bureau of Labor Statistics, Bulletin 2307 and *Employment and Earnings*, monthly.

**No. 650. Workers on Flexible Schedules, by Selected Characteristics: 1989**

[In thousands, except percent. As of May. For employed full-time wage and salary workers. Flexitime allows workers to vary the time they begin and end their workday]

CHARACTERISTIC	ALL WORKERS			WITH FLEXIBLE SCHEDULES			PERCENT OF ALL WORKERS		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Total</b> .....	<b>83,433</b>	<b>48,305</b>	<b>35,128</b>	<b>9,928</b>	<b>6,211</b>	<b>3,717</b>	<b>11.9</b>	<b>12.9</b>	<b>10.6</b>
<b>Age:</b> .....									
16-19 years .....	1,904	1,095	808	147	91	56	7.7	8.3	6.9
20-24 years .....	9,493	5,238	4,255	952	540	411	10.0	10.3	9.7
25-34 years .....	27,126	16,050	11,076	3,446	2,180	1,266	12.7	13.6	11.4
35-44 years .....	21,960	12,544	9,417	2,855	1,766	1,089	13.0	14.1	11.6
45-54 years .....	14,298	8,328	5,969	1,607	1,055	552	11.2	12.7	9.2
55-64 years .....	7,602	4,483	3,119	786	489	297	10.3	10.9	9.5
65 years and over .....	1,049	566	483	137	90	47	13.1	15.9	9.7
<b>Race:</b> .....									
White .....	71,171	41,938	29,233	8,869	5,604	3,264	12.5	13.4	11.2
Black .....	9,556	4,878	4,678	777	422	354	8.1	8.7	7.6
Hispanic .....	6,579	4,081	2,499	579	378	201	8.8	9.3	8.0
<b>Marital status:</b> .....									
Single .....	19,878	11,613	8,265	2,387	1,439	947	12.0	12.4	11.5
Married, spouse present .....	50,862	31,628	19,034	6,074	4,189	1,885	12.0	13.2	9.9
Other .....	12,893	5,064	7,829	1,467	582	885	11.4	11.5	11.3
<b>Occupation:</b> .....									
Managerial and professional .....	22,813	12,358	10,455	4,186	2,614	1,573	18.3	21.2	15.0
Technical, sales, administrative .....	24,758	9,191	15,565	3,246	1,694	1,552	13.1	18.4	10.0
Service occupations .....	8,559	4,282	4,277	709	352	357	8.3	8.2	8.3
Precision production, craft, and repair .....	10,967	10,161	806	708	651	57	6.5	6.4	7.1
Operators, fabricators, and laborers .....	14,867	11,020	3,847	833	698	136	5.6	6.3	3.5
Farming, forestry, and fisheries .....	1,472	1,293	180	244	202	42	16.6	15.6	23.3
<b>Industry:</b> .....									
Private sector .....	68,839	41,038	27,801	8,407	5,344	3,064	12.2	13.0	11.0
Goods producing .....	26,257	19,381	6,876	2,320	1,793	528	8.8	9.3	7.7
Service producing .....	42,582	21,657	20,925	6,087	3,551	2,536	14.3	16.4	12.1
Public sector .....	14,598	7,267	7,327	1,521	867	653	10.4	11.9	8.9
Federal government .....	3,105	1,848	1,257	573	323	250	18.5	17.5	19.9
State government .....	3,637	1,857	1,781	469	270	198	12.9	14.5	11.1
Local government .....	7,852	3,562	4,290	480	275	205	6.1	7.7	4.8

<sup>1</sup> Persons of Hispanic origin may be of any race. <sup>2</sup> Includes agriculture, mining, construction, and manufacturing.

Source: U.S. Bureau of Labor Statistics, unpublished data.

**No. 651. Multiple Jobholders—Selected Characteristics: 1989**

[As of May. Multiple jobholders are employed persons who, either 1) had jobs as wage or salary workers with two employers or more; 2) were self-employed and also held a wage and salary job; or 3) were unpaid family workers on their primary jobs but also held wage and salary job. Based on the Current Population Survey, see text, section 1, and Appendix III]

CHARACTERISTIC	EMPLOYED (1,000)			MULTIPLE JOBHOLDERS					
	Total	Male	Female	Number (1,000)			Average weekly hours		Median weekly earnings <sup>1</sup> (dol.)
				Total	Male	Female	All jobs	Sec- ondary job	All jobs
<b>Total</b> .....	<b>117,084</b>	<b>64,256</b>	<b>52,827</b>	<b>7,225</b>	<b>4,115</b>	<b>3,109</b>	<b>52.0</b>	<b>13.8</b>	<b>427</b>
<b>Age:</b> .....									
16-19 years .....	6,474	3,332	3,142	283	151	132	37.3	13.0	168
20-24 years .....	12,914	6,807	6,107	811	412	399	51.3	14.7	354
25-34 years .....	33,966	18,951	15,016	2,212	1,255	957	52.8	13.9	438
35-44 years .....	29,392	15,958	13,434	2,097	1,184	914	52.7	13.4	482
45-54 years .....	19,365	10,629	8,736	1,223	729	494	54.4	14.4	534
55-64 years .....	11,489	6,537	4,952	491	311	181	52.3	13.7	479
65 years and over .....	3,484	2,043	1,441	107	74	33	39.0	11.3	98
<b>Race:</b> .....									
White .....	101,405	56,339	45,066	6,573	3,756	2,817	51.6	13.6	425
Black .....	11,967	5,939	6,028	514	278	236	57.0	17.2	418
Hispanic <sup>2</sup> .....	8,542	5,065	3,477	270	149	120	54.4	15.3	369
<b>Marital status:</b> .....									
Single .....	29,432	16,667	12,765	1,742	905	837	(NA)	(NA)	(NA)
Married, spouse present .....	70,673	40,979	29,694	4,359	2,835	1,524	(NA)	(NA)	(NA)
Other .....	16,979	6,610	10,369	1,124	375	749	(NA)	(NA)	(NA)
<b>Class of worker—primary job:</b> .....									
Agriculture .....	3,342	2,635	706	198	149	49	60.5	16.3	(NA)
Wage and salary worker .....	1,742	1,379	363	92	79	13	52.6	13.4	194
Self-employed .....	1,432	1,194	239	91	67	24	67.1	17.6	(NA)
Unpaid family worker .....	168	63	105	16	4	12	65.6	24.4	(NA)
<b>Nonagriculture:</b> .....	<b>113,742</b>	<b>61,621</b>	<b>52,121</b>	<b>7,026</b>	<b>3,966</b>	<b>3,060</b>	<b>51.8</b>	<b>13.8</b>	<b>(NA)</b>
Wage and salary worker .....	104,894	56,125	48,769	6,675	3,754	2,920	51.9	13.8	447
Self-employed .....	8,530	5,459	3,071	342	212	130	50.7	13.6	(NA)
Unpaid family worker .....	318	37	281	10	-	10	38.3	10.7	(NA)

- Represents or rounds to zero. NA Not available. <sup>1</sup> Data on wage and salary earnings only were collected for the primary job. Data on earnings from all sources were collected for the secondary job. <sup>2</sup> Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*, July 1990, and unpublished data.

### No. 652. Employed Civilians, by Occupation, Sex, Race, and Hispanic Origin: 1983 and 1989

[For civilian noninstitutional population 18 years old and over. Annual average of monthly figures. Based on Current Population Survey; see text, section I and Appendix III. Persons of Hispanic origin may be of any race]

OCCUPATION	1983				1989			
	Total employed (1,000)	Percent of total			Total employed (1,000)	Percent of total		
		Female	Black	Hispanic		Female	Black	Hispanic
<b>Total</b> . . . . .	<b>100,834</b>	<b>43.7</b>	<b>9.3</b>	<b>5.3</b>	<b>117,342</b>	<b>45.2</b>	<b>10.2</b>	<b>7.3</b>
<b>Managerial and professional specialty</b> . . . . .	<b>23,592</b>	<b>40.9</b>	<b>5.6</b>	<b>2.6</b>	<b>30,398</b>	<b>45.2</b>	<b>6.1</b>	<b>3.7</b>
Executive, administrative, and managerial <sup>1</sup> . . . . .	10,772	32.4	4.7	2.8	14,848	39.8	5.7	4.0
Officials and administrators, public . . . . .	417	38.5	8.3	3.8	519	43.9	10.1	3.8
Financial managers . . . . .	357	38.6	3.5	3.1	472	42.7	4.0	3.7
Personnel and labor relations managers . . . . .	106	43.9	4.9	2.6	128	52.6	6.1	3.7
Purchasing managers . . . . .	82	23.6	5.1	1.4	110	25.9	4.7	3.7
Managers, marketing, advertising and public relations . . . . .	396	21.8	2.7	1.7	514	31.0	3.3	2.2
Administrators, education and related fields . . . . .	415	41.4	11.3	2.4	585	53.4	9.9	4.0
Managers, medicine and health . . . . .	91	57.0	5.0	2.0	188	67.6	6.7	3.1
Managers, properties and real estate . . . . .	305	42.8	5.5	5.2	451	43.5	6.7	5.3
Management-related occupations <sup>1</sup> . . . . .	2,966	40.3	5.8	3.5	3,908	50.4	7.1	4.0
Accountants and auditors . . . . .	1,105	38.7	5.5	3.3	1,416	48.6	7.5	3.2
<b>Professional specialty</b> <sup>1</sup> . . . . .	<b>12,820</b>	<b>48.1</b>	<b>6.4</b>	<b>2.5</b>	<b>15,550</b>	<b>50.4</b>	<b>6.6</b>	<b>3.4</b>
Architects . . . . .	103	12.7	1.6	1.5	157	20.6	2.1	5.8
Engineers . . . . .	1,572	5.8	2.7	2.2	1,823	7.6	3.6	2.3
Aerospace engineers . . . . .	80	6.9	1.5	2.1	112	3.7	3.3	1.2
Chemical engineers . . . . .	67	6.1	3.0	1.4	67	15.3	4.6	6.6
Civil engineers . . . . .	211	4.0	1.9	3.2	249	5.4	4.2	3.6
Electrical and electronic . . . . .	450	6.1	3.4	3.1	571	8.5	3.2	2.2
Industrial engineers . . . . .	210	11.0	3.3	2.4	199	11.5	4.9	1.1
Mechanical . . . . .	259	2.8	3.2	1.1	310	4.9	3.2	1.6
Mathematical and computer scientists <sup>1</sup> . . . . .	463	29.6	5.4	2.6	853	35.7	5.7	3.5
Computer systems analysts, scientists . . . . .	276	27.8	6.2	2.7	566	32.4	5.7	3.0
Operations and systems researchers and analysts . . . . .	142	31.3	4.9	2.2	239	41.1	5.8	4.9
<b>Natural scientists</b> <sup>1</sup> . . . . .	<b>357</b>	<b>20.5</b>	<b>2.6</b>	<b>2.1</b>	<b>413</b>	<b>26.9</b>	<b>3.9</b>	<b>2.7</b>
Chemists, except biochemists . . . . .	98	23.3	4.3	1.2	122	27.8	5.9	5.2
Geologists and geodesists . . . . .	65	18.0	1.1	2.6	52	15.4	2.9	0.5
Biological and life scientists . . . . .	55	40.8	2.4	1.8	77	34.6	2.9	2.1
<b>Health diagnosing occupations</b> <sup>1</sup> . . . . .	<b>735</b>	<b>13.3</b>	<b>2.7</b>	<b>3.3</b>	<b>854</b>	<b>16.5</b>	<b>3.2</b>	<b>4.4</b>
Physicians . . . . .	519	15.8	3.2	4.5	548	17.9	3.3	5.4
Dentists . . . . .	126	6.7	2.4	1.0	170	8.6	4.3	2.9
<b>Health assessment and treating occupations</b> . . . . .	<b>1,900</b>	<b>85.8</b>	<b>7.1</b>	<b>2.2</b>	<b>2,242</b>	<b>84.8</b>	<b>7.3</b>	<b>3.1</b>
Registered nurses . . . . .	1,372	95.8	6.7	1.8	1,599	94.2	7.2	3.0
Pharmacists . . . . .	158	26.7	3.8	2.6	174	32.3	4.7	2.2
Dietitians . . . . .	71	90.8	21.0	3.7	83	90.8	17.1	5.3
Therapists <sup>1</sup> . . . . .	247	76.3	7.6	2.7	324	76.3	6.4	3.0
Inhalation therapists . . . . .	69	69.4	6.5	3.7	63	52.5	12.5	2.7
Physical therapists . . . . .	55	77.0	9.7	1.5	90	77.3	4.8	6.1
Speech therapists . . . . .	51	90.5	1.5	-	63	88.6	3.3	0.9
Physicians' assistants . . . . .	51	36.3	7.7	4.4	62	26.6	6.9	6.2
<b>Teachers, college and university</b> . . . . .	<b>606</b>	<b>36.3</b>	<b>4.4</b>	<b>1.8</b>	<b>709</b>	<b>38.7</b>	<b>4.3</b>	<b>2.4</b>
Teachers, except college and university . . . . .	3,365	70.9	9.1	2.7	3,936	73.3	9.2	3.7
Prekindergarten and kindergarten . . . . .	299	98.2	11.8	3.4	431	97.8	10.1	5.3
Elementary school . . . . .	1,350	83.3	11.1	3.1	1,489	84.7	11.0	3.5
Secondary school . . . . .	1,209	51.8	7.2	2.3	1,220	52.6	7.7	3.4
Special education . . . . .	81	82.2	10.2	2.3	257	84.4	11.8	2.2
Counselors, educational and vocational . . . . .	184	53.1	13.9	3.2	214	60.4	12.0	6.2
Librarians, archivists, and curators . . . . .	213	84.4	7.8	1.6	212	83.3	7.3	2.2
Librarians . . . . .	193	87.3	7.9	1.8	188	87.3	7.6	2.3
<b>Social scientists and urban planners</b> <sup>1</sup> . . . . .	<b>261</b>	<b>46.8</b>	<b>7.1</b>	<b>2.1</b>	<b>374</b>	<b>48.6</b>	<b>6.4</b>	<b>2.7</b>
Economists . . . . .	98	37.9	6.3	2.7	122	41.3	4.4	3.5
Psychologists . . . . .	135	57.1	8.6	1.1	210	54.0	7.7	2.5
<b>Social, recreation, and religious workers</b> <sup>1</sup> . . . . .	<b>831</b>	<b>43.1</b>	<b>12.1</b>	<b>3.8</b>	<b>1,043</b>	<b>48.8</b>	<b>12.4</b>	<b>3.6</b>
Social workers . . . . .	407	64.3	18.2	6.3	527	68.1	17.6	4.8
Recreation workers . . . . .	65	71.9	15.7	2.0	101	74.4	9.8	3.3
Clergy . . . . .	293	5.6	4.9	1.4	336	7.8	7.2	1.8
<b>Lawyers and judges</b> . . . . .	<b>651</b>	<b>15.8</b>	<b>2.7</b>	<b>1.0</b>	<b>774</b>	<b>22.3</b>	<b>3.2</b>	<b>3.3</b>
Lawyers . . . . .	612	15.3	2.6	0.9	741	22.2	3.0	3.4
<b>Writers, artists, entertainers, and athletes</b> <sup>1</sup> . . . . .	<b>1,544</b>	<b>42.7</b>	<b>4.8</b>	<b>2.9</b>	<b>1,921</b>	<b>46.0</b>	<b>4.5</b>	<b>3.9</b>
Authors . . . . .	62	46.7	2.1	0.9	82	59.2	1.3	0.4
Technical writers . . . . .	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	65	48.0	2.3	2.8
Designers . . . . .	393	52.7	3.1	2.7	534	51.5	2.8	4.3
Musicians and composers . . . . .	155	28.0	7.9	4.4	170	31.5	7.0	5.3
Actors and directors . . . . .	60	30.8	6.6	3.4	96	34.6	7.2	3.8
Painters, sculptors, craft-artists, and artist printmakers . . . . .	186	47.4	2.1	2.3	229	50.7	2.7	3.8
Photographers . . . . .	113	20.7	4.0	3.4	112	30.3	4.8	7.6
Editors and reporters . . . . .	204	48.4	2.9	2.1	253	49.2	5.6	1.6
Public relations specialists . . . . .	157	50.1	6.2	1.9	159	57.1	5.5	1.3
Announcers . . . . .	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	51	13.8	9.7	3.7
Athletes . . . . .	58	17.6	9.4	1.7	74	19.4	8.7	6.3

See footnotes at end of table.



**No. 652. Employed Civilians, by Occupation, Sex, Race, and Hispanic Origin:  
1983 and 1989—Continued**

[See headnote, page 395]

OCCUPATION	1983				1989			
	Total em- ployed (1,000)	Percent of total			Total em- ployed (1,000)	Percent of total		
		Fe- male	Black	His- panic		Fe- male	Black	His- panic
<b>Technical, sales, and administrative support</b> . . . . .	<b>31,265</b>	<b>64.6</b>	<b>7.6</b>	<b>4.3</b>	<b>36,127</b>	<b>64.9</b>	<b>9.3</b>	<b>5.7</b>
Technicians and related support . . . . .	3,053	48.2	8.2	3.1	3,645	48.2	9.5	4.3
Health technologists and technicians <sup>1</sup> . . . . .	1,111	84.3	12.7	3.1	1,276	82.3	14.6	4.6
Clinical laboratory technologists and technicians . . . . .	255	76.2	10.5	2.9	308	74.4	14.7	4.1
Dental hygienists . . . . .	66	98.6	1.6	—	80	99.2	1.7	0.9
Health record technologists and technicians . . . . .	(2)	(2)	(2)	(2)	72	91.3	15.5	10.8
Radiologic technicians . . . . .	101	71.7	8.6	4.5	124	75.8	10.1	4.3
Licensed practical nurses . . . . .	443	97.0	17.7	3.1	414	96.1	19.0	4.4
Engineering and related technologists and technicians <sup>1</sup> . . . . .	822	18.4	6.1	3.5	937	19.2	7.7	4.4
Electrical and electronic technicians . . . . .	260	12.5	8.2	4.6	326	14.2	7.7	6.1
Drafting occupations . . . . .	273	17.5	5.5	2.3	296	20.7	6.2	4.3
Surveying and mapping technicians . . . . .	(2)	(2)	(2)	(2)	70	11.0	6.3	5.6
Science technicians . . . . .	202	29.1	6.6	2.8	217	29.4	7.5	4.9
Biological technicians . . . . .	52	37.7	2.9	2.0	59	37.3	5.7	7.5
Chemical technicians . . . . .	82	26.9	9.5	3.5	74	21.7	9.2	3.7
Technicians, except health, engineering, and science <sup>1</sup> . . . . .	917	35.3	5.0	2.7	1,216	38.2	5.9	3.8
Airplane pilots and navigators . . . . .	69	2.1	—	1.6	109	3.8	0.2	2.7
Computer programmers . . . . .	443	32.5	4.4	2.1	561	35.2	5.5	3.2
Legal assistants . . . . .	128	74.0	4.3	3.6	210	75.7	7.0	5.0
<b>Sales occupations</b> . . . . .	<b>11,818</b>	<b>47.5</b>	<b>4.7</b>	<b>3.7</b>	<b>14,065</b>	<b>49.3</b>	<b>6.4</b>	<b>5.2</b>
Supervisors and proprietors . . . . .	2,958	28.4	3.6	3.4	3,828	34.8	4.6	5.0
Sales representatives, finance and business services . . . . .	1,853	37.2	2.7	2.2	2,371	43.5	4.6	3.4
Insurance sales . . . . .	551	25.1	3.8	2.5	535	29.4	5.1	2.8
Real estate sales . . . . .	570	48.9	1.3	1.5	772	51.0	3.5	3.4
Securities and financial services sales . . . . .	212	23.6	3.1	1.1	302	29.1	2.9	1.1
Advertising and related sales . . . . .	124	47.9	4.5	3.3	156	54.2	5.2	3.3
Sales representatives, commodities, except retail . . . . .	1,442	15.1	2.1	2.2	1,612	20.4	3.1	3.6
Sales workers, retail and personal services . . . . .	5,511	69.7	6.7	4.8	6,186	67.8	9.2	6.5
Cashiers . . . . .	2,009	84.4	10.1	5.4	2,473	81.8	13.0	7.4
Sales-related occupations . . . . .	54	58.7	2.8	1.3	68	74.6	3.8	1.8
<b>Administrative support, including clerical</b> . . . . .	<b>16,395</b>	<b>79.9</b>	<b>9.6</b>	<b>5.0</b>	<b>18,416</b>	<b>80.0</b>	<b>11.4</b>	<b>6.4</b>
Supervisors . . . . .	676	53.4	9.3	5.0	736	58.2	12.6	6.1
Computer equipment operators . . . . .	805	63.9	12.5	6.0	876	64.3	14.2	6.1
Computer operators . . . . .	597	63.7	12.1	6.0	670	64.2	14.3	6.0
Secretaries, stenographers, and typists . . . . .	4,861	98.2	7.3	4.5	4,788	98.3	8.5	5.0
Secretaries . . . . .	3,881	99.0	5.8	4.0	4,010	99.1	7.3	4.6
Typists . . . . .	906	95.6	13.8	6.4	731	95.0	14.8	7.2
Information clerks . . . . .	1,174	88.8	8.5	5.5	1,451	89.6	10.1	7.4
Receptionists . . . . .	602	96.8	7.5	6.6	815	97.2	7.4	7.7
Records processing occupations, except financial <sup>1</sup> . . . . .	886	82.4	13.9	4.8	851	82.3	14.7	7.5
Order clerks . . . . .	188	78.1	10.6	4.4	199	80.3	14.5	6.2
Personnel clerks, except payroll and time keeping . . . . .	64	91.1	14.9	4.6	77	91.2	20.8	4.8
Library clerks . . . . .	147	81.9	15.4	2.5	144	78.3	10.3	4.5
File clerks . . . . .	287	83.5	16.7	6.1	284	82.2	17.2	10.4
Records clerks . . . . .	157	82.8	11.6	5.6	116	85.0	11.4	8.3
<b>Financial records processing</b> <sup>1</sup> . . . . .	<b>2,457</b>	<b>89.4</b>	<b>4.6</b>	<b>3.7</b>	<b>2,394</b>	<b>91.0</b>	<b>6.3</b>	<b>5.0</b>
Bookkeepers, accounting, and auditing clerks . . . . .	1,970	91.0	4.3	3.3	1,926	91.7	5.1	4.6
Payroll and time keeping clerks . . . . .	192	82.2	5.9	5.0	177	90.5	11.0	6.6
Billing clerks . . . . .	146	88.4	6.2	3.9	159	90.6	9.6	6.8
Cost and rate clerks . . . . .	96	75.6	5.9	5.3	83	77.3	13.6	5.1
Duplicating, mail and other office machine operators . . . . .	68	62.6	16.0	6.1	65	62.6	13.9	9.1
Communications equipment operators . . . . .	256	89.1	17.0	4.4	210	88.6	17.7	6.4
Telephone operators . . . . .	244	90.4	17.0	4.3	201	89.8	17.7	6.4
Mail and message distributing occupations . . . . .	799	31.6	18.1	4.5	952	36.5	20.2	7.8
Postal clerks, except mail carriers . . . . .	248	36.7	26.2	5.2	313	43.7	30.1	6.8
Mail carrier, postal service . . . . .	259	17.1	12.5	2.7	327	26.1	11.2	7.6
Mail clerks, except postal service . . . . .	170	50.0	15.8	5.9	179	50.8	23.5	11.4
Messengers . . . . .	122	26.2	16.7	5.2	133	26.0	14.4	6.0
<b>Material recording, scheduling, and distributing</b> <sup>1 3</sup> . . . . .	<b>1,562</b>	<b>37.5</b>	<b>10.9</b>	<b>6.6</b>	<b>1,745</b>	<b>40.2</b>	<b>12.3</b>	<b>8.4</b>
Dispatchers . . . . .	157	45.7	11.4	4.3	189	51.5	9.6	4.4
Production coordinators . . . . .	182	44.0	6.1	2.2	196	46.4	8.5	6.1
Traffic, shipping, and receiving clerks . . . . .	421	22.6	9.1	11.1	550	27.6	14.2	11.6
Stock and inventory clerks . . . . .	532	38.7	13.3	5.5	561	41.2	13.2	8.2
Weighers, measurers, and checkers . . . . .	79	47.2	16.9	5.8	76	46.6	9.2	6.9
Expeditors . . . . .	112	57.5	8.4	4.3	96	67.5	9.0	9.0
Adjusters and investigators . . . . .	675	69.9	11.1	5.1	1,079	74.0	12.1	6.0
Insurance adjusters, examiners, and investigators . . . . .	199	65.0	11.5	3.3	325	72.0	12.0	4.6
Insurance adjusters, except insurance . . . . .	301	70.1	11.3	4.8	546	75.6	12.3	6.5
Insurance adjusters, except insurance . . . . .	69	88.7	12.9	9.4	72	84.5	11.1	7.8
Insurance adjusters, except insurance . . . . .	106	66.4	8.5	6.5	136	67.0	11.9	6.2
<b>Miscellaneous administrative support</b> <sup>1</sup> . . . . .	<b>2,397</b>	<b>85.2</b>	<b>12.5</b>	<b>5.9</b>	<b>3,269</b>	<b>85.2</b>	<b>14.2</b>	<b>7.2</b>
General office clerks . . . . .	648	80.6	12.7	5.2	810	81.9	12.8	7.1
Bank tellers . . . . .	480	91.0	7.5	4.3	503	91.0	9.9	6.9
Data entry keyers . . . . .	311	93.6	18.6	5.6	414	87.8	20.2	8.5
Statistical clerks . . . . .	96	75.7	7.5	3.4	86	79.7	14.2	4.2
Teachers' aides . . . . .	348	93.7	17.8	12.6	440	95.1	16.0	9.3

See footnotes at end of table.

**No. 652. Employed Civilians, by Occupation, Sex, Race, and Hispanic Origin:  
1983 and 1989—Continued**

[See headnote, page 395]

OCCUPATION	1983				1989			
	Total employed (1,000)	Percent of total			Total employed (1,000)	Percent of total		
		Female	Black	Hispanic		Female	Black	Hispanic
<b>Service occupations</b>	<b>13,857</b>	<b>60.1</b>	<b>16.8</b>	<b>6.8</b>	<b>15,556</b>	<b>60.4</b>	<b>17.6</b>	<b>10.8</b>
Private household	980	96.1	27.8	8.5	872	95.9	25.1	15.8
Child care workers	408	96.9	7.9	3.6	358	97.1	8.7	10.0
Cleaners and servants	512	95.8	42.4	11.8	464	94.9	36.5	19.5
Protective service	1,672	12.8	13.6	4.6	1,960	15.6	16.8	5.8
Supervisors, protective service	127	4.7	7.7	3.1	169	8.3	12.2	2.8
Supervisors, police and detectives	58	4.2	9.3	1.2	83	6.3	6.0	1.7
Firefighting and fire prevention	189	1.0	6.7	4.1	208	3.9	11.7	4.0
Firefighting occupations	170	1.0	7.3	3.8	188	3.5	12.0	4.4
Police and detectives	645	9.4	13.1	4.0	803	12.6	15.1	4.9
Police and detectives, public service	412	5.7	9.5	4.4	461	10.2	13.1	4.7
Sheriffs, bailiffs, and other law enforcement officers	87	13.2	11.5	4.0	112	12.8	7.3	4.5
Correctional institution officers	146	17.8	24.0	2.8	230	17.4	22.8	5.5
Guards	711	20.6	17.0	5.6	781	23.3	20.8	7.8
Guards and police, except public service	602	13.0	18.9	6.2	658	15.9	23.3	8.6
Service except private household and protective	11,205	64.0	16.0	6.9	12,724	64.8	17.2	11.3
Food preparation and service occupations	4,860	63.3	10.5	6.8	5,351	60.3	12.5	12.0
Bartenders	339	48.4	2.7	4.4	322	50.6	3.4	6.1
Waiters and waitresses	1,357	87.8	4.1	3.6	1,389	80.8	4.7	7.6
Cooks, except short order	1,359	50.8	16.0	8.8	1,713	49.4	18.2	14.2
Short-order cooks	93	38.5	12.9	2.4	91	30.9	22.4	9.1
Food counter, fountain, and related occupations	328	76.0	6.7	6.7	354	72.7	10.5	9.6
Kitchen workers, food preparation	138	77.0	13.7	8.1	126	73.1	18.5	11.9
Waiters' and waitresses' assistants	364	38.8	12.6	14.2	352	40.1	14.0	23.0
Health service occupations	1,739	89.2	23.5	4.8	2,042	90.0	26.4	6.5
Dental assistants	154	88.1	6.1	5.7	187	98.9	7.4	9.0
Health aides, except nursing	316	86.8	18.5	4.8	416	84.5	17.7	7.0
Nursing aides, orderlies, and attendants	1,269	88.7	24.4	4.7	1,439	90.4	31.4	6.0
Cleaning and building service occupations	2,736	38.8	24.4	9.2	2,997	42.7	22.9	15.8
Maids and housemen	531	81.2	32.3	10.1	646	83.6	26.7	17.2
Janitors and cleaners	2,031	28.6	22.6	8.9	2,148	31.6	21.8	15.7
Personal service occupations	1,870	79.2	11.1	6.0	2,333	81.8	12.4	7.9
Barbers	92	12.9	8.4	12.1	81	17.1	15.8	9.2
Hairdressers and cosmetologists	622	88.7	7.0	5.7	736	89.3	9.0	7.9
Attendants, amusement and recreation facilities	131	40.2	7.1	4.3	133	47.9	10.0	5.5
Public transportation attendants	63	74.3	11.3	5.9	86	83.0	14.7	3.2
Welfare service aides	77	92.5	24.2	10.5	95	89.8	28.3	8.7
Child care workers, except private household	633	96.8	12.6	5.2	861	96.3	12.4	7.9
<b>Precision production, craft, and repair</b>	<b>12,328</b>	<b>8.1</b>	<b>6.8</b>	<b>6.2</b>	<b>13,818</b>	<b>8.6</b>	<b>7.9</b>	<b>8.5</b>
Mechanics and repairers	4,158	3.0	6.8	5.3	4,550	3.4	7.7	7.4
Mechanics and repairers, except supervisors	3,906	2.8	7.0	5.5	4,265	3.1	7.8	7.7
Vehicle and mobile equipment mechanics/repairers	1,683	0.8	6.9	6.0	1,793	0.8	7.2	9.3
Automobile mechanics	800	0.5	7.8	6.0	880	0.7	8.2	11.6
Aircraft engine mechanics	95	2.5	4.0	7.6	122	2.6	9.2	7.5
Electrical and electronic equipment repairers	674	7.4	7.3	4.5	680	7.7	9.6	6.0
Data processing equipment repairers	98	9.3	6.1	4.5	152	8.6	11.7	4.5
Telephone installers and repairers	247	9.9	7.8	3.7	193	10.8	8.1	4.5
Construction trades	4,289	1.8	6.6	6.0	5,142	2.1	7.2	8.8
Construction trades, except supervisors	3,784	1.9	7.1	6.1	4,479	2.1	7.6	9.2
Carpenters	1,160	1.4	5.0	5.0	1,369	1.2	5.4	8.7
Extractive occupations	196	2.3	3.3	6.0	138	2.6	6.2	7.3
Precision production occupations	3,685	21.5	7.3	7.4	3,988	23.2	9.0	9.4
<b>Operators, fabricators, and laborers</b>	<b>16,091</b>	<b>26.6</b>	<b>14.0</b>	<b>8.3</b>	<b>18,022</b>	<b>26.0</b>	<b>15.1</b>	<b>11.4</b>
Machine operators, assemblers, and inspectors	7,744	42.1	14.0	9.4	8,248	40.9	14.6	13.6
Textile, apparel, and furnishings machine operators	1,414	82.1	18.7	12.5	1,356	78.3	20.7	18.6
Textile sewing machine operators	806	94.0	15.5	14.5	757	90.5	16.3	21.7
Pressing machine operators	141	66.4	27.1	14.2	134	70.2	30.3	21.7
Fabricators, assemblers, and hand working occupations	1,715	33.7	11.3	8.7	2,011	33.5	13.0	12.7
Production inspectors, testers, samplers, and weighers	794	53.8	13.0	7.7	856	52.6	13.4	11.0
Transportation and material moving occupations	4,201	7.8	13.0	5.9	4,886	9.2	14.6	7.6
Motor vehicle operators	2,978	9.2	13.5	6.0	3,602	11.2	14.7	7.8
Trucks, heavy and light	2,195	3.1	12.3	5.7	2,616	3.9	13.6	7.3
Transportation occupations, except motor vehicles	212	2.4	6.7	3.0	177	2.7	8.3	3.8
Material moving equipment operators	1,011	4.8	12.9	6.3	1,107	3.8	15.2	7.5
Industrial truck and tractor operators	369	5.6	19.6	8.2	452	5.6	21.2	10.7
Handlers, equipment cleaners, helpers, and laborers	4,147	16.8	15.1	8.6	4,888	17.9	16.4	11.6
Freight, stock, and material handlers	1,488	15.4	15.3	7.1	1,743	17.3	16.9	8.8
Laborers, except construction	1,024	19.4	16.0	8.6	1,288	20.4	16.3	10.8
<b>Farming, forestry, and fishing</b>	<b>3,700</b>	<b>16.0</b>	<b>7.5</b>	<b>8.2</b>	<b>3,421</b>	<b>16.5</b>	<b>6.1</b>	<b>13.9</b>
Farm operators and managers	1,450	12.1	1.3	0.7	1,269	15.4	0.8	1.7
Other agricultural and related occupations	2,072	19.9	11.7	14.0	1,976	18.1	9.2	22.0
Farm workers	1,149	24.8	11.6	15.9	893	22.9	8.2	26.1
Forestry and logging occupations	126	1.4	12.8	2.1	118	6.2	11.8	11.1
Fishers, hunters, and trappers	53	4.5	1.8	2.5	59	7.0	5.2	7.6

- Represents or rounds to zero. <sup>1</sup> Includes other occupations, not shown separately. <sup>2</sup> Level of total employment below 50,000. <sup>3</sup> Includes clerks.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, January issues.

### No. 653. Civilian Employment in Occupations with the Largest Job Growth and in the Fastest Growing and Fastest Declining Occupations: 1988 and 2000

(In thousands, except percent. For occupations employing 100,000 or more in 1988. Includes wage and salary jobs, self-employed and unpaid family members. Estimates based on the 1985 through 1987 Occupational Employment Statistics Surveys. See source for methodological assumptions. Minus sign (-) indicates decrease.)

OCCUPATION	EMPLOYMENT				PERCENT CHANGE 1988-2000		
	1988	2000 <sup>1</sup>			Low	Moderate	High
		Low	Moderate	High			
<b>Total</b> <sup>2</sup>	<b>118,104</b>	<b>127,118</b>	<b>136,211</b>	<b>144,146</b>	<b>8</b>	<b>15</b>	<b>22</b>
<b>LARGEST JOB GROWTH</b> <sup>3</sup>							
Salepersons, retail	3,834	4,225	4,564	4,785	10	19	25
Registered nurses	1,577	2,069	2,190	2,258	31	39	43
Janitors and cleaners <sup>4</sup>	2,895	3,240	3,450	3,629	12	19	25
Waiters and waitresses	1,786	2,188	2,337	2,415	22	31	35
General managers and top executives	3,030	3,269	3,509	3,710	8	16	22
General office clerks	2,519	2,787	2,974	3,144	11	18	25
Secretaries, except legal and medical	2,903	3,085	3,288	3,484	6	13	20
Nursing aides, orderlies, and attendants	1,184	1,469	1,562	1,606	24	32	36
Truck drivers, light and heavy	2,399	2,572	2,768	2,973	7	15	24
Receptionists and information clerks	833	1,092	1,164	1,216	31	40	46
Cashiers	2,310	2,429	2,614	2,733	5	13	18
Guards	795	983	1,050	1,129	24	32	42
Computer programmers	519	716	769	831	38	46	60
Food counter, fountain, and related workers	1,626	1,747	1,866	1,927	7	15	19
Food preparation workers	1,027	1,183	1,250	1,305	15	23	27
Licensed practical nurses	626	806	855	881	29	37	41
Teachers, secondary school	1,164	1,328	1,388	1,451	14	19	25
Computer systems analysts	403	575	617	666	43	53	65
Accountants and auditors	963	1,099	1,174	1,250	14	22	30
Teachers, kindergarten and elementary	1,359	1,499	1,567	1,638	10	15	21
Maintenance repairers, general utility	1,080	1,199	1,282	1,359	11	19	26
Child care workers	670	790	856	901	18	28	34
Gardeners and groundskeepers, except farm	760	884	943	1,009	16	24	33
Lawyers	582	712	763	806	22	31	38
Electrical and electronics engineers	439	565	615	676	29	40	5
Carpenters	1,081	1,166	1,257	1,344	8	16	24
Food service and lodging managers	560	670	721	755	20	29	35
Home health aides	236	373	397	409	58	68	73
Cooks, restaurant	572	680	728	754	19	27	32
Physicians	535	642	684	707	20	28	32
Teachers aides and educational assistants	682	789	827	861	16	21	26
Clerical supervisors and managers	1,183	1,237	1,319	1,394	5	12	18
Blue collar worker supervisors	1,797	1,788	1,930	2,074	-1	7	15
Electrical and electronic engineering technicians	341	434	471	515	27	38	51
Dining room and cafeteria attendants and bar helpers	448	542	578	597	21	29	33
Financial managers	673	750	802	848	12	19	26
Automotive mechanics	771	833	898	947	8	16	23
Medical secretaries	207	307	327	334	49	58	61
Social workers	385	469	495	512	22	29	33
<b>FASTEST GROWING</b>							
Medical assistants	149	238	253	259	60	70	74
Home health aides	236	373	397	409	58	68	73
Radiologic technologists and technicians	132	206	218	224	57	66	70
Medical secretaries	207	307	327	334	49	58	61
Securities and financial services sales workers	200	289	309	325	45	55	63
Travel agents	142	204	219	235	43	54	66
Computer systems analysts	403	575	617	666	43	53	65
Computer programmers	519	716	769	831	38	48	60
Human services workers	118	161	171	176	37	45	49
Correction officers and jailers	186	251	262	276	35	41	48
Electrical and electronics engineers	439	565	615	676	29	40	54
Receptionists and information clerks	833	1,092	1,164	1,216	31	40	46
<b>FASTEST DECLINING</b>							
Electrical and electronic equipment assemblers, precision	161	81	91	99	-50	-44	-39
Electrical and electronic assemblers	237	119	134	144	-50	-44	-39
Farmers	1,141	800	875	932	-30	-23	-18
Stenographers	159	116	122	130	-27	-23	-18
Telephone and cable TV line installers and repairers	127	94	100	106	-25	-21	-16
Sewing machine operators, garment	620	493	531	565	-21	-14	-9
Crushing and mixing machine operators and tenders	136	107	117	126	-21	-14	-7
Textile draw-out and winding machine operators <sup>5</sup>	227	180	197	215	-21	-13	-5
Machine feeders and offbearers	249	199	218	232	-20	-13	-7
Hand packers and packagers	635	516	560	596	-19	-12	6
Packaging and filling machine operators and tenders	286	232	254	266	-19	11	-7

<sup>1</sup> Based on low, moderate, or high trend assumptions. <sup>2</sup> Includes other occupations, not shown separately. <sup>3</sup> In descending order, based on absolute employment change 1988 to 2000 (moderate growth). <sup>4</sup> Includes maids and housekeepers. <sup>5</sup> Includes tenders.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*, November 1989.

**No. 654. Occupational Tenure, by Occupation: 1987**

[As of January. For civilian noninstitutional population. Data refer to the cumulative number of years a person worked in his or her current occupation, regardless of number of employers. Figures shown here exclude miscellaneous occupations and those not elsewhere classified. Based on Current Population Survey; see text, section 1, and Appendix III]

OCCUPATION	Total employed (1,000)	Median tenure (years)	Median age (years)	OCCUPATION	Total employed (1,000)	Median tenure (years)	Median age (years)
Total, 16 years old and over . . . . .	109,090	6.6	35.8	OCCUPATIONS WITH THE LONGEST TENURE			
OCCUPATIONS WITH 650,000 WORKERS OR MORE				Barbers . . . . .	88	24.8	49.5
Secretaries . . . . .	3,897	7.5	36.1	Farmers, except horticultural . . . . .	1,019	21.1	50.1
Supervisors and proprietors, sales . . . . .	3,539	7.9	38.3	Railroad conductors and yardmasters . . . . .	53	18.4	44.3
Cashiers . . . . .	2,123	2.4	24.4	Clergy . . . . .	347	15.8	44.8
Bookkeepers, accounting and auditing clerks . . . . .	2,110	7.1	38.9	Dentists . . . . .	149	15.7	43.2
Janitors and cleaners . . . . .	2,073	4.2	38.5	Telephone line installers and repairers . . . . .	52	15.0	36.6
Truck drivers, heavy . . . . .	1,740	10.1	38.0	Millwrights . . . . .	101	14.8	43.2
Cooks, except short-order . . . . .	1,596	3.8	29.3	Locomotive operating occupations . . . . .	72	14.8	39.3
Registered nurses . . . . .	1,538	9.3	36.5	Managers, farms, except horticultural . . . . .	132	14.4	39.4
Teachers, elementary schools . . . . .	1,412	12.4	39.0	Telephone installers and repairers . . . . .	235	14.3	38.0
Supervisors; production occupations . . . . .	1,379	10.1	40.6	Airplane pilots and navigators . . . . .	86	14.0	41.6
Sales representatives <sup>1</sup> . . . . .	1,354	8.6	37.6	Supervisors; police and detectives . . . . .	76	13.8	42.1
Accountants and auditors . . . . .	1,317	7.6	35.0	Grader, dozer, and scraper operators . . . . .	75	13.3	41.4
Waiters and waitresses . . . . .	1,303	4.2	25.9	Tailors . . . . .	51	13.3	44.2
Nursing aides, orderlies and attendants . . . . .	1,283	5.6	36.5	Civil engineers . . . . .	237	13.0	38.8
Carpenters . . . . .	1,222	8.0	32.7	OCCUPATIONS WITH THE SHORTEST TENURE			
Teachers, secondary schools . . . . .	1,182	12.5	39.8	Food counter, fountain, and related occupations . . . . .	310	1.5	18.8
Laborers, except construction . . . . .	1,161	3.7	31.3	Waiters' and waitresses' assistants . . . . .	323	1.7	20.3
Assemblers . . . . .	1,033	5.4	34.6	Stock handlers and baggers . . . . .	933	1.9	21.1
Farmers, except horticultural . . . . .	1,019	21.1	50.1	Kitchen workers, food preparation . . . . .	107	2.1	27.2
Stock handlers and baggers . . . . .	933	1.9	21.1	Messengers . . . . .	149	2.3	30.3
Automobile mechanics . . . . .	933	9.3	31.1	Vehicle washers and equipment cleaners . . . . .	232	2.3	26.7
Computer operators . . . . .	859	4.8	31.3	News vendors . . . . .	101	2.3	26.4
Typists . . . . .	829	5.2	32.8	Mail clerks, except postal service . . . . .	181	2.3	29.8
Child-care workers, except private household . . . . .	779	2.7	34.2	Cashiers . . . . .	2,123	2.4	24.4
Receptionists . . . . .	766	3.3	31.4	File clerks . . . . .	289	2.5	28.5
Textile sewing machine operators . . . . .	740	6.6	37.8	Short-order cooks . . . . .	104	2.5	20.9
Real estate sales . . . . .	726	6.0	43.5	Garage and service station related occupations . . . . .	246	2.6	23.8
Hairdressers and cosmetologists . . . . .	723	8.9	35.5	Salesworkers, shoes . . . . .	102	2.6	22.3
Farm workers . . . . .	703	7.3	30.0	Hotel clerks . . . . .	78	2.7	27.7
General office clerks . . . . .	695	4.0	35.1	Child-care workers, except private household . . . . .	779	2.7	34.2
Truck drivers, light . . . . .	674	3.2	30.2				
Electricians . . . . .	656	11.0	36.1				

<sup>1</sup> Mining, manufacturing, and wholesale trade.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*, October 1988.

**No. 655. Occupation of Employed Civilians, by Sex and Educational Attainment: 1989**

[Annual averages of monthly figures. For civilian noninstitutional population 25 years and over. Based on Current Population Survey; see text, section 1 and Appendix III]

YEARS OF SCHOOL COMPLETED	TOTAL <sup>1</sup>		MANAGERIAL/PROFESSIONAL		TECHNICAL/SALES/ADMINISTRATIVE		SERVICE <sup>2</sup>		PRECISION PRODUCTION <sup>3</sup>		OPERATORS/FABRICATORS <sup>4</sup>	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
NUMBER (1,000)												
Total . . . . .	54,039	43,582	15,777	12,587	10,482	18,427	4,219	7,069	10,991	1,054	10,328	3,982
Less than 4 years of high school . . . . .	8,307	5,137	476	260	643	1,084	1,022	2,016	2,268	258	3,074	1,398
4 years of high school only . . . . .	19,722	18,449	2,393	2,426	3,469	9,511	1,793	3,596	5,788	569	5,348	2,126
1 to 3 years of college . . . . .	10,569	9,422	2,748	2,690	2,928	5,075	946	1,080	2,200	156	1,443	353
4 years of college or more . . . . .	15,441	10,574	10,160	7,210	3,443	2,756	459	377	735	71	462	105
PERCENT DISTRIBUTION												
Total . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 4 years of high school . . . . .	15.4	11.8	3.0	2.1	6.1	5.9	24.2	28.5	20.6	24.5	29.8	35.1
4 years of high school only . . . . .	36.5	42.3	15.2	19.3	33.1	51.6	42.5	50.9	52.7	54.0	51.8	53.4
1 to 3 years of college . . . . .	19.6	21.6	17.4	21.4	27.9	27.5	22.4	15.3	20.0	14.8	14.0	8.9
4 years of college or more . . . . .	28.6	24.3	64.4	57.3	32.8	15.0	10.9	5.3	6.7	6.7	4.5	2.6

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

<sup>2</sup> Includes private household workers.

<sup>3</sup> Includes craft and repair.

<sup>4</sup> Includes laborers.

Source: U.S. Bureau of Labor Statistics, unpublished data.

### No. 656. Occupation of Employed Civilians, by Sex, Race, and Educational Attainment: 1989

[In thousands. See headnote, table 655]

SEX, RACE, AND YEARS OF SCHOOL	Total employed	Managerial/professional	Tech./sales/administrative	Service <sup>1</sup>	Precision production <sup>2</sup>	Operators/fabricators <sup>3</sup>	Farming, forestry, fishing
<b>Male, total<sup>4</sup></b>	<b>54,039</b>	<b>15,777</b>	<b>10,482</b>	<b>4,219</b>	<b>10,991</b>	<b>10,328</b>	<b>2,241</b>
Less than 4 years of high school	8,307	476	643	1,022	2,268	3,074	824
4 years of high school only	19,722	2,393	3,469	1,793	5,788	5,348	930
1 to 3 years of college	10,569	2,748	2,928	946	2,200	1,443	303
4 years of college or more	15,441	10,160	3,443	459	735	462	183
<b>White</b>	<b>47,453</b>	<b>14,500</b>	<b>9,326</b>	<b>3,243</b>	<b>9,870</b>	<b>8,471</b>	<b>2,042</b>
Less than 4 years of high school	6,979	430	570	768	2,014	2,494	704
4 years of high school only	17,296	2,232	3,112	1,374	5,266	4,445	866
1 to 3 years of college	9,252	2,537	2,581	738	1,947	1,156	293
4 years of college or more	13,926	9,301	3,063	364	643	376	178
<b>Black</b>	<b>4,859</b>	<b>712</b>	<b>776</b>	<b>779</b>	<b>852</b>	<b>1,585</b>	<b>156</b>
Less than 4 years of high school	1,101	35	56	201	205	504	100
4 years of high school only	1,983	113	278	336	412	797	46
1 to 3 years of college	1,008	144	258	177	188	238	7
4 years of college or more	767	420	185	64	47	48	3
<b>Female, total<sup>4</sup></b>	<b>43,582</b>	<b>12,587</b>	<b>18,427</b>	<b>7,069</b>	<b>10,54</b>	<b>3,982</b>	<b>463</b>
Less than 4 years of high school	5,137	260	1,084	2,016	258	1,398	120
4 years of high school only	18,449	2,426	9,511	3,596	569	2,126	221
1 to 3 years of college	9,422	2,690	5,075	1,080	156	353	68
4 years of college or more	10,574	7,210	2,756	377	71	105	54
<b>White</b>	<b>37,101</b>	<b>11,149</b>	<b>16,113</b>	<b>5,405</b>	<b>874</b>	<b>3,124</b>	<b>435</b>
Less than 4 years of high school	4,043	223	970	1,407	211	1,126	105
4 years of high school only	15,901	2,207	8,541	2,820	473	1,649	211
1 to 3 years of college	8,007	2,383	4,294	866	130	267	67
4 years of college or more	9,150	6,336	2,309	312	60	82	52
<b>Black</b>	<b>5,002</b>	<b>1,001</b>	<b>1,778</b>	<b>1,398</b>	<b>128</b>	<b>680</b>	<b>19</b>
Less than 4 years of high school	882	24	90	538	26	199	11
4 years of high school only	2,111	169	803	660	75	397	7
1 to 3 years of college	1,144	241	636	174	21	71	1
4 years of college or more	884	568	247	31	5	12	-

- Represents or rounds to zero. <sup>1</sup> Includes private household workers. <sup>2</sup> Includes craft and repair. <sup>3</sup> Includes laborers.

<sup>4</sup> Includes other races, not shown separately.

Source: U.S. Bureau of Labor Statistics, unpublished data.

### No. 657. Employment by Industry, 1970 to 1989, and by Selected Characteristics, 1989

[In thousands, except percent. For civilian noninstitutional population 16 years old and over. Annual averages of monthly figures. Based on Current Population Survey; see text, section 1 and Appendix III. Data from 1985 forward not strictly comparable with earlier years due to changes in industrial classification]

INDUSTRY	1970	1980	1985	1987	1988	1989			
						Total	Percent		
							Female	Black	Hispanic <sup>1</sup>
<b>Total employed</b>	<b>78,678</b>	<b>99,303</b>	<b>107,150</b>	<b>112,440</b>	<b>114,968</b>	<b>117,342</b>	<b>45.2</b>	<b>10.2</b>	<b>7.3</b>
Agriculture	3,463	3,364	3,179	3,208	3,169	3,199	21.5	4.7	13.8
Mining	516	979	939	818	753	719	16.3	4.1	5.4
Construction	4,818	6,215	6,987	7,456	7,603	7,680	8.9	6.7	8.0
Manufacturing	20,746	21,942	20,879	20,935	21,320	21,652	32.7	10.1	8.6
Transportation, communication, and other public utilities	5,320	6,525	7,548	7,880	8,064	8,094	28.3	14.1	6.4
Wholesale and retail trade	15,008	20,191	22,296	23,392	23,663	24,230	47.2	8.3	7.8
Wholesale trade	2,672	3,920	4,341	4,580	4,578	4,611	28.2	6.0	7.0
Retail trade	12,336	16,270	17,955	18,812	19,085	19,618	51.7	8.8	8.0
Finance, insurance, real estate	3,945	5,993	7,005	7,763	7,921	7,988	59.4	8.4	5.6
Banking and other finances	1,697	2,568	3,135	3,421	3,454	3,447	64.8	8.8	5.9
Insurance and real estate	2,248	3,425	3,870	4,342	4,466	4,542	55.3	8.0	5.3
Services <sup>2</sup>	20,385	28,752	33,322	35,743	37,043	38,227	61.7	11.6	6.5
Business services <sup>2</sup>	1,403	2,361	3,999	4,706	5,051	5,288	49.6	11.6	7.3
Advertising	147	191	263	293	288	282	47.9	3.8	3.6
Services to dwellings and buildings	(NA)	370	571	675	791	801	48.8	17.0	19.1
Personnel supply services	(NA)	235	590	640	736	786	75.0	21.3	6.9
Business management/consulting	(NA)	307	395	460	561	557	51.2	7.0	2.2
Computer and data processing	(NA)	221	549	663	713	797	36.6	8.7	4.0
Detective/protective services	(NA)	213	318	371	345	364	22.1	23.7	8.4
Automobile services	600	952	1,322	1,271	1,341	1,391	13.4	9.3	11.4
Personal services <sup>2</sup>	4,276	3,839	4,352	4,598	4,727	4,864	71.8	14.9	14.7
Private households	1,782	1,257	1,254	1,216	1,163	1,108	85.6	24.1	14.7
Hotels and lodging places	979	1,149	1,451	1,597	1,702	1,695	64.9	13.3	12.8
Entertainment and recreation	717	1,047	1,278	1,353	1,421	1,440	40.4	9.8	6.2
Professional and related services <sup>2</sup>	12,904	19,853	21,563	22,963	23,725	24,609	68.0	11.5	5.0
Hospitals	2,843	4,036	4,269	4,444	4,520	4,568	76.9	18.1	5.3
Health services, except hospitals	1,628	3,345	3,641	4,034	4,261	4,542	78.9	11.7	5.4
Elementary, secondary schools	6,126	5,550	5,431	5,550	5,757	5,970	72.3	12.0	5.2
Colleges and universities		2,108	2,281	2,378	2,425	2,514	51.7	9.2	4.0
Social services	828	1,590	1,682	1,948	2,042	2,110	78.1	16.3	6.2
Legal services	429	776	985	1,138	1,177	1,207	56.3	5.1	4.5
Public administration <sup>3</sup>	4,476	5,342	4,955	5,246	5,432	5,553	42.9	14.8	5.1

NA Not available. <sup>1</sup> Persons of Hispanic origin may be of any race. <sup>2</sup> Includes industries not shown separately.

<sup>3</sup> Includes workers involved in uniquely governmental activities, e.g., judicial and legislative.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, January issues.

## No. 658. Employment by Selected Industry, 1970 to 1988, and Projections, 2000

[In thousands, except percent. Figures may differ from those in other tables since these data exclude establishments not elsewhere classified (SIC 99); in addition, agriculture services (SIC 074, 5, 8) are included in agriculture, not services. See source for details. N.e.c. means not elsewhere classified. Minus sign (-) indicates decrease]

1972 SIC code	INDUSTRY	EMPLOYMENT				ANNUAL AVERAGE RATE OF CHANGE		
		1970	1980	1988	2000 <sup>2</sup>	1970- 1980	1980- 1988	1988- 2000 <sup>2</sup>
(X)	Total	81,664	102,019	118,104	136,211	2.3	1.8	1.2
(X)	Nonfarm wage and salary	70,725	90,043	104,960	122,056	2.4	1.9	1.3
(X)	Goods-producing (excluding agriculture)	23,578	25,659	25,252	25,680	0.8	-0.2	0.1
10-14	Mining	623	1,027	721	705	5.1	-4.3	-0.2
15-17	Construction	3,588	4,346	5,125	5,885	1.9	2.1	1.2
20-39	Manufacturing	19,367	20,286	19,408	19,090	0.5	-0.6	-0.1
24, 25, 32-39	Durable	11,210	12,188	11,436	11,220	0.8	0.8	-0.2
24	Lumber and wood products	646	691	765	740	0.7	1.3	-0.3
25	Furniture and fixtures	440	465	530	600	0.6	1.6	1.0
32	Stone, clay, and glass products	644	662	600	580	0.3	1.2	-0.3
33	Primary metal industries	1,260	1,142	772	700	-1.0	-4.8	-0.8
331	Blast furnaces/basic steel products	627	512	277	241	-2.0	-7.4	-1.2
34	Fabricated metal products	1,560	1,613	1,431	1,352	0.3	-1.5	-0.5
35	Machinery, except electrical	1,984	2,494	2,082	2,059	2.3	-2.2	-0.1
3573	Electronic computing equipment	194	354	418	453	6.2	2.1	0.7
36	Electrical and electronic equip	1,871	2,091	2,071	2,014	1.1	-0.1	-0.2
3662	Radio and TV equip.	362	378	456	463	0.4	2.4	0.1
3674	Semiconductors/related devices	(NA)	223	262	285	(NA)	2.0	0.7
37	Transportation equipment	1,852	1,900	2,050	2,002	0.3	1.0	-0.2
371	Motor vehicles	799	788	856	786	-0.1	1.0	-0.7
38	Instruments and related products	527	712	749	822	3.1	0.6	0.8
39	Miscellaneous manufacturing	426	418	386	350	-0.2	-1.0	-0.8
20-23, 26-31	Nondurable	8,157	8,098	7,970	7,870	-0.1	-0.2	0.1
20	Food and kindred products	1,786	1,708	1,636	1,563	-0.4	-0.5	-0.4
21	Tobacco manufactures	83	69	56	40	-1.8	-2.6	-2.8
22	Textile mill products	974	847	729	627	-1.4	-1.9	-1.2
23	Apparel and other textile products	1,364	1,264	1,093	920	-0.8	-1.8	-1.4
26	Paper and allied products	705	693	693	690	-0.2		
27	Printing and publishing	1,104	1,252	1,562	1,751	1.3	2.8	1.0
28	Chemicals and allied products	1,049	1,107	1,065	1,084	0.5	-0.5	0.1
29	Petroleum and coal products	192	198	162	140	0.3	-2.5	-1.2
30	Rubber and misc. plastics products	580	727	830	941	2.3	1.7	1.1
31	Leather and leather products	320	233	144	114	-3.1	-5.8	-1.9
(X)	Service-producing	47,147	64,384	79,708	96,376	3.2	2.7	1.6
40-42, 44-49	Transportation and public utilities	4,517	5,146	5,548	6,097	1.3	0.9	0.8
40-42, 44-47	Transportation	2,696	2,962	3,334	3,705	0.9	1.5	0.9
48	Communications	1,130	1,357	1,281	1,344	1.8	-0.7	0.4
49	Public utilities	691	827	933	1,048	1.8	1.5	1.0
50-51	Wholesale trade	3,993	5,275	6,029	6,936	2.8	1.7	1.2
52-59	Retail trade	11,048	15,035	19,110	22,875	3.1	3.0	1.5
58	Eating and drinking places	2,575	4,626	6,282	7,796	6.0	3.9	1.8
60-67	Finance, insurance, and real estate	3,646	5,159	6,677	7,762	3.5	3.3	1.3
70-86, 89	Services	11,390	17,528	24,971	33,717	4.4	4.5	2.5
70	Hotels and other lodging places	(NA)	1,076	1,550	1,960	(NA)	4.7	2.0
72	Personal services	989	901	1,174	1,418	-0.9	3.4	1.6
73	Business services	1,676	3,092	5,570	8,311	6.3	7.6	3.4
734	Services to dwellings and other buildings	295	495	785	1,028	5.3	5.9	2.3
736	Personnel supply services	(NA)	563	1,369	2,218	(NA)	11.7	4.1
737	Computer and data processing services	(NA)	304	678	1,200	(NA)	10.5	4.9
7391, 2, 7	Research, management, and consulting services	(NA)	539	811	1,190	(NA)	5.2	3.2
75	Auto repair, services, and garages	391	571	837	1,077	3.9	4.9	2.1
76	Miscellaneous repair services	189	289	347	389	4.3	2.3	1.0
78	Motion pictures	204	217	241	264	0.6	1.3	0.8
79	Amusement and recreation services	468	764	918	1,152	5.0	2.3	1.9
80	Health services	3,053	5,278	7,144	10,139	5.6	3.9	3.0
801-4	Offices of health practitioners	(NA)	1,211	1,850	2,810	(NA)	5.4	3.5
805	Nursing and personal care facilities	(NA)	997	1,319	1,907	(NA)	3.6	3.1
806	Hospitals, private	1,863	2,750	3,300	4,245	4.0	2.3	2.1
807-9	Outpatient facilities and health services, n.e.c.	(NA)	320	675	1,177	(NA)	9.8	4.7
81	Legal services	236	498	852	1,181	7.8	6.9	2.8
82	Educational services	940	1,138	1,557	1,780	1.9	4.0	1.1
83, 4, 6, 9	Social, membership and misc.	(NA)	3,704	4,781	6,046	(NA)	3.2	2.0
(X)	Government	12,553	16,241	17,373	18,989	2.6	0.8	0.7
(X)	Federal government	2,731	2,866	2,971	3,059	0.5	0.5	0.2
(X)	State and local government	9,822	13,375	14,402	15,930	3.1	0.9	0.8
01,2,7, 8,9	Agriculture	3,508	3,426	3,259	3,125	-0.2	-0.6	-0.3
88	Private households	1,794	1,256	1,163	1,103	3.5	-1.0	-0.4
(X)	Nonfarm self-employed and unpaid family workers	5,639	7,294	8,722	9,927	2.6	2.3	1.1

Represents or rounds to zero. NA Not available. X Not applicable. <sup>1</sup> 1972 Standard Industrial Classification; see text, section 13. <sup>2</sup> Based on assumptions of moderate growth; see source. <sup>3</sup> Includes other industries, not shown separately. Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*, November 1989.

## No. 659. Unemployed Workers—Summary: 1980 to 1989

[In thousands, except as indicated. For civilian noninstitutional population 16 years old and over. Annual averages of monthly figures. For data on unemployment insurance, see table 602. See also *Historical Statistics, Colonial Times to 1970*, series D 87-101]

ITEM AND CHARACTERISTIC	1980	1982	1983	1984	1985	1986	1987	1988	1989
<b>UNEMPLOYED</b>									
<b>Total</b> <sup>1</sup>	<b>7,637</b>	<b>10,678</b>	<b>10,717</b>	<b>8,539</b>	<b>8,312</b>	<b>8,237</b>	<b>7,425</b>	<b>6,701</b>	<b>6,528</b>
Labor force time lost <sup>2</sup> (percent)	7.9	11.0	10.9	8.6	8.1	7.9	7.1	6.3	5.9
16-19 years old	1,669	1,977	1,829	1,499	1,468	1,454	1,347	1,226	1,194
20-24 years old	1,835	2,392	2,330	1,838	1,738	1,651	1,453	1,261	1,218
25-44 years old	2,964	4,589	4,728	3,709	3,681	3,761	3,410	3,095	3,010
45-64 years old	1,075	1,613	1,716	1,394	1,331	1,279	1,135	1,032	1,016
65 years and over	94	107	114	97	93	91	78	87	91
<b>Male</b>	<b>4,267</b>	<b>6,179</b>	<b>6,260</b>	<b>4,744</b>	<b>4,521</b>	<b>4,530</b>	<b>4,101</b>	<b>3,655</b>	<b>3,525</b>
16-19 years old	913	1,090	1,003	812	806	779	732	667	658
20-24 years old	1,076	1,407	1,369	1,023	944	899	779	676	660
25-44 years old	1,619	2,670	2,769	2,050	1,950	2,054	1,858	1,657	1,572
45-64 years old	600	943	1,046	806	766	741	684	606	585
65 years and over	58	69	73	53	55	58	49	49	49
<b>Female</b>	<b>3,370</b>	<b>4,499</b>	<b>4,457</b>	<b>3,794</b>	<b>3,791</b>	<b>3,707</b>	<b>3,324</b>	<b>3,046</b>	<b>3,003</b>
16-19 years old	755	886	825	687	661	675	616	558	536
20-24 years old	760	985	961	815	794	752	674	585	558
25-44 years old	1,345	1,919	1,958	1,659	1,732	1,708	1,552	1,439	1,437
45-64 years old	473	670	671	589	566	539	453	427	430
65 years and over	36	38	41	45	39	33	30	38	41
<b>White</b> <sup>3</sup>	<b>5,884</b>	<b>8,241</b>	<b>8,128</b>	<b>6,372</b>	<b>6,191</b>	<b>6,140</b>	<b>5,501</b>	<b>4,944</b>	<b>4,770</b>
16-19 years old	1,291	1,534	1,387	1,116	1,074	1,070	995	910	863
20-24 years old	1,364	1,770	1,678	1,282	1,235	1,149	1,017	874	856
<b>Black</b> <sup>3</sup>	<b>1,553</b>	<b>2,142</b>	<b>2,272</b>	<b>1,914</b>	<b>1,864</b>	<b>1,840</b>	<b>1,684</b>	<b>1,547</b>	<b>1,544</b>
16-19 years old	343	396	392	353	357	347	312	288	300
20-24 years old	426	565	591	504	455	453	397	349	322
<b>Hispanic</b> <sup>3,4</sup>	<b>620</b>	<b>929</b>	<b>961</b>	<b>800</b>	<b>811</b>	<b>857</b>	<b>751</b>	<b>732</b>	<b>750</b>
16-19 years old	145	175	167	149	141	141	136	148	132
20-24 years old	138	221	214	164	171	183	152	145	158
Full-time workers	6,269	9,006	9,075	7,057	6,793	6,708	5,979	5,357	5,211
Part-time workers	1,369	1,672	1,642	1,481	1,519	1,529	1,446	1,343	1,317
<b>UNEMPLOYMENT RATE (percent)<sup>5</sup></b>									
<b>Total</b> <sup>1</sup>	<b>7.1</b>	<b>9.7</b>	<b>9.6</b>	<b>7.5</b>	<b>7.2</b>	<b>7.0</b>	<b>6.2</b>	<b>5.5</b>	<b>5.3</b>
16-19 years old	17.8	23.2	22.4	18.9	18.6	18.3	16.9	15.3	15.0
20-24 years old	11.5	14.9	14.5	11.5	11.1	10.7	9.7	8.7	8.6
25-44 years old	6.0	8.6	8.5	6.4	6.2	6.1	5.4	4.8	4.5
45-64 years old	3.7	5.6	5.9	4.8	4.5	4.3	3.8	3.3	3.2
65 years and over	3.1	3.5	3.7	3.3	3.2	3.0	2.5	2.7	2.6
<b>Male</b>	<b>6.9</b>	<b>9.9</b>	<b>9.9</b>	<b>7.4</b>	<b>7.0</b>	<b>6.9</b>	<b>6.2</b>	<b>5.5</b>	<b>5.2</b>
16-19 years old	18.3	24.4	23.3	19.6	19.5	19.0	17.8	16.0	15.9
20-24 years old	12.5	16.4	15.9	11.9	11.4	11.0	9.9	8.9	8.8
25-44 years old	5.6	8.7	8.8	6.3	5.9	6.0	5.3	4.6	4.3
45-64 years old	3.5	5.6	6.2	4.8	4.5	4.4	4.0	3.5	3.3
65 years and over	3.1	3.7	3.9	3.0	3.1	3.2	2.6	2.5	2.4
<b>Female</b>	<b>7.4</b>	<b>9.4</b>	<b>9.2</b>	<b>7.6</b>	<b>7.4</b>	<b>7.1</b>	<b>6.2</b>	<b>5.6</b>	<b>5.4</b>
16-19 years old	17.2	21.9	21.3	18.0	17.6	17.6	15.9	14.4	14.0
20-24 years old	10.4	13.2	12.9	10.9	10.7	10.3	9.4	8.5	8.3
25-44 years old	6.4	8.3	8.2	6.6	6.6	6.2	5.5	4.9	4.8
45-64 years old	4.0	5.6	5.6	4.9	4.6	4.2	3.5	3.2	3.1
65 years and over	3.1	3.2	3.4	3.8	3.3	2.8	2.4	2.9	2.9
<b>White</b> <sup>3</sup>	<b>6.3</b>	<b>8.6</b>	<b>8.4</b>	<b>6.5</b>	<b>6.2</b>	<b>6.0</b>	<b>5.3</b>	<b>4.7</b>	<b>4.5</b>
16-19 years old	15.5	20.4	19.3	16.0	15.7	15.6	14.4	13.1	12.7
20-24 years old	9.9	12.8	12.1	9.3	9.2	8.7	8.0	7.1	7.2
<b>Black</b> <sup>3</sup>	<b>14.3</b>	<b>18.9</b>	<b>19.5</b>	<b>15.9</b>	<b>15.1</b>	<b>14.5</b>	<b>13.0</b>	<b>11.7</b>	<b>11.4</b>
16-19 years old	38.5	48.0	48.5	42.7	40.2	39.3	34.7	32.4	32.4
20-24 years old	23.6	30.5	31.4	26.1	24.5	24.1	21.8	19.6	18.0
<b>Hispanic</b> <sup>3,4</sup>	<b>10.1</b>	<b>13.8</b>	<b>13.7</b>	<b>10.7</b>	<b>10.5</b>	<b>10.6</b>	<b>8.8</b>	<b>8.2</b>	<b>8.0</b>
16-19 years old	22.5	29.9	28.4	24.1	24.3	24.7	22.3	22.0	19.4
20-24 years old	12.1	17.7	16.7	12.4	12.6	12.9	10.6	9.8	10.7
Experienced workers <sup>6</sup>	6.9	9.3	9.2	7.1	6.8	6.6	5.8	5.2	5.0
Women maintaining families <sup>1</sup>	9.2	11.7	12.3	10.4	10.5	9.9	9.3	8.2	8.1
White	7.3	9.4	9.2	7.8	8.1	7.8	6.8	6.0	6.1
Black	14.0	18.0	20.2	16.7	16.4	15.4	15.4	13.7	13.0
Married men, wife present <sup>1</sup>	4.2	6.5	6.5	4.6	4.3	4.4	3.9	3.3	3.0
White	3.9	6.0	6.0	4.3	4.0	4.0	3.6	3.0	2.8
Black	7.4	11.5	11.3	8.1	8.0	8.0	6.5	5.8	5.8
<b>Percent without work for—</b>									
Less than 5 weeks	43.1	36.4	33.3	39.2	42.1	41.9	43.7	46.0	48.6
5-10 weeks	23.4	21.7	19.4	20.6	22.2	22.6	21.6	22.2	22.2
11-14 weeks	9.0	9.4	8.0	8.1	8.0	8.4	7.9	7.8	8.1
15-26 weeks	13.8	16.0	15.4	12.9	12.3	12.7	12.7	12.0	11.2
27 weeks and over	10.7	16.6	23.9	19.1	15.4	14.4	14.0	12.1	9.9
Unemployment duration, average (weeks)	11.9	15.6	20.0	18.2	15.6	15.0	14.5	13.5	11.9

<sup>1</sup> Includes other races, not shown separately. <sup>2</sup> Aggregate hours lost by the unemployed and persons on part-time for economic reasons as a percent of potentially available labor force hours. <sup>3</sup> Includes other ages, not shown separately. <sup>4</sup> Persons of Hispanic origin may be of any race. <sup>5</sup> Unemployed as percent of civilian labor force in specified group. <sup>6</sup> Wage and salary workers.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly; and unpublished data.

**No. 660. Unemployed Persons, by Sex and Reason, 1970 to 1989, and by Duration, 1989**

[In thousands, except as indicated. For civilian noninstitutional population 16 years old and over. Annual averages of monthly figures. Based on Current Population Survey; see text, section 1 and Appendix III]

SEX AND REASON UNEMPLOYED	1970	1975	1980	1983	1984	1985	1986	1987	1988	1989	1989			
											Total	Duration of unemployment (percent)		
												Less than 5 weeks	5 to 14 weeks	15 weeks or more
<b>Male</b> .....	<b>2,238</b>	<b>4,442</b>	<b>4,267</b>	<b>6,260</b>	<b>4,744</b>	<b>4,521</b>	<b>4,530</b>	<b>4,101</b>	<b>3,655</b>	<b>3,525</b>	<b>44.7</b>	<b>30.5</b>	<b>24.8</b>	
Job losers.....	1,199	2,909	2,649	4,331	2,976	2,749	2,725	2,432	2,078	1,975	39.3	31.6	29.2	
Job leavers.....	282	375	438	386	375	409	520	494	503	495	51.1	29.7	19.4	
Reentrants.....	533	782	776	953	867	876	805	761	697	726	50.4	28.8	20.7	
New entrants.....	224	377	405	589	526	487	480	413	376	328	54.6	29.3	16.2	
<b>Female</b> .....	<b>1,855</b>	<b>3,486</b>	<b>3,370</b>	<b>4,457</b>	<b>3,794</b>	<b>3,791</b>	<b>3,707</b>	<b>3,324</b>	<b>3,046</b>	<b>3,003</b>	<b>53.3</b>	<b>30.1</b>	<b>16.7</b>	
Job losers.....	614	1,478	1,297	1,926	1,445	1,390	1,308	1,134	1,014	1,008	42.4	34.3	23.2	
Job leavers.....	267	452	454	444	449	468	494	471	479	529	58.2	28.7	13.0	
Reentrants.....	696	1,110	1,151	1,459	1,317	1,380	1,355	1,213	1,112	1,117	58.2	28.1	13.7	
New entrants.....	279	447	468	627	584	552	549	506	440	349	61.3	26.1	12.6	

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly, Bulletin 2307, and unpublished data.

**No. 661. Unemployment Rates, by Educational Attainment, Sex, and Race: 1970 to 1989**

[In percent. As of March. Civilian noninstitutional population 25 to 64 years of age. Based on Current Population Survey; see text, section 1 and Appendix III]

ITEM	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
<b>Total</b> .....	<b>3.3</b>	<b>6.9</b>	<b>4.4</b>	<b>5.0</b>	<b>5.8</b>	<b>7.6</b>	<b>8.0</b>	<b>6.6</b>	<b>6.1</b>	<b>6.1</b>	<b>5.7</b>	<b>4.7</b>	<b>4.4</b>
Less than 4 years of high school <sup>1</sup> .....	4.6	10.7	7.2	8.4	10.1	12.5	15.8	12.1	11.4	11.6	11.1	9.6	9.1
4 years of high school, only.....	2.9	6.9	4.4	5.1	6.2	8.5	10.0	7.2	6.9	6.9	6.3	5.4	4.8
College: 1-3 years.....	2.9	5.5	3.5	4.3	4.5	6.4	7.3	5.3	4.7	4.7	4.5	3.7	3.4
4 years or more.....	1.3	2.5	2.1	1.9	2.2	3.0	3.5	2.7	2.4	2.3	2.3	1.7	2.2
<b>Male: Total</b> .....	<b>2.9</b>	<b>6.7</b>	<b>4.0</b>	<b>4.9</b>	<b>5.8</b>	<b>7.9</b>	<b>9.8</b>	<b>6.9</b>	<b>6.1</b>	<b>6.2</b>	<b>6.0</b>	<b>5.1</b>	<b>4.7</b>
Less than 4 years of high school <sup>1</sup> .....	4.0	10.5	6.6	8.2	10.2	12.7	16.1	12.3	11.2	11.7	11.2	10.1	9.7
4 years of high school, only.....	2.4	6.7	4.2	5.3	6.6	9.3	11.9	8.1	7.2	7.4	6.7	6.2	5.4
College: 1-3 years.....	2.7	5.1	3.2	4.4	4.4	6.8	8.4	5.2	4.5	4.7	5.0	3.9	3.2
4 years or more.....	1.1	2.2	1.7	1.7	1.9	2.9	3.4	2.7	2.4	2.3	2.5	1.6	2.3
<b>Female: Total</b> .....	<b>4.0</b>	<b>7.4</b>	<b>4.9</b>	<b>5.0</b>	<b>5.7</b>	<b>7.2</b>	<b>7.9</b>	<b>6.1</b>	<b>6.0</b>	<b>5.8</b>	<b>5.2</b>	<b>4.2</b>	<b>4.0</b>
Less than 4 years of high school <sup>1</sup> .....	5.7	10.5	8.3	8.9	10.0	12.2	15.3	11.7	11.7	11.4	10.9	8.9	8.4
4 years of high school, only.....	3.6	7.1	4.7	5.0	5.8	7.8	8.0	6.3	6.5	6.3	5.8	4.6	4.2
College: 1-3 years.....	3.1	6.3	3.8	4.1	4.6	5.3	6.0	5.3	4.8	4.8	4.0	3.4	3.7
4 years or more.....	1.9	3.4	2.8	2.2	2.7	3.3	3.7	2.7	2.5	2.4	2.1	1.9	2.0
<b>White: Total</b> .....	<b>3.1</b>	<b>6.5</b>	<b>3.9</b>	<b>4.4</b>	<b>5.1</b>	<b>6.8</b>	<b>8.0</b>	<b>5.7</b>	<b>5.3</b>	<b>5.5</b>	<b>5.0</b>	<b>4.0</b>	<b>3.8</b>
Less than 4 years of high school <sup>1</sup> .....	4.5	10.1	6.5	7.8	9.2	12.2	15.0	10.9	10.6	10.9	10.2	8.3	7.4
4 years of high school, only.....	2.7	6.5	3.9	4.6	5.6	7.6	8.9	6.4	6.1	6.2	5.5	4.6	4.2
College: 1-3 years.....	2.8	5.1	3.1	3.9	4.0	5.4	6.5	4.6	3.9	4.2	4.1	3.2	3.0
4 years or more.....	1.3	2.4	2.0	1.8	2.1	2.8	3.1	2.4	2.1	2.2	2.2	1.5	2.0
<b>Black: Total</b> .....	<b>4.7</b>	<b>10.9</b>	<b>8.8</b>	<b>9.6</b>	<b>11.4</b>	<b>13.9</b>	<b>16.8</b>	<b>13.3</b>	<b>12.0</b>	<b>10.7</b>	<b>10.6</b>	<b>10.0</b>	<b>9.2</b>
Less than 4 years of high school <sup>1</sup> .....	5.2	13.5	10.6	11.7	14.3	14.4	19.9	17.4	15.3	15.3	14.8	15.7	15.9
4 years of high school, only.....	5.2	10.7	9.3	9.5	11.8	16.4	18.9	14.5	13.0	11.7	11.7	11.2	9.2
College: 1-3 years.....	3.5	9.8	6.7	9.0	9.5	12.5	13.3	9.7	10.6	8.7	7.6	7.4	6.9
4 years or more.....	0.9	3.9	3.9	4.0	4.0	7.1	8.1	6.2	5.4	3.2	4.2	3.3	4.7

<sup>1</sup> Includes persons reporting no school years completed. <sup>2</sup> For 1970 and 1975, data refer to Black and other workers.

Source: U.S. Bureau of Labor Statistics, Bulletin 2307 and unpublished data.

**No. 662. Unemployment Rates, by Industry, 1975 to 1989, and by Sex, 1980 and 1989**

[In percent. For civilian noninstitutional population 16 years old and over. Annual averages of monthly figures. Rate represents unemployment as a percent of labor force in each specified group. Beginning 1985, data not strictly comparable with earlier years due to changes in industrial classification]

INDUSTRY	1975	1980	1985	1986	1987	1988	1989	MALE		FEMALE	
								1980	1989	1980	1989
<b>All unemployed<sup>1</sup></b> .....	<b>8.5</b>	<b>7.1</b>	<b>7.2</b>	<b>7.0</b>	<b>6.2</b>	<b>5.5</b>	<b>5.3</b>	<b>6.9</b>	<b>5.2</b>	<b>7.4</b>	<b>5.4</b>
<b>Industry:<sup>2</sup></b> .....											
Agriculture.....	10.3	11.0	13.2	12.5	10.5	10.6	9.6	9.7	9.1	15.1	11.0
Mining.....	4.1	6.4	9.5	13.5	10.0	7.9	5.8	6.8	6.2	4.5	3.9
Construction.....	18.0	14.1	13.1	13.1	11.6	10.6	10.0	14.7	10.3	8.8	6.9
Manufacturing.....	10.9	8.5	7.7	7.1	6.0	5.3	5.1	7.4	4.4	10.7	6.6
Transportation and public utilities.....	5.6	4.9	5.1	5.1	4.5	3.9	3.9	5.1	3.9	4.4	3.8
Wholesale and retail trade.....	8.7	7.4	7.6	7.6	6.9	6.2	6.0	6.6	5.2	8.3	6.8
Finance, insurance, and real estate.....	4.9	3.4	3.5	3.5	3.1	3.0	3.1	3.2	2.9	3.5	3.2
Services.....	7.1	5.9	6.2	6.1	5.4	4.9	4.8	6.2	4.9	5.7	4.7
Government.....	4.1	4.1	3.9	3.6	3.5	2.8	2.7	3.8	2.9	4.3	2.6

<sup>1</sup> Includes the self-employed, unpaid family workers, and persons with no previous work experience, not shown separately.

<sup>2</sup> Covers unemployed wage and salary workers.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.



### No. 663. Unemployment and Unemployment Rates by Occupation, 1983 to 1989, and by Sex, 1989

[For civilian noninstitutional population 16 years old and over. Beginning 1985, annual averages of monthly data; 1983 data estimated, see text, section 13. Rate represents unemployment as a percent of the labor force for each specified group. Based on Current Population Survey; see text, section 1, and Appendix III]

OCCUPATION	NUMBER (1,000)			UNEMPLOYMENT RATE				
	1983	1985	1989	1983	1985	1989		
						Total	Male	Female
<b>Total</b> <sup>1</sup>	<b>10,717</b>	<b>8,312</b>	<b>6,528</b>	<b>9.6</b>	<b>7.2</b>	<b>5.3</b>	<b>5.2</b>	<b>5.4</b>
Managerial and professional specialty	795	645	614	3.3	2.4	2.0	1.7	2.3
Executive, administrative, and managerial	396	329	348	3.5	2.6	2.3	2.0	2.8
Professional specialty	399	316	265	3.0	2.3	1.7	1.4	1.9
Technical sales, and administrative support	2,116	1,694	1,470	6.3	4.9	3.9	3.3	4.3
Technicians and related support	152	110	90	4.7	3.3	2.4	2.4	2.4
Sales occupations	850	702	643	6.7	5.3	4.4	3.0	5.7
Administrative support, including clerical	1,114	882	738	6.4	4.9	3.9	4.2	3.8
Service occupations	1,697	1,386	1,088	10.9	8.8	6.5	6.5	6.6
Private household	79	69	55	7.4	6.4	5.9	10.5	5.7
Protective service	120	85	74	6.7	4.7	3.6	3.1	6.1
Service except private household and protective	1,498	1,233	960	11.8	9.5	7.0	7.7	6.7
Precision production, craft, and repair	1,466	1,038	762	10.6	7.2	5.2	5.2	5.7
Mechanics and repairs	344	225	161	7.6	4.8	3.4	3.3	5.6
Construction trades	709	531	428	14.2	10.1	7.7	7.6	11.4
Other precision production, craft, and repair	412	281	173	9.6	6.4	4.0	3.7	5.0
Operators, fabricators, and laborers	2,955	2,140	1,578	15.5	11.3	8.0	7.7	9.1
Machine operators, assemblers, inspectors	1,411	980	678	15.4	11.1	7.6	6.3	9.4
Transportation and material moving occupations	596	422	306	12.4	8.5	5.9	5.9	5.7
Handlers, equipment cleaners, helpers, laborers	948	739	594	18.6	14.3	10.8	11.1	9.8
Construction laborers	207	186	152	25.8	21.3	16.8	16.7	(B)
Farming, forestry, and fishing	407	315	234	9.9	8.3	6.4	6.2	7.4

B Base is less than 35,000. <sup>1</sup> Includes persons with no previous work experience and those whose last job was in the Armed Forces.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

### No. 664. Range of Unemployment Measures Based on Varying Definitions of Unemployment and the Labor Force: 1970 to 1989

[In percent. Annual averages of monthly figures. Based on Current Population Survey, see text, section 1, and Appendix III]

MEASURE	1970	1975	1980	1982	1983	1984	1985	1986	1987	1988	1989
Persons unemployed 15 weeks or longer as a percent of the civilian labor force	0.8	2.7	1.7	3.2	3.8	2.4	2.0	1.9	1.7	1.3	1.1
Job losers as a percent of the civilian labor force	2.2	4.7	3.7	5.7	5.6	3.9	3.6	3.4	3.0	2.5	2.4
Unemployed persons 25 years and over as a percent of the 25 and over civilian labor force	3.3	6.0	5.1	7.4	7.5	5.8	5.6	5.4	4.8	4.3	4.0
Unemployed full-time jobseekers as a percent of the full-time civilian labor force	4.5	8.1	6.9	9.6	9.5	7.2	6.8	6.6	5.8	5.2	4.9
Total unemployed as a percent of the labor force, including the resident Armed Forces <sup>1</sup>	4.8	8.3	7.0	9.5	9.5	7.4	7.1	6.9	6.1	5.4	5.2
Total unemployed as a percent of the civilian labor force	4.9	8.5	7.1	9.7	9.6	7.5	7.2	7.0	6.2	5.5	5.3
Total full-time jobseekers plus 1/2 part-time jobseekers plus 1/2 total on part-time for economic reasons as a percent of the civilian labor force less 1/2 of the part-time labor force	6.3	10.5	9.2	12.6	12.6	10.1	9.6	9.4	8.5	7.6	7.2
Total full-time jobseekers plus 1/2 part-time jobseekers plus 1/2 total on part-time for economic reasons plus discouraged workers as a percent of the civilian labor force plus discouraged workers less 1/2 of the part-time labor force	7.1	11.6	10.1	14.0	13.9	11.2	10.6	10.3	9.3	8.4	7.9

<sup>1</sup> Current unemployment rate definition.

Source: U.S. Bureau of Labor Statistics, Bulletin 2307; *Employment and Earnings*, monthly, and unpublished data.

**No. 665. Total Unemployed and Insured Unemployed—States: 1980 to 1989**

[For civilian noninstitutional population 16 years old and over. Annual averages of monthly figures. Total unemployment estimates based on the Current Population Survey (CPS); see text, section 1, and Appendix III. U.S. totals derived by independent population controls; therefore State data may not add to U.S. totals]

DIVISION AND STATE	TOTAL UNEMPLOYED										INSURED UNEMPLOYED <sup>2</sup>			
	Number (1,000)					Percent <sup>1</sup>					Number (1,000)		Percent <sup>3</sup>	
	1980	1985	1987	1988	1989	1980	1985	1987	1988	1989	1988	1989	1988	1989
U.S. ....	7,837	8,312	7,425	6,701	6,528	7.1	7.2	6.2	5.5	5.3	<sup>4</sup> 2,081	<sup>4</sup> 2,157	<sup>4</sup> 2.0	<sup>4</sup> 2.1
N. Eng.: ME .....	39	30	28	22	25	7.8	5.4	4.4	3.8	4.1	8.9	11.5	1.8	2.2
NH .....	22	21	15	15	21	4.7	3.9	2.5	2.4	3.5	2.7	5.3	0.5	1.0
VT .....	16	13	11	8	11	6.4	4.8	3.6	2.8	3.7	4.1	5.0	1.7	2.0
MA .....	162	121	99	103	127	5.6	3.9	3.2	3.3	4.0	57.9	84.4	1.9	2.8
RI .....	34	25	20	16	21	7.2	4.9	3.8	3.1	4.1	11.5	14.1	2.6	3.1
CT .....	94	83	58	52	64	5.9	4.9	3.3	3.0	3.7	20.8	28.6	1.3	1.7
Mid. Atl.: NY .....	597	544	412	358	442	7.5	6.5	4.9	4.2	5.1	161.8	180.1	2.0	2.3
NJ .....	259	218	160	151	163	7.2	5.7	4.0	3.8	4.1	70.5	81.4	2.0	2.3
PA .....	425	442	320	294	264	7.8	8.0	5.7	5.1	4.5	118.5	126.9	2.5	2.6
E. No. Cent.: OH .....	426	455	367	320	300	8.4	8.9	7.0	6.0	5.5	89.4	86.0	2.0	1.9
IN .....	252	215	175	150	136	9.6	7.9	6.4	5.3	4.7	29.3	29.3	1.3	1.3
IL .....	458	513	423	392	359	8.3	9.0	7.4	6.8	6.0	104.2	104.6	2.1	2.1
MI .....	534	433	369	348	326	12.4	9.9	8.2	7.6	7.1	116.5	109.4	3.2	3.0
WI .....	167	171	122	110	114	7.2	7.2	6.1	4.3	4.4	43.6	46.1	2.1	2.2
W. No. Cent.: MN .....	125	133	122	94	102	5.9	6.0	5.4	4.0	4.3	35.7	37.1	1.9	1.9
IA .....	82	113	80	67	65	5.8	8.0	5.5	4.5	4.3	17.7	17.8	1.6	1.6
MO .....	167	159	164	148	143	7.2	6.4	6.3	5.7	5.5	44.7	46.1	2.1	2.1
ND .....	15	20	17	16	14	5.0	5.9	5.2	4.8	4.3	5.0	4.5	2.2	2.0
SD .....	16	18	15	14	15	4.9	5.1	4.2	3.9	4.2	3.0	2.6	1.2	1.1
NE .....	31	44	40	29	25	4.1	5.5	4.9	3.6	3.1	8.4	7.5	1.3	1.1
KS .....	53	62	62	61	52	4.5	5.0	4.9	4.8	4.0	19.5	19.8	2.0	2.0
So. Atl.: DE .....	22	17	10	11	13	7.7	5.3	3.2	3.2	3.5	4.3	4.0	1.3	1.2
MD .....	140	103	102	110	93	6.5	4.6	4.2	4.5	3.7	27.0	28.9	1.4	1.5
DC .....	24	27	21	17	16	7.3	8.4	6.3	5.0	5.0	7.5	7.4	1.7	1.7
VA .....	128	161	126	120	123	5.0	5.6	4.2	3.9	3.9	22.5	21.7	0.9	0.8
WV .....	74	100	81	74	66	9.4	13.0	10.8	9.9	8.6	16.9	16.1	3.0	2.8
NC .....	167	167	146	121	119	6.6	5.4	4.5	3.6	3.5	38.7	41.2	1.3	1.4
SC .....	96	107	91	76	80	6.9	6.8	5.6	4.5	4.7	20.6	22.9	1.5	1.6
GA .....	163	187	167	185	177	6.4	6.5	5.5	5.8	5.5	36.0	39.4	1.3	1.4
FL .....	251	319	312	305	348	5.9	6.0	5.3	5.0	5.6	51.0	58.1	1.0	1.1
E. So. Cent.: KY .....	133	161	148	134	108	8.0	9.5	8.8	7.9	6.2	27.9	27.4	2.2	2.1
TN .....	152	180	154	136	121	7.3	8.0	6.6	5.8	5.1	39.5	41.5	2.0	2.0
AL .....	147	160	147	136	134	8.8	8.9	7.8	7.2	7.0	31.3	32.2	2.1	2.2
MS .....	79	115	117	96	91	7.5	10.3	10.2	8.4	7.8	21.8	21.9	2.6	2.5
W. So. Cent.: AR .....	76	91	88	86	82	7.6	8.7	8.1	7.7	7.2	25.0	24.7	3.0	2.9
LA .....	121	229	234	209	151	6.7	11.5	12.0	10.9	7.9	42.4	36.3	3.0	2.5
OK .....	66	112	115	102	85	4.8	7.1	7.4	6.7	5.6	19.6	17.0	1.8	1.6
TX .....	352	564	697	606	567	5.2	7.0	8.4	7.3	6.7	111.8	107.1	1.8	1.7
Mt.: MT .....	23	31	30	27	24	6.1	7.7	7.4	6.8	5.9	7.5	7.1	2.9	2.7
ID .....	34	37	38	28	25	7.9	7.9	8.0	5.8	5.1	11.3	10.8	3.4	3.2
WY .....	9	18	21	15	15	4.0	7.1	8.6	6.3	6.3	3.9	3.5	2.3	2.0
CO .....	88	101	130	109	98	5.9	5.9	7.7	6.4	5.8	26.5	22.9	1.9	1.7
NM .....	42	57	61	54	46	7.5	8.8	8.9	7.8	6.7	11.6	10.9	2.3	2.2
AZ .....	83	96	101	104	89	6.7	6.5	6.2	6.3	5.2	22.9	23.8	1.7	1.7
UT .....	40	43	48	37	37	6.3	5.9	6.4	4.9	4.6	9.5	8.2	1.6	1.3
NV .....	27	41	35	30	30	6.2	8.0	6.3	5.2	5.0	9.4	9.2	1.8	1.7
Pac.: WA .....	157	171	171	141	151	7.9	8.1	7.6	6.2	6.2	60.4	58.5	3.3	3.1
OR .....	108	117	86	82	84	8.3	8.8	8.2	5.8	5.7	31.4	31.9	2.9	2.8
CA .....	790	931	792	743	737	6.8	7.2	5.8	5.3	5.1	318.2	321.1	2.6	2.6
AK .....	18	24	27	23	17	9.7	9.7	10.8	9.3	6.7	10.5	9.1	5.5	4.6
HI .....	21	27	20	16	13	4.9	5.6	3.8	3.2	2.6	6.5	5.1	1.4	1.1

<sup>1</sup> Total unemployment as percent of civilian labor force. <sup>2</sup> Source: U.S. Employment and Training Administration, *Unemployment Insurance, Financial Data*, annual updates. <sup>3</sup> Insured unemployment as percent of average covered employment in the previous year. <sup>4</sup> Includes 32,062 in Puerto Rico and 494 in the Virgin Islands in 1988 and 38,846 in Puerto Rico and 353 in the Virgin Islands in 1989.

Source: Except as noted, U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment*, annual.

**No. 666. U.S. Employment Service Job Openings and Placements, and Index of Help-Wanted Advertising: 1970 to 1989**

[In thousands, except as indicated. Openings 1970-1983, for years ending Sept. 30; beginning 1985, for years ending June 30]

ITEM	1970	1980	1982	1983	1984	1985	1986	1987	1988	1989
Job openings: <sup>1</sup> Received .....	6,130	8,122	6,150	6,494	<sup>2</sup> 5,144	7,529	6,950	6,968	7,240	6,998
Average per month .....	511	677	513	541	<sup>2</sup> 572	627	579	581	603	583
Index of help-wanted advertising in newspapers <sup>3</sup> (1967=100) .....	93	128	86	95	130	138	138	153	157	150

<sup>1</sup> As reported by State employment agencies. Beginning 1985, all placements. <sup>2</sup> Data for nine months from October 1, 1983 through June 30, 1984. <sup>3</sup> Source: The Conference Board, New York, NY, *The Statistical Bulletin*. Further reproduction prohibited without permission. Index based on number of advertisements in classified sections of 51 newspapers, each in a major employment area.

Source: Except as noted, U.S. Employment and Training Administration, unpublished data.

### No. 667. Nonfarm Establishments, Employees, Hours, and Earnings, by Industry: 1960 to 1990

[Based on data from establishment reports. Includes all full- and part-time employees who worked during, or received pay for, any part of the pay period reported. Excludes proprietors, the self-employed, farmworkers, unpaid family workers, private household workers, and Armed Forces. Establishment data shown here conform to industry definitions in the 1987 Standard Industrial Classification Manual and are adjusted to March 1989 employment benchmarks; consequently, may not be comparable with previously published data. Based on the Current Employment Statistics Program; see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series D 127-141 and D 803, 878, 881, 884, and 890.]

ITEM AND YEAR	Total	GOODS-PRODUCING				SERVICE-PRODUCING						
		Total	Mining	Con- struc- tion	Manu- factur- ing	Total	Trans- portation and public utilities	Whole- sale trade	Retail trade	Finance, insur- ance, and real estate	Services	Govern- ment
EMPLOYEES (1,000)												
1960	54,189	20,434	712	2,926	16,796	33,755	4,004	3,153	8,238	2,628	7,378	8,353
1965	60,765	21,926	632	3,232	18,062	38,839	4,036	3,477	9,239	2,977	9,036	10,074
1970	70,880	23,578	623	3,588	19,367	47,302	4,515	4,006	11,034	3,645	11,548	12,554
1975	76,945	22,600	752	3,525	18,323	54,345	4,542	4,430	12,630	4,165	13,892	14,686
1980	90,406	25,658	1,027	4,346	20,285	64,748	5,146	5,292	15,018	5,160	17,890	16,241
1984	94,496	24,727	966	4,383	19,378	69,769	5,159	5,574	16,526	5,689	20,797	16,024
1985	97,519	24,859	927	4,673	19,260	72,660	5,238	5,736	17,336	5,955	21,999	16,394
1986	99,525	24,558	777	4,816	18,965	74,967	5,255	5,774	17,909	6,283	23,053	16,693
1987	102,200	24,708	717	4,967	19,024	77,492	5,372	5,865	18,462	6,547	24,235	17,010
1988	105,536	25,173	713	5,110	19,350	80,363	5,527	6,055	19,077	6,649	25,669	17,386
1989	108,413	25,326	700	5,200	19,426	83,087	5,648	6,271	19,580	6,724	27,096	17,769
1990	110,321	25,001	735	5,204	19,062	85,320	5,839	6,361	19,788	6,832	28,209	18,291
PERCENT DISTRIBUTION												
1960	100.0	37.7	1.3	5.4	31.0	62.3	7.4	5.8	15.2	4.8	13.6	15.4
1965	100.0	36.1	1.0	5.3	29.7	63.9	6.6	5.7	15.2	4.9	14.9	16.6
1970	100.0	33.3	0.9	5.1	27.3	66.7	6.4	5.7	15.6	5.1	16.3	17.7
1975	100.0	29.4	1.0	4.6	23.8	70.6	5.9	5.8	16.4	5.4	18.1	19.1
1980	100.0	28.4	1.1	4.8	22.4	71.6	5.7	5.9	16.6	5.7	19.8	18.0
1984	100.0	26.2	1.0	4.6	20.5	73.8	5.5	5.9	17.5	6.1	22.6	16.8
1985	100.0	25.5	1.0	4.8	19.7	74.5	5.4	5.9	17.8	6.3	23.2	16.8
1986	100.0	24.7	0.8	4.8	19.1	75.3	5.3	5.8	18.0	6.3	23.2	16.8
1987	100.0	24.2	0.7	4.9	18.6	75.8	5.3	5.7	18.1	6.4	23.7	16.6
1988	100.0	23.9	0.7	4.8	18.3	76.1	5.2	5.7	18.1	6.3	24.3	16.5
1989	100.0	23.4	0.6	4.8	17.9	76.6	5.2	5.8	18.1	6.2	25.0	16.4
1990	100.0	22.7	0.7	4.7	17.3	77.3	5.4	5.8	17.9	6.2	25.6	16.6
WEEKLY HOURS <sup>1</sup>												
1960	38.6	(NA)	40.4	36.7	39.7	(NA)	(NA)	40.5	38.0	37.2	(NA)	(NA)
1965	38.8	(NA)	42.3	37.4	41.2	(NA)	41.3	40.8	36.6	37.2	35.9	(NA)
1970	37.1	(NA)	42.7	37.3	39.8	(NA)	40.5	39.9	33.8	36.7	34.4	(NA)
1975	36.1	(NA)	41.9	36.4	39.5	(NA)	39.7	38.6	32.4	36.5	33.5	(NA)
1980	35.3	(NA)	43.3	37.0	39.7	(NA)	39.6	38.4	30.2	36.2	32.6	(NA)
1984	35.2	(NA)	43.3	37.8	40.7	(NA)	39.4	38.5	29.8	36.5	32.6	(NA)
1985	34.9	(NA)	43.4	37.7	40.5	(NA)	39.5	38.4	29.4	36.4	32.5	(NA)
1986	34.8	(NA)	42.2	37.4	40.7	(NA)	39.2	38.3	29.2	36.4	32.5	(NA)
1987	34.8	(NA)	42.4	37.8	41.0	(NA)	39.2	38.1	29.2	36.3	32.5	(NA)
1988	34.7	(NA)	42.3	37.9	41.1	(NA)	38.8	38.1	29.1	35.9	32.6	(NA)
1989	34.6	(NA)	43.0	37.9	41.0	(NA)	38.9	38.0	28.9	35.8	32.6	(NA)
1990	34.5	(NA)	44.0	38.2	40.8	(NA)	38.9	38.1	28.8	35.8	32.6	(NA)
HOURLY EARNINGS <sup>1</sup>												
1960	\$2.09	(NA)	\$2.60	\$3.07	\$2.26	(NA)	(NA)	\$2.24	\$1.52	\$2.02	(NA)	(NA)
1965	2.46	(NA)	2.92	3.70	2.61	(NA)	\$3.03	2.60	1.82	2.39	\$2.05	(NA)
1970	3.23	(NA)	3.85	5.24	3.35	(NA)	3.85	3.43	2.44	3.07	2.81	(NA)
1975	4.53	(NA)	5.95	7.31	4.83	(NA)	5.88	4.72	3.36	4.06	4.02	(NA)
1980	6.66	(NA)	9.17	9.94	7.27	(NA)	8.87	6.95	4.88	5.79	5.85	(NA)
1984	8.32	(NA)	11.63	12.13	9.19	(NA)	11.12	8.88	5.85	7.63	7.59	(NA)
1985	8.57	(NA)	11.98	12.32	9.54	(NA)	11.40	9.15	5.94	7.94	7.90	(NA)
1986	8.76	(NA)	12.46	12.48	9.73	(NA)	11.70	9.34	6.03	8.36	8.18	(NA)
1987	8.98	(NA)	12.54	12.71	9.91	(NA)	12.03	9.59	6.12	8.73	8.49	(NA)
1988	9.28	(NA)	12.80	13.08	10.19	(NA)	12.26	9.98	6.31	9.06	8.88	(NA)
1989	9.66	(NA)	13.25	13.52	10.49	(NA)	12.61	10.39	6.53	9.54	9.39	(NA)
1990	10.03	(NA)	13.65	13.73	10.84	(NA)	12.95	10.80	6.78	9.99	9.86	(NA)
WEEKLY EARNINGS <sup>1</sup>												
1960	\$81	(NA)	\$105	\$113	\$90	(NA)	(NA)	\$91	\$58	\$75	(NA)	(NA)
1965	95	(NA)	124	138	108	(NA)	\$125	106	67	89	\$74	(NA)
1970	120	(NA)	164	195	133	(NA)	156	137	82	113	97	(NA)
1975	164	(NA)	249	266	191	(NA)	233	182	109	148	135	(NA)
1980	235	(NA)	397	368	289	(NA)	351	267	147	210	191	(NA)
1984	293	(NA)	504	459	374	(NA)	438	342	174	278	247	(NA)
1985	299	(NA)	520	464	386	(NA)	450	351	175	289	256	(NA)
1986	305	(NA)	526	467	396	(NA)	459	358	176	304	266	(NA)
1987	313	(NA)	532	480	406	(NA)	472	365	179	316	276	(NA)
1988	322	(NA)	541	496	419	(NA)	476	380	184	325	289	(NA)
1989	334	(NA)	570	512	430	(NA)	491	395	189	342	306	(NA)
1990	346	(NA)	601	524	442	(NA)	504	412	195	358	321	(NA)

NA Not available. <sup>1</sup> Average hours and earnings. Private production and related workers in mining, manufacturing, and construction; nonsupervisory employees in other industries.  
Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

## No. 668. Employees in Nonfarm Establishments—States: 1980 to 1989

[In thousands. For coverage, see headnote, table 667. National totals differ from the sum of the State figures because of differing benchmarks among States and differing industrial and geographic stratification. Based on 1987 *Standard Industrial Classification Manual*, see text, section 13.]

DIVISION AND STATE	1980	1985	1987	1988	1989							
					Total <sup>1</sup>	Con- struction	Manu- facturing	Trans- portation and public utilities	Whole- sale and retail trade	Finance, insur- ance, and real estate	Serv- ices	Government
<b>U.S. . . .</b>	<b>90,406</b>	<b>97,519</b>	<b>102,200</b>	<b>105,536</b>	<b>108,413</b>	<b>5,200</b>	<b>19,426</b>	<b>5,648</b>	<b>25,851</b>	<b>6,724</b>	<b>27,096</b>	<b>17,769</b>
<b>Northeast . . .</b>	<b>20,502</b>	<b>21,962</b>	<b>22,974</b>	<b>23,460</b>	<b>23,678</b>	<b>1,045</b>	<b>4,196</b>	<b>1,168</b>	<b>5,378</b>	<b>1,801</b>	<b>6,467</b>	<b>3,584</b>
<b>N.E. . . . .</b>	<b>5,481</b>	<b>6,067</b>	<b>6,418</b>	<b>6,573</b>	<b>6,588</b>	<b>307</b>	<b>1,300</b>	<b>266</b>	<b>1,574</b>	<b>468</b>	<b>1,789</b>	<b>881</b>
ME . . . .	418	458	501	527	544	33	106	22	139	26	124	95
NH . . . .	385	466	513	529	527	31	114	18	137	33	124	70
VT . . . .	200	225	246	256	261	18	48	10	62	13	67	42
MA . . . .	2,652	2,926	3,062	3,126	3,115	128	563	128	746	218	925	406
RI . . . .	398	429	452	459	461	20	109	15	107	27	124	59
CT . . . .	1,427	1,562	1,645	1,675	1,680	76	360	73	384	152	425	209
<b>M.A. . . . .</b>	<b>15,021</b>	<b>15,896</b>	<b>16,556</b>	<b>16,887</b>	<b>17,090</b>	<b>739</b>	<b>2,896</b>	<b>902</b>	<b>3,804</b>	<b>1,334</b>	<b>4,678</b>	<b>2,703</b>
NY . . . .	7,207	7,751	8,059	8,186	8,265	336	1,192	407	1,736	795	2,347	1,447
NJ . . . .	3,060	3,414	3,582	3,660	3,710	168	654	242	891	243	952	559
PA . . . .	4,753	4,730	4,915	5,042	5,115	235	1,050	254	1,176	296	1,379	697
<b>Midwest . . .</b>	<b>23,634</b>	<b>23,995</b>	<b>25,089</b>	<b>25,871</b>	<b>26,505</b>	<b>1,038</b>	<b>5,670</b>	<b>1,354</b>	<b>6,470</b>	<b>1,512</b>	<b>6,225</b>	<b>4,145</b>
<b>E.N.C. . . .</b>	<b>16,728</b>	<b>16,841</b>	<b>17,641</b>	<b>18,181</b>	<b>18,598</b>	<b>736</b>	<b>4,271</b>	<b>900</b>	<b>4,484</b>	<b>1,054</b>	<b>4,331</b>	<b>2,764</b>
OH . . . .	4,367	4,373	4,583	4,701	4,817	193	1,123	216	1,168	253	1,141	706
IN . . . .	2,130	2,169	2,305	2,396	2,467	115	642	128	590	122	503	359
IL . . . .	4,850	4,755	4,928	5,098	5,179	210	982	304	1,275	372	1,279	738
MI . . . .	3,443	3,562	3,736	3,819	3,905	138	968	152	920	189	900	627
WI . . . .	1,938	1,983	2,090	2,169	2,230	81	556	100	530	118	509	334
<b>W.N.C. . . .</b>	<b>6,905</b>	<b>7,154</b>	<b>7,447</b>	<b>7,690</b>	<b>7,908</b>	<b>302</b>	<b>1,400</b>	<b>454</b>	<b>1,986</b>	<b>458</b>	<b>1,894</b>	<b>1,382</b>
MN . . . .	1,770	1,865	1,958	2,028	2,091	79	399	105	517	121	534	328
IA . . . .	1,110	1,074	1,109	1,156	1,200	41	234	56	306	68	276	217
MO . . . .	1,970	2,095	2,198	2,259	2,308	98	439	151	569	135	553	359
ND . . . .	245	252	253	257	260	10	16	17	69	12	66	66
SD . . . .	238	249	257	266	275	10	32	13	73	16	67	61
NE . . . .	628	651	667	688	706	24	95	46	184	48	167	141
KS . . . .	945	968	1,005	1,035	1,068	41	185	66	267	58	231	211
<b>South . . . .</b>	<b>29,147</b>	<b>32,390</b>	<b>33,826</b>	<b>34,987</b>	<b>35,910</b>	<b>1,899</b>	<b>6,153</b>	<b>1,935</b>	<b>8,657</b>	<b>1,989</b>	<b>8,337</b>	<b>6,531</b>
<b>S.A. . . . .</b>	<b>14,695</b>	<b>16,789</b>	<b>18,169</b>	<b>18,872</b>	<b>19,442</b>	<b>1,161</b>	<b>3,181</b>	<b>991</b>	<b>4,725</b>	<b>1,107</b>	<b>4,715</b>	<b>3,486</b>
DE . . . .	259	293	321	334	343	20	73	15	75	30	83	48
MD . . . .	1,712	1,888	2,028	2,102	2,148	162	209	101	541	131	591	411
DC . . . .	616	629	656	674	683	14	16	25	64	34	253	277
VA . . . .	2,157	2,455	2,680	2,773	2,864	196	428	149	657	152	703	563
WV . . . .	646	597	599	610	613	23	88	36	145	24	138	125
NC . . . .	2,380	2,651	2,863	2,987	3,068	164	868	152	713	132	560	473
SC . . . .	1,189	1,296	1,392	1,449	1,502	93	391	64	339	68	275	271
GA . . . .	2,159	2,570	2,782	2,878	2,945	147	568	184	752	164	610	513
FL . . . .	3,576	4,410	4,848	5,067	5,276	341	541	266	1,440	372	1,502	805
<b>E.S.C. . . .</b>	<b>5,142</b>	<b>5,384</b>	<b>5,712</b>	<b>5,929</b>	<b>6,097</b>	<b>276</b>	<b>1,435</b>	<b>318</b>	<b>1,401</b>	<b>274</b>	<b>1,234</b>	<b>1,102</b>
KY . . . .	1,210	1,250	1,328	1,382	1,434	66	284	77	347	61	313	253
TN . . . .	1,747	1,868	2,012	2,092	2,153	97	524	115	508	104	465	334
AL . . . .	1,356	1,427	1,508	1,559	1,588	76	384	80	349	71	302	315
MS . . . .	829	839	864	896	921	36	243	46	198	39	153	200
<b>W.S.C. . . .</b>	<b>9,311</b>	<b>10,217</b>	<b>9,946</b>	<b>10,186</b>	<b>10,371</b>	<b>463</b>	<b>1,537</b>	<b>626</b>	<b>2,531</b>	<b>608</b>	<b>2,388</b>	<b>1,943</b>
AR . . . .	742	797	837	865	892	33	230	55	204	38	174	154
LA . . . .	1,579	1,591	1,484	1,512	1,516	80	174	106	366	79	345	312
OK . . . .	1,138	1,165	1,109	1,132	1,154	35	163	65	276	59	259	254
TX . . . .	5,851	6,663	6,517	6,678	6,810	315	970	401	1,686	433	1,610	1,222
<b>West . . . .</b>	<b>17,578</b>	<b>19,486</b>	<b>20,559</b>	<b>21,315</b>	<b>22,120</b>	<b>1,117</b>	<b>3,417</b>	<b>1,155</b>	<b>5,320</b>	<b>1,383</b>	<b>5,727</b>	<b>3,849</b>
<b>Mt. . . . .</b>	<b>4,502</b>	<b>5,110</b>	<b>5,258</b>	<b>5,421</b>	<b>5,614</b>	<b>283</b>	<b>643</b>	<b>324</b>	<b>1,364</b>	<b>314</b>	<b>1,511</b>	<b>1,081</b>
MT . . . .	280	279	274	283	291	10	22	20	78	13	72	70
ID . . . .	330	336	333	349	367	16	61	19	94	19	76	78
WY . . . .	210	207	183	189	194	10	9	14	44	7	37	55
CO . . . .	1,251	1,419	1,413	1,436	1,472	59	193	93	360	96	381	271
NM . . . .	465	520	529	548	561	31	42	29	134	27	139	145
AZ . . . .	1,014	1,279	1,386	1,419	1,457	86	188	77	367	93	389	246
UT . . . .	551	624	640	660	691	26	103	41	166	33	167	146
NV . . . .	400	446	500	538	582	46	25	31	120	26	251	71
<b>Pac. . . . .</b>	<b>13,076</b>	<b>14,376</b>	<b>15,301</b>	<b>15,894</b>	<b>16,506</b>	<b>834</b>	<b>2,774</b>	<b>831</b>	<b>3,956</b>	<b>1,070</b>	<b>4,216</b>	<b>2,767</b>
WA . . . .	1,608	1,710	1,852	1,943	2,045	107	361	108	501	112	473	379
OR . . . .	1,045	1,030	1,100	1,156	1,207	45	217	63	310	75	280	215
CA . . . .	9,849	10,979	11,679	12,103	12,522	644	2,159	600	2,968	836	3,272	2,002
AK . . . .	169	231	210	214	227	10	16	21	44	11	47	69
HI . . . .	405	426	460	478	505	29	21	40	133	35	145	102

<sup>1</sup> Includes mining, not shown separately.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly. Compiled from data supplied by cooperating State agencies.

# **No. 669. Nonfarm Industries—Number of Employees, and Number and Earnings of Production Workers: 1980 to 1989**

[Annual averages of monthly figures. Covers all full- and part-time employees who worked during, or received pay for, any part of the pay period including the 12th of the month. For mining and manufacturing, data refer to production and related workers; for construction, to employees engaged in actual construction work; and for other industries, to nonsupervisory employees and working supervisors. See also headnote, table 667. See *Historical Statistics, Colonial Times to 1970*, series D 127-151, D 802-810, and D 877-892, for related data]

1987 SIC code	INDUSTRY	ALL EMPLOYEES TOTAL (1,000)			PRODUCTION WORKERS					
					Total (1,000)			Average hourly earnings (dollars)		
		1980	1985	1989	1980	1985	1989	1980	1985	1989
(X)	<b>Total</b> .....	<b>90,406</b>	<b>97,519</b>	<b>108,413</b>	<b>(NA)</b>	<b>(NA)</b>	<b>(NA)</b>	<b>(NA)</b>	<b>(NA)</b>	<b>(NA)</b>
(X)	<b>Private sector</b> <sup>2</sup> .....	<b>74,166</b>	<b>81,125</b>	<b>90,644</b>	<b>60,331</b>	<b>65,586</b>	<b>73,474</b>	<b>6.66</b>	<b>8.57</b>	<b>9.86</b>
(B)	<b>Mining</b> .....	<b>1,027</b>	<b>927</b>	<b>700</b>	<b>762</b>	<b>658</b>	<b>499</b>	<b>9.17</b>	<b>11.98</b>	<b>13.25</b>
10	Metal mining.....	98	46	57	74	34	45	10.26	13.38	13.59
12	Coal mining.....	246	187	146	204	153	118	10.86	15.24	16.25
13	Oil and gas extraction.....	560	583	386	389	387	252	8.59	11.06	12.48
14	Nonmetallic minerals, except fuels.....	123	110	112	96	84	85	7.52	10.18	11.25
(C)	<b>Construction</b> .....	<b>4,346</b>	<b>4,673</b>	<b>5,200</b>	<b>3,421</b>	<b>3,659</b>	<b>4,059</b>	<b>9.94</b>	<b>12.32</b>	<b>13.52</b>
15	General building contractors.....	1,173	1,253	1,338	900	935	974	9.22	11.23	12.68
16	Heavy construction, except building.....	895	765	779	720	629	649	9.20	12.08	13.19
17	Special trade contractors.....	2,278	2,656	3,084	1,802	2,094	2,436	10.63	12.89	13.97
(D)	<b>Manufacturing</b> .....	<b>20,285</b>	<b>19,260</b>	<b>19,426</b>	<b>14,214</b>	<b>13,092</b>	<b>13,257</b>	<b>7.27</b>	<b>9.54</b>	<b>10.49</b>
(X)	<b>Durable goods</b> .....	<b>12,159</b>	<b>11,463</b>	<b>11,422</b>	<b>8,472</b>	<b>7,673</b>	<b>7,615</b>	<b>7.75</b>	<b>10.09</b>	<b>11.01</b>
24	Lumber and wood products <sup>3</sup> .....	705	712	758	587	593	627	6.57	8.25	8.84
241	Logging.....	88	84	87	71	67	72	8.64	10.92	11.15
242	Sawmills and planing mills.....	215	195	202	190	172	176	6.70	8.52	9.02
243	Millwork, plywood, and structural members.....	207	236	270	170	195	220	6.44	8.09	8.73
244	Wood containers.....	43	41	44	37	35	38	4.95	5.81	6.51
2451	Mobile homes.....	46	51	44	36	41	35	6.08	7.34	8.39
25	Furniture and fixtures <sup>3</sup> .....	466	494	526	376	394	420	5.49	7.17	8.26
251	Household furniture.....	301	295	303	253	247	256	5.12	6.56	7.61
252	Office furniture.....	51	66	72	40	51	53	5.91	8.06	9.35
254	Partitions and fixtures.....	63	70	81	47	51	59	6.68	8.68	9.64
32	Stone, clay, and glass products <sup>3</sup> .....	629	557	569	486	427	444	7.50	9.84	10.83
321	Flat glass.....	18	16	17	14	12	14	9.85	13.79	15.02
322	Glass and glassware, pressed and blown.....	124	91	87	105	77	75	7.97	10.78	12.00
323	Products of purchased glass.....	45	50	57	32	35	44	6.50	8.49	9.42
324	Cement, hydraulic.....	31	23	19	25	18	14	10.55	13.27	13.65
325	Structural clay products.....	46	38	38	34	29	29	6.14	8.01	9.22
326	Pottery and related products.....	47	39	40	39	30	32	6.25	8.65	9.47
327	Concrete, gypsum, and plaster.....	204	206	213	157	160	163	7.45	9.60	10.53
33	Primary metal industries.....	1,142	808	772	878	612	589	9.77	11.67	12.42
331	Blast furnaces and basic steel products.....	512	303	278	396	232	214	11.39	13.33	14.25
332	Iron and steel foundries.....	209	141	138	167	112	110	8.20	10.51	11.15
333	Primary nonferrous metals.....	71	45	46	53	33	34	10.63	13.74	13.72
335	Nonferrous rolling and drawing.....	211	188	178	151	133	128	8.81	11.05	11.89
336	Nonferrous foundries (castings).....	90	87	87	72	70	70	7.30	9.32	9.86
34	Fabricated metal products.....	1,609	1,465	1,446	1,194	1,084	1,071	7.45	9.71	10.57
341	Metal cans and shipping containers.....	75	58	53	63	50	45	9.84	13.10	13.84
342	Cutlery, handtools, and hardware.....	164	142	133	125	105	98	7.02	9.71	10.46
343	Plumbing and heating, exc. electric.....	71	65	63	52	46	46	6.59	8.63	9.47
344	Fabricated structural metal products.....	507	437	431	351	305	308	7.27	9.02	9.91
345	Screw machine products.....	109	96	100	84	74	76	6.96	9.11	10.33
346	Metal forgings and stampings.....	261	247	232	205	198	185	8.56	11.62	12.58
35	Industrial machinery and equipment <sup>3</sup> .....	2,517	2,196	2,132	1,614	1,321	1,286	8.00	10.30	11.40
351	Engines and turbines.....	135	105	92	87	66	62	9.73	13.02	14.05
352	Farm and garden machinery.....	169	98	105	116	66	76	8.78	9.93	10.81
353	Construction and related machinery.....	389	253	223	255	156	137	8.60	10.91	11.49
354	Metalworking machinery.....	399	331	337	290	236	242	8.13	10.53	11.87
355	Special industry machinery.....	195	158	162	125	95	98	7.53	10.18	11.54
356	General industrial machinery.....	300	248	243	196	158	157	7.95	10.06	10.83
357	Computer and office equipment.....	421	501	462	181	184	147	6.75	9.34	11.00
358	Refrigeration and service machinery.....	175	173	191	120	120	137	7.23	10.09	10.65
36	Electronic and other elec. equip. <sup>3</sup> .....	1,771	1,859	1,753	( <sup>4</sup> )	( <sup>4</sup> )	1,108	( <sup>4</sup> )	( <sup>4</sup> )	10.05
361	Electric distribution equipment.....	117	108	100	82	78	71	6.96	8.83	9.60
362	Electrical industrial apparatus.....	232	192	177	163	134	126	( <sup>4</sup> )	( <sup>4</sup> )	9.88
363	Household appliances.....	162	134	133	128	105	107	6.95	9.23	10.17
364	Electric lighting and wiring equip.....	188	200	196	157	145	142	6.43	8.68	9.84
365	Household audio and video equip.....	109	84	88	79	57	62	6.42	9.33	9.57
366	Communications equipment.....	( <sup>4</sup> )	( <sup>4</sup> )	271	( <sup>4</sup> )	( <sup>4</sup> )	137	( <sup>4</sup> )	( <sup>4</sup> )	11.07
367	Electronic components and accessories.....	539	645	618	325	365	345	6.05	8.30	9.56
37	Transportation equipment <sup>3</sup> .....	1,881	1,960	2,054	1,220	1,244	1,280	9.35	12.71	13.68
371	Motor vehicles and equipment.....	789	884	857	575	685	663	9.85	13.39	14.25
372	Aircraft and parts.....	636	616	712	344	295	344	9.28	12.62	14.18
373	Ship and boat building and repairing.....	221	187	195	176	140	146	8.22	10.51	10.58
374	Railroad equipment.....	71	33	34	53	23	25	9.93	12.53	12.75
376	Guided missiles, space vehicles, and parts.....	111	177	195	35	62	60	9.22	12.14	13.70

See footnotes at end of table.

# No. 669. Nonfarm Industries—Number of Employees, and Number and Earnings of Production Workers: 1980 to 1989—Continued

(See headnote, p. 408)

1987 SIC code	INDUSTRY	ALL EMPLOYEES TOTAL (1,000)			PRODUCTION WORKERS					
					Total (1,000)			Average hourly earnings (dollars)		
		1980	1985	1989	1980	1985	1989	1980	1985	1989
38	Instruments and related products. . . . .	1,022	1,045	1,026	(*)	(*)	509	(*)	(*)	10.83
381	Search and navigation equipment. . . . .	(*)	(*)	299	(*)	(*)	101	(*)	(*)	13.75
382	Measuring and controlling devices. . . . .	(*)	(*)	330	(*)	(*)	186	(*)	(*)	10.22
384	Medical instruments and supplies. . . . .	(*)	(*)	239	(*)	(*)	140	(*)	(*)	9.42
385	Ophthalmic goods. . . . .	44	40	39	31	26	27	5.30	6.94	7.76
386	Photographic equipment and supplies. . . . .	135	123	106	67	57	47	8.83	12.05	13.42
387	Watches, clocks, watchcases, and parts. . . . .	22	12	12	17	9	9	5.24	6.87	7.47
39	Misc. manufacturing industries <sup>3</sup> . . . . .	418	367	386	313	264	281	5.46	7.30	8.29
391	Jewelry, silverware, and plated ware. . . . .	56	55	54	40	37	38	5.76	7.78	8.94
394	Toys and sporting goods. . . . .	117	95	105	88	70	77	5.01	6.65	7.63
395	Pens, pencils, office and art supplies. . . . .	37	33	36	27	22	25	5.58	7.70	8.20
396	Costume jewelry and notions. . . . .	(*)	(*)	36	(*)	(*)	29	(*)	(*)	7.24
(X)	<b>Nondurable goods</b> . . . . .	<b>8,127</b>	<b>7,796</b>	<b>8,004</b>	<b>5,798</b>	<b>5,470</b>	<b>5,642</b>	<b>6.56</b>	<b>8.72</b>	<b>9.75</b>
20	Food and kindred products <sup>3</sup> . . . . .	1,708	1,603	1,645	1,175	1,118	1,177	6.85	8.57	9.38
201	Meat products. . . . .	358	362	410	298	305	347	6.99	7.23	7.77
202	Dairy products. . . . .	175	163	157	96	96	96	6.86	9.17	10.20
203	Preserved fruits and vegetables. . . . .	246	226	245	202	186	202	5.94	7.81	8.71
204	Grain mill products. . . . .	144	125	125	99	85	87	7.67	10.38	11.42
205	Bakery products. . . . .	230	216	213	139	133	132	7.14	9.59	10.48
206	Sugar and confectionery products. . . . .	108	99	102	81	76	81	6.56	8.61	9.93
207	Fats and oils. . . . .	44	35	31	32	26	23	7.03	8.80	9.83
208	Beverages. . . . .	234	214	192	105	92	82	8.12	11.38	13.04
21	Tobacco products. . . . .	69	64	49	54	48	37	7.74	11.96	15.36
211	Cigarettes. . . . .	46	44	36	35	32	26	9.23	14.71	18.52
22	Textile mill products <sup>3</sup> . . . . .	848	702	724	737	607	626	5.07	6.70	7.67
221	Broadwoven fabric mills, cotton. . . . .	150	106	96	135	95	86	5.25	7.01	8.00
222	Broadwoven fabric mills, synthetics. . . . .	116	90	85	104	80	75	5.30	7.15	8.29
223	Broadwoven fabric mills, wool. . . . .	19	17	19	16	15	15	5.21	7.07	8.41
224	Narrow fabric mills. . . . .	23	22	25	20	19	21	4.63	6.39	7.15
225	Knitting mills. . . . .	224	201	216	194	175	190	4.77	6.17	6.99
226	Textile finishing, except wool. . . . .	74	59	62	62	49	50	5.39	7.12	8.15
227	Carpets and rugs. . . . .	54	54	63	44	44	51	5.20	6.92	7.96
228	Yarn and thread mills. . . . .	125	101	107	113	90	96	4.76	6.26	7.39
23	Apparel and other textile products <sup>3</sup> . . . . .	1,264	1,121	1,074	1,079	945	906	4.56	5.73	6.35
231	Men's and boys' suits and coats. . . . .	77	63	54	67	55	47	5.34	6.65	7.13
232	Men's and boys' furnishings. . . . .	362	312	286	310	270	247	4.23	5.27	5.77
233	Women's and misses outerwear. . . . .	417	362	342	360	302	287	4.61	5.56	6.09
234	Women's and children's undergarments. . . . .	90	77	66	76	65	55	4.15	5.29	5.94
236	Girls' and children's outerwear. . . . .	64	61	59	55	51	49	4.20	5.07	5.69
26	Paper and allied products <sup>3</sup> . . . . .	685	671	697	519	509	522	7.84	10.83	11.96
262	Papermills. . . . .	179	177	178	133	133	134	9.05	13.14	14.65
263	Paperboard mills. . . . .	65	55	52	51	42	40	9.28	13.60	14.76
265	Paperboard containers and boxes. . . . .	205	197	210	157	152	162	6.94	9.24	10.17
267	Misc. converted paper products. . . . .	220	229	241	163	168	173	6.89	9.33	10.47
27	Printing and publishing <sup>3</sup> . . . . .	1,252	1,428	1,564	699	789	868	7.53	9.71	10.88
271	Newspapers. . . . .	420	451	473	164	169	166	7.72	9.77	10.85
272	Periodicals. . . . .	90	113	129	16	29	46	7.16	10.20	11.51
273	Books. . . . .	101	107	120	52	54	64	6.76	8.70	9.71
275	Commercial printing. . . . .	410	489	546	304	356	397	7.85	10.05	11.14
278	Blankbooks and bookbinding. . . . .	62	70	76	51	57	59	5.78	7.63	8.68
28	Chemicals and allied products. . . . .	1,107	1,044	1,074	626	578	603	8.30	11.56	13.09
281	Industrial inorganic chemicals. . . . .	161	143	133	88	72	69	9.07	12.80	14.19
282	Plastics materials and synthetics. . . . .	205	172	184	137	114	120	8.21	11.71	13.44
283	Drugs. . . . .	196	206	233	97	95	102	7.69	10.75	12.51
284	Soap, cleaners, and toilet goods. . . . .	141	148	160	86	94	101	7.67	10.28	11.28
285	Paints and allied products. . . . .	65	64	63	33	31	32	7.39	10.08	11.66
286	Industrial organic chemicals. . . . .	174	160	150	88	82	87	9.67	13.98	15.65
287	Agricultural chemicals. . . . .	72	59	53	45	37	33	8.12	11.03	12.79
29	Petroleum and coal products <sup>3</sup> . . . . .	198	179	157	125	109	103	10.10	14.06	15.41
291	Petroleum refining. . . . .	155	141	118	93	82	75	10.94	15.25	16.62
295	Asphalt paving and roofing materials. . . . .	31	26	27	24	20	21	7.69	10.56	12.23
30	Rubber and misc. plastics products <sup>3</sup> . . . . .	765	819	884	586	632	688	6.58	8.60	9.47
301	Tires and inner tubes. . . . .	115	94	85	81	65	64	9.74	13.21	15.01
302	Rubber and plastics footwear. . . . .	22	13	11	20	11	9	4.43	5.68	6.56
31	Leather and leather products. . . . .	233	165	136	197	137	113	4.58	5.83	6.80
311	Leather tanning and finishing. . . . .	19	15	15	16	12	12	6.10	7.62	8.74
314	Footwear, except rubber. . . . .	144	99	77	129	84	65	4.42	5.53	6.28
316	Luggage. . . . .	16	11	11	12	8	8	4.90	6.46	6.59
317	Handbags and personal leather goods. . . . .	30	21	16	25	17	13	4.33	5.61	5.97

See footnotes at end of table.

**No. 669. Nonfarm Industries—Number of Employees, and Number and Earnings of Production Workers: 1980 to 1989—Continued**

[See headnote, p. 408]

1987 SIC code	INDUSTRY	ALL EMPLOYEES TOTAL (1,000)			PRODUCTION WORKERS					
					Total (1,000)			Average hourly earnings (dollars)		
		1980	1985	1989	1980	1985	1989	1980	1985	1989
(E)	<b>Transp. and public utilities</b> <sup>3</sup> . . .	<b>5,146</b>	<b>5,238</b>	<b>5,648</b>	<b>4,293</b>	<b>4,339</b>	<b>4,694</b>	<b>8.87</b>	<b>11.40</b>	<b>12.61</b>
40	Railroad transportation . . . . .	532	359	294	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
4011	Class I railroads <sup>3</sup> . . . . .	482	323	252	(4)	( <sup>1</sup> )	( <sup>1</sup> )	69.92	13.64	15.68
41	Local and interurban passenger transit . . . . .	265	278	328	244	257	300	6.34	7.68	8.87
42	Trucking and warehousing . . . . .	1,280	1,363	1,606	1,121	1,187	1,402	9.13	10.52	11.38
44	Water transportation . . . . .	211	185	173	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
45	Transportation by air . . . . .	453	522	697	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
46	Pipelines, except natural gas . . . . .	21	19	19	15	13	14	10.50	15.26	16.20
47	Transportation services . . . . .	198	276	334	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
48	Communication <sup>3</sup> . . . . .	1,357	1,320	1,265	1,014	1,006	945	8.50	11.75	13.18
481	Telephone communication . . . . .	1,072	921	877	779	687	629	8.72	12.45	13.88
483	Radio and television broadcasting . . . . .	192	229	232	154	187	192	7.44	10.26	12.11
484	Cable and other pay television services . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	118	( <sup>1</sup> )	( <sup>1</sup> )	100	( <sup>1</sup> )	( <sup>1</sup> )	10.08
49	Electric, gas, and sanitary services <sup>3</sup> . . . . .	829	917	934	678	731	739	8.90	12.83	14.73
491	Electric services . . . . .	391	448	444	316	349	340	9.12	12.94	15.04
492	Gas production and distribution . . . . .	168	175	164	138	137	129	8.27	11.76	13.75
493	Combination utility services . . . . .	197	203	192	162	166	156	9.64	14.93	17.26
495	Sanitary services . . . . .	50	66	105	44	57	91	7.16	9.59	11.26
(F)	<b>Wholesale trade</b> . . . . .	<b>5,292</b>	<b>5,736</b>	<b>6,271</b>	<b>4,328</b>	<b>4,616</b>	<b>5,048</b>	<b>6.95</b>	<b>9.15</b>	<b>10.39</b>
(G)	<b>Retail trade</b> <sup>3</sup> . . . . .	<b>15,018</b>	<b>17,336</b>	<b>19,580</b>	<b>13,484</b>	<b>15,439</b>	<b>17,353</b>	<b>4.88</b>	<b>5.94</b>	<b>6.53</b>
53	General merchandise stores . . . . .	2,245	2,324	2,535	2,090	2,174	2,362	4.77	5.92	6.63
54	Food stores . . . . .	2,384	2,775	3,190	2,202	2,567	2,939	6.24	7.35	7.16
55	Automotive dealers and service stations . . . . .	1,689	1,890	2,109	1,430	1,586	1,763	5.66	7.41	8.57
56	Apparel and accessory stores . . . . .	957	1,041	1,192	820	875	1,003	4.30	5.25	6.02
57	Furniture and home furnishings stores . . . . .	806	735	834	502	608	685	5.53	7.13	8.36
58	Eating and drinking places . . . . .	4,626	5,709	6,449	4,256	5,194	5,861	3.69	4.33	4.75
(H)	<b>Finance, insurance, real estate</b> . . . . .	<b>5,160</b>	<b>5,955</b>	<b>6,724</b>	<b>3,907</b>	<b>4,415</b>	<b>4,870</b>	<b>5.79</b>	<b>7.94</b>	<b>9.54</b>
60	Depository institutions . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	2,287	( <sup>1</sup> )	( <sup>1</sup> )	1,859	( <sup>1</sup> )	( <sup>1</sup> )	8.15
61	Nondepository institutions . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	364	( <sup>1</sup> )	( <sup>1</sup> )	261	( <sup>1</sup> )	( <sup>1</sup> )	9.74
62	Security and commodity brokers . . . . .	227	355	431	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
63	Insurance carriers . . . . .	1,224	1,292	1,449	854	883	966	6.29	8.61	10.67
64	Insurance, agents, brokers, service . . . . .	464	549	654	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
65	Real estate . . . . .	989	1,137	1,314	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
67	Holding and other investment offices . . . . .	115	166	225	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
(I)	<b>Services</b> <sup>3</sup> . . . . .	<b>17,890</b>	<b>21,999</b>	<b>27,096</b>	<b>15,921</b>	<b>19,368</b>	<b>23,695</b>	<b>5.85</b>	<b>7.90</b>	<b>9.39</b>
70	Hotels and other lodging places . . . . .	1,076	1,336	1,601	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
701	Hotels and motels . . . . .	1,038	1,290	1,549	954	1,158	1,377	4.45	5.83	6.68
72	Personal services . . . . .	818	959	1,083	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
721	Laundry, cleaning, garment services . . . . .	356	380	420	318	339	373	4.47	5.79	6.57
723	Beauty shops . . . . .	284	334	367	264	302	327	4.26	6.09	6.89
73	Business services <sup>3</sup> . . . . .	2,564	3,691	4,931	( <sup>1</sup> )	( <sup>1</sup> )	4,343	( <sup>1</sup> )	( <sup>1</sup> )	9.09
731	Advertising . . . . .	153	196	236	116	145	175	8.07	10.74	13.04
736	Personnel supply services . . . . .	543	895	1,429	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
7361	Employment agencies . . . . .	( <sup>1</sup> )	160	236	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
7363	Help supply services . . . . .	( <sup>1</sup> )	734	1,193	( <sup>1</sup> )	715	1,158	( <sup>1</sup> )	6.50	7.73
737	Computer and data processing services . . . . .	304	542	745	254	447	580	7.16	10.98	14.18
7372	Prepackaged software . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	100	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
7374	Data processing and preparation . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	204	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
75	Auto repair, services, and parking . . . . .	571	731	887	488	614	734	6.10	7.40	8.47
753	Automotive repair shops . . . . .	350	446	509	297	372	418	6.52	7.99	9.34
78	Motion pictures . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	376	( <sup>1</sup> )	( <sup>1</sup> )	317	( <sup>1</sup> )	( <sup>1</sup> )	10.26
783	Motion picture theaters . . . . .	124	108	110	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
79	Amusement and recreation services . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	1,047	( <sup>1</sup> )	( <sup>1</sup> )	925	( <sup>1</sup> )	( <sup>1</sup> )	7.83
80	Health services <sup>3</sup> . . . . .	5,278	6,299	7,551	4,712	5,607	6,713	5.68	8.06	9.83
801	Offices and clinics of medical doctors . . . . .	802	1,030	1,288	( <sup>1</sup> )	858	1,064	( <sup>1</sup> )	8.02	9.78
805	Nursing and personal care facilities . . . . .	997	1,199	1,370	898	1,085	1,238	4.17	5.61	6.79
806	Hospitals . . . . .	2,750	2,997	3,472	2,522	2,732	3,176	6.06	9.00	11.21
808	Home health care services . . . . .	( <sup>1</sup> )	152	249	( <sup>1</sup> )	( <sup>1</sup> )	230	( <sup>1</sup> )	( <sup>1</sup> )	7.88
81	Legal services . . . . .	498	694	892	427	598	740	7.35	10.52	13.43
82	Educational services . . . . .	1,138	1,362	1,673	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
83	Social services . . . . .	1,134	1,354	1,713	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
86	Membership organizations . . . . .	1,539	1,520	1,814	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
87	Engineering and management services . . . . .	( <sup>1</sup> )	( <sup>1</sup> )	2,383	( <sup>1</sup> )	( <sup>1</sup> )	1,835	( <sup>1</sup> )	( <sup>1</sup> )	13.00
(J)	<b>Government</b> . . . . .	<b>16,241</b>	<b>16,394</b>	<b>17,769</b>	<b>(NA)</b>	<b>(NA)</b>	<b>(NA)</b>	<b>(NA)</b>	<b>(NA)</b>	<b>(NA)</b>
(X)	Federal government . . . . .	2,866	2,875	2,988	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
(X)	State government . . . . .	3,610	3,832	4,175	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
(X)	Local government . . . . .	9,765	9,687	10,606	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. X Not applicable. <sup>1</sup> 1987 Standard Industrial Classification, see text, section 13. <sup>2</sup> Excludes government. <sup>3</sup> Includes industries not shown separately. <sup>4</sup> Included in totals; not available separately. <sup>5</sup> For changes in "Class I" classification, see text, section 21. <sup>6</sup> Includes all employees except executives, officials, and staff assistants who received pay during the month.

Source: U.S. Bureau of Labor Statistics, BLS Bulletin 2370 and *Employment and Earnings*, September 1990.

# No. 670. Indexes of Output per Hour for All Employees—Selected Industries: 1975 to 1988

[See text, section 13. Minus sign (-) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series W 14, 17, and 19, W 30-54, and 62-65]

1987 SIC <sup>1</sup> code	INDUSTRY	INDEXES (1977 = 100)								AVERAGE ANNUAL PERCENT CHANGE <sup>2</sup>	
		1975	1980	1983	1984	1985	1986	1987	1988, prel.	1975- 1988	1983- 1988
(B)	<b>Mining:</b>										
1011	Iron (usable ore) . . . . .	117.8	123.2	138.6	171.7	187.9	197.8	250.4	248.2	6.7	12.4
1021	Copper (recoverable metal) . . . . .	77.2	91.6	130.9	155.4	193.1	228.9	211.2	229.9	8.7	11.8
111, 121	Coal . . . . .	105.3	112.5	136.5	151.7	154.3	167.7	181.3	200.7	5.5	7.5
14	Nonmetallic minerals <sup>3</sup> . . . . .	90.6	96.5	98.2	105.5	107.5	108.4	115.3	114.0	1.3	3.0
(D)	<b>Manufacturing:</b>										
2011, 2013	Red meat products . . . . .	84.4	107.0	115.9	117.0	119.5	117.3	(NA)	(NA)	4.5	4.0
2016, 2017	Poultry dressing/processing plants . . . . .	87.9	105.7	131.7	130.3	133.2	127.3	(NA)	(NA)	3.6	3.0
203	Preserved fruits, vegetables . . . . .	93.7	100.8	110.8	112.4	113.4	118.3	(NA)	(NA)	1.8	1.5
204	Grain mill products . . . . .	87.1	105.3	125.5	132.8	140.9	142.1	(NA)	(NA)	4.6	4.3
205	Bakery products . . . . .	93.4	93.7	106.9	106.8	108.5	114.4	(NA)	(NA)	1.7	1.9
2086	Bottled, canned soft drinks . . . . .	89.5	106.9	121.5	131.0	136.7	146.6	158.1	166.7	4.7	6.5
2211, 21	Cotton, synthetic broad woven fabric . . . . .	86.7	105.0	121.6	119.8	123.7	132.8	132.1	131.4	3.6	2.2
2281	Nonwool yarn mills . . . . .	101.2	99.7	128.5	129.6	134.5	141.1	162.6	161.1	4.3	5.5
2421	Sawmills, planing mills . . . . .	98.8	104.2	126.8	132.3	139.2	155.1	151.1	148.7	3.9	3.8
251	Household furniture . . . . .	97.5	99.9	110.1	112.2	112.5	118.5	118.3	124.5	1.8	2.4
2611, 21, 31, 61	Paper, paperboard, pulp mills . . . . .	86.7	105.2	119.5	121.0	123.1	133.5	138.0	142.8	3.5	4.0
2653	Corrugated, solid fiber boxes . . . . .	96.2	111.0	114.0	118.9	122.5	126.7	123.3	124.3	2.1	1.7
281	Industrial inorganic chemicals . . . . .	86.5	94.3	94.0	104.5	101.4	105.4	(NA)	(NA)	0.8	2.8
2823, 24	Synthetic fibers . . . . .	84.5	115.7	126.2	125.3	135.8	146.2	156.4	156.6	4.5	5.3
2834	Pharmaceuticals . . . . .	92.5	106.0	114.3	116.4	118.1	121.8	120.9	116.8	2.0	0.7
2869	Industrial organic chemicals, n.e.c . . . . .	85.3	98.9	105.3	113.9	112.5	119.6	(NA)	(NA)	2.4	5.2
2911	Petroleum refining . . . . .	88.7	94.2	81.8	92.5	102.6	113.8	120.1	125.7	1.8	9.1
3011	Tires, inner tubes . . . . .	91.8	102.4	136.1	146.8	146.7	151.4	162.2	169.7	4.9	4.2
3079	Miscellaneous plastics . . . . .	86.2	95.7	107.2	110.5	113.0	114.1	(NA)	(NA)	2.6	3.5
314	Footwear . . . . .	101.3	99.1	103.9	105.7	107.3	109.3	107.7	109.4	0.7	1.0
3271, 72	Concrete products . . . . .	91.9	90.4	97.6	99.2	100.5	105.9	(NA)	(NA)	0.7	1.6
3273	Ready-mixed concrete . . . . .	97.5	93.1	93.7	96.3	97.4	100.1	(NA)	(NA)	4.0	2.6
331	Steel . . . . .	93.3	102.9	116.8	131.3	139.5	141.8	152.3	168.3	4.2	6.8
3321	Gray iron foundries . . . . .	97.0	90.8	98.3	106.8	104.2	107.4	108.8	112.1	1.0	2.1
3353, 54, 55	Aluminum rolling, drawing . . . . .	87.5	100.0	110.4	116.2	115.6	125.0	128.4	128.4	2.5	3.3
3441	Fabricated structural metal . . . . .	97.4	102.1	103.0	107.9	117.7	117.7	(NA)	(NA)	1.6	3.6
3442	Metal doors, sash, and trim . . . . .	89.3	90.6	99.7	102.8	106.3	104.1	(NA)	(NA)	1.2	1.1
3465, 6, 9	Metal stampings . . . . .	93.2	99.9	104.7	110.4	104.7	108.7	(NA)	(NA)	1.3	1.8
352	Farm, garden machinery . . . . .	97.7	93.3	95.1	105.2	101.5	103.0	(NA)	(NA)	0.5	2.7
3531	Construction machinery, equipment . . . . .	93.9	97.4	88.2	102.6	104.1	107.1	100.8	101.6	0.4	2.0
3585	Refrigeration, heating equipment . . . . .	89.9	93.8	100.9	105.5	103.7	101.5	(NA)	(NA)	1.0	1.0
3621	Motors, generators . . . . .	93.0	96.7	104.3	107.9	110.5	112.3	119.2	117.4	1.7	2.6
3631, 2, 3, 9	Major household appliances . . . . .	93.6	105.8	117.6	123.6	127.2	134.1	137.2	138.9	3.2	3.5
3645, 46, 47, 48	Lighting fixtures . . . . .	89.2	93.3	96.3	102.2	107.1	113.9	109.9	109.8	1.4	2.7
3674	Semiconductors . . . . .	56.0	149.4	211.5	229.2	206.4	215.6	292.2	318.2	11.8	8.4
371	Motor vehicles, equipment . . . . .	87.7	90.8	106.6	115.7	121.2	121.7	129.1	133.8	3.0	3.9
3825	Instruments to measure electricity . . . . .	95.9	108.4	121.8	133.7	130.4	122.2	(NA)	(NA)	4.1	10.7
3861	Photographic equipment and supplies . . . . .	92.9	112.7	124.8	131.8	131.1	144.3	(NA)	(NA)	4.7	5.2
(E, G, H, I)	<b>Transportation, utilities, trade:</b>										
401	RR transport (revenue traffic) <sup>5</sup> . . . . .	89.5	107.3	141.9	152.9	161.7	178.1	206.4	226.5	7.2	10.0
Pts of 4111,											
31, 414	Bus carriers <sup>6</sup> . . . . .	97.0	100.9	95.4	90.9	87.4	86.8	(NA)	(NA)	0.9	1.5
4213 pt.	Intercity trucking <sup>7</sup> . . . . .	89.2	107.7	130.7	135.1	130.2	134.5	(NA)	(NA)	3.3	4.2
4511	Air transportation <sup>8</sup> . . . . .	87.6	106.2	126.7	131.7	136.3	137.9	146.1	140.8	3.7	2.5
4612, 13	Petroleum pipelines . . . . .	95.7	93.0	94.3	104.5	104.9	107.0	104.9	110.7	0.9	2.4
4811	Telephone communications . . . . .	85.9	118.1	145.1	143.0	149.8	161.3	165.9	176.7	5.5	4.4
491, 92, 93	Gas and electric utilities . . . . .	94.7	96.2	88.4	91.6	90.9	90.6	93.5	97.9	-0.5	1.6
5093	Scrap and wasted materials <sup>9</sup> . . . . .	100.0	108.2	123.5	122.2	127.9	133.8	138.7	(NA)	10.3	10.3
5251	Hardware stores <sup>10</sup> . . . . .	97.8	111.6	111.4	121.1	124.6	137.4	140.3	150.6	3.2	6.0
5311	Department stores . . . . .	89.7	103.8	119.5	126.6	129.2	135.3	138.5	141.7	3.6	3.4
5331	Variety stores . . . . .	122.5	107.8	121.5	126.8	118.5	101.1	(NA)	93.8	-0.4	-6.2
54	Retail food stores <sup>11</sup> . . . . .	98.8	100.3	95.2	95.6	95.8	93.7	(NA)	91.8	-0.6	-0.8
5511	Franchised new car dealers . . . . .	95.0	99.6	109.4	110.4	109.7	110.7	107.4	111.8	1.2	0.1
553	Auto and home supply stores <sup>12</sup> . . . . .	89.9	106.7	118.9	118.4	124.7	125.6	134.1	136.6	3.1	3.1
5541	Gasoline service stations . . . . .	85.3	105.1	122.5	129.1	134.3	143.9	(NA)	141.5	3.9	3.0
56	Apparel, accessory stores <sup>13</sup> . . . . .	105.0	117.9	132.9	140.9	146.3	153.5	(NA)	141.2	3.3	1.1
57	Furniture, furnishings, equip. stores <sup>14</sup> . . . . .	91.9	107.4	118.4	129.4	133.5	144.4	(NA)	154.4	4.0	5.2
58	Eating, drinking places <sup>15</sup> . . . . .	100.8	99.8	95.3	91.1	87.9	89.7	(NA)	91.3	-1.1	-0.6
5912	Drug, proprietary stores <sup>16</sup> . . . . .	94.2	107.0	110.9	105.7	105.5	104.6	103.8	105.3	0.7	-0.9
592	Liquor stores . . . . .	96.3	102.2	101.6	98.7	107.1	98.0	(NA)	88.5	-0.3	2.8
602	Commercial banking . . . . .	90.0	92.7	101.3	104.3	109.7	111.8	(NA)	(NA)	1.6	3.6
7011	Hotels, motels, tourist courts <sup>17</sup> . . . . .	89.7	95.0	95.4	102.1	97.5	92.8	(NA)	(NA)	4.3	4.2
721	Laundry, cleaning services <sup>18</sup> . . . . .	96.6	91.0	90.4	92.3	87.3	85.0	(NA)	83.8	-1.4	-1.9
723, 724	Beauty and barber shops <sup>19</sup> . . . . .	98.7	102.9	114.0	103.9	98.6	97.3	(NA)	96.0	0.1	-2.9
753	Automotive repair shops <sup>20</sup> . . . . .	102.0	95.9	86.1	88.3	96.1	93.2	96.1	101.1	-0.7	3.0

NA Not available. <sup>1</sup> 1987 Standard Industrial Classification; see text, section 13. <sup>2</sup> For explanation of average annual percent change, see source. <sup>3</sup> Excludes fuels. <sup>4</sup> Change from 1975 to 1986 and 1983 to 1996. <sup>5</sup> Class 1 line-haul railroads and switching and terminal companies. <sup>6</sup> Class 1 interstate carriers regulated by the ICC. <sup>7</sup> Refers to output per employee. <sup>8</sup> Data relate to all persons (paid employees, unpaid family workers, and the self-employed). <sup>9</sup> 1977 data. <sup>10</sup> Change from 1977 to 1987 and 1983 to 1987.

Source: U.S. Bureau of Labor Statistics, Bulletin 2349, *Productivity Measures for Selected Industries and Government Services*, February 1990; and unpublished data.



**No. 671. Productivity and Related Measures: 1960 to 1989**

[See text, section 13. Minus sign (-) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series D 689-704 and W 22-25]

ITEM	1960	1970	1975	1980	1984	1985	1986	1987	1988	1989
<b>INDEXES (1982 = 100)</b>										
Output per hour, business sector	66.0	87.4	95.2	99.2	105.0	107.1	109.5	110.7	113.0	112.8
Nonfarm business	70.1	89.2	96.6	99.9	105.1	106.5	108.6	109.8	112.3	111.9
Manufacturing	56.9	75.2	86.9	95.3	110.8	115.9	120.2	124.7	127.6	130.1
Output, <sup>1</sup> business sector	52.5	76.1	84.7	101.1	113.0	117.1	121.3	126.4	133.0	135.8
Nonfarm business	52.0	85.5	84.9	101.7	113.7	118.1	121.6	126.8	134.0	136.7
Manufacturing	53.4	79.9	86.3	104.8	119.4	124.0	126.8	132.3	139.9	144.0
Hours, <sup>2</sup> business sector	79.6	87.1	89.0	101.9	107.6	109.9	110.8	114.1	117.7	120.4
Nonfarm business	74.2	89.5	87.9	101.8	108.1	110.9	111.9	115.4	119.3	122.2
Manufacturing	93.8	106.1	99.3	110.0	107.7	107.0	105.5	106.1	109.6	110.6
Compensation per hour, <sup>3</sup> business sector	21.2	36.9	54.8	85.1	108.1	112.8	118.6	123.1	129.1	133.1
Nonfarm business	22.3	37.3	55.1	85.1	108.1	112.5	118.2	122.5	128.3	132.1
Manufacturing	22.5	35.9	53.5	83.7	106.0	111.1	116.1	119.0	123.4	126.7
Real hourly compensation, <sup>3</sup> business sector	69.2	91.9	98.3	99.7	100.4	101.2	104.4	104.6	105.3	103.5
Nonfarm business	72.8	92.7	98.9	99.6	100.4	100.9	104.1	104.1	104.7	102.8
Manufacturing	73.2	89.3	96.0	98.0	98.4	99.6	102.3	101.1	100.6	98.6
Unit labor costs, <sup>4</sup> business sector	32.2	42.3	57.6	85.8	103.0	105.4	108.8	111.2	114.3	118.0
Nonfarm business	31.8	41.8	57.1	85.2	102.8	105.6	108.8	111.6	114.3	118.1
Manufacturing	39.5	47.7	61.6	87.8	95.6	95.9	96.6	95.5	96.7	97.4
<b>ANNUAL PERCENT CHANGE <sup>5</sup></b>										
Output per hour, business sector	1.7	0.9	2.1	-0.3	2.6	2.0	2.2	1.2	2.0	-0.2
Nonfarm business	1.1	0.5	1.9	-0.4	2.1	1.3	2.0	1.1	2.2	-0.3
Manufacturing	0.6	0.4	2.6	-	5.4	4.5	3.8	3.7	2.3	2.0
Output, <sup>1</sup> business sector	1.8	-0.9	-2.1	-1.1	8.4	4.2	3.1	4.1	5.3	2.1
Nonfarm business	1.7	-1.1	-2.3	-1.2	8.3	3.9	3.0	4.2	5.7	2.0
Manufacturing	0.2	-5.6	-7.5	-4.5	12.2	3.8	2.3	4.3	5.7	2.9
Hours, <sup>2</sup> business sector	0.1	1.8	-4.1	-0.8	5.7	2.2	0.8	2.9	3.2	2.3
Nonfarm business	0.6	-1.5	-4.1	-0.7	6.0	2.6	1.0	3.1	3.4	2.4
Manufacturing	-0.4	5.9	-9.8	-4.6	6.5	-0.7	-1.4	0.6	3.3	0.9
Compensation per hour, <sup>3</sup> business sector	4.3	7.5	9.9	10.5	4.1	4.4	5.1	3.8	4.9	3.0
Nonfarm business	4.4	7.2	9.8	10.5	3.9	4.1	5.0	3.6	4.8	3.0
Manufacturing	4.2	7.2	11.9	11.7	3.3	4.9	4.5	2.5	3.6	2.7
Real hourly compensation, <sup>3</sup> business sector	2.6	1.7	0.7	-2.6	-0.2	0.8	3.2	0.1	0.7	-1.7
Nonfarm business	2.6	1.4	0.6	-2.6	0.4	0.5	3.1	-	0.6	-1.8
Manufacturing	2.4	1.4	2.6	-1.6	-0.9	1.2	2.6	-1.1	-0.5	-2.0
Unit labor costs, <sup>4</sup> business sector	2.6	6.5	7.7	10.9	1.5	2.3	2.8	2.6	2.8	3.2
Nonfarm business	3.3	6.7	7.8	11.0	1.8	2.8	3.0	2.5	2.5	3.3
Manufacturing	3.6	6.8	9.1	11.7	-1.9	0.3	0.7	-1.2	1.3	0.7

- Represents zero. <sup>1</sup> Refers to gross domestic product originating in the sector, in 1982 prices. <sup>2</sup> Hours at work of all persons engaged in the business and nonfarm business sectors (employees, proprietors, and unpaid family workers); employees' and proprietors' hours in manufacturing. <sup>3</sup> Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Also includes an estimate of same for self-employed. Real compensation deflated by the consumer price index for all urban consumers, see text, section 15. <sup>4</sup> Hourly compensation divided by output per hour. <sup>5</sup> All changes are from the immediate prior year.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly, and unpublished data.

**No. 672. Computer Use On the Job, Sex and Educational Attainment by Selected Computer Activity: 1989**

[As of October. In percent. Based on Current Population Survey and subject to sampling error; for details, see Appendix III]

EDUCATIONAL ATTAINMENT AND SEX	Persons using computers at work <sup>1</sup>	COMPUTER ACTIVITY <sup>2</sup>				
		Word processing	Book-keeping	Inventory control	Communications	Databases
<b>Total</b>	<b>38.3</b>	<b>41.1</b>	<b>26.5</b>	<b>25.5</b>	<b>25.1</b>	<b>27.3</b>
Not a high school graduate	8.4	17.7	20.0	37.4	13.2	11.7
High school graduate	29.8	32.2	27.7	29.7	21.0	20.0
Some college	50.0	40.0	28.2	27.3	26.7	27.2
Four years of college	59.6	46.5	26.6	22.7	29.8	32.6
More than four years of college	59.9	57.4	22.5	15.9	31.3	37.7
<b>Male</b>	<b>32.3</b>	<b>37.4</b>	<b>24.1</b>	<b>30.9</b>	<b>28.1</b>	<b>29.8</b>
Not a high school graduate	6.2	12.1	12.3	41.4	10.4	9.0
High school graduate	20.2	19.8	20.5	41.9	19.7	17.7
Some college	40.6	31.8	24.4	34.6	28.0	29.1
Four years of college	59.0	45.6	28.3	27.1	32.3	35.6
More than four years of college	60.4	56.8	24.2	17.8	34.6	40.1
<b>Female</b>	<b>46.0</b>	<b>44.4</b>	<b>28.7</b>	<b>20.7</b>	<b>24.0</b>	<b>25.1</b>
Not a high school graduate	12.1	22.6	26.6	33.9	15.7	14.1
High school graduate	40.6	39.1	31.7	22.9	21.7	21.3
Some college	60.7	46.3	31.1	21.8	25.7	25.7
Four years of college	60.3	47.7	24.4	16.9	26.5	28.7
More than four years of college	59.0	58.5	19.6	12.8	25.9	33.6

<sup>1</sup> Unduplicated count. <sup>2</sup> Persons may be included on more than one activity.

Source: U.S. National Center for Education Statistics, *Digest of Education Statistics*, 1990.

### No. 673. Average Annual Total Compensation and Wages and Salaries per Full-Time Equivalent Employee, by Industry: 1980 to 1989

[In dollars, except percent. Wage and salary payments include executives' compensation, bonuses, tips, and payments-in-kind; total compensation includes, in addition to wages and salaries, employer contributions for social insurance, employer contributions to private pension and welfare funds, director' fees, jury and witness fees, etc.]

INDUSTRY	ANNUAL TOTAL COMPENSATION					ANNUAL WAGES AND SALARIES				
	1980	1985	1987	1988	1989	1980	1985	1987	1988	1989
<b>Domestic Industries</b> . . . . .	<b>18,815</b>	<b>25,266</b>	<b>27,348</b>	<b>28,761</b>	<b>29,758</b>	<b>15,757</b>	<b>21,079</b>	<b>22,903</b>	<b>24,069</b>	<b>24,870</b>
Agriculture, forestry, and fisheries . . . . .	9,836	12,833	13,708	13,987	15,045	8,596	11,086	11,879	12,063	12,932
Mining . . . . .	28,181	38,367	40,924	42,246	43,954	23,405	32,035	33,925	34,964	36,292
Construction . . . . .	22,033	27,581	29,793	31,337	32,338	18,571	22,768	24,584	25,888	26,647
Manufacturing . . . . .	22,023	29,999	32,153	33,710	34,834	17,954	24,549	26,358	27,633	28,504
Transportation . . . . .								26,382	27,145	27,718
Communication . . . . .								34,462	35,538	36,717
Electric, gas, and sanitary services . . . . .								34,772	36,014	37,734
Wholesale trade . . . . .	21,598	28,853	31,394	33,635	34,673	18,822	25,013	27,270	29,243	30,102
Retail trade . . . . .	12,490	15,625	16,779	17,454	17,859	10,953	13,602	14,585	15,144	15,477
Finance, insurance, and real estate . . . . .	18,968	28,014	32,376	34,600	35,424	15,871	23,724	27,718	29,648	30,258
Services . . . . .	15,236	21,395	23,787	25,282	26,380	13,460	18,743	20,948	22,286	23,251
Government and government enterprises . . . . .	19,681	27,821	30,215	31,888	33,465	15,911	22,062	23,991	25,153	26,319

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-82 and Survey of Current Business*, July issues.

### No. 674. Average Hourly and Weekly Earnings in Current and Constant (1982) Dollars, by Private Industry Group: 1970 to 1989

[Average earnings include overtime. Data are for production and related workers in mining, manufacturing, and construction, and nonsupervisory employees in other industries. Excludes agriculture. See headnote, table 667. See also *Historical Statistics, Colonial Times to 1970*, series D 877-892]

PRIVATE INDUSTRY GROUP	CURRENT DOLLARS						CONSTANT (1982) DOLLARS <sup>1</sup>					
	1970	1980	1985	1987	1988	1989	1970	1980	1985	1987	1988	1989
<b>Average hourly earnings</b> . . . . .	<b>3.23</b>	<b>6.66</b>	<b>8.57</b>	<b>8.98</b>	<b>9.28</b>	<b>9.66</b>	<b>8.03</b>	<b>7.78</b>	<b>7.77</b>	<b>7.73</b>	<b>7.69</b>	<b>7.64</b>
Manufacturing . . . . .	3.35	7.27	9.54	9.91	10.19	10.49	8.33	8.49	8.65	8.54	8.44	8.29
Mining . . . . .	3.65	9.17	11.98	12.54	12.80	13.25	9.58	10.71	10.86	10.80	10.60	10.47
Construction . . . . .	5.24	9.94	12.32	12.71	13.08	13.52	13.03	11.61	11.17	10.95	10.84	10.69
Transportation, public utilities . . . . .	3.85	8.67	11.40	12.03	12.26	12.61	9.58	10.36	10.34	10.36	10.16	9.94
Wholesale trade . . . . .	3.43	6.95	9.15	9.59	9.98	10.39	8.53	8.12	8.30	8.26	8.27	8.21
Retail trade . . . . .	2.44	4.68	5.94	6.12	6.31	6.53	6.07	5.70	5.39	5.27	5.23	5.16
Finance, insurance, real estate . . . . .	3.07	5.79	7.94	8.73	9.05	9.54	7.64	6.76	7.20	7.52	7.51	7.54
Services . . . . .	2.81	5.65	7.90	8.49	8.88	9.39	6.99	6.83	7.16	7.31	7.36	7.42
<b>Average weekly earnings</b> . . . . .	<b>120</b>	<b>235</b>	<b>299</b>	<b>313</b>	<b>322</b>	<b>334</b>	<b>298</b>	<b>275</b>	<b>271</b>	<b>269</b>	<b>267</b>	<b>264</b>
Manufacturing . . . . .	133	289	386	406	419	430	332	337	350	350	347	340
Mining . . . . .	164	397	520	532	541	570	409	464	471	458	449	450
Construction . . . . .	195	368	464	480	496	512	486	430	421	414	411	405
Transportation, public utilities . . . . .	156	351	450	472	476	491	388	410	408	406	394	388
Wholesale trade . . . . .	137	267	351	365	380	395	341	312	318	315	315	312
Retail trade . . . . .	82	147	175	179	184	189	205	172	158	154	152	149
Finance, insurance, real estate . . . . .	113	210	289	317	325	342	261	245	262	273	269	270
Services . . . . .	97	191	257	276	289	306	240	223	233	236	240	242

<sup>1</sup> Earnings in current dollars divided by the Consumer Price Index (CPI-W) on a 1982 base; see text, section 15.

Source: U.S. Bureau of Labor Statistics, *Bulletin 2370 and Employment and Earnings*, monthly.

### No. 675. Annual Percent Changes in Earnings and Compensation: 1980 to 1989

[Annual percent change from immediate prior year. Minus sign (-) indicates decrease]

ITEM	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
<b>Current dollars:</b>										
Hourly earnings, total <sup>1</sup> . . . . .	8.1	8.9	5.9	4.4	3.7	3.0	2.2	2.5	3.3	4.1
Hourly earnings, manufacturing . . . . .	8.5	9.9	6.3	4.0	4.1	3.8	2.0	1.8	2.8	2.9
Compensation per employee-hour . . . . .	10.4	9.5	7.4	4.0	3.9	4.0	5.0	3.7	4.8	3.0
<b>Constant (1982) dollars:</b>										
Hourly earnings, total <sup>1</sup> . . . . .	-5.0	-1.2	-0.1	1.4	0.1	-0.4	0.5	-1.0	-0.5	-0.7
Hourly earnings, manufacturing . . . . .	-4.7	-0.2	0.2	0.9	0.6	0.3	0.3	-1.6	-1.2	-1.8
Compensation per employee-hour <sup>1</sup> . . . . .	-2.7	-0.8	1.2	0.7	-0.4	0.5	3.1	-	0.6	-1.8
Consumer Price Index <sup>2</sup> . . . . .	13.5	10.3	6.2	3.2	4.3	3.6	1.9	3.6	4.1	4.8

- Represents zero. <sup>1</sup> Nonfarm business sector. <sup>2</sup> See text, section 15.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*.

**No. 676. Average Annual Pay, by State: 1987 to 1989**

[In dollars except percent change. For workers covered by State unemployment insurance laws and for Federal civilian workers covered by unemployment compensation for Federal employees, approximately 90 percent of total civilian employment. Excludes most agricultural workers on small farms, all Armed Forces, elected officials in most States, railroad employees, most domestic workers, employees of certain nonprofit organizations and most self-employed individuals. Pay includes bonuses, cash value of meals and lodging, and tips and other gratuities.]

STATE	AVERAGE ANNUAL PAY			PERCENT CHANGE		STATE	AVERAGE ANNUAL PAY			PERCENT CHANGE	
	1987	1988	1989 <sup>1</sup>	1987-1988	1988-1989		1987	1988	1989 <sup>1</sup>	1987-1988	1988-1989
U.S. . . . .	20,857	21,872	22,567	4.9	3.2	MO. . . . .	19,601	20,295	20,899	3.5	3.0
AL. . . . .	18,318	19,003	19,593	3.7	3.1	MT. . . . .	16,438	16,957	17,224	3.2	1.6
AK. . . . .	28,008	28,033	29,704	0.1	6.0	NE. . . . .	16,526	17,190	17,694	4.0	2.9
AZ. . . . .	19,610	20,383	20,808	3.9	2.1	NV. . . . .	19,521	20,548	21,342	5.3	3.9
AR. . . . .	16,529	17,023	17,418	3.0	2.3	NH. . . . .	19,414	20,749	21,551	6.9	3.9
CA. . . . .	23,100	24,126	24,921	4.4	3.3	NJ. . . . .	23,842	25,748	26,780	8.0	4.0
CO. . . . .	20,830	21,472	21,940	3.1	2.2	NM. . . . .	17,767	18,259	18,667	2.8	2.2
CT. . . . .	24,322	26,234	27,500	7.9	4.8	NY. . . . .	24,634	26,347	27,303	7.0	3.6
DE. . . . .	20,764	21,977	23,268	5.8	5.9	NC. . . . .	17,861	18,636	19,320	4.3	3.7
DC. . . . .	28,477	30,253	32,106	6.2	6.1	ND. . . . .	16,157	16,508	16,932	2.2	2.6
FL. . . . .	18,674	19,523	20,072	4.6	2.8	OH. . . . .	20,568	21,501	21,986	4.5	2.3
GA. . . . .	19,651	20,504	21,071	4.3	2.8	OK. . . . .	18,615	19,098	19,530	2.6	2.3
HI. . . . .	19,091	20,444	21,624	7.1	5.8	OR. . . . .	18,888	19,637	20,303	4.0	3.4
ID. . . . .	17,062	17,648	18,146	3.4	2.8	PA. . . . .	20,408	21,485	22,312	5.3	3.8
IL. . . . .	22,250	23,608	24,211	6.1	2.6	RI. . . . .	18,858	20,206	21,128	7.1	4.6
IN. . . . .	19,682	20,437	20,931	3.8	2.4	SC. . . . .	17,280	18,009	18,797	4.2	4.4
IA. . . . .	17,292	17,928	18,420	3.7	2.7	SD. . . . .	14,963	15,424	15,810	3.1	2.5
KS. . . . .	18,424	19,030	19,474	3.3	2.3	TN. . . . .	18,501	19,209	19,712	3.8	2.6
KY. . . . .	18,008	18,545	19,001	3.0	2.5	TX. . . . .	20,463	21,130	21,740	3.3	2.9
LA. . . . .	19,707	19,330	19,750	3.3	2.2	UT. . . . .	18,303	18,910	19,362	3.3	2.4
ME. . . . .	17,447	18,347	19,202	5.2	4.7	VT. . . . .	17,703	18,640	19,497	5.3	4.6
MD. . . . .	21,324	22,515	23,466	5.6	4.2	VA. . . . .	19,963	21,053	21,879	5.5	3.9
MA. . . . .	22,486	24,143	25,233	7.4	4.5	WA. . . . .	20,110	20,806	21,617	3.5	3.9
MI. . . . .	23,081	24,193	24,853	4.8	2.7	WV. . . . .	18,820	19,341	19,789	2.8	2.3
MN. . . . .	20,450	21,481	22,155	5.0	3.1	WI. . . . .	18,890	19,743	20,204	4.5	2.3
MS. . . . .	15,938	16,522	17,047	3.7	3.2	WY. . . . .	18,817	19,097	19,230	1.5	0.7

<sup>1</sup> Preliminary.

Source: U.S. Bureau of Labor Statistics, *Employment and Wages, Annual Averages 1989*, and USDL News Release 90-431, *Average Annual Pay by State and Industry, 1989*.

**No. 677. Average Annual Pay, by Selected Metropolitan Areas: 1987 to 1989**

[In dollars. Metropolitan areas ranked by population size 1988. For composition of metropolitan areas, see Appendix II. See also headnote table 676. For civilian labor force data, see table 637.]

METROPOLITAN AREA	1987	1988	1989 <sup>1</sup>	METROPOLITAN AREA	1987	1988	1989 <sup>1</sup>
U.S. total . . . . .	20,857	21,872	22,567	Kansas City, MO-KS MSA . . . . .	20,848	21,598	22,219
U.S. metropolitan total . . . . .	21,722	22,891	23,573	Milwaukee-Racine, WI CMSA . . . . .	20,758	21,738	22,297
New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA . . . . .	25,976	28,104	29,208	Portland-Vancouver, OR-WA CMSA . . . . .	20,386	21,227	22,014
Los Angeles-Anaheim-Riverside, CA CMSA . . . . .	23,921	24,944	25,682	Sacramento, CA MSA . . . . .	21,047	21,933	23,002
Chicago-Gary-Lake County (IL), IL-IN-WI MSA . . . . .	23,481	25,033	25,702	Norfolk-Virginia Beach-Newport News, VA MSA . . . . .	18,268	18,983	19,411
San Francisco-Oakland-San Jose, CA CMSA . . . . .	25,375	26,674	27,568	Columbus, OH MSA . . . . .	20,333	21,301	21,835
Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA . . . . .	22,530	23,997	25,069	San Antonio, TX MSA . . . . .	18,436	19,325	19,677
Detroit-Ann Arbor, MI CMSA . . . . .	25,178	26,467	27,188	New Orleans, LA MSA . . . . .	19,788	20,389	20,695
Dallas-Fort Worth, TX CMSA . . . . .	22,768	23,553	24,297	Indianapolis, IN MSA . . . . .	21,081	21,877	22,345
Boston-Lawrence-Salem-Lowell-Brockton, MA NECMA . . . . .	23,888	25,731	26,915	Buffalo-Niagara Falls, NY CMSA . . . . .	19,404	20,396	21,080
Washington, DC-MD-VA MSA . . . . .	25,210	26,784	28,103	Charlotte-Gastonia-Rock Hill, NC-SC MSA . . . . .	19,806	20,697	21,617
Houston-Galveston-Brazoria, TX CMSA . . . . .	23,373	24,274	25,023	Hartford-New Britain-Middletown-CT NECMA . . . . .	24,151	25,787	27,224
Miami-Fort Lauderdale, FL CMSA . . . . .	20,602	21,551	21,918	Salt Lake City-Ogden, UT MSA . . . . .	18,856	19,498	20,014
Cleveland-Akron-Lorain, OH CMSA . . . . .	21,782	22,802	23,381	Rochester, NY MSA . . . . .	22,307	23,469	24,550
Atlanta, GA MSA . . . . .	22,426	23,445	24,072	Memphis, TN-AR-MS MSA . . . . .	19,709	20,371	20,877
St. Louis, MO-IL MSA . . . . .	21,793	22,735	23,408	Nashville, TN MSA . . . . .	19,737	20,469	21,202
Seattle-Tacoma, WA CMSA . . . . .	21,863	23,709	23,608	Orlando, FL MSA . . . . .	18,923	19,930	20,373
Minneapolis-St. Paul, MN-WI MSA . . . . .	22,385	23,618	24,372	Louisville, KY-IN MSA . . . . .	19,448	20,048	20,579
San Diego, CA MSA . . . . .	21,051	22,183	22,956	Oklahoma City, OK MSA . . . . .	19,534	19,998	20,444
Baltimore, MD MSA . . . . .	20,978	22,261	23,109	Dayton-Springfield, OH MSA . . . . .	20,612	21,981	22,320
Pittsburgh-Beaver Valley, PA CMSA . . . . .	20,949	21,811	22,435	Greensboro-Winston-Salem-High Point, NC MSA . . . . .	19,150	20,204	20,950
Phoenix, AZ MSA . . . . .	20,612	21,438	21,954	Birmingham, AL MSA . . . . .	19,917	20,775	21,542
Tampa-St. Petersburg-Clearwater, FL MSA . . . . .	17,911	18,714	19,456	Providence-Pawtucket-Woonsocket, RI NECMA . . . . .	18,696	20,089	21,059
Denver-Boulder, CO CMSA . . . . .	22,649	23,368	23,898	Jacksonville, FL MSA . . . . .	19,141	19,987	20,571
Cincinnati-Hamilton, OH-KY-IN CMSA . . . . .	21,142	21,933	22,511	Albany-Schenectady-Troy, NY MSA . . . . .	20,607	21,779	22,807
				Richmond-Petersburg, VA MSA . . . . .	20,374	21,293	22,351
				Honolulu, HI MSA . . . . .	19,718	21,196	22,399

<sup>1</sup> Preliminary.

Source: U.S. Bureau of Labor Statistics, USDL News Release 90-484, *Average Annual Pay Levels in Metropolitan Areas, 1989*, and earlier issues.

# No. 678. Full-Time Wage and Salary Workers—Number and Median Weekly Earnings, by Selected Characteristics: 1983 to 1989

[In current dollars of usual weekly earnings. Data represent annual averages of quarterly data. See text, section 13 for a discussion of occupational data. Based on Current Population Survey; see text, section 1, and Appendix III. For definition of median, see Guide to Tabular Presentation]

CHARACTERISTIC	NUMBER OF WORKERS (1,000)				MEDIAN WEEKLY EARNINGS (dol.)			
	1983	1985	1988	1989	1983	1985	1988	1989
<b>All workers</b> <sup>1</sup>	70,976	77,002	82,692	84,553	313	343	385	399
Male	42,309	45,589	48,049	48,949	378	406	449	468
16 to 24 years old	6,702	6,956	6,677	6,665	223	240	261	271
25 years old and over	35,607	38,632	41,371	42,283	406	442	487	500
Female	28,667	31,414	34,643	35,605	252	277	315	328
16 to 24 years old	5,345	5,621	5,444	5,223	197	210	235	246
25 years old and over	23,322	25,793	29,199	30,382	267	296	335	351
White	61,739	66,481	70,845	72,113	319	355	394	409
Male	37,378	40,030	41,831	42,465	387	417	465	482
Female	24,361	26,452	29,014	29,648	254	281	318	334
Black	7,373	8,393	9,352	9,628	261	277	314	319
Male	3,883	4,367	4,826	4,932	293	304	347	348
Female	3,490	4,026	4,527	4,696	231	252	288	301
Hispanic origin <sup>2</sup>	(NA)	(NA)	6,460	6,718	(NA)	(NA)	290	298
Male	(NA)	(NA)	4,091	4,247	(NA)	(NA)	307	315
Female	(NA)	(NA)	2,370	2,472	(NA)	(NA)	260	269
Family relationship:								
Husbands	28,720	30,260	30,995	31,282	410	455	500	513
Wives	14,884	16,270	17,907	18,448	257	285	324	342
Women who maintain families	3,948	4,333	4,795	5,000	256	278	311	321
Men who maintain families	1,331	1,313	1,615	1,672	377	396	413	425
Other persons in families:								
Men	5,518	6,173	6,498	6,569	219	238	270	282
Women	4,032	4,309	4,502	4,439	201	213	247	257
All other men <sup>3</sup>	6,740	7,841	8,938	9,426	350	380	412	428
All other women <sup>3</sup>	5,803	6,503	7,442	7,718	274	305	345	361
Occupation, male:								
Managerial and professional	10,312	11,078	11,968	12,281	516	583	666	693
Exec., admin., managerial	5,344	5,835	6,238	6,544	530	593	682	698
Professional specialty	4,967	5,243	5,730	5,737	506	571	65	688
Technical, sales, and administrative support	8,125	8,803	9,267	9,332	385	420	472	480
Tech. and related support	1,428	1,563	1,647	1,666	424	472	510	538
Sales	3,853	4,227	4,519	4,581	389	431	488	487
Admin. support, incl. clerical	2,844	3,013	3,101	3,085	362	391	418	421
Service	3,723	3,947	4,317	4,351	255	272	299	306
Private household	11	13	8	15	(B)	(B)	(B)	(B)
Protective	1,314	1,327	1,543	1,490	355	391	424	460
Other service	2,398	2,607	2,766	2,846	217	230	257	262
Precision production <sup>4</sup>	9,180	10,026	10,249	10,413	387	408	446	469
Mechanics and repairers	3,418	3,752	3,713	3,798	377	400	441	457
Construction trades	2,966	3,308	3,622	3,681	375	394	423	451
Other	2,796	2,966	2,914	2,935	408	433	477	494
Operators, fabricators, and laborers	9,833	10,585	11,026	11,349	308	325	352	366
Machine operators, assemblers, and inspectors	4,138	4,403	4,454	4,526	319	341	366	379
Transportation and material moving	3,199	3,459	3,636	3,774	335	369	394	408
Handlers, equipment cleaners, helpers, and laborers	2,496	2,724	2,936	3,049	251	261	287	297
Farming, forestry, fishing	1,137	1,150	1,221	1,222	200	216	234	252
Occupation, female:								
Managerial and professional	7,139	8,302	8,802	10,363	357	399	465	488
Exec., admin., managerial	2,772	3,492	4,487	4,791	339	383	430	458
Professional specialty	4,367	4,810	5,315	5,572	367	408	485	506
Technical, sales, and administrative support	13,517	14,622	15,664	15,863	247	269	305	317
Tech. and related support	1,146	1,200	1,313	1,376	299	331	384	403
Sales	2,460	2,929	3,222	3,401	204	226	264	278
Admin. support, incl. clerical	9,911	10,494	11,129	11,085	248	270	305	316
Service	3,598	3,963	4,352	4,487	173	185	208	218
Private household	267	330	320	310	116	130	139	157
Protective	139	156	204	224	250	278	347	354
Other service	3,193	3,477	3,828	3,953	176	188	210	219
Precision production <sup>4</sup>	784	906	926	913	256	268	302	311
Mechanics and repairers	120	144	137	138	337	392	392	470
Construction trades	45	53	69	64	(B)	265	335	336
Other	619	709	721	711	244	253	284	295
Operators, fabricators, and laborers	3,486	3,482	3,737	3,817	204	216	238	252
Machine operators, assemblers, and inspectors	2,853	2,778	2,952	3,004	202	216	236	251
Transportation and material moving	159	189	216	226	253	252	286	307
Handlers, equipment cleaners, helpers and laborers	474	514	569	587	211	209	237	241
Farming, forestry, fishing	143	138	161	162	169	185	201	211

B Data not shown where base is less than 50,000. NA Not available. <sup>1</sup> Includes other races, not shown separately. <sup>2</sup> Persons of Hispanic origin may be of any race. <sup>3</sup> The majority of these persons are living alone or with nonrelatives. Also included are persons in families where the husband, wife or other person maintaining the family is in the Armed Forces, and persons in unrelated subfamilies. <sup>4</sup> Includes craft and repair.

Source: U.S. Bureau of Labor Statistics, Bulletin 2307, and *Employment and Earnings*, January issues.

### No. 679. Median Weekly Earnings of Families by Type of Family, Number of Earners, Race, and Hispanic Origin: 1980 to 1989

[In current dollars of usual weekly earnings. Annual averages of quarterly figures based on Current Population Survey; see text, section 1, and Appendix III. For families with wage and salary earners]

CHARACTERISTIC	NUMBER OF FAMILIES (1,000)					MEDIAN WEEKLY EARNINGS (dollars)				
	1980	1985	1987	1988	1989	1980	1985	1987	1988	1989
<b>TOTAL</b>										
<b>Total families with earners<sup>1</sup></b>	<b>41,162</b>	<b>41,616</b>	<b>42,733</b>	<b>42,913</b>	<b>43,525</b>	<b>400</b>	<b>522</b>	<b>572</b>	<b>596</b>	<b>624</b>
Married-couple families	33,825	33,459	33,844	33,864	34,125	433	582	637	668	701
One earner	14,797	13,347	12,668	12,365	12,139	303	385	405	418	430
Husband	12,127	10,346	9,640	9,429	9,175	336	440	477	489	502
Wife	2,059	2,243	2,272	2,199	2,236	159	217	230	238	251
Other family member	611	758	757	736	727	163	204	212	228	253
Two or more earners <sup>2</sup>	19,028	20,112	21,176	21,499	21,987	535	715	776	811	845
Husband and wife only	12,990	14,019	14,955	15,278	15,761	507	684	741	773	808
Husband and other family member(s)	2,369	2,159	1,996	1,872	1,811	557	689	749	787	801
Wife and other family member(s)	426	514	560	520	519	350	454	512	495	521
Other family members only	139	176	147	162	169	358	468	501	494	558
Families maintained by women	5,690	6,470	6,963	6,989	7,295	222	297	317	334	347
One earner	4,022	4,397	4,702	4,741	4,929	184	234	254	260	273
Householder	3,104	3,432	3,675	3,743	3,898	188	243	263	269	282
Other family member	918	965	1,027	999	1,031	168	200	215	225	234
Two or more earners	1,668	2,073	2,260	2,247	2,366	370	487	514	554	566
Families maintained by men	1,647	1,688	1,926	2,061	2,104	360	450	478	486	506
One earner	1,016	1,031	1,144	1,221	1,216	283	346	353	374	382
Two or more earners	631	656	782	840	888	502	625	675	700	718
<b>WHITE</b>										
<b>Total families with earners<sup>1</sup></b>	<b>35,786</b>	<b>35,848</b>	<b>36,555</b>	<b>36,667</b>	<b>36,981</b>	<b>411</b>	<b>543</b>	<b>592</b>	<b>616</b>	<b>651</b>
Married-couple families	30,316	29,899	30,095	30,135	30,233	438	589	647	677	712
One earner <sup>2</sup>	13,437	12,097	11,385	11,120	10,815	311	395	416	432	449
Husband	11,152	9,496	8,784	8,609	8,310	343	452	485	497	511
Wife	1,740	1,925	1,946	1,866	1,879	160	218	231	243	254
Two or more earners	16,878	17,802	18,710	19,015	19,418	542	723	785	818	854
Husband and wife only	11,448	12,394	13,232	13,516	13,944	511	691	748	780	817
Families maintained by women	4,140	4,616	4,959	4,930	5,114	233	311	329	351	363
Families maintained by men	1,331	1,333	1,501	1,602	1,634	374	475	492	496	522
<b>BLACK</b>										
<b>Total families with earners<sup>1</sup></b>	<b>4,503</b>	<b>4,668</b>	<b>4,942</b>	<b>4,999</b>	<b>5,133</b>	<b>299</b>	<b>378</b>	<b>412</b>	<b>435</b>	<b>447</b>
Married-couple families	2,802	2,671	2,768	2,747	2,782	366	487	529	576	579
One earner <sup>2</sup>	1,103	902	924	878	929	210	257	289	281	299
Husband	769	580	581	546	576	244	292	335	339	360
Wife	279	257	264	258	282	151	206	215	205	230
Two or more earners	1,700	1,769	1,843	1,870	1,853	472	622	675	713	730
Husband and wife only	1,238	1,258	1,318	1,340	1,348	461	603	646	685	706
Families maintained by women	1,438	1,703	1,822	1,884	1,984	192	259	284	291	303
Families maintained by men	263	294	352	368	367	307	360	383	419	430
<b>HISPANIC ORIGIN<sup>3</sup></b>										
<b>Total families with earners<sup>1</sup></b>	<b>(NA)</b>	<b>(NA)</b>	<b>3,219</b>	<b>3,384</b>	<b>3,542</b>	<b>(NA)</b>	<b>(NA)</b>	<b>425</b>	<b>451</b>	<b>480</b>
Married-couple families	(NA)	(NA)	2,411	2,488	2,619	(NA)	(NA)	473	494	520
One earner <sup>2</sup>	(NA)	(NA)	1,032	1,044	1,044	(NA)	(NA)	292	301	310
Husband	(NA)	(NA)	838	867	858	(NA)	(NA)	314	316	332
Wife	(NA)	(NA)	122	119	126	(NA)	(NA)	209	236	220
Two or more earners	(NA)	(NA)	1,379	1,444	1,574	(NA)	(NA)	615	671	667
Husband and wife only	(NA)	(NA)	864	908	977	(NA)	(NA)	593	623	630
Families maintained by women	(NA)	(NA)	575	634	633	(NA)	(NA)	285	295	337
Families maintained by men	(NA)	(NA)	234	261	291	(NA)	(NA)	418	429	467

NA Not available. <sup>1</sup> Excludes families in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is either self-employed or in the Armed Forces. <sup>2</sup> Includes other earners, not shown separately. <sup>3</sup> Persons of Hispanic origin may be of any race.

Source: U.S. Bureau of Labor Statistics, Bulletin 2307, and *Employment and Earnings*, January issues.

**No. 680. Number of Workers With Earnings and Median Earnings, by Occupation of Longest Job Held and Sex: 1989**[Covers civilians 15 years old and over as of **March 1990**. Based on Current Population Survey; see text, section 1, and Appendix III. For definition of median, see Guide to Tabular Presentation]

MAJOR OCCUPATION OF LONGEST JOB HELD	ALL WORKERS				YEAR ROUND FULL-TIME					
	Women		Men		Women		Men		Ratio: Women to men	
	Number (1,000)	Median earnings	Number (1,000)	Median earnings	Number (1,000)	Median earnings	Number (1,000)	Median earnings	Number	Median earnings
<b>Total</b> <sup>1</sup>	<b>61,338</b>	<b>\$11,736</b>	<b>72,045</b>	<b>\$21,376</b>	<b>31,290</b>	<b>\$18,778</b>	<b>48,825</b>	<b>\$27,430</b>	<b>0.64</b>	<b>0.68</b>
Executive, administrators, and managerial	6,370	21,551	9,221	36,696	4,765	24,589	7,940	40,103	0.60	0.61
Professional specialty	8,703	22,089	8,053	35,548	4,701	27,933	6,316	39,449	0.74	0.71
Technical and related support	2,056	18,484	2,105	27,453	1,337	21,768	1,583	31,371	0.84	0.69
Sales	8,653	6,990	7,929	22,777	3,384	16,057	5,735	29,676	0.59	0.54
Admin. support, incl. clerical	16,539	13,542	4,152	19,991	9,619	17,517	2,912	25,138	3.30	0.70
Precision production, craft and repair	1,311	14,121	13,661	22,146	835	17,457	9,622	26,499	0.09	0.66
Machine operators, assemblers, and inspectors	3,788	10,845	5,080	19,200	2,142	14,463	3,608	22,343	0.59	0.65
Transportation and material moving	511	9,114	4,858	19,474	184	16,288	3,172	23,612	0.06	0.69
Handlers, equipment cleaners, helpers, and laborers	1,061	6,654	5,045	9,264	342	14,095	2,129	18,046	0.16	0.78
Service workers	11,611	5,487	7,465	10,558	3,763	11,669	3,939	18,903	0.96	0.62
Private household	1,047	2,042	51	(B)	201	6,882	17	(B)	11.82	(X)
Service, except private household	10,564	5,940	7,413	10,599	3,563	11,868	3,921	18,970	0.91	0.63
Farming, forestry, and fishing	656	3,977	3,531	7,668	205	11,305	1,769	13,885	0.12	0.81

B Base less than 75,000. X Not applicable. <sup>1</sup> Includes persons whose longest job was in the Armed Forces.Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 168.**No. 681. Employment Cost Index (ECI), by Industry and Occupation: 1983 to 1989**[As of **December**. The ECI is a measure of the rate of change in employee compensation (wages, salaries, and employer costs for employee benefits). Data are not seasonally adjusted: 1983-1985 based on 1970 Census of Population; thereafter, based on fixed employment counts from the 1980 Census of Population]

ITEM	INDEXES (June 1989 = 100)							PERCENT CHANGE FOR 12 MONTHS ENDING—				
	1983	1984	1985	1986	1987	1988	1989	1985	1986	1987	1988	1989
<b>Civilian workers</b> <sup>1</sup>	<b>79.1</b>	<b>83.2</b>	<b>86.8</b>	<b>89.9</b>	<b>93.1</b>	<b>97.7</b>	<b>102.6</b>	<b>4.3</b>	<b>3.6</b>	<b>3.6</b>	<b>4.9</b>	<b>5.0</b>
Workers, by occupational group:												
White-collar workers	77.5	81.8	85.8	89.2	92.7	97.6	102.9	4.9	4.0	3.9	5.3	5.4
Blue-collar workers	82.0	85.6	88.4	90.9	93.8	97.8	102.0	3.3	2.8	3.2	4.3	4.3
Service workers	78.8	83.9	87.2	90.3	93.1	98.2	102.8	3.9	3.6	3.1	5.5	4.7
Workers, by industry division:												
Manufacturing	80.8	85.0	87.8	90.7	93.4	97.6	102.0	3.3	3.3	3.0	4.5	4.5
Nonmanufacturing	78.4	82.5	86.4	89.6	92.9	97.7	102.8	4.7	3.7	3.7	5.2	5.2
Services	75.2	80.3	84.1	88.0	92.3	97.9	103.7	4.7	4.6	4.9	6.1	5.9
Public administration2	76.9	81.4	85.4	89.7	93.8	97.8	103.2	4.9	5.0	4.6	4.3	5.5
<b>Private industry workers</b> <sup>3</sup>	<b>80.1</b>	<b>84.0</b>	<b>87.3</b>	<b>90.1</b>	<b>93.1</b>	<b>97.6</b>	<b>102.3</b>	<b>3.9</b>	<b>3.2</b>	<b>3.3</b>	<b>4.8</b>	<b>4.8</b>
Workers, by occupational group:												
White-collar workers	78.4	82.4	86.4	89.4	92.7	97.3	102.4	4.9	3.5	3.7	5.0	5.2
Blue-collar workers	82.3	85.8	88.5	90.9	93.7	97.9	101.9	3.1	2.7	3.1	4.5	4.1
Service workers	80.5	85.8	88.4	91.1	93.3	98.2	102.5	3.0	3.1	2.4	5.3	4.4
Workers, by industry division:												
Manufacturing	80.8	85.0	87.8	90.7	93.4	97.6	102.0	3.3	3.3	3.0	4.5	4.5
Nonmanufacturing	79.6	83.4	87.0	89.7	92.9	97.5	102.3	4.3	3.1	3.6	5.0	4.9
Services	(NA)	(NA)	84.1	87.7	92.2	97.5	102.9	(NA)	4.3	5.1	5.7	5.5
Business services	(NA)	(NA)	(NA)	87.2	92.5	97.2	101.3	(NA)	(NA)	6.1	5.1	4.2
Health services	(NA)	(NA)	83.7	87.7	91.5	97.0	103.7	(NA)	4.8	4.3	6.0	6.9
Hospitals	(NA)	(NA)	(NA)	86.8	91.0	96.6	103.5	(NA)	(NA)	4.8	6.2	7.1
Workers by bargaining status:												
Union	84.2	87.8	90.1	92.0	94.5	98.2	101.8	2.6	2.1	2.7	3.9	3.7
Nonunion	78.5	82.5	86.3	89.4	92.7	97.4	102.4	4.6	3.6	3.7	5.1	5.1
<b>State and local government workers</b>	<b>75.1</b>	<b>80.1</b>	<b>84.6</b>	<b>89.0</b>	<b>93.0</b>	<b>98.2</b>	<b>104.3</b>	<b>5.6</b>	<b>5.2</b>	<b>4.5</b>	<b>5.6</b>	<b>6.2</b>
Workers, by occupational group:												
White-collar workers	74.5	79.6	84.2	88.7	92.8	98.3	104.6	5.8	5.3	4.6	5.9	6.4
Blue-collar workers	77.9	82.3	86.7	91.2	94.3	97.5	103.7	5.3	5.2	3.4	3.4	6.4
Workers, by industry division:												
Services	74.1	79.3	84.0	88.6	92.5	98.5	104.7	5.9	5.5	4.4	6.5	6.3
Schools	73.1	78.7	83.6	88.4	92.7	98.7	105.3	6.2	5.7	4.9	6.5	6.7
Elementary and secondary	72.9	78.6	83.6	88.5	92.9	99.1	105.5	6.4	5.9	5.0	6.7	6.5
Services, excluding schools4	77.3	81.4	85.2	88.9	92.2	97.8	103.2	4.7	4.3	3.7	6.1	5.5
Public administration2	76.9	81.4	85.4	89.7	93.8	97.8	103.2	4.9	5.0	4.6	4.3	5.5

NA Not available.  
Federal government work-  
household workers. <sup>4</sup> Ir-  
Source: U.S. Bureau<sup>3</sup> State and local government workers and excludes farm, household, and judicial, administrative, and regulatory activities. <sup>5</sup> Excludes farm and health services. Formerly called hospitals and other services.  
*Employment Cost Index*, quarterly.

### No. 682. Effective Federal Minimum Hourly Wage Rates, 1950 to 1991, and Coverage in 1989

[Employee estimates as of **September 1989**, except as indicated. The Fair Labor Standards Act of 1938 and subsequent amendments provide for minimum wage coverage applicable to specified nonsupervisory employment categories. Exempt from coverage are executives and administrators or professionals]

IN EFFECT	MINIMUM RATES FOR NONFARM			Min-imum rates for farm work-ers <sup>4</sup>	SEX, RACE, AND INDUSTRY	NONSUPERVISORY EMPLOYEES, 1989				
	Laws prior to 1966 <sup>1</sup>	Per-cent, avg. earn-ings <sup>2</sup>	1966 and later <sup>3</sup>			Total (1,000)	Subject to minimum wage rates			
						Total (1,000)	Total (1,000)	Per-cent of total	Prior to 1966 <sup>7,8</sup> (1,000)	1966 and later <sup>9</sup> (1,000)
Jan. 25, 1950.....	\$0.75	54	(X)	(X)	<b>Total.....</b>	<b>91,949</b>	<b>80,685</b>	<b>87.7</b>	<b>51,243</b>	<b>29,442</b>
Mar. 1, 1956.....	1.00	52	(X)	(X)						
Sept. 3, 1961.....	1.15	50	(X)	(X)	Male.....	47,211	41,270	87.4	27,751	13,519
Sept. 3, 1963.....	1.25	51	(X)	(X)	Female.....	44,738	39,415	88.1	23,492	15,923
Feb. 1, 1967.....	1.40	50	\$1.00	\$1.00	White.....	80,774	70,650	87.5	45,771	24,879
Feb. 1, 1968.....	1.60	54	1.15	1.15	Black and other.....	11,175	10,035	89.8	5,472	4,563
Feb. 1, 1969.....	(5)	51	1.30	1.30	Black only.....	10,184	9,145	89.8	4,992	4,153
Feb. 1, 1970.....	(5)	49	1.45	(5)						
Feb. 1, 1971.....	(5)	46	1.60	(5)	<b>Private industry.....</b>	<b>81,039</b>	<b>69,775</b>	<b>86.1</b>	<b>51,243</b>	<b>18,532</b>
					Agriculture.....	1,680	645	38.4	-	645
May 1, 1974.....	2.00	46	1.90	1.60	Mining.....	646	642	99.4	642	-
Jan. 1, 1975.....	2.10	45	2.00	1.80	Construction.....	5,044	5,022	99.6	4,202	820
Jan. 1, 1976.....	2.30	46	2.20	2.00	Manufacturing.....	17,422	16,941	97.2	16,833	108
Jan. 1, 1977.....	(5)	42	2.30	2.20	Transp., public utilities.....	5,100	5,068	99.4	4,989	79
Jan. 1, 1978.....	2.65	44	2.65	2.65	Wholesale trade.....	5,388	4,299	79.8	4,039	260
Jan. 1, 1979.....	2.90	45	2.90	2.90	Retail trade.....	17,739	15,574	87.8	7,914	7,660
Jan. 1, 1980.....	3.10	44	3.10	3.10	Finance, insurance, real estate.....	5,868	4,449	75.8	4,275	174
Jan. 1, 1981.....	3.35	43	3.35	3.35	Service <sup>10</sup> .....	20,832	16,245	78.0	8,349	7,896
Apr. 1, 1990.....	3.80	35	3.80	3.80	Private households.....	1,320	890	67.4	-	890
Apr. 1, 1991.....	4.25	38	4.25	4.25	<b>Government<sup>11</sup>.....</b>	<b>10,910</b>	<b>10,910</b>	<b>100.0</b>	-	<b>10,910</b>

- Represents zero. X Not applicable. <sup>1</sup> Applies to workers covered prior to 1961 Amendments and, after Sept. 1965, to workers covered by 1961 Amendments. Rates set by 1961 Amendments were: Sept. 1961, \$1.00; Sept. 1964, \$1.15; and Sept. 1965, \$1.25. <sup>2</sup> Percent of gross average hourly earnings of production workers in manufacturing. <sup>3</sup> Applies to workers newly covered by Amendments of 1966, 1974, and 1977, and Title IX of Education Amendments of 1972. <sup>4</sup> Included in coverage as of 1966, 1974, and 1977 Amendments. <sup>5</sup> No change in rate. <sup>6</sup> Assumes earnings increase at an annual rate of 3.8 percent. <sup>7</sup> Includes workers in retail-service establishments with less than \$250,000 in gross annual sales which are part of enterprises covered under criteria in effect prior to the 1966 Amendments. These workers became subject under the 1974 Amendments. <sup>8</sup> Currently employed workers subject to provisions. <sup>9</sup> Estimates based on average employment for the ten-month active season. <sup>10</sup> Estimates for educational services in private industry and government relate to October. <sup>11</sup> Federal, State, and local employees.

Source: U.S. Department of Labor, Employment Standards Administration, *Minimum Wage and Maximum Hours Standards Under the Fair Labor Standards Act*, 1981, annual; and unpublished data.

### No. 683. Workers Paid Hourly Rates, by Selected Characteristics: 1989

[Annual averages of monthly figures; for employed wage and salary workers. Based on Current Population Survey, see text, section 1, and Appendix III]

CHARACTERISTIC	NUMBER OF WORKERS <sup>1</sup> (1,000)				PERCENT DISTRIBUTION			PERCENT OF ALL WORKERS PAID HOURLY RATES			Median hourly earnings of workers paid hourly rates <sup>2</sup>
	Total paid hourly rates	At or below \$3.35			Total paid hourly rates	At or below \$3.35		At or below \$3.35			
		Total	At \$3.35	Below \$3.35		At \$3.35	Below \$3.35	Total	At \$3.35	Below \$3.35	
Total, 16 years and over <sup>3</sup>	62,389	3,162	1,790	1,372	100.0	100.0	100.0	5.1	2.9	2.2	\$6.99
16 to 24 years	15,635	1,723	1,050	673	25.1	58.7	49.1	11.0	6.7	4.3	4.95
16 to 19 years	6,077	1,079	710	369	9.7	39.7	26.9	17.8	11.7	6.1	4.22
25 years and over	46,754	1,438	739	699	74.9	41.3	50.9	3.1	1.6	1.5	7.94
Male, 16 years and over	31,687	1,112	733	379	50.8	40.9	27.6	3.5	2.3	1.2	8.10
16 to 24 years	8,135	717	497	220	13.0	27.8	16.0	8.8	6.1	2.7	5.17
16 to 19 years	3,086	461	343	118	4.9	19.2	8.6	15.0	11.2	3.8	4.39
25 years and over	23,552	396	237	159	37.8	13.2	11.6	1.7	1.0	0.7	9.71
Women, 16 years and over	30,702	2,050	1,056	994	49.2	59.0	72.4	6.7	3.4	3.2	6.11
16 to 24 years	7,500	1,006	553	453	12.0	30.9	33.0	13.4	7.4	6.0	4.69
16 to 19 years	3,011	618	367	251	4.8	20.5	18.3	20.5	12.2	8.3	4.10
25 years and over	23,203	1,043	503	540	37.2	28.1	39.4	4.5	2.2	2.3	6.78
White	52,249	2,593	1,380	1,213	83.7	77.1	88.4	5.0	2.6	2.3	7.08
Black	8,152	491	372	119	13.1	20.8	8.7	6.0	4.6	1.5	6.43
Hispanic origin <sup>4</sup>	5,692	277	192	85	9.1	10.7	6.2	4.9	3.4	1.5	6.07
Full-time workers	47,059	1,040	585	455	75.4	32.7	33.2	2.2	1.2	1.0	7.83
Part-time workers <sup>5</sup>	15,330	2,122	1,204	918	24.6	67.3	66.9	13.8	7.9	6.0	4.83
Private sector	54,540	2,895	1,590	1,305	87.4	88.8	95.1	5.3	2.9	2.4	6.81
Goods-producing industries <sup>6</sup>	19,468	323	234	89	31.2	13.1	6.5	1.7	1.2	0.5	8.29
Service-producing industries <sup>7</sup>	35,072	2,571	1,356	1,215	56.2	75.8	88.6	7.3	3.9	3.5	5.95
Public sector	7,849	267	199	68	12.6	11.1	5.0	3.4	2.5	0.9	8.60

<sup>1</sup> Excludes the incorporated self-employed. <sup>2</sup> For definition of median, see Guide to Tabular Presentation. <sup>3</sup> Includes races not shown separately. <sup>4</sup> Persons of Hispanic origin may be of any race. <sup>5</sup> Working fewer than 35 hours per week. <sup>6</sup> Includes agriculture, mining, construction, and manufacturing. <sup>7</sup> Includes transportation and public utilities; wholesale trade; finance, insurance, and real estate; private households; and other service industries, not shown separately. Source: U.S. Bureau of Labor Statistics, unpublished data.

**No. 684. Employer Costs for Employee Compensation per Hour Worked, 1989 and 1990, and by Industry, 1990**

(As of March, for private industry workers. Based on a sample of establishments; see source for details)

COMPENSATION COMPONENT	1989, total cost (dol.)	1990, COST (dol.)					1989, percent distribution	1990, PERCENT DISTRIBUTION				
		Total	Goods producing <sup>1</sup>	Service producing <sup>2</sup>	Manufacturing	Non-manufacturing		Total	Goods producing <sup>1</sup>	Service producing <sup>2</sup>	Manufacturing	Non-manufacturing
<b>Total compensation...</b>	<b>14.28</b>	<b>14.96</b>	<b>17.55</b>	<b>13.97</b>	<b>17.33</b>	<b>14.32</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Wages and salaries	10.38	10.84	12.14	10.34	11.86	10.56	72.7	72.4	69.2	74.0	68.4	73.7
Total benefits	3.90	4.13	5.41	3.63	5.47	3.76	27.3	27.6	30.8	26.0	31.6	26.3
Paid leave	1.00	1.03	1.19	0.96	1.31	0.95	7.0	6.9	6.8	6.9	7.6	6.6
Vacation	0.50	0.51	0.62	0.47	0.67	0.47	3.5	3.4	3.5	3.3	3.9	3.3
Holiday	0.34	0.34	0.43	0.31	0.48	0.31	2.4	2.3	2.4	2.2	2.7	2.2
Sick	0.12	0.13	0.10	0.14	0.12	0.13	0.9	0.9	0.6	1.0	0.7	0.9
Other	0.04	0.04	0.04	0.05	0.05	0.04	0.3	0.3	0.2	0.3	0.3	0.3
Supplemental pay	0.34	0.37	0.61	0.28	0.65	0.29	2.4	2.5	3.5	2.0	3.7	2.0
Premium pay	0.17	0.17	0.34	0.10	0.34	0.12	1.2	1.1	1.9	0.7	2.0	0.8
Nonproduction bonuses	0.12	0.16	0.20	0.14	0.22	0.14	0.8	1.0	1.2	1.0	1.3	1.0
Shift pay	0.05	0.05	0.07	0.04	0.09	0.03	0.3	0.3	0.4	0.3	0.5	0.2
Insurance	0.85	0.92	1.26	0.79	1.37	0.80	6.0	6.1	7.2	5.6	7.9	5.6
Pensions and savings	0.42	0.45	0.61	0.39	0.56	0.42	2.9	3.0	3.5	2.8	3.3	2.9
Pensions	0.34	0.36	0.48	0.31	0.42	0.34	2.4	2.4	2.7	2.2	2.4	2.4
Savings and thrift	0.08	0.09	0.14	0.07	0.14	0.08	0.6	0.6	0.8	0.5	0.8	0.5
Legally required <sup>3</sup>	1.27	1.35	1.70	1.21	1.54	1.29	8.9	9.0	9.7	8.7	8.9	9.0
Social Security	0.84	0.89	1.03	0.84	1.02	0.86	5.9	6.0	5.9	6.0	5.9	6.0
Federal unemployment	0.03	0.03	0.03	0.03	0.03	0.03	0.2	0.2	0.2	0.2	0.2	0.2
State unemployment	0.11	0.09	0.13	0.08	0.12	0.09	0.8	0.6	0.8	0.6	0.7	0.6
Workers compensation	0.27	0.31	0.50	0.23	0.36	0.29	1.9	2.1	2.8	1.7	2.1	2.0
Other benefits <sup>4</sup>	0.02	(Z)	0.03	(Z)	0.04	(Z)	0.1	(Z)	0.2	(Z)	0.2	(Z)

Z Represents or rounds to zero. <sup>1</sup> Mining, construction, and manufacturing. <sup>2</sup> Transportation, communications, public utilities, wholesale trade, retail trade, finance, insurance, real estate, and services. <sup>3</sup> Includes railroad retirement, railroad unemployment, railroad supplemental unemployment, and other legally required benefits, not shown separately. <sup>4</sup> Includes severance pay, and supplemental unemployment benefits.

Source: U.S. Bureau of Labor Statistics, *News, Employer Costs for Employee Compensation*, June 1990, USDL 90-317.

**No. 685. Employees With Employer- or Union-Provided Pension Plans, or Group Health Plans, by Occupation, 1989 and Industry, 1987**

(In thousands, except percent. For civilian wage and salary workers 15 years old and over as of March 1988 and 1990. Based on Current Population Survey; see text, section 1, and Appendix III)

OCCUPATION, 1989	Total	WITH PENSION PLANS		WITH GROUP HEALTH PLANS		INDUSTRY, 1987	Total	WITH PENSION PLANS		WITH GROUP HEALTH PLANS	
		Num-ber	Per-cent	Num-ber	Per-cent			Num-ber	Per-cent	Num-ber	Per-cent
<b>Total<sup>1</sup></b>	<b>132,730</b>	<b>52,074</b>	<b>39.2</b>	<b>70,923</b>	<b>53.4</b>	<b>Total<sup>1</sup></b>	<b>118,150</b>	<b>48,195</b>	<b>40.8</b>	<b>66,822</b>	<b>56.6</b>
Executive, admin., managerial	15,576	8,041	51.6	10,892	69.9	Agriculture, forestry, fisheries	2,457	210	8.5	540	22.0
Prof. specialty	16,742	9,726	58.1	11,267	67.3	Mining	773	473	61.2	620	80.2
Tech./related support	4,153	2,217	53.4	2,871	69.1	Construction	6,928	2,104	30.4	3,504	50.6
Sales workers	16,612	4,138	24.9	7,069	42.6	Manufacturing	22,686	12,289	54.2	17,014	75.0
Admin. support, inc. clerical	20,785	9,602	46.2	12,057	58.0	Transportation, public utilities	8,186	4,900	59.9	6,097	74.5
Precision prod., craft/repair	14,965	6,137	41.0	9,056	60.5	Wholesale trade	4,565	1,811	39.7	3,067	67.2
Mach. operators, assemblers	8,863	3,832	43.2	5,714	64.5	Retail trade	21,527	3,934	18.3	7,335	34.1
Transportation/material moving	5,368	2,104	39.2	3,055	56.9	Finance, insurance, real estate	7,931	3,637	45.9	5,230	65.9
Handlers, equip. cleaners	6,103	1,642	26.9	2,370	38.8	Business services	6,257	1,485	23.7	2,868	45.8
Service workers	19,076	4,170	21.9	5,728	30.0	Personal services	4,642	440	9.5	1,091	23.5
Pvt. households	1,098	10	0.9	56	5.1	Entertainment and recreation	1,632	292	17.9	536	32.8
Other	17,978	4,160	23.1	5,672	31.6	Professional and related	24,463	12,047	49.2	14,477	59.2
Farming, forestry and fishing	4,254	364	8.6	793	18.6	Public administration	5,878	4,490	76.4	4,402	74.9
Armed Forces	233	102	43.6	50	21.6						

<sup>1</sup> Includes civilians whose longest job was in the Armed Forces, not shown separately. <sup>2</sup> Includes inspectors. <sup>3</sup> Includes helpers and laborers.

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



**No. 686. Employee Benefits in Medium and Large Firms: 1989**

[Covers full-time employees in private industry, excludes establishments with fewer than 100 workers, executive and traveling operating employees, and Alaska and Hawaii. Covers only benefits for which the employer pays part or all of the premium or expenses involved, except unpaid parental leave and long-term care insurance. Based on a sample survey of establishments; for details, see source. For data on employee benefits in State and local governments, see table 500]

TYPE OF EMPLOYEE BENEFIT	All employees	Professional and administrative	Technical and clerical	Production and service	TYPE OF EMPLOYEE BENEFIT	All employees	Professional and administrative	Technical and clerical	Production and service
Percent of employees participating in—					Retirement and savings plans:				
Paid: Vacations . . . . .	97	98	99	95	Defined benefit pension . . . . .	63	64	63	63
Holidays . . . . .	97	97	96	97	Earnings-based formula <sup>2</sup> . . . . .	47	59	54	38
Jury duty leave . . . . .	90	95	92	87	Defined contribution . . . . .	48	59	52	40
Funeral leave . . . . .	84	87	86	80	Savings and thrift . . . . .	30	41	35	21
Rest time . . . . .	71	57	69	80	Employee stock ownership . . . . .	3	4	3	3
Military leave . . . . .	53	61	57	45	Deferred profit sharing . . . . .	15	13	13	16
Sick leave . . . . .	68	93	87	44	Money purchase pension . . . . .	5	8	6	3
Personal leave . . . . .	22	28	30	14	Additional benefits:				
Lunch time . . . . .	10	4	4	16	Parking . . . . .	90	85	86	94
Maternity leave . . . . .	3	4	2	3	Educational assistance . . . . .	69	81	75	59
Paternity leave . . . . .	1	2	1	1	Employee discounts . . . . .	54	53	58	52
Unpaid: Maternity leave . . . . .	37	39	37	35	Travel accident insurance . . . . .	53	69	60	39
Paternity leave . . . . .	18	20	17	17	In-house infirmary . . . . .	36	40	35	34
Insurance plans:					Severance pay . . . . .	39	54	46	27
Medical care . . . . .	92	93	91	93	Relocation allowance . . . . .	36	68	29	21
Noncontributory . . . . .	48	45	41	54	Recreation facilities . . . . .	28	36	26	24
Hospital/surgical . . . . .	90	91	89	91	Subsidized meals . . . . .	23	29	29	16
Mental health care . . . . .	89	91	88	90	Nonproduction bonuses, cash . . . . .	27	26	28	28
Private duty nursing . . . . .	79	82	80	78	Gifts, non-cash . . . . .	24	25	23	25
Dental . . . . .	66	69	66	65	Financial counseling . . . . .	9	12	11	6
Extended care facility . . . . .	74	75	74	74	Supplemental unemployment benefits . . . . .	5	2	2	9
Home health care . . . . .	69	74	72	65	Subsidized commuting . . . . .	5	7	6	3
Hospice care . . . . .	39	46	43	33	Prepaid legal services . . . . .	4	2	2	5
Vision . . . . .	32	33	33	33	Child care . . . . .	5	6	6	3
in HMO's . . . . .	16	20	18	11	Flexible benefits plans . . . . .	9	14	15	3
Alcohol abuse treatment . . . . .	89	90	88	89	Reimbursement accounts <sup>3</sup> . . . . .	23	36	31	11
Drug abuse treatment . . . . .	88	90	87	89	Eldercare . . . . .	3	4	3	2
Life . . . . .	94	95	94	93	Long-term care insurance . . . . .	3	3	3	2
Noncontributory . . . . .	82	82	81	83	Wellness programs . . . . .	23	30	25	19
Accident/sickness . . . . .	43	29	29	58	Employee assistance programs . . . . .	49	57	50	44
Noncontributory . . . . .	36	22	22	51					
Long-term disability . . . . .	45	65	57	27					
Noncontributory . . . . .	35	50	43	23					

<sup>1</sup> Includes physician visits in hospitals, diagnostic X-ray and lab, and auxiliary hospital services. <sup>2</sup> Earnings-based formulas pay a percent of employee's annual earnings (usually earnings in the final years of employment) per year of service. <sup>3</sup> Account which is used throughout the year to pay for plan premiums or to reimburse the employee for benefit related expenses. Account may be financed by employer, employee, or both.

Source: U.S. Bureau of Labor Statistics, *Employee Benefits in Medium and Large Firms, 1989*, Bulletin 2363.

**No. 687. Establishments Providing Child Care Benefits and/or Varied Work-Schedule Policies, by Establishment Size and Sector: 1987**

[As of summer. For establishments with 10 employees or more. Based on sample; for details, see source]

ITEM	Total	SIZE			SECTOR			
		10-49 em- ployees	50-249 em- ployees	250 em- ployees or more	Private			Govern- ment
					Total	Goods <sup>1</sup>	Serv- ices <sup>2</sup>	
<b>Total establishments (1,000)</b> . . . . .	<b>1,202</b>	<b>919</b>	<b>236</b>	<b>47</b>	<b>1,128</b>	<b>272</b>	<b>856</b>	<b>74</b>
Percent providing child-care benefits or services <sup>5</sup>	11.1	9.0	15.3	31.8	10.1	6.3	11.3	26.4
Employer-sponsored day care . . . . .	2.1	1.9	2.2	5.2	1.6	0.3	2.0	9.4
Assisted with child-care expenses <sup>4</sup>	3.1	2.4	4.7	8.9	3.1	1.9	3.5	2.9
Child-care information and referral services	5.1	4.3	6.3	14.0	4.3	2.3	5.0	15.8
Counseling services <sup>5</sup>	5.1	3.8	7.6	17.1	4.2	3.0	4.6	18.2
Percent with varied work-schedule policies aiding child care <sup>3</sup>	61.2	62.0	58.1	59.4	61.4	51.3	64.6	57.2
Flexitime . . . . .	43.2	45.1	37.7	34.9	43.6	31.3	47.5	37.5
Voluntary part-time . . . . .	34.8	36.0	32.0	25.1	35.3	22.4	39.4	26.7
Job sharing <sup>6</sup>	15.5	16.0	13.7	15.7	15.0	9.0	16.9	23.5
Work at home . . . . .	8.3	9.2	5.6	3.8	8.5	8.2	8.6	4.0
Flexible leave . . . . .	42.9	43.8	39.9	40.2	42.9	37.3	44.6	43.7

<sup>1</sup> Mining, construction, and manufacturing. <sup>2</sup> . . . . . , public utilities, wholesale and retail trade; finance, insurance, and real estate; and services. <sup>3</sup> . . . . . will sum to more than the total percent because many employers provide more than one benefit . . . . . policies, not shown separately. <sup>4</sup> Regular reimbursement of employees' child-care expenses as part of the employee benefits package. <sup>5</sup> A counselor, either a paid employee of the establishment or a contractor provided by the employer, who deals with family-related issues. <sup>6</sup> A formal arrangement whereby work of a single full-time position is performed by more than one employee.

Source: U.S. Bureau of Labor Statistics, *BLS Reports on Employer Child-Care Practices*, USDL 88-7.

### No. 688. Major Collective Bargaining Agreements—Average Percent Effective Wage Adjustments: 1975 to 1989

[In percent, except as indicated. Data represent all wage adjustments implemented under the terms of private nonfarm industry agreements affecting 1,000 workers or more. Series cover production and related workers in manufacturing and nonsupervisory workers in nonmanufacturing industries. Effective wage adjustment data measure all wage changes effective in the year stemming from settlements reached in the year, deferred from prior year agreements, and cost-of-living adjustment (COLA) clauses]

ADJUSTMENTS	1975	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Total effective adjustments (prorated over all workers)	8.7	9.1	9.9	9.5	6.8	4.0	3.7	3.3	2.3	3.1	2.6	3.2
Source:												
Current settlements	2.8	3.0	3.6	2.5	1.7	0.8	0.8	0.7	0.5	0.7	0.7	1.2
Prior agreements	3.7	3.0	3.5	3.8	3.6	2.5	2.0	1.8	1.7	1.8	1.3	1.3
COLA	2.2	3.1	2.8	3.2	1.4	0.6	0.9	0.7	0.2	0.5	0.6	0.7
Industry:												
Manufacturing	8.5	9.6	10.2	9.4	5.2	2.7	4.3	2.8	1.5	3.4	2.8	3.5
Nonmanufacturing	8.9	8.8	9.7	9.5	7.9	4.8	3.3	3.6	2.9	2.9	2.5	3.0
Construction	8.1	7.1	9.9	11.2	9.7	4.4	2.9	3.0	3.0	3.1	2.9	3.1
Transportation and public utilities	9.7	11.2	10.8	8.6	7.1	4.4	3.0	3.6	2.7	2.7	2.1	2.3
Wholesale and retail trade	9.2	6.7	7.6	8.1	6.8	5.1	3.4	3.3	2.9	2.0	2.3	3.2
Services	6.4	7.0	8.1	9.6	7.8	7.0	4.9	5.1	3.7	3.8	3.5	5.3
Nonmanufacturing, excluding construction	9.3	9.5	9.6	8.8	7.1	5.0	3.4	3.7	2.9	2.8	2.4	3.0
Effective wage change for workers receiving change	(NA)	(NA)	(NA)	9.6	7.2	4.7	4.4	4.1	2.8	3.6	3.3	4.0
Source:												
Current settlements	(NA)	(NA)	(NA)	9.8	7.4	2.8	3.0	3.4	1.6	2.9	3.1	4.2
Prior agreements	(NA)	(NA)	(NA)	5.3	6.3	5.9	4.0	3.7	3.9	3.3	3.0	3.4
COLA	(NA)	(NA)	(NA)	6.1	3.1	2.1	2.7	2.2	1.0	2.6	2.7	3.3
Total number of workers receiving wage change (mil.)	(NA)	(NA)	(NA)	8.6	7.9	6.5	6.2	5.6	5.4	5.4	4.7	4.8
Source (mil.):												
Current settlements	(NA)	(NA)	(NA)	2.3	1.9	2.3	1.9	1.4	1.9	1.6	1.4	1.7
Prior agreements	(NA)	(NA)	(NA)	6.3	4.8	3.3	3.7	3.4	2.8	3.5	2.6	2.3
COLA	(NA)	(NA)	(NA)	4.5	3.8	2.3	2.5	2.3	1.4	1.3	1.3	1.3
Number of workers not receiving a wage change (mil.)	(NA)	(NA)	(NA)	0.1	0.5	1.2	1.1	1.4	1.2	1.0	1.3	1.2

NA Not available.

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments*, monthly.

### No. 689. Major Collective Bargaining Settlements—Average Percent Adjustments in Wages and Compensation Negotiated: 1975 to 1989

[In percent, except as indicated. Data represent private nonfarm industry settlements affecting production and related workers in manufacturing and nonsupervisory workers in nonmanufacturing industries. Wage data cover units with 1,000 workers or more. Compensation data relate to units of 5,000 or more. Data relate to contracts negotiated in each calendar year but exclude possible adjustments in wages under cost-of-living adjustment (COLA) clauses, except increases guaranteed by the contract. Includes all settlements, whether wages and benefits were changed or not. Minus sign (-) indicates decrease]

ADJUSTMENTS	1975	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Compensation:												
First year	11.4	9.0	10.4	10.2	3.2	3.4	3.6	2.6	1.1	3.0	3.1	4.5
Over life of contract <sup>1</sup>	8.1	6.6	7.1	8.3	2.8	3.0	2.8	2.7	1.6	2.6	2.5	3.4
Wage-rates:												
All industries:												
First year	10.2	7.4	9.5	9.8	3.8	2.6	2.4	2.3	1.2	2.2	2.5	4.0
Contracts with COLA	12.2	6.2	8.0	8.0	2.2	1.9	2.9	1.6	1.9	2.3	2.4	3.9
Contracts without COLA	9.1	9.1	11.7	10.6	7.0	3.3	2.1	2.7	0.9	2.1	2.7	4.0
Over life of contract <sup>1</sup>	7.8	6.0	7.1	7.9	3.6	2.8	2.4	2.7	1.8	2.1	2.4	3.4
Contracts with COLA	7.1	4.6	5.0	5.5	2.1	2.0	1.8	2.5	1.7	1.5	1.8	2.8
Contracts without COLA	8.3	8.0	10.3	8.8	6.6	3.7	2.7	2.8	1.8	2.5	2.8	3.5
Manufacturing:												
First year	9.8	6.9	7.4	7.2	2.8	0.4	2.3	0.8	-1.2	2.1	2.2	3.9
Over life of contract <sup>1</sup>	8.0	5.4	5.4	6.1	2.6	2.1	1.5	1.8	0.2	1.3	2.1	3.2
Nonmanufacturing:												
First year	10.4	8.0	10.9	11.2	4.8	3.8	2.5	3.3	2.0	2.3	2.8	4.0
Over life of contract <sup>1</sup>	7.8	6.8	8.3	8.8	4.7	3.2	2.9	3.3	2.3	2.7	2.5	3.4
Number of workers affected (mil.)	2.9	3.5	3.8	2.4	3.3	3.1	2.3	2.2	2.5	2.0	1.8	1.9
Manufacturing (mil.)	0.8	1.9	1.6	0.8	1.7	1.1	0.9	0.9	0.8	0.9	0.7	0.4
Nonmanufacturing (mil.)	2.1	1.6	2.2	1.6	1.6	2.0	1.4	1.3	1.9	1.1	1.1	1.5

<sup>1</sup> Average annual rate of change.

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments*, monthly.

### No. 690. Workers Killed or Disabled on the Job, 1960 to 1989, and by Industry Group, 1989

[Data for 1989 are preliminary estimates. Estimates based on data from the U.S. National Center for Health Statistics, State departments of health, and State industrial commissions. Numbers of workers based on data from the U.S. Bureau of Labor Statistics]

YEAR	DEATHS						Dis- abling injur- ics <sup>2</sup> (1,000)	YEAR AND INDUSTRY GROUP	DEATHS		Dis- abling injur- ics <sup>2</sup> (1,000)
	Total		Manufacturing		Nonmanu- facturing				Number (1,000)	Rate <sup>1</sup>	
	Number (1,000)	Rate <sup>1</sup>	Number (1,000)	Rate <sup>1</sup>	Number (1,000)	Rate <sup>1</sup>					
1960. . . . .	13.8	21	1.7	10	12.1	25	1,950	<b>1989, total. . . . .</b>	<b>10.4</b>	<b>9</b>	<b>1,700</b>
1965. . . . .	14.1	20	1.8	10	12.3	24	2,100	Agriculture <sup>3</sup> . . . . .	1.3	40	120
1970. . . . .	13.8	18	1.7	9	12.1	21	2,200	Mining and quarrying <sup>4</sup> . . . . .	0.3	43	30
1975. . . . .	13.0	15	1.6	9	11.4	17	2,200	Construction. . . . .	2.1	32	190
1980. . . . .	13.2	13	1.7	8	11.5	15	2,200	Manufacturing. . . . .	1.1	6	340
1984. . . . .	11.5	11	1.1	6	10.4	12	1,900	Transportation and utilities <sup>5</sup> . . . . .	1.4	24	140
1985. . . . .	11.5	11	1.2	6	10.3	12	2,000	Trade <sup>6</sup> . . . . .	1.1	4	340
1986. . . . .	11.1	10	1.0	5	10.1	11	1,800	Services <sup>6</sup> . . . . .	1.5	4	300
1987. . . . .	11.3	10	1.0	5	10.3	11	1,800	Government . . . . .	1.6	9	240
1988. . . . .	10.8	9	1.1	6	9.7	10	1,800				
1989. . . . .	10.4	9	1.1	6	9.3	10	1,700				

<sup>1</sup> Per 100,000 workers. <sup>2</sup> Disabling injury defined as one which results in death, some degree of physical impairment, or renders the person unable to perform regular activities for a full day beyond the day of the injury. <sup>3</sup> Includes forestry and fishing. <sup>4</sup> Includes oil and gas extractions. <sup>5</sup> Includes wholesale and retail trade. <sup>6</sup> Includes finance, insurance and real estate.

Source: National Safety Council, Chicago, IL, *Accident Facts*, annual. (Copyright.)

### No. 691. Worker Deaths and Injuries and Production Time Lost: 1985 to 1989

ITEM	DEATHS (1,000)			DISABLING INJURIES <sup>1</sup> (mil.)			PRODUCTION TIME LOST (mil. days)					
	1985	1988	1989	1985	1988	1989	In the current year			In future years <sup>2</sup>		
							1985	1988	1989	1985	1988	1989
All accidents . . . . .	46.3	47.8	47.3	4.7	4.6	4.5	100.0	95.0	95.0	380.0	390.0	370.0
On the job . . . . .	11.5	10.8	10.4	2.0	1.8	1.7	40.0	35.0	35.0	110.0	100.0	90.0
Off the job . . . . .	34.9	37.0	36.9	2.7	2.8	2.8	60.0	60.0	60.0	270.0	290.0	280.0
Motor vehicle . . . . .	22.2	24.1	23.3	0.9	1.0	0.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Public nonmotor vehicle . . . . .	6.9	6.4	6.8	0.9	0.8	0.9	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Home . . . . .	5.8	6.5	6.8	0.9	1.0	1.0	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. <sup>1</sup> See footnote 2, table 690. <sup>2</sup> Based on an average of 5,850 days lost in future years per fatality and 565 days lost in future years per permanent injury.

Source: National Safety Council, Chicago IL, *Accident Facts*, 1990. (Copyright.)

### No. 692. Industries With the Highest Occupational Illness and Injury Rates: 1987 and 1988

[Rates per full-time employees. Industries shown are those with highest rates in 1988. See headnote, table 693]

1972 SIC <sup>1</sup> code	INDUSTRY	1987	1988	1972 SIC <sup>1</sup> code	INDUSTRY	1987	1988
(X)	Private sector, total . . . . .	8.3	8.6	2999	Petroleum and coal products, n.e.c. <sup>2</sup>	(NA)	26.5
3731	Ship building and repairing . . . . .	40.1	44.9	2013	Sausages and other prepared meats . . . . .	22.2	25.5
2011	Meat packing plants . . . . .	38.4	39.2	3325	Steel foundries, n.e.c. <sup>2</sup> . . . . .	20.3	25.4
2429	Special product sawmills, n.e.c. . . . .	26.4	31.0	3441	Fabricated structural metal . . . . .	22.6	25.2
3321	Gray iron foundries . . . . .	23.8	30.3	2061	Raw cane sugar . . . . .	22.7	24.8
3465	Automotive stampings . . . . .	20.7	30.0	3211	Flat glass . . . . .	20.8	24.6
3334	Primary aluminum . . . . .	28.6	29.6	3631	Household cooking equipment . . . . .	20.8	24.5
2451	Mobile homes . . . . .	28.9	28.7	3341	Secondary nonferrous metals . . . . .	20.1	24.2
3261	Vitreous plumbing fixtures . . . . .	25.1	28.4	3792	Travel trailers and campers . . . . .	23.5	24.1
2439	Structural wood members, n.e.c. <sup>2</sup> . . . . .	25.6	28.3	2522	Metal office furniture . . . . .	19.8	24.0
3715	Truck trailers . . . . .	20.8	28.3	3316	Cold finishing of steel shapes . . . . .	22.5	24.0
3711	Motor vehicles and car bodies . . . . .	12.8	28.0	2091	Canned and cured seafoods . . . . .	26.4	23.8
2452	Prefabricated wood buildings . . . . .	31.5	27.9	3412	Metal barrels, drums, and pails . . . . .	23.7	23.8
3713	Truck and bus bodies . . . . .	23.0	27.5				

NA Not available. X Not applicable. <sup>1</sup> 1972 Standard Industrial Classification; see text, section 13. <sup>2</sup> N.e.c. means not elsewhere classified.

Source: U.S. Bureau of Labor Statistics, *Occupational Injuries and Illnesses in the United States by Industry*, annual.

### No. 693. Occupational Injury and Illness Incidence Rates, Selected Industries: 1987 and 1988

[Rates per 100 full-time employees. For nonfarm employment data, see table 662. Rates refer to any occupational injury or illness resulting in (1) fatalities, (2) lost workday cases, or (3) nonfatal cases without lost workdays. Incidence rates were calculated as: Number of injuries and illnesses or lost workdays divided by total hours worked by all employees during year multiplied by 200,000 as base for 100 full-time equivalent workers (working 40 hours per week, 50 weeks a year). Based on the 1972 *Standard Industrial Classification (SIC) Manual*]

1972 SIC <sup>1</sup> code	INDUSTRY	1987	1988	1972 SIC <sup>1</sup> code	INDUSTRY	1987	1988
(X)	<b>Private sector<sup>2</sup></b>	<b>8.3</b>	<b>8.6</b>	E	<b>Transportation, public utilities</b>	<b>8.4</b>	<b>8.9</b>
A	Agriculture, forestry, fishing <sup>2</sup>	11.2	10.9	40	Railroad transportation	7.1	6.9
B	Mining	8.5	8.8	41	Local passenger transit <sup>3</sup>	9.2	9.0
10	Metal mining	7.8	8.7	42	Trucking and warehousing	12.3	13.9
11	Anthracite mining	9.7	10.0	44	Water transportation	12.9	12.2
12	Bituminous coal and lignite	11.6	12.0	45	Air transportation	14.3	13.0
13	Oil and gas extraction	8.3	8.3	46	Pipelines, except natural gas	(NA)	3.6
14	Nonmetallic minerals, exc. fuels	5.9	7.2	47	Transportation services	3.4	4.1
C	<b>Construction</b>	<b>14.7</b>	<b>14.6</b>	48	Communication	2.8	3.1
15	General building contractors	14.2	14.0	49	Electric, gas, sanitary services	7.6	7.7
16	Heavy construction contractors	14.5	15.1	F, G	<b>Wholesale and retail trade</b>	<b>7.7</b>	<b>7.8</b>
17	Special trade contractors	15.0	14.7	F	Wholesale trade	7.4	7.6
D	<b>Manufacturing</b>	<b>11.9</b>	<b>13.1</b>	G	Retail trade	7.8	7.9
(X)	Durable goods	12.5	14.2	H	<b>Finance, insurance, real estate<sup>4</sup></b>	<b>2.0</b>	<b>2.5</b>
24	Lumber and wood products	18.9	19.5	60	Banking	1.4	1.5
25	Furniture and fixtures	15.4	16.6	62	Security, commodity brokers	(NA)	0.9
32	Stone, clay, and glass products	14.9	16.0	63	Insurance carriers	1.8	1.7
33	Primary metal industries	17.0	19.4	64	Insurance agents, brokers, and service	1.0	0.9
34	Fabricated metal products	17.0	18.8	65	Real estate	4.7	4.7
35	Machinery, exc. electric	11.3	12.1	I	<b>Services</b>	<b>5.5</b>	<b>5.4</b>
36	Electric and electronic equipment	7.2	8.0	70	Hotels and other lodgings	10.6	10.4
37	Transportation equipment	13.5	17.7	72	Personal services	3.1	3.3
38	Instruments and related products	5.8	6.1	73	Business services	4.6	4.3
39	Miscellaneous	10.7	11.3	75	Auto repair, services, and garages	6.7	6.6
(X)	Nondurable goods	11.1	11.4	76	Miscellaneous repair services	7.2	8.1
20	Food and kindred products	17.7	18.5	78	Motion pictures	2.8	2.8
21	Tobacco manufactures	8.6	9.3	79	Amusement, recreation services	8.7	8.7
22	Textile mill products	9.0	9.6	80	Health services	7.2	7.3
23	Apparel and other textile products	7.4	8.1	81	Legal services	0.6	0.6
26	Paper and allied products	12.8	13.1	82	Educational services	3.3	3.8
27	Printing and publishing	6.7	6.6	83	Social services	5.9	5.2
28	Chemicals and allied products	7.0	7.0	84	Museums, botanical, zoological gardens	6.1	6.9
29	Petroleum and coal products	7.3	7.0	89	Miscellaneous services	1.6	1.7
30	Rubber and misc. plastics	15.9	16.3				
31	Leather and leather products	12.4	11.4				

NA Not available. X Not applicable. <sup>1</sup> 1972 Standard Industrial Classification; see text, section 13. <sup>2</sup> Excludes farms with fewer than 11 employees. <sup>3</sup> Includes interurban. <sup>4</sup> Includes categories not shown separately.

Source: U.S. Bureau of Labor Statistics, *Occupational Injuries and Illnesses in the United States by Industry*, annual.

### No. 694. Work Stoppages: 1960 to 1989

[Excludes work stoppages involving fewer than 1,000 workers and lasting less than 1 day. Information is based on reports of labor disputes appearing in daily newspapers, trade journals, and other public sources. The parties to the disputes are contacted by telephone, when necessary, to clarify details of the stoppages]

YEAR	Number of work stoppages <sup>1</sup>	Workers involved <sup>2</sup> (1,000)	DAYS IDLE		YEAR	Number of work stoppages <sup>1</sup>	Workers involved <sup>2</sup> (1,000)	DAYS IDLE	
			Number <sup>3</sup> (1,000)	Percent estimated working time <sup>4</sup>				Number <sup>3</sup> (1,000)	Percent estimated working time <sup>4</sup>
1960	222	896	13,260	0.09	1979	235	1,021	20,409	0.09
1965	268	999	15,140	0.10	1980	187	795	20,844	0.09
1969	412	1,576	29,397	0.29	1981	145	729	16,908	0.07
1970	381	2,468	52,761	0.29	1982	96	656	9,061	0.04
1971	298	2,516	35,538	0.19	1983	81	909	17,461	0.08
1972	250	975	16,764	0.09	1984	62	376	8,499	0.04
1973	317	1,400	16,280	0.08	1985	54	324	7,079	0.03
1974	424	1,796	31,809	0.16	1986	69	533	11,861	0.05
1975	235	965	17,563	0.09	1987	46	174	4,469	0.02
1976	231	1,519	23,962	0.12	1988	40	118	4,364	0.02
1977	298	1,212	21,258	0.10	1989	51	452	16,996	0.07
1978	219	1,006	23,774	0.11					

<sup>1</sup> Beginning in year indicated.

<sup>2</sup> Workers counted more than once if involved in more than 1 stoppage during the year.

<sup>3</sup> Resulting from all stoppages in effect in a year, including those that began in an earlier year. <sup>4</sup> Agricultural and government employees are included in the total working time; private household, forestry and fishery employees are excluded. <sup>5</sup> Revised since originally published.

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments*, monthly.

**No. 695. U.S. Membership in AFL-CIO Affiliated Unions, by Selected Union: 1979 to 1989**

[In thousands. Figures represent the labor organizations as constituted in 1989 and reflect past merger activity. Membership figures based on average per capita paid membership to the AFL-CIO for the 2-year period ending in June of the year shown and reflect only actively-employed members. Labor unions shown had a membership of 70,000 or more in 1989]

LABOR ORGANIZATION	1979	1985	1987	1989	LABOR ORGANIZATION	1979	1985	1987	1989
<b>Total</b> <sup>1</sup>	<b>13,621</b>	<b>13,109</b>	<b>12,702</b>	<b>14,100</b>	Laborers	475	383	371	406
Actors and Artists	75	100	95	97	Letter Carriers (NALC)	151	186	200	201
Automobile, Aerospace and Agriculture (UAW)	(X)	974	998	917	Machinists and Aerospace (IAM)	688	537	521	517
Bakery, Confectionery and Tobacco	131	115	109	103	Office and Professional Employees	83	90	86	84
Boiler Makers, Iron Ship-builders <sup>2</sup>	129	110	90	75	Oil, Chemical, Atomic Workers (OCAW)	146	108	96	71
Bricklayers	106	95	84	84	Painters	160	133	128	128
Carpenters	626	616	617	613	Paperworkers Int'l	262	232	221	210
Clothing and Textile Workers (ACTWU)	308	228	195	180	Plumbing and Pipefitting	228	226	220	220
Communication Workers (CWA)	485	524	515	492	Postal Workers	245	232	230	213
Electrical Workers (IBEW)	825	791	765	744	Retail, Wholesale Department Store	122	106	140	137
Electronic, Electrical and Salaried <sup>2,4</sup>	243	198	185	171	Rubber, Cork, Linoleum, Plastic	158	106	97	92
Operating Engineers	313	330	330	330	Seafarers	84	80	80	80
Firefighters	150	142	142	142	Service Employees (SEIU) <sup>2,5</sup>	537	688	762	762
Food and Commercial Workers (UFCW)	1,123	989	1,000	999	Sheet Metal Workers	120	108	108	108
Garment Workers (ILGWU)	314	210	173	153	State, County, Municipal (AFSCME) <sup>5</sup>	889	997	1,032	1,090
Glass, Molders, Pottery, and Plastics <sup>2</sup>	50	104	97	86	Steelworkers	964	572	494	481
Government, American Federation (AFGE)	236	199	157	156	Teachers (AFT)	423	470	498	544
Graphic Communications <sup>2</sup>	171	141	136	124	Teamsters <sup>6</sup>	(X)	(X)	(X)	1,161
Hotel Employees and Restaurant Employees	373	327	293	278	Transit Union	94	94	94	96
Ironworkers	146	140	122	111	Transport Workers	85	85	85	85
					Transportation/Communications International	127	102	113	86

X Not applicable. <sup>1</sup> Includes other AFL-CIO affiliated unions, not shown separately. <sup>2</sup> Figures reflect mergers with one or more unions since 1979. For details see source. <sup>3</sup> Includes Blacksmiths, Forgers and Helpers. <sup>4</sup> Includes Machine and Furniture Workers. <sup>5</sup> Excludes Hospital and Health Care Employees which merged into both unions on June 1, 1989, (membership of 23,000 in 1985, 60,000 in 1987, and 58,000 in 1989). <sup>6</sup> Includes Chauffeurs, Warehousemen and Helpers.

Source: American Federation of Labor and Congress of Industrial Organizations, Washington, DC, *Report of the AFL-CIO Executive Council*, annual.

**No. 696. U.S. Union Membership in Manufacturing, by State: 1984 to 1988**

[Data represent annual average dues-paying full-time equivalent membership derived from financial records. Excludes unemployed members. In general, annual per capita revenues received by the parent organization were divided by the per capita rate to yield membership. For unions with multiple dues structures or other structures, other methods were used. See source for details. A right-to-work State has laws which prohibit collective bargaining contracts from including clauses requiring union membership as a condition of employment. Data for DC not available]

STATE	MANUFACTURING— UNION MEMBERSHIP (1,000)			PERCENT OF EMPLOYED <sup>1</sup>			STATE	MANUFACTURING— UNION MEMBERSHIP (1,000)			PERCENT OF EMPLOYED <sup>1</sup>		
	1984	1987	1988	1984	1987	1988		1984	1987	1988	1984	1987	1988
<b>U.S.</b>	<b>5,285.9</b>	<b>4,883.6</b>	<b>4,771.1</b>	<b>27.3</b>	<b>25.8</b>	<b>24.9</b>							
AL <sup>2</sup>	72.2	59.8	57.4	20.1	16.7	15.3	MT	5.6	5.1	5.2	24.9	23.8	25.0
AK	4.3	4.0	3.7	38.1	29.6	25.5	NE <sup>2</sup>	11.1	9.0	9.1	12.3	10.6	9.9
AZ	9.2	7.6	7.2	5.3	4.1	3.8	NV <sup>2</sup>	1.6	1.6	1.5	7.6	6.8	6.2
AR <sup>2</sup>	28.6	28.4	27.3	13.4	13.0	12.0	NH	9.9	8.6	8.2	8.0	7.2	6.7
CA	510.5	494.9	488.4	24.7	23.8	22.6	NJ	184.9	168.1	165.6	25.4	24.7	24.8
CO	21.2	19.6	18.8	10.9	10.7	10.0	NM	5.6	4.2	4.2	15.3	10.8	10.4
CT	70.2	60.9	58.7	16.9	15.6	15.6	NY	668.2	612.8	588.0	50.4	50.3	48.2
DE	13.8	14.3	14.1	19.6	20.7	20.5	NC <sup>2</sup>	41.4	41.5	39.7	5.0	4.9	4.6
FL <sup>3</sup>	43.3	47.6	48.2	8.6	9.1	8.9	ND <sup>2</sup>	2.1	1.8	1.7	13.6	11.5	10.4
GA <sup>2</sup>	77.3	70.9	67.8	14.1	12.4	11.9	OH	469.0	460.1	450.4	41.6	42.1	40.9
HI	9.0	9.5	9.1	41.3	43.0	41.4	OK	30.6	27.2	26.9	17.5	17.1	17.1
ID <sup>3</sup>	7.3	5.0	4.9	13.3	9.3	8.6	OR	49.9	46.3	45.2	24.8	23.0	21.4
IL	407.7	317.8	314.8	40.9	34.2	33.3	PA	457.1	434.8	428.3	40.7	41.9	40.7
IN	248.7	250.9	237.8	40.1	41.3	37.6	RI	13.0	13.2	12.8	10.7	11.0	11.1
IA <sup>2</sup>	65.3	48.9	46.8	30.8	23.1	20.8	SC	14.6	13.2	11.8	3.9	3.6	3.1
KS	22.6	21.1	20.6	12.8	11.8	11.4	SD <sup>2</sup>	1.1	0.9	0.8	3.8	3.1	2.7
KY	69.6	63.9	62.6	27.0	24.8	23.0	TN	78.4	69.6	67.2	15.8	14.0	13.5
LA	36.8	34.9	34.5	20.2	20.8	20.4	TX <sup>2</sup>	159.8	144.0	142.6	15.9	15.0	15.1
ME	23.8	20.4	20.1	21.5	19.8	18.7	UT	6.8	5.1	4.9	7.2	5.5	5.0
MD	71.2	62.9	62.0	32.5	30.3	30.0	VT	5.5	4.4	4.1	11.2	8.9	8.3
MA	128.8	117.1	115.8	19.2	19.4	19.9	VA <sup>2</sup>	48.5	53.1	52.1	11.5	12.5	12.2
MI	487.8	502.2	500.6	50.7	51.9	53.6	WA	99.7	94.1	93.6	34.6	30.0	28.2
MN	96.2	71.8	70.1	25.7	19.3	18.1	WV	34.9	29.1	25.7	38.1	33.6	29.8
MS	19.0	19.8	19.0	8.7	8.8	8.1	WI	161.4	138.9	133.3	31.1	26.7	24.3
MO	179.2	141.2	136.5	31.3	34.1	32.4	WY <sup>2</sup>	1.6	1.5	1.3	20.0	18.5	15.9

<sup>1</sup> Employed in manufacturing. <sup>2</sup> Right-to-work State. <sup>3</sup> Right-to-work State beginning 1987.

Source: Grant/Thornton, Chicago, IL, *Manufacturing Climates Study*, annual.

## No. 697. Union Members, by Selected Characteristics: 1983 and 1989

[Annual averages of monthly data. Covers employed wage and salary workers 16 years old and over. Excludes self-employed workers whose businesses are incorporated although they technically qualify as wage and salary workers. Based on Current Population Survey, see text, section 1 and Appendix III]

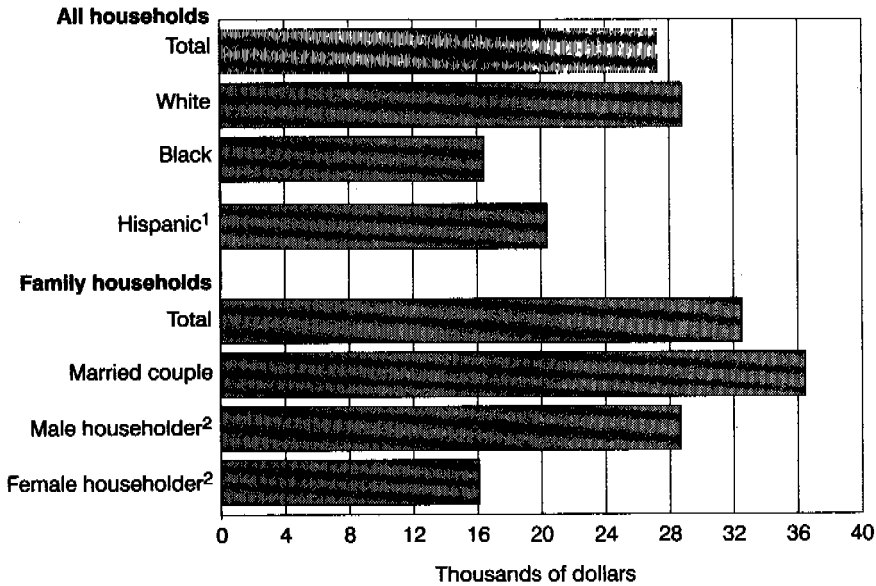
CHARACTERISTIC	EMPLOYED WAGE AND SALARY WORKERS										MEDIAN USUAL WEEKLY EARNINGS <sup>3</sup> (dol.)									
	Total (\$1,000)		Union members <sup>1</sup> (1,000)		Represented by unions <sup>2</sup> (1,000)		Percent union members		Percent represented by union		Total		Union members <sup>1</sup>		Represented by unions <sup>2</sup>		Not represented by unions <sup>2</sup>			
	1983	1989	1983	1989	1983	1989	1983	1989	1983	1989	1983	1989	1983	1989	1983	1989	1983	1989	1983	1989
Total.....	68,290	103,480	17,717	16,960	20,532	19,198	20.1	16.4	23.3	18.6	313	399	388	497	383	494	288	288	372	419
16-24 years.....	19,305	19,154	1,749	1,203	2,145	1,424	9.1	6.3	11.1	7.4	210	259	281	335	275	331	203	203	252	278
25-34 years.....	25,978	31,210	5,087	4,471	5,980	5,150	19.6	14.3	23.3	16.5	361	472	411	519	407	518	339	339	378	438
35-44 years.....	18,792	25,316	4,848	5,292	5,362	5,975	24.8	20.9	30.6	23.6	358	472	404	523	402	523	335	335	431	401
45-54 years.....	13,150	18,233	3,554	3,719	4,014	4,134	27.0	22.9	30.3	25.5	366	472	382	504	390	504	316	316	401	401
55-64 years.....	9,201	9,302	2,474	2,056	2,788	2,272	26.9	22.1	30.3	24.1	348	431	358	478	330	470	238	238	306	306
65 years and over.....	1,834	2,265	196	220	234	243	10.1	8.7	12.1	10.7	260	338	338	330	330	330	330	330	330	330
Men.....	47,856	54,789	11,809	10,820	13,270	11,955	24.7	19.7	27.7	21.8	378	468	416	527	414	524	349	349	430	430
Women.....	40,433	48,691	5,908	6,141	7,262	7,243	14.6	12.6	18.0	14.9	252	328	309	417	307	416	247	247	312	312
White.....	77,046	88,622	14,844	13,894	17,182	15,689	19.3	15.7	22.3	17.7	317	389	396	506	391	503	285	285	384	384
Black.....	34,877	41,212	4,710	4,754	5,818	5,634	13.5	11.5	16.7	13.7	254	334	314	425	324	423	240	240	317	317
Hispanic <sup>4</sup> .....	8,979	11,470	2,440	2,549	2,850	2,912	27.2	22.2	31.7	25.4	281	319	331	425	324	423	222	222	290	290
Men.....	4,477	5,597	1,420	1,367	1,615	1,566	31.7	24.8	36.1	28.0	293	348	366	478	387	470	244	244	305	305
Women.....	4,502	5,873	1,020	1,182	1,235	1,345	22.7	19.8	27.4	22.9	231	301	292	385	287	390	203	203	276	276
Men.....	(NA)	7,894	(NA)	1,196	(NA)	1,330	(NA)	15.2	(NA)	16.8	(NA)	298	(NA)	420	(NA)	417	(NA)	276	276	276
Women.....	(NA)	4,710	(NA)	793	(NA)	970	(NA)	16.8	(NA)	18.5	(NA)	315	(NA)	457	(NA)	451	(NA)	281	281	281
Men.....	(NA)	3,184	(NA)	403	(NA)	460	(NA)	12.6	(NA)	14.5	(NA)	269	(NA)	369	(NA)	368	(NA)	255	255	255
Women.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Full-time workers.....	70,976	84,553	16,271	15,701	18,745	17,883	22.9	18.6	25.4	20.9	313	399	388	497	383	494	288	288	372	419
Part-time workers.....	17,314	18,926	1,446	1,259	1,787	1,515	8.4	6.7	10.3	8.0	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Managerial and professional specialty.....	19,857	25,357	3,354	3,739	4,307	4,806	17.1	14.7	21.9	15.2	437	583	423	584	421	581	446	446	584	584
Technical sales, and admin. support.....	28,024	32,633	3,377	3,299	4,199	3,932	12.1	10.1	15.0	12.1	281	359	350	439	341	431	270	270	346	346
Service occupations.....	12,875	14,410	1,971	1,948	2,306	2,172	15.3	13.5	17.9	15.1	205	253	253	305	241	299	182	182	226	226
Precision, production, craft, and repair.....	10,542	11,906	3,466	3,134	3,760	3,355	32.9	26.3	37.5	28.2	375	454	456	574	450	568	322	322	405	405
Operators, laborers, and laborers.....	15,416	17,399	5,452	4,774	5,839	5,050	35.4	27.4	37.9	29.0	275	323	366	455	361	448	226	226	287	287
Farming, forestry, and fishing.....	1,775	1,774	98	67	122	82	5.5	3.8	6.1	4.6	196	246	292	393	287	379	189	189	239	239
Agricultural wage and salary workers.....	1,446	1,439	49	18	55	31	3.4	1.2	3.8	2.1	198	249	(B)	(B)	(B)	(B)	195	195	246	246
Private nonfarm wage and salary workers.....	71,225	84,504	11,933	10,520	13,369	11,556	16.8	12.4	18.8	13.7	307	387	389	489	385	485	286	286	368	368
Mining.....	668	664	180	117	201	131	20.7	17.5	23.1	19.7	481	565	470	572	470	572	488	488	561	561
Construction.....	4,108	5,322	1,131	1,145	1,207	1,203	27.5	21.5	28.4	22.6	348	431	518	642	510	634	296	296	393	393
Manufacturing.....	19,066	20,690	5,303	4,467	5,812	4,779	27.8	21.6	30.5	23.1	335	415	370	460	368	458	315	315	400	400
Transportation and public utilities.....	5,142	6,109	2,162	1,927	2,376	2,083	42.4	31.3	46.2	34.1	417	502	449	567	445	561	386	386	458	458
Wholesale and retail trade, total.....	18,061	21,136	1,568	1,321	1,775	1,478	8.7	6.3	9.8	7.0	252	305	353	407	348	402	242	242	298	298
Finance, insurance, and real estate.....	5,558	6,851	160	155	228	209	2.9	2.3	4.1	3.1	286	406	284	400	285	399	297	297	407	407
Services.....	18,400	23,731	1,410	1,388	1,770	1,673	7.7	5.8	9.6	7.8	272	357	303	388	303	402	288	288	352	352
Government.....	15,618	17,476	5,735	6,422	7,109	7,811	36.7	38.7	45.5	43.6	351	472	386	509	381	506	318	318	419	419

B Data not shown where base is less than 50,000. NA Not available. X Not applicable.

<sup>1</sup> Members of a labor union or an employee association similar to a labor union. <sup>2</sup> Members of a labor union or an employee association similar to a union as well as workers who report no affiliation but whose jobs are covered by a union or an employee association contract. <sup>3</sup> For full-time employed wage and salary workers, 1983 revised since originally published. <sup>4</sup> Persons of Hispanic origin may be of any race.

Sources: U.S. Bureau of Labor Statistics, *Employment and Earnings*, January issues.

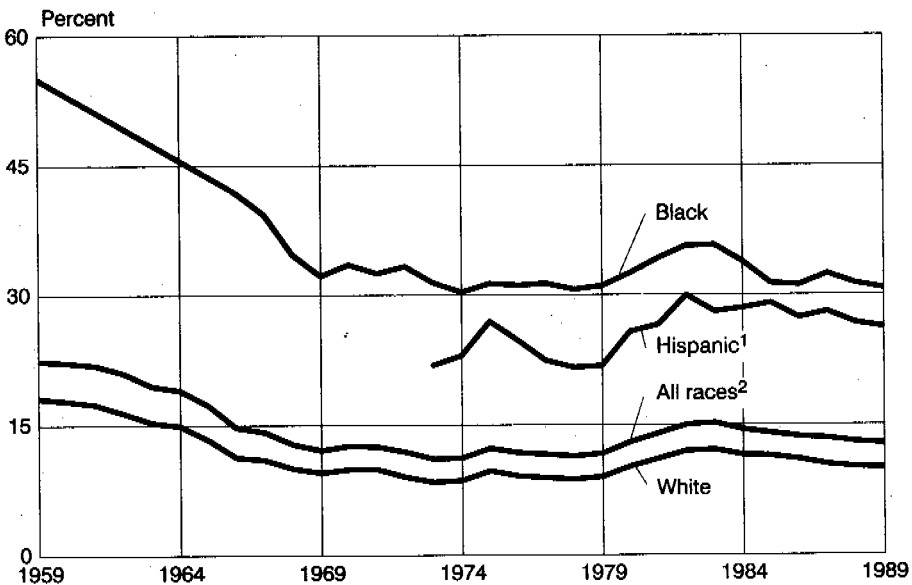
Figure 14.1  
**Median Household Income: 1989**



<sup>1</sup> Hispanic persons may be of any race. <sup>2</sup> Spouse not present.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 725.

Figure 14.2  
**Persons Below the Poverty Level: 1959 to 1989**



<sup>1</sup> Hispanic persons may be of any race. <sup>2</sup> Includes other races not shown separately.

Source: Chart prepared by U.S. Bureau of the Census. For data, see table 745.



## Section 14

**Income, Expenditures, and  
Wealth**

This section presents data on gross national product (GNP), national and personal income, saving and investment, money income, poverty, and national and personal wealth. The data on income and expenditure measure two aspects of the U.S. economy. One aspect relates to the national income and product accounts (NIPA), a summation reflecting the entire complex of the Nation's economic income and output and the interaction of its major components; the other relates to the distribution of money income to families and individuals, or consumer income.

The primary source for data on GNP, national and personal income, and gross saving and investment is the *Survey of Current Business*, published monthly, with supplements, by the Department of Commerce, Bureau of Economic Analysis (BEA). A comprehensive revision to the NIPA was completed in December 1985. A discussion of the revision appears in the October 1985 and the December 1985 *Survey of Current Business*. Detailed historical data appear in *The National Income and Product Accounts of the United States, 1929-82, Statistical Tables* and the July 1986 issue of the *Survey of Current Business*; detailed data for the most recent years are normally published each July in the *Survey*.

Sources of income distribution data are the decennial censuses of population and the Current Population Survey (CPS), both products of the Bureau of the Census (see text, section 1). Annual data on income of families, individuals, and households, by income class, are presented in *Current Population Reports—Consumer Income*, series P-60.

Data on individuals' saving and assets are published by the Board of Governors of the Federal Reserve System in the quarterly *Flow of Funds Accounts*; and detailed information on personal wealth is published periodically by the Internal Revenue Service (IRS) in *SOI Bulletin*.

**National income and product.**—*Gross national product* (GNP) is the total national output of goods and services valued at market prices. GNP can be viewed in terms of expenditure categories which comprise purchases of goods and services by consumers and government, gross private domestic investment, and net exports of goods and services. The goods and services included are largely those bought for final use (excluding illegal transactions) in the market economy. A number of inclusions, however, represent imputed values, the most important of which is rental value of owner-occupied housing. GNP, in this broad context, measures the output attributable to the factors of production—labor and property—supplied by U.S. residents. GNP differs from "national income" mainly in that GNP includes allowances for depreciation and for indirect business taxes (sales and property taxes); see table 702.

*Gross domestic product* (GDP) measures the output of production attributable to all labor and property located in a country. GDP relates to the physical location of the factors of production. *Gross state product* (GSP) is the gross market value of the goods and services attributable to labor and property located in a State. It is the State counterpart of the Nation's gross domestic product.

*National income* is the aggregate of labor and property earnings which arises in the current production of goods and services. It is the sum of employee compensation, proprietors' income, rental income, corporate profits, and net interest. It measures the total factor costs of the goods and services produced by the economy. Income is measured before deduction of taxes on income.

*Capital consumption adjustment* for corporations, nonfarm sole proprietorships, and partnerships is the difference between capital consumption claimed on income tax returns and capital consumption allowances that are measured at straightline depreciation, consistent service lives, and replacement cost. The tax return data are valued at historical costs and reflect changes over time in service lives and depreciation patterns as permitted by tax regulations. *Inventory valuation adjustment* represents the difference between the book value of inventories used up in production and the cost of replacing them.

*Personal income* is the current income received by persons from all sources minus their personal contributions for social insurance. Classified as "persons" are individuals (including owners of unincorporated firms), nonprofit institutions serving individuals, private trust funds, and



private noninsured welfare funds. Personal income includes transfers (payments not resulting from current production) from government and business such as Social Security benefits, public assistance, etc., but excludes transfers among persons. Also included are certain nonmonetary types of income—chiefly estimated net rental value to owner-occupants of their homes and the value of services furnished without payment by financial intermediaries and food and fuel produced and consumed on farms.

*Disposable personal income* is personal income less personal tax and nontax payments. It is the income available to persons for spending and saving. Personal tax and nontax payments are tax payments (net of refunds) by persons (except personal contributions for social insurance) that are not chargeable to business expense, and certain personal payments to general government that are treated like taxes. Personal taxes include income, estate and gift, and personal property taxes and motor vehicle licenses. Nontax payments include passport fees, fines and penalties, donations, and tuitions and fees paid to schools and hospitals operated by government.

**Consumer Expenditure Survey.**—The Consumer Expenditure Survey program was begun in late 1979. The principal objective of the survey is to collect current consumer expenditure data which provide a continuous flow of data on the buying habits of American consumers. The data are necessary for future revisions of the Consumer Price Index.

The survey conducted by the Bureau of the Census for the Bureau of Labor Statistics, consists of two components: (1) An interview panel survey in which the expenditures of consumer units are obtained in five interviews conducted every 3 months; and (2) a diary or recordkeeping survey completed by participating households for two consecutive 1-week periods.

Each component of the survey queries an independent sample of consumer units representative of the U.S. total population. Over 52 weeks of the year, 5,000 consumer units are sampled for the diary survey. Each consumer unit keeps a diary for two 1-week periods yielding approximately 10,000 diaries a year. The interview sample is selected on a rotating panel basis, targeted at 5,000 consumer units per quarter. Data are collected in 88 urban and 16 rural areas of the country that are representative of the U.S. total population. The survey includes students in student housing.

The Diary survey is designed to obtain expenditures on small, frequently purchased items which are normally difficult for respondents to recall. Detailed records of expenses are kept for food and beverages, both at home and in eating places, tobacco, housekeeping supplies, nonprescription drugs, and personal care products and services.

The Interview survey is designed to obtain data on the types of expenditures which respondents can be expected to recall for a period of 3 months or longer. In general, these include relatively large expenditures, such as those for property, automobiles, and major appliances, or expenditures which occur on a fairly regular basis, such as rent, utilities, or insurance premiums. Including "global estimates" for food, it is estimated that about 95 percent of expenditures are covered in the interview. Excluded are nonprescription drugs, household supplies, and personal care items. The Interview survey also provides data on expenditures incurred while on trips. Both surveys exclude all business related expenditures for which the family is reimbursed.

In contrast to previous publications from the survey which have presented data from the diary and quarterly interview surveys separately, the tables in the most recently published *Consumer Expenditure Survey* combine, or integrate, data from the two surveys. Integration is necessary to permit analysis of total family expenditures because neither the diary nor quarterly interview survey was designed to collect a complete account of consumer spending.

**Distribution of money income to families and individuals.**—Money income statistics are based on data collected in various field surveys of income conducted since 1936. Since 1947, the Bureau of the Census has collected the data on an annual basis and published them in *Current Population Reports*, series P-60. In each of the surveys, field representatives interview samples of the population with respect to income received during the previous year. Money income as defined by the Bureau of the Census differs from the BEA concept of "personal income."

Data on consumer income collected in the CPS by the Bureau of the Census cover money income received (exclusive of certain money receipts such as capital gains) before payments for personal income taxes, Social Security, union dues, Medicare deductions, etc. Therefore, money income does not reflect the fact that some families receive part of their income in the form of noncash benefits (see section 12) such as food stamps, health benefits, and subsidized housing; that some farm families receive noncash benefits in the form of rent-free housing and goods produced and consumed on the farm; or that noncash benefits are also received by some nonfarm residents which often take the form of the use of business transportation and facilities, full or partial payments by business for retirement programs, medical and educational expenses,

etc. These elements should be considered when comparing income levels. For data on noncash benefits, see section 12. None of the aggregate income concepts (GNP, national income, or personal income) is exactly comparable with money income, although personal income is the closest.

Several changes were made in the collection and presentation of data from the March 1980 CPS. The changes include (1) the use of a more detailed income questionnaire for all sample households, (2) the use of an expanded sample, (3) the implementation of the "householder" concept rather than the traditional "head" concept, (4) the exclusion of a small number of "secondary families" from the count of all families, (5) the use of more detailed income intervals in the upper range of the income distribution, (6) the introduction of the new farm definition, and (7) the restriction of the population with income to persons 15 years old and over. For more information on the impact and comparability, see the source.

Beginning in the March 1981 Current Population Survey, 1980 census population controls were used; for income years 1971 through 1979, 1970 census population controls had been used. This change had little impact on income summary measures (means and medians) and proportional measures (percent distributions and poverty rates); however, use of the controls may have significant impact on the absolute numbers.

Income and poverty data for 1986 are the first estimates based entirely on households selected from the 1980 census-based sample design. Estimates by type of residence categories such as metropolitan, nonmetropolitan, farm, and nonfarm reflect metropolitan areas defined as of June 1984. In addition, the March 1987 CPS income supplement was revised to allow for the coding of larger earnings amounts on the questionnaire. A description of this change and its effect on estimates in this report can be found in *Current Population Reports*, series P-60, No. 157.

A new computer processing system was introduced to the March 1989 CPS income supplement. The system in use before this year was first introduced in 1976 but was never fully updated to reflect questionnaire changes. In addition, the programs used to process the CPS file were written in a language which was phased out of Census. The March 1988 file was reprocessed based on the new procedures to better evaluate the new processing procedures and allow year to year comparisons to be made using a consistent processing system. A description of this change and its effect on estimates in this report can be found in *Current Population Reports*, series P-60, No. 166.

In October 1983, the Census Bureau began to collect data under the new Survey of Income and Program Participation (SIPP). The information supplied by this survey is expected to provide better measures of the status and changes in income distribution and poverty of households and persons in the United States. The data collected in SIPP will be used to study Federal and State aid programs (such as food stamps, welfare, Medicaid, and subsidized housing), to estimate program costs and coverage, and to assess the effects of proposed changes in program eligibility rules or benefit levels. The core questions are repeated at each interview and cover labor force activity, the types and amounts of income received, and participation status in various programs. The core also contains questions covering attendance in postsecondary schools and private health insurance coverage. Various supplements or topical modules covering areas such as educational attainment, assets and liabilities, and pension plan coverage are periodically included.

**Poverty.**—Families and unrelated individuals are classified as being above or below the poverty level using the poverty index originated at the Social Security Administration in 1964 and revised by Federal Interagency Committees in 1969 and 1980. The poverty index is based solely on money income and does not reflect the fact that many low-income persons receive noncash benefits such as food stamps, Medicaid, and public housing. The index is based on the Department of Agriculture's 1961 Economy Food Plan and reflects the different consumption requirements of families based on their size and composition. The poverty thresholds are updated every year to reflect changes in the Consumer Price Index. The following technical changes to the thresholds were made in 1981: (1) distinctions based on sex of householder have been eliminated; (2) separate thresholds for farm families have been dropped; and (3) the matrix has been expanded to families of nine or more persons from the old cutoff of seven or more persons. These changes have been incorporated in the calculation of poverty data beginning with 1981. The table below shows the average thresholds used for selected years between 1970 and 1988. See *Current Population Reports*, series P-60, Nos. 138, 149, 152, 157, 160, and 168 for more details.

**Weighted Average Poverty Thresholds Based on Money Income for Families and  
Unrelated Individuals: 1970 to 1989**

SIZE OF UNIT	1970 <sup>1</sup>	1975 <sup>1</sup>	1980 <sup>1</sup>	1983	1984	1985	1986	1987	1988	1989
1 person (unrelated individual) . . . . .	\$1,954	\$2,724	\$4,190	\$5,061	\$5,278	\$5,469	\$5,572	\$5,778	\$6,024	\$6,311
Under 65 years . . . . .	2,010	2,797	4,290	5,180	5,400	5,593	5,701	5,909	6,155	6,451
65 years and over . . . . .	1,861	2,581	3,949	4,775	4,979	5,156	5,255	5,447	5,674	5,947
2 persons . . . . .	2,525	3,506	5,363	6,483	6,762	6,998	7,138	7,397	7,704	8,076
Householder under 65 years . . . . .	2,604	3,617	5,537	6,697	6,983	7,231	7,372	7,641	7,958	8,343
Householder 65 years and over . . . . .	2,348	3,257	4,983	6,023	6,282	6,503	6,630	6,872	7,158	7,501
3 persons . . . . .	3,099	4,283	6,565	7,938	8,277	8,573	8,737	9,056	9,436	9,885
4 persons . . . . .	3,968	5,500	8,414	10,178	10,609	10,989	11,203	11,611	12,092	12,675
5 persons . . . . .	4,680	6,499	9,966	12,049	12,566	13,007	13,259	13,737	14,305	14,990
6 persons . . . . .	5,280	7,316	11,269	13,630	14,207	14,696	14,986	15,509	16,149	16,921
7 or more persons . . . . .	6,468	9,022	13,955	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
7 persons . . . . .	(NA)	(NA)	(NA)	15,500	16,096	16,656	17,049	17,649	18,248	19,162
8 persons . . . . .	(NA)	(NA)	(NA)	17,170	17,961	18,512	18,791	19,515	20,279	21,328
9 or more persons . . . . .	(NA)	(NA)	(NA)	20,310	21,247	22,083	22,497	23,105	24,133	25,480

NA Not available. <sup>1</sup> Poverty levels for nonfarm families.

Source: U.S. Bureau of the Census, *Current Population Reports*, P-60, No. 168.

In the recent past, the Bureau of the Census has published a number of technical papers that presented experimental poverty estimates based on income definitions that counted the value of selected government noncash benefits. The Census Bureau has also published annual reports on after-tax income. The *Current Population Reports*, series P-60, No. 169-RD brings together the benefit and tax data that previously appeared in the separate reports. This report shows the distribution of income among households and the prevalence of poverty under the official definition of money income and under definitions that add income components or subtract taxes. The types of income that are included in one or more of the definitions: (1) money income excluding capital gains or lump-sum payments, (2) capital gains, (3) the value of employer contributions to health insurance plans, (4) the value of food stamps, (5) the subsidy value of school lunches, (6) the subsidy value of housing assistance, (7) the fungible values of Medicare and Medicaid coverage (that is, the benefits are counted as income to the extent that they free up resources that could have been spent on medical care), and (8) the imputed net return on equity in own home. The types of taxes accounted for are Federal and State income taxes and payroll taxes.

The poverty statistics presented by the Bureau of the Census and Congressional Budget Office in tables 754 and 756 reflect alternative adjustments for inflation. The study used a variation of the Consumer Price Index to adjust poverty thresholds for the effects of changing prices since 1967. The alternative measure of inflation uses estimates of the cost of renting equivalent housing to assess homeownership costs; this methodology has been used in the official Consumer Price Index since 1983. See text, section 15, and source for more details.

**Personal wealth.**—Personal wealth estimates, issued by the IRS, are based on a sample of Federal estate tax returns which must be filed for deceased persons. Estimates are weighted to adjust for age, sex, and "social class" (as determined by the IRS through insurance holdings). Gross estate is the gross value of all assets, including the full face value of life insurance (reduced by policy loans), before reduction by the amount of debts. The level of gross estate or gross assets required for filing estate tax returns increased from \$60,000 in 1972 to \$120,000 in 1976. Net worth is one's level of worth after all debts have been removed.

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

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

## No. 698. GNP in Current and Constant (1982) Dollars: 1929 to 1989

[In billions of dollars]

ITEM	1929	1935	1940	1945	1950	1960	1970	1975	1980
<b>CURRENT DOLLARS</b>									
Gross national product (GNP) . . . . .	103.9	72.8	100.4	213.4	288.3	515.3	1,015.5	1,598.4	2,732.0
Personal consumption expenditures . . . . .	77.3	55.8	71.0	119.8	192.1	330.7	640.0	1,012.8	1,732.6
Durable goods . . . . .	9.2	5.1	7.8	8.0	30.8	43.5	85.7	135.4	219.3
Nondurable goods . . . . .	37.7	29.3	37.0	71.9	98.2	153.2	270.3	416.2	681.4
Services . . . . .	30.4	21.3	26.2	39.7	63.2	134.0	284.0	461.2	831.9
Gross private domestic investment . . . . .	16.7	6.6	13.4	11.3	55.1	78.2	148.8	219.6	437.0
Fixed investment . . . . .	14.9	5.6	11.2	12.3	48.3	75.1	145.7	225.2	445.3
Nonresidential . . . . .	11.0	4.3	7.7	10.6	27.8	48.8	105.2	162.9	322.8
Residential . . . . .	4.0	1.3	3.5	1.7	20.5	26.3	40.5	62.3	122.5
Change in business inventories . . . . .	1.7	1.1	2.2	-1.0	6.8	3.1	3.1	-5.6	-8.3
Net exports of goods and services . . . . .	1.1	0.1	1.8	-0.5	2.2	5.9	8.5	31.1	32.1
Exports . . . . .	7.1	3.3	5.4	7.4	14.5	29.9	68.9	161.3	351.0
Imports . . . . .	5.9	3.2	3.7	7.9	12.3	24.0	60.5	130.3	318.9
Government purchases . . . . .	8.9	10.2	14.2	83.0	38.8	100.6	218.2	335.0	530.3
Federal . . . . .	1.5	3.1	6.1	74.8	19.1	54.4	98.8	129.2	208.1
National defense . . . . .	(NA)	(NA)	2.3	73.7	14.3	45.3	76.8	89.6	142.7
State and local . . . . .	7.4	7.2	8.1	8.2	19.8	46.1	119.4	205.9	322.2
<b>CONSTANT (1982) DOLLARS</b>									
Gross national product (GNP) . . . . .	709.6	580.2	772.9	1,354.8	1,203.7	1,665.3	2,416.2	2,695.0	3,187.1
Personal consumption expenditures . . . . .	471.4	412.1	502.6	592.7	733.2	1,005.1	1,492.0	1,711.9	2,000.4
Durable goods . . . . .	40.3	28.9	40.6	28.7	80.7	98.0	162.5	205.6	245.9
Nondurable goods . . . . .	211.4	201.5	259.4	323.5	352.8	463.3	632.5	676.5	762.6
Services . . . . .	219.7	181.7	202.7	240.5	299.8	443.9	697.0	829.8	991.9
Gross private domestic investment . . . . .	139.2	60.9	111.8	78.5	234.9	260.5	381.5	383.3	509.3
Fixed investment . . . . .	128.4	54.7	97.4	84.9	210.8	252.7	373.3	396.1	516.2
Nonresidential . . . . .	93.0	40.0	65.0	74.2	124.0	159.4	264.0	281.2	379.2
Residential . . . . .	35.4	14.7	32.5	10.7	86.7	93.3	109.3	114.9	137.0
Change in business inventories . . . . .	10.8	6.2	14.4	-8.4	24.2	7.7	8.2	-12.8	-6.9
Net exports of goods and services . . . . .	4.7	-5.9	8.2	-18.9	4.7	-4.0	-30.0	18.9	57.0
Exports . . . . .	42.1	26.6	40.0	35.2	59.2	98.4	178.3	259.7	388.9
Imports . . . . .	37.4	32.5	31.7	54.1	54.6	102.4	208.3	240.8	332.0
Government purchases . . . . .	94.2	113.0	150.2	704.5	230.8	403.7	572.6	580.9	620.5
Federal . . . . .	18.3	34.1	63.6	634.0	116.7	220.6	268.3	226.3	246.9
National defense . . . . .	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	161.1	171.2
State and local . . . . .	75.9	79.0	86.6	70.5	114.2	183.1	304.3	354.6	373.6
<b>CONSTANT (1982) DOLLARS</b>									
Gross national product (GNP) . . . . .	3,052.6	3,166.0	3,405.7	3,772.2	4,014.9	4,231.6	4,515.6	4,873.7	5,200.8
Personal consumption expenditures . . . . .	1,915.1	2,050.7	2,234.5	2,430.5	2,629.0	2,797.4	3,009.4	3,238.2	3,450.1
Durable goods . . . . .	239.9	252.7	289.1	335.5	372.2	406.0	423.4	457.5	474.6
Nondurable goods . . . . .	740.6	771.0	816.7	867.3	911.2	942.0	1,001.3	1,060.0	1,130.0
Services . . . . .	934.7	1,027.0	1,128.7	1,227.6	1,345.6	1,449.5	1,584.7	1,720.7	1,845.5
Gross private domestic investment . . . . .	515.5	447.3	502.3	664.8	643.1	659.4	699.5	747.1	771.2
Fixed investment . . . . .	491.5	471.8	509.4	597.1	631.8	652.5	671.2	720.8	742.9
Nonresidential . . . . .	369.2	366.7	356.9	416.0	442.9	435.2	444.9	488.4	511.9
Residential . . . . .	122.3	105.1	152.5	181.1	188.8	217.3	226.3	232.5	231.0
Change in business inventories . . . . .	24.0	-24.5	-7.1	67.7	11.3	6.9	28.3	26.2	28.3
Net exports of goods and services . . . . .	33.9	26.3	-6.1	-58.9	-78.0	-97.4	-114.7	-74.1	-46.1
Exports . . . . .	382.8	361.9	352.5	383.5	370.9	396.5	449.6	552.0	626.2
Imports . . . . .	348.9	335.6	358.7	442.4	448.9	493.8	564.3	626.1	672.3
Government purchases . . . . .	588.1	641.7	675.0	735.9	820.8	872.2	921.4	962.5	1,025.6
Federal . . . . .	242.2	272.7	283.5	310.5	355.2	366.5	381.3	380.3	400.0
National defense . . . . .	167.5	193.8	214.4	234.3	259.1	277.8	294.6	297.2	301.1
State and local . . . . .	345.9	369.0	391.5	425.3	465.6	505.7	540.2	582.3	625.6
<b>CONSTANT (1982) DOLLARS</b>									
Gross national product (GNP) . . . . .	3,248.8	3,166.0	3,279.1	3,501.4	3,618.7	3,717.9	3,845.3	4,016.9	4,117.7
Personal consumption expenditures . . . . .	2,024.2	2,050.7	2,146.0	2,249.3	2,354.8	2,446.4	2,515.8	2,606.5	2,656.8
Durable goods . . . . .	250.8	252.7	283.1	323.1	355.1	384.4	391.4	418.2	428.0
Nondurable goods . . . . .	764.4	771.0	800.2	825.9	847.4	878.1	892.7	909.4	919.9
Services . . . . .	1,009.0	1,027.0	1,062.7	1,100.3	1,152.3	1,183.8	1,231.6	1,278.9	1,309.0
Gross private domestic investment . . . . .	545.5	447.3	504.0	658.4	637.0	639.6	669.0	705.7	716.9
Fixed investment . . . . .	521.7	471.8	510.4	596.1	627.9	634.1	646.2	682.1	693.1
Nonresidential . . . . .	395.2	366.7	361.2	425.2	453.5	438.4	449.8	487.2	506.1
Residential . . . . .	126.5	105.1	149.3	170.9	174.4	195.7	196.4	194.9	187.0
Change in business inventories . . . . .	23.9	-24.5	-6.4	62.3	9.1	5.6	22.8	23.6	23.8
Net exports of goods and services . . . . .	49.4	26.3	-19.9	-84.0	-104.3	-129.7	-118.5	-75.9	-54.1
Exports . . . . .	392.7	361.9	348.1	371.8	367.2	397.1	451.8	534.7	593.3
Imports . . . . .	343.4	335.6	368.1	455.8	471.4	526.9	570.3	610.6	647.4
Government purchases . . . . .	629.7	641.7	649.0	677.7	731.2	761.6	779.1	780.5	798.1
Federal . . . . .	259.6	272.7	275.1	290.8	326.0	334.1	339.6	328.1	334.9
National defense . . . . .	180.3	193.8	206.9	218.5	237.2	252.1	265.1	268.7	265.3
State and local . . . . .	370.1	369.0	373.9	387.0	405.2	427.5	439.5	452.4	463.2

NA Not available. <sup>1</sup> Purchases of goods and services.Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-82*, and *Survey of Current Business*, July issues.

### No. 699. Gross National Product, by Industry, in Current and Constant (1982) Dollars: 1980 to 1988

[In billions of dollars, except percent. Data include non-factor charges (capital consumption allowances and indirect business taxes, etc.) as well as factor charges against gross product; corporate profits and capital consumption allowances have been shifted from a company to an establishment basis. These data are not fully consistent with other GNP tables because they do not yet incorporate source data used in the July 1990 revisions of the National Income and Product Accounts]

SIC <sup>1</sup> code	INDUSTRY	CURRENT DOLLARS			CONSTANT (1982) DOLLARS				Average annual percent change	
		1980	1985	1988	1980	1985	1987	1988	1980- 1988	1987- 1988
(X)	Gross national product.....	2,732.0	4,014.9	4,880.6	3,187.1	3,618.7	3,853.7	4,024.4	3.0	4.4
(X)	Domestic industries (gross domestic product).....	2,684.4	3,974.1	4,847.3	3,131.7	3,581.9	3,827.2	3,996.3	3.1	4.4
(X)	Private industries.....	2,357.3	3,502.2	4,286.3	2,742.8	3,200.1	3,443.8	3,609.8	3.5	4.8
(A)	Agriculture, forestry, and fisheries.....	77.2	92.0	99.8	76.4	95.8	104.4	94.5	2.7	-9.5
(B)	Mining.....	107.3	114.2	80.4	143.5	139.0	125.5	127.3	-1.5	1.5
(C)	Construction.....	137.7	186.6	232.6	153.3	166.3	175.4	176.9	1.8	0.9
(D)	Manufacturing.....	581.0	789.5	948.6	673.9	779.2	849.7	927.5	4.1	9.2
(X)	Durable goods.....	351.8	458.8	530.3	408.5	471.5	517.4	583.2	4.6	12.7
24	Lumber and wood products.....	18.7	22.2	29.6	21.3	19.8	24.2	25.7	2.4	6.2
25	Furniture and fixtures.....	8.6	13.6	15.3	10.4	12.1	12.8	12.3	2.2	-3.6
32	Stone, clay, and glass products.....	19.0	24.8	28.3	21.3	22.2	24.9	25.2	2.2	1.5
33	Primary metal industries.....	44.3	34.8	46.8	48.2	32.7	34.6	37.9	-3.0	9.6
34	Fabricated metal products.....	46.0	57.8	64.0	53.7	56.2	58.4	63.2	2.1	8.3
35	Machinery, except electrical.....	76.9	82.7	93.1	86.1	124.2	140.7	170.5	8.9	21.2
36	Electric and electronic equipment.....	55.0	82.2	91.1	63.3	74.3	78.3	88.1	4.2	12.5
371	Motor vehicles and equipment.....	26.7	53.7	55.1	35.2	50.3	46.4	51.7	4.9	11.5
(X)	Instruments and related products.....	19.0	25.8	31.5	21.9	24.2	26.7	31.5	4.6	17.9
38	Nondurable goods.....	229.2	330.8	418.3	265.5	307.7	332.2	344.3	3.3	3.6
20	Food and kindred products.....	52.2	69.8	83.3	59.8	64.8	66.5	67.8	1.6	2.0
21	Tobacco manufactures.....	7.3	12.2	15.5	9.6	6.2	5.6	4.7	-8.5	-15.6
22	Textile mill products.....	15.0	17.1	20.3	16.4	15.8	17.3	16.8	0.3	-3.0
23	Apparel and other textile products.....	17.1	20.6	24.6	21.1	20.1	22.7	23.2	1.2	2.3
26	Paper and allied products.....	23.1	33.1	45.8	25.8	30.2	33.8	34.9	3.8	3.3
27	Printing and publishing.....	31.6	52.5	64.4	37.0	42.5	43.6	45.5	2.6	4.4
28	Chemicals and allied products.....	45.5	63.8	92.1	50.0	59.1	68.2	74.2	5.1	8.8
29	Petroleum and coal products.....	16.8	32.2	39.5	22.9	39.4	42.6	44.6	8.7	4.7
30	Rubber and misc. plastic products.....	16.8	25.9	29.4	18.6	26.6	29.3	29.8	6.1	1.7
31	Leather and leather products.....	3.9	3.4	3.2	4.3	3.2	2.8	2.9	-4.7	3.1
(E)	Transportation and public utilities.....	240.8	374.1	441.4	294.0	331.4	373.6	392.0	3.7	4.9
(X)	Transportation.....	105.8	137.5	163.2	117.1	132.4	147.4	150.0	3.1	1.8
40	Railroad transportation.....	20.8	21.7	21.1	22.8	23.5	25.4	26.5	1.9	4.6
41	Local and interurban passenger transit.....	5.4	7.4	9.2	6.4	6.5	6.2	6.1	-0.4	-0.6
42	Trucking and warehousing.....	44.0	58.6	69.6	49.9	60.9	65.3	65.5	3.5	0.4
44	Water transportation.....	7.1	7.9	8.3	8.2	3.5	3.7	3.7	-9.4	0.9
45	Transportation by air.....	18.1	27.1	37.1	17.3	23.2	31.5	31.1	7.6	-1.0
46	Pipelines, except natural gas.....	4.7	4.8	4.3	5.3	4.7	4.6	5.4	0.3	17.3
47	Transportation services.....	5.8	10.0	13.7	7.2	10.0	10.9	11.6	6.1	6.3
48	Communications.....	66.6	109.5	129.3	79.5	89.8	104.4	107.6	3.9	3.1
481	Telephone and telegraph.....	60.2	98.3	114.3	71.4	81.7	95.1	98.0	4.0	3.0
483	Radio and television broadcasting.....	6.3	11.2	15.0	8.1	8.1	9.3	9.7	2.2	3.9
49	Electric, gas, and sanitary services.....	68.4	127.0	148.8	97.3	109.2	121.7	134.3	4.1	10.4
(G)	Wholesale trade.....	193.9	280.8	326.1	200.1	267.1	289.4	296.8	5.1	2.6
(F)	Retail trade.....	245.0	377.4	454.7	281.7	354.4	370.0	397.1	4.4	7.3
(H)	Finance, insurance, and real estate.....	400.6	639.5	830.3	468.9	528.3	564.7	583.7	2.8	3.4
60	Banking.....	51.1	79.4	99.2	56.7	61.5	62.8	62.4	1.2	-0.6
61	Credit agencies other than banks.....	5.5	11.6	21.3	5.2	7.0	8.3	8.4	6.0	0.6
62	Security and commodity brokers, and services.....	9.7	24.1	40.3	11.2	18.8	29.9	33.6	14.7	12.2
63	Insurance carriers.....	37.0	40.7	68.0	38.7	39.5	38.8	41.1	0.8	6.0
64	Insurance agents and brokers, and services.....	14.4	22.4	32.2	15.9	18.0	18.7	18.8	2.1	0.4
65	Real estate.....	281.5	449.0	554.6	335.0	374.5	395.3	408.0	2.5	3.2
67	Holding and other investment companies.....	1.3	12.3	14.7	6.3	9.0	10.9	11.5	7.9	5.5
(I)	Services.....	374.0	648.1	872.5	450.9	538.6	591.4	613.9	3.9	3.8
70	Hotels and other lodging places.....	18.9	30.4	40.9	22.3	26.0	28.4	30.1	3.8	5.8
72	Personal services.....	18.8	29.7	36.9	22.3	25.2	26.4	27.2	2.5	3.3
73	Business services.....	68.8	145.8	200.3	83.9	120.8	139.7	147.2	7.3	5.3
75	Auto repair, services, and garages.....	21.1	33.2	41.8	24.8	28.7	28.9	29.5	2.2	2.3
78	Motion pictures.....	5.0	9.0	12.2	5.7	7.5	8.1	8.4	5.0	3.6
79	Amusement and recreation services.....	12.4	19.9	26.5	13.4	17.5	19.6	21.1	5.9	7.5
80	Health services.....	108.1	184.6	248.5	133.8	148.6	158.7	159.9	2.3	0.8
81	Legal services.....	23.3	46.3	67.4	30.6	33.5	36.8	39.6	3.3	7.6
82	Educational services.....	16.0	25.8	33.1	18.9	22.1	23.1	23.8	3.0	3.3
83&86	Social services and membership organizations.....	26.3	38.3	50.1	30.2	33.3	35.9	38.0	2.9	6.0
88	Private households.....	6.6	9.0	9.4	7.4	8.8	8.8	8.8	2.3	0.8
(J)	Government and government enterprises.....	322.1	476.7	570.6	362.8	400.5	414.8	422.2	1.2	1.8
(X)	Federal.....	114.7	171.0	187.6	138.3	146.2	148.6	150.8	1.1	1.5
(X)	State and local.....	207.4	305.7	383.0	244.5	254.3	266.2	271.4	1.3	1.9
(X)	Statistical discrepancy.....	4.9	-4.8	-8.6	5.9	-4.3	-4.1	-8.0	(NS)	(NS)
(X)	Rest of the world.....	47.6	40.7	33.3	55.5	36.9	28.6	28.1	-8.2	5.8

NS Not significant. <sup>1</sup> 1972 Standard Industrial Classification code; see text, section 13. <sup>2</sup> Includes items not shown separately.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, January 1991.

**No. 700. GNP Components—Average Annual Percent Change in Current and Constant (1982) Dollars: 1970 to 1989**

[In percent. GNP = Gross national product. Minus sign (-) indicates decrease. For implicit price deflators and fixed-weighted price indexes, see table 779, section 15]

ITEM	1970-1980	1980-1989	1981-1982	1982-1983	1983-1984	1984-1985	1985-1986	1986-1987	1987-1988	1988-1989
<b>CURRENT DOLLARS</b>										
Gross national product. . . . .	10.4	7.4	3.7	7.6	10.8	6.4	5.4	6.7	7.9	6.7
Personal consumption expenditures	10.5	8.0	7.1	9.0	8.8	8.2	6.4	7.6	7.6	6.5
Durable goods. . . . .	9.9	9.0	5.3	14.4	16.0	10.9	9.1	4.3	8.1	3.7
Nondurable goods. . . . .	9.7	5.8	4.1	5.9	6.2	5.1	3.4	6.3	5.9	6.6
Services. . . . .	11.3	9.3	9.9	9.9	8.8	9.6	7.7	9.3	8.6	7.3
Gross private domestic investment	11.4	6.5	-13.2	12.3	32.4	-3.3	2.5	6.1	6.8	3.2
Fixed investment. . . . .	11.8	5.9	-4.0	8.0	17.2	5.8	3.3	2.9	7.4	3.1
Nonresidential. . . . .	11.9	5.3	-0.7	-2.7	16.6	6.5	-1.7	2.2	9.8	4.8
Residential. . . . .	11.7	7.3	-14.1	45.1	18.8	4.3	15.1	4.1	2.7	-0.6
Exports of goods and services. . . . .	17.7	6.6	-5.5	-2.6	8.8	-3.3	6.9	13.4	22.8	13.4
Imports of goods and services. . . . .	18.1	8.6	-3.8	6.9	23.3	1.5	10.0	14.3	11.0	7.4
Government purchases of goods and services. . . . .	9.3	7.6	9.1	5.2	9.0	11.5	6.3	5.6	4.5	6.6
Federal. . . . .	7.7	7.5	12.6	4.0	9.5	14.4	3.2	4.0	-0.3	5.2
State and local. . . . .	10.4	7.7	6.7	6.1	8.6	9.5	8.6	6.8	7.8	7.4
<b>CONSTANT (1982) DOLLARS</b>										
Gross national product. . . . .	2.8	2.9	-2.5	3.6	6.8	3.4	2.7	3.4	4.5	2.5
Personal consumption expenditures	3.0	3.2	1.3	4.6	4.8	4.7	3.9	2.8	3.6	1.9
Durable goods. . . . .	4.2	6.4	0.8	12.0	14.1	9.9	8.3	1.8	6.8	2.3
Nondurable goods. . . . .	1.9	2.1	0.9	3.8	3.2	2.6	3.6	1.7	1.9	1.2
Services. . . . .	3.6	3.1	1.8	3.5	3.5	4.7	2.7	4.0	3.8	2.4
Gross private domestic investment	2.9	3.9	-18.0	12.7	30.6	-3.3	0.4	4.6	5.5	1.6
Fixed investment. . . . .	3.3	3.3	-9.6	8.2	16.8	5.3	1.0	1.9	5.6	1.6
Nonresidential. . . . .	3.7	3.3	-7.2	-1.5	17.7	6.7	-3.3	2.6	8.3	3.9
Residential. . . . .	2.3	3.5	-16.9	42.1	14.5	2.0	12.2	0.4	-0.8	-4.1
Exports of goods and services. . . . .	8.1	4.8	-7.8	-3.8	6.8	-1.2	8.1	13.8	18.3	11.0
Imports of goods and services. . . . .	4.8	7.7	-2.3	9.7	23.8	3.4	11.8	8.2	7.1	6.0
Government purchases of goods and services. . . . .	0.8	2.8	1.9	1.1	4.4	7.9	4.2	2.3	0.2	2.3
Federal. . . . .	-0.8	3.4	5.0	0.9	5.7	12.1	2.5	1.6	-3.4	2.1
State and local. . . . .	2.1	2.4	-0.3	1.3	3.5	4.7	5.5	2.8	2.9	2.4

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-82*, and *Survey of Current Business*, July issues.

**No. 701. Gross National Product, by Type of Product and Sector: 1970 to 1989**

[In billions of dollars]

ITEM	1970	1975	1980	1983	1984	1985	1986	1987	1988	1989
Gross national product. . . . .	1,015.5	1,598.4	2,732.0	3,405.7	3,772.2	4,014.9	4,231.6	4,515.6	4,873.7	5,200.8
<b>BY MAJOR TYPE OF PRODUCT</b>										
Goods. . . . .	467.8	714.7	1,174.9	1,396.1	1,581.4	1,641.2	1,686.7	1,788.4	1,935.1	2,072.7
Services. . . . .	441.1	725.2	1,265.0	1,682.5	1,813.9	1,968.3	2,119.3	2,292.4	2,488.6	2,671.2
Structures. . . . .	106.5	158.5	292.0	327.1	377.0	405.4	425.6	434.8	450.0	456.9
<b>BY SECTOR</b>										
Business. . . . .	856.3	1,341.2	2,306.8	2,866.6	3,201.5	3,412.8	3,599.9	3,844.9	4,147.8	4,418.1
Households and institutions. . . . .	32.4	52.0	89.3	122.9	132.7	142.3	153.5	169.9	187.3	203.6
Government. . . . .	119.5	187.7	288.3	366.4	390.6	419.0	443.8	471.9	505.1	541.6
Rest of the world. . . . .	7.3	17.5	47.6	49.9	47.4	40.7	34.4	29.0	33.5	37.6

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-82*, and *Survey of Current Business*, July issues.

### No. 702. Relation of GNP, Net National Product, National Income, Personal Income, Disposable Personal Income, and Personal Saving: 1970 to 1989

[In billions of dollars. For definitions, see text, section 14]

ITEM	1970	1975	1980	1984	1985	1986	1987	1988	1989
Gross national product . . . . .	1,015.5	1,598.4	2,732.0	3,772.2	4,014.9	4,231.6	4,515.8	4,873.7	5,200.8
Less: Capital consumption allowances . . . . .	88.8	161.8	303.8	415.5	437.2	480.1	487.0	514.3	554.4
Equals: Net national product . . . . .	926.8	1,436.6	2,428.1	3,356.8	3,577.6	3,771.5	4,028.8	4,359.4	4,646.4
Less: Indirect business tax and nontax liability . . . . .	94.0	140.0	213.3	313.9	333.6	348.9	367.8	388.7	414.0
Plus: Subsidies . . . . .	2.9	2.4	5.7	9.9	7.2	12.8	17.4	16.2	6.3
Equals: National income . . . . .	832.6	1,289.1	2,203.5	3,028.6	3,234.0	3,412.6	3,680.3	3,984.9	4,223.3
Less: Corporate profits . . . . .	74.7	117.6	177.2	266.9	282.3	282.1	308.3	337.6	311.6
Net interest . . . . .	41.2	83.8	200.9	304.8	319.0	325.5	328.6	371.8	445.1
Contributions for social insurance . . . . .	62.2	118.5	216.5	324.9	354.1	379.2	400.1	442.6	476.8
Plus: Government transfer payments to persons . . . . .	81.8	185.7	312.6	437.9	467.8	496.8	521.3	557.4	604.5
Personal interest income . . . . .	69.3	122.5	271.9	444.7	478.0	493.2	501.3	547.9	643.2
Personal dividend income . . . . .	22.2	28.7	52.9	75.5	78.7	85.8	91.8	102.2	114.4
Business transfer payments . . . . .	4.1	7.4	12.1	18.7	22.0	24.6	28.5	30.3	32.4
Equals: Personal income . . . . .	831.8	1,313.4	2,258.5	3,108.7	3,325.3	3,526.2	3,766.4	4,070.8	4,384.3
Less: Personal tax and nontax payments . . . . .	116.2	170.6	340.5	440.2	486.6	512.9	571.6	591.6	658.8
Equals: Disposable personal income . . . . .	715.6	1,142.8	1,918.0	2,668.5	2,838.7	3,013.3	3,194.7	3,479.2	3,725.5
Less: Personal outlays . . . . .	657.9	1,038.2	1,781.1	2,504.5	2,713.3	2,888.5	3,102.2	3,333.6	3,553.7
Equals: Personal saving . . . . .	57.7	104.6	136.9	164.1	125.4	124.8	92.5	145.6	171.8

<sup>1</sup> With capital consumption adjustment. <sup>2</sup> Includes items not shown separately. <sup>3</sup> Less current surplus of government enterprises. <sup>4</sup> With inventory valuation and capital consumption adjustments.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-82*, and *Survey of Current Business*, July issues.

### No. 703. Selected Per Capita Income and Product Items: 1929 to 1989

[Based on Bureau of the Census estimated population including Armed Forces abroad; based on quarterly averages. Prior to 1960, excludes Alaska and Hawaii]

YEAR	CURRENT DOLLARS				CONSTANT (1982) DOLLARS		
	Gross national product	Personal income	Disposable personal income	Personal consumption expenditures	Gross national product	Disposable personal income	Personal consumption expenditures
1929 . . . . .	853	692	671	634	5,822	4,091	3,868
1930 . . . . .	740	613	593	568	5,218	3,727	3,589
1935 . . . . .	572	469	455	438	4,555	3,359	3,236
1940 . . . . .	760	587	568	538	5,850	4,017	3,804
1945 . . . . .	1,525	1,215	1,066	855	9,682	5,285	4,236
1950 . . . . .	1,900	1,504	1,368	1,267	7,935	5,220	4,834
1955 . . . . .	2,456	1,901	1,687	1,560	9,045	5,714	5,287
1960 . . . . .	2,851	2,265	1,986	1,829	9,213	6,036	5,561
1965 . . . . .	3,628	2,840	2,505	2,268	10,741	7,027	6,362
1970 . . . . .	4,951	4,056	3,489	3,121	11,781	8,134	7,275
1971 . . . . .	5,309	4,305	3,740	3,330	11,964	8,322	7,409
1972 . . . . .	5,777	4,676	4,000	3,609	12,426	8,562	7,726
1973 . . . . .	6,414	5,198	4,481	3,950	12,948	9,042	7,972
1974 . . . . .	6,886	5,657	4,855	4,285	12,760	8,867	7,826
1975 . . . . .	7,401	6,081	5,291	4,689	12,478	8,944	7,926
1976 . . . . .	8,175	6,655	5,744	5,178	12,961	9,175	8,272
1977 . . . . .	9,036	7,297	6,262	5,707	13,431	9,381	8,551
1978 . . . . .	10,105	8,141	6,968	6,304	13,993	9,735	8,808
1979 . . . . .	11,142	9,036	7,682	6,960	14,182	9,829	8,904
1980 . . . . .	11,995	9,916	8,421	7,607	13,994	9,722	8,783
1981 . . . . .	13,262	10,952	9,243	8,320	14,114	9,769	8,794
1982 . . . . .	13,614	11,485	9,724	8,818	13,614	9,725	8,818
1983 . . . . .	14,503	12,088	10,340	9,516	13,964	9,930	9,139
1984 . . . . .	15,913	13,114	11,257	10,253	14,771	10,419	9,489
1985 . . . . .	16,776	13,895	11,861	10,985	15,121	10,625	9,840
1986 . . . . .	17,511	14,592	12,469	11,576	15,385	10,905	10,123
1987 . . . . .	18,508	15,437	13,094	12,334	15,761	10,946	10,311
1988 . . . . .	19,783	16,524	14,123	13,144	16,305	11,368	10,580
1989 . . . . .	20,903	17,621	14,973	13,866	16,550	11,531	10,678

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-82*, and *Survey of Current Business*, July issues.

**No. 704. National Income, by Type of Income: 1970 to 1989**

(In billions of dollars)

TYPE OF INCOME	1970	1975	1980	1984	1985	1986	1987	1988	1989
<b>National income</b> . . . . .	<b>832.6</b>	<b>1,289.1</b>	<b>2,203.5</b>	<b>3,028.6</b>	<b>3,234.0</b>	<b>3,412.6</b>	<b>3,660.3</b>	<b>3,984.9</b>	<b>4,223.3</b>
Compensation of employees . . . . .	618.3	948.7	1,638.2	2,213.9	2,367.5	2,511.4	2,686.4	2,905.1	3,079.0
Wages and salaries . . . . .	551.5	814.7	1,372.0	1,838.8	1,975.2	2,094.8	2,249.7	2,431.1	2,573.2
Government and government enterprises . . . . .	117.1	176.1	260.1	346.3	371.8	393.7	419.4	446.6	476.6
Other . . . . .	434.3	638.6	1,111.8	1,492.5	1,603.4	1,701.1	1,830.3	1,984.5	2,098.6
Supplements to wages and salaries . . . . .	66.8	134.0	266.3	375.1	392.4	416.6	436.6	474.0	505.8
Employer contributions for social insurance . . . . .	34.3	68.0	127.9	192.2	204.8	217.3	227.2	248.5	263.9
Other labor income . . . . .	32.5	65.9	138.4	182.9	187.6	199.3	209.4	225.5	241.9
Proprietors' income <sup>1</sup> . . . . .	80.2	125.4	180.7	234.5	255.9	282.0	323.4	354.2	379.3
Farm . . . . .	14.7	25.4	20.5	30.5	30.2	34.7	42.8	43.7	48.6
Nonfarm . . . . .	65.4	100.0	160.1	204.0	225.6	247.2	280.6	310.5	330.7
Rental income of persons <sup>2</sup> . . . . .	18.2	13.5	6.6	8.5	9.2	11.6	13.7	16.3	8.2
Corporate profits . . . . .	74.7	117.6	177.2	266.9	282.3	282.1	308.3	337.6	311.6
Corporate profits <sup>3</sup> . . . . .	69.5	123.9	194.0	234.2	222.6	228.3	255.9	289.8	286.1
Profits before tax . . . . .	76.0	134.8	237.1	240.0	224.3	221.6	275.3	316.7	307.7
Profits tax liability . . . . .	34.4	50.9	84.8	93.9	96.4	106.3	126.9	136.2	135.1
Profits after tax . . . . .	41.7	83.9	152.3	146.1	127.8	115.3	148.4	180.5	172.6
Dividends . . . . .	22.5	29.6	54.7	79.0	83.3	81.3	98.2	110.0	123.5
Undistributed profits . . . . .	19.2	54.3	97.6	67.0	44.6	24.0	50.2	70.5	49.1
Inventory valuation adjustment . . . . .	-6.6	-11.0	-43.1	-5.8	-1.7	6.7	-19.4	-27.0	-21.7
Capital consumption adjustment . . . . .	5.2	-6.2	-16.8	32.7	59.7	53.8	52.4	47.8	25.5
Net interest . . . . .	41.2	83.8	200.9	304.8	319.0	325.5	328.6	371.8	445.1
<b>Addenda:</b>									
Corporate profits after tax <sup>1</sup> . . . . .	40.3	66.7	92.4	173.0	185.9	175.8	181.4	201.4	176.5
Net cash flow . . . . .	69.8	133.5	219.1	348.5	371.2	370.4	386.4	413.5	399.4
Undistributed profits <sup>1</sup> . . . . .	17.9	37.1	37.7	94.0	102.6	84.5	83.2	91.4	53.0
Capital consumption allowances <sup>2</sup> . . . . .	52.0	96.4	181.4	254.5	268.6	285.9	303.2	322.1	346.4
Less: Inventory valuation adjustment . . . . .	-6.6	-11.0	-43.1	-5.8	-1.7	6.7	-19.4	-27.0	-21.7
Equals: Net cash flow . . . . .	76.4	144.5	262.2	354.3	372.9	363.7	405.8	440.4	421.1

<sup>1</sup> With inventory valuation and capital consumption adjustments. <sup>2</sup> With capital consumption adjustment. <sup>3</sup> With inventory valuation adjustment.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-82*, and *Survey of Current Business*, July issues.

**No. 705. National Income, by Sector: 1970 to 1989**

(In billions of dollars)

SECTOR	1970	1975	1980	1984	1985	1986	1987	1988	1989
<b>National income</b> . . . . .	<b>832.6</b>	<b>1,289.1</b>	<b>2,203.5</b>	<b>3,028.6</b>	<b>3,234.0</b>	<b>3,412.6</b>	<b>3,660.3</b>	<b>3,984.9</b>	<b>4,223.3</b>
Domestic business . . . . .	673.4	1,031.8	1,778.4	2,457.9	2,631.9	2,780.8	2,989.6	3,259.0	3,440.6
Corporate business . . . . .	479.8	740.6	1,312.6	1,805.9	1,920.9	2,009.6	2,151.8	2,330.0	2,444.9
Compensation of employees . . . . .	401.0	617.0	1,117.2	1,502.1	1,602.6	1,696.4	1,805.9	1,953.2	2,058.1
Corporate profits . . . . .	67.8	103.2	142.8	236.0	251.2	249.0	270.8	294.3	280.7
Net interest . . . . .	11.0	20.4	52.5	67.8	67.1	64.2	75.1	82.5	126.0
Sole proprietorships and partnerships . . . . .	135.0	205.8	318.0	421.7	459.2	502.9	550.3	617.0	667.1
Compensation of employees . . . . .	49.2	65.8	102.2	131.6	141.8	152.1	168.1	182.7	194.6
Proprietors' income . . . . .	79.8	124.5	179.4	232.6	254.1	280.4	322.0	352.5	380.3
Net interest . . . . .	6.0	15.5	36.5	57.6	63.3	70.4	60.2	81.8	92.2
Other private business . . . . .	45.7	63.9	114.2	184.3	201.9	215.9	231.2	250.9	264.1
Compensation of employees . . . . .	3.2	4.7	7.8	10.9	12.0	13.1	14.2	15.6	16.8
Proprietors' income . . . . .	0.4	0.9	1.3	1.9	1.7	1.6	1.4	1.6	-1.0
Rental income of persons <sup>3</sup> . . . . .	18.2	13.5	6.6	8.5	9.2	11.6	13.7	16.3	8.2
Net interest . . . . .	23.9	44.8	98.5	162.9	179.0	189.6	201.9	217.3	240.2
Government enterprises <sup>4</sup> . . . . .	13.0	21.5	33.5	48.1	49.9	52.4	56.3	61.1	64.5
Households and institutions <sup>5</sup> . . . . .	32.4	52.0	89.3	132.7	142.3	153.5	169.9	187.3	203.6
Government . . . . .	119.5	187.7	288.3	380.6	419.0	443.8	471.9	505.1	541.6
Rest of the world . . . . .	7.3	17.5	47.6	47.4	40.7	34.4	29.0	33.5	37.8

<sup>1</sup> With inventory valuation and capital consumption adjustments. <sup>2</sup> Consist of all business activities reported on the individual income tax return in Schedule E—Supplemental Income Schedule; tax-exempt cooperatives; and owner-occupied nonfarm housing and buildings and equipment owned and used by nonprofit institutions servicing individuals, which are considered to be business activities selling their current services to their owners. <sup>3</sup> With capital consumption adjustment. <sup>4</sup> Compensation of employees. <sup>5</sup> Compensation of employees in private households; nonprofit social and athletic clubs; labor organizations; nonprofit schools and hospitals; religious, charitable, and welfare organizations; and all other nonprofit organizations serving individuals.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-82*, and *Survey of Current Business*, July issues.



# No. 706. Personal Consumption Expenditures, by Type of Expenditure in Current Dollars: 1980 to 1989

[In billions of dollars. Minus sign (-) indicates decrease]

TYPE OF EXPENDITURE	1980	1984	1985	1986	1987	1988	1989	AVERAGE ANNUAL PERCENT CHANGE	
								1980-1989	1988-1989
<b>Personal consumption expenditures</b>	<b>1,732.6</b>	<b>2,430.5</b>	<b>2,629.0</b>	<b>2,797.4</b>	<b>3,009.4</b>	<b>3,238.2</b>	<b>3,450.1</b>	<b>8.0</b>	<b>6.5</b>
Food and tobacco <sup>1</sup>	369.9	479.0	503.8	533.6	566.4	599.6	636.9	6.2	6.2
Food purchased for off-premise consumption	242.3	305.8	322.7	339.1	353.7	372.2	395.4	5.6	6.2
Purchased meals and beverages <sup>2</sup>	100.2	134.1	139.9	151.6	167.1	179.9	188.8	7.3	4.9
Tobacco products	20.8	30.5	32.2	33.6	35.6	36.9	41.7	8.0	13.0
Clothing, accessories, and jewelry	135.0	181.8	193.3	207.2	222.3	240.0	257.8	7.5	7.4
Shoes	16.9	21.6	22.9	24.3	25.9	27.5	29.8	6.5	8.4
Clothing	91.9	125.0	133.4	142.4	152.5	163.4	174.7	7.4	6.9
Jewelry and watches	15.4	19.9	20.5	22.8	24.7	26.4	27.4	6.6	3.8
Personal care	27.2	36.4	38.8	41.4	44.5	48.3	52.3	7.5	8.3
Housing	261.5	371.3	403.0	434.2	468.9	502.3	533.9	8.3	6.3
Owner-occupied nonfarm dwellings-space rent	178.3	252.3	272.7	293.7	316.9	339.2	361.7	8.2	6.6
Tenant-occupied nonfarm dwellings-rent	61.9	92.2	103.8	114.3	123.6	132.9	141.2	9.6	6.2
Rental value of farm dwellings	11.0	12.2	10.9	9.7	10.3	10.4	10.3	-0.7	-1.0
Household operation	233.1	316.9	334.1	347.5	363.3	386.1	404.9	6.3	4.9
Furniture	20.9	26.5	28.0	30.4	31.8	32.9	33.6	5.4	2.1
Semidurable house furnishings <sup>4</sup>	10.0	13.3	14.0	15.2	16.0	17.3	18.7	7.2	8.1
Cleaning and polishing preparations	20.1	25.1	26.4	27.8	29.1	30.8	32.8	5.6	6.5
Household utilities	63.7	117.5	124.2	122.4	125.8	132.6	139.3	5.8	5.1
Electricity	37.2	55.4	59.3	60.7	63.0	66.4	68.7	7.1	3.5
Gas	19.1	29.4	29.6	26.6	25.5	27.2	29.0	4.7	6.6
Water and other sanitary services	9.3	14.9	16.8	18.5	20.1	21.8	23.9	11.1	9.6
Fuel oil and coal	18.0	17.8	18.5	16.6	17.2	17.2	17.7	-0.2	2.9
Telephone and telegraph	27.8	39.8	40.4	42.7	44.1	47.2	48.7	6.4	3.2
Medical care	167.7	298.4	327.5	357.6	399.0	444.0	483.5	11.1	8.9
Drug preparations and sundries <sup>5</sup>	18.6	26.3	28.1	30.2	32.3	34.3	36.4	7.6	6.1
Physicians	42.0	67.1	73.5	80.6	94.0	106.1	113.0	11.6	6.5
Dentists	13.7	19.8	21.5	22.8	25.0	27.1	29.0	8.7	7.0
Privately controlled hospitals <sup>6</sup>	82.0	130.6	140.2	152.4	166.3	182.9	201.1	10.5	10.0
Health insurance <sup>7</sup>	12.3	19.0	21.6	22.4	25.3	27.7	29.6	10.2	6.9
Medical care	6.9	15.2	17.7	18.5	20.1	22.3	23.5	14.6	5.4
Personal business	96.7	145.8	169.9	192.5	215.4	227.1	243.1	10.8	7.0
Expense of handling life insurance <sup>8</sup>	19.7	30.6	35.8	37.0	38.6	43.9	45.7	9.8	4.1
Legal services	13.8	24.6	28.0	30.9	35.0	39.6	42.9	13.4	8.3
Funeral and burial expenses	4.4	5.6	6.3	6.6	7.0	7.5	7.9	6.7	5.3
Transportation	238.5	329.5	359.5	366.3	379.7	407.5	425.7	6.6	4.5
User-operated transportation <sup>1</sup>	216.8	301.6	330.1	335.9	346.3	371.0	387.6	6.7	4.5
New autos	46.4	77.6	87.4	100.3	93.5	101.1	99.7	8.9	-1.4
Net purchases of used autos	14.9	30.2	35.1	35.8	38.5	40.9	41.6	12.1	1.7
Tires, tubes, accessories, etc.	16.7	23.3	25.2	26.5	28.5	31.0	32.5	7.7	4.8
Repair, greasing, washing, parking, storage, and rental	32.3	42.8	49.1	52.0	55.9	63.2	69.6	8.9	10.1
Gasoline and oil	83.7	90.0	90.6	73.5	75.3	77.3	83.8	0.0	8.4
Purchased local transportation	5.8	6.9	7.2	7.8	8.2	8.7	8.9	4.9	2.3
Transit systems	2.4	3.4	3.6	3.9	4.0	4.2	4.3	6.7	2.4
Taxicab	3.1	3.0	3.1	3.3	3.5	3.8	3.9	2.6	2.6
Railway (commutation)	0.3	0.5	0.5	0.6	0.7	0.7	0.7	9.9	0.0
Purchased intercity transportation <sup>1</sup>	15.9	21.0	22.2	22.6	25.2	27.7	29.2	7.0	5.4
Bus	1.2	1.2	1.2	1.1	1.4	1.6	1.3	0.9	-18.8
Airline	13.4	17.5	18.5	18.8	20.8	22.8	24.2	6.8	6.1
Recreation <sup>1</sup>	115.0	168.3	185.7	201.2	223.2	245.1	264.4	9.7	7.9
Magazines, newspapers, and sheet music	10.4	12.7	13.2	13.9	15.4	17.0	18.5	6.6	8.8
Nondurable toys and sport supplies	14.6	19.7	21.1	23.1	26.2	28.0	30.2	8.4	7.9
Radio and television receivers, records, and musical instruments	19.9	31.5	37.0	38.8	41.6	47.1	51.1	11.0	8.5
Private education and research	27.2	39.1	43.3	46.5	50.9	57.7	64.3	10.0	11.4
Religious and welfare activities	36.8	52.6	57.1	62.9	68.1	75.9	82.9	9.4	9.2

<sup>1</sup> Includes other expenditures not shown separately. <sup>2</sup> Consists of purchases (including tips) of meals and beverages from retail, service and amusement establishments, hotels, dining and buffet cars, schools, school fraternities, institutions, clubs, and industrial lunch rooms. <sup>3</sup> Includes mattresses and bedsprings. <sup>4</sup> Consist largely of textile house furnishings including piece goods allocated to house furnishing use. Also includes lamp shades, brooms, and brushes. <sup>5</sup> Excludes drug preparations and related products dispensed by physicians, hospitals, and other medical services. <sup>6</sup> Consists of (1) current expenditures (including capital consumption allowances with capital consumption adjustment) of nonprofit hospitals, sanitariums, and nursing homes, and (2) payments by patients to proprietary hospitals, sanitariums, and nursing homes. <sup>7</sup> Consist of (1) premiums, less benefits and dividends, for health, hospitalization and accidental death and dismemberment insurance provided by commercial insurance carriers, and (2) administrative expenses (including capital consumption allowances with capital consumption adjustment) of Blue Cross and Blue Shield plans and of other independent prepaid and self-insured health plans. <sup>8</sup> Consist of (1) operating expenses of life insurance carriers and private noninsured pension plans, and (2) premiums, less benefits and dividends, of fraternal benefit societies. Excludes expenses allocated by commercial carriers to accident and health insurance. <sup>9</sup> For additional details, see table 392.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-1982*, and *Survey of Current Business*, July issues.

**No. 707. Personal Consumption Expenditures, by Type of Product in Constant (1982) Dollars: 1980 to 1989**

(In billions of dollars, except percent. Minus sign (-) indicates decrease)

TYPE OF PRODUCT AND SERVICE	1980	1984	1985	1986	1987	1988	1989	AVERAGE ANNUAL PERCENT CHANGE	
								1980-1989	1988-1989
<b>Personal consumption expenditures..</b>	<b>2,000.4</b>	<b>2,249.3</b>	<b>2,354.8</b>	<b>2,446.4</b>	<b>2,515.8</b>	<b>2,606.5</b>	<b>2,656.8</b>	<b>3.2</b>	<b>1.9</b>
Durable goods .....	245.9	323.1	355.1	384.4	391.4	418.2	428.0	6.4	2.3
Motor vehicles and parts <sup>1</sup> .....	103.8	148.0	164.4	176.2	171.1	182.1	181.4	6.4	-0.4
New autos .....	51.2	73.5	80.4	88.4	79.5	84.4	81.5	5.3	-3.4
Net purchases of used autos .....	21.0	24.8	28.9	30.6	29.9	33.3	33.6	5.4	0.9
Tires, tubes, accessories, etc. ....	18.1	24.8	26.8	28.2	30.0	31.6	32.4	6.7	2.5
Furniture and household equipment <sup>1</sup> .....	95.4	118.4	131.0	142.9	151.6	165.0	175.0	7.0	6.1
Furniture, including mattresses and bedsprings .....	23.2	25.3	26.1	27.7	28.3	28.3	28.8	2.4	1.8
Kitchen and other household appliances .....	18.4	21.0	23.5	25.4	26.6	28.1	29.1	5.2	3.6
China, glassware, tableware, and utensils .....	10.6	12.0	12.7	13.6	14.1	15.0	16.0	4.7	6.7
Radio and television receivers <sup>2</sup> .....	20.4	34.4	42.5	48.0	52.5	61.2	67.5	14.2	10.3
Other .....	46.7	56.7	59.7	65.3	68.7	71.0	71.6	4.9	0.8
Nondurable goods .....	762.6	825.9	847.4	878.1	892.7	909.4	919.9	2.1	1.2
Food .....	394.9	422.8	435.5	447.1	454.0	462.2	462.9	1.8	0.2
Food purchased for off-premise consumption .....	272.4	292.0	304.5	311.2	310.2	313.9	314.1	1.6	0.1
Purchased meals and beverages .....	115.1	122.9	123.0	127.8	135.5	139.9	140.3	2.2	0.3
Food furnished employees <sup>3</sup> .....	7.5	7.9	8.1	8.1	8.2	8.4	8.4	1.3	0.0
Clothing and shoes .....	114.8	142.2	147.2	157.4	160.7	165.0	172.7	4.6	4.7
Shoes .....	18.3	21.2	22.2	23.7	24.4	24.8	25.8	3.9	4.0
Womens' and childrens' clothing and accessories .....	61.5	81.2	84.0	90.9	91.2	93.5	98.2	5.3	5.0
Mens' and boys' clothing and accessories .....	35.0	39.7	41.0	42.7	45.1	46.7	48.6	3.7	4.1
Gasoline and oil .....	88.4	94.5	94.4	97.5	95.8	97.4	96.7	1.0	-0.7
Fuel oil and coal .....	21.6	18.5	19.6	22.0	22.4	22.4	21.9	0.2	-2.2
Other nondurable goods <sup>1</sup> .....	142.9	147.8	150.7	154.2	159.9	162.5	165.7	1.7	2.0
Tobacco products .....	24.9	24.0	23.9	23.3	23.1	21.9	21.9	-1.4	0.0
Toilet articles and preparations .....	19.6	20.0	20.5	21.0	22.0	22.5	22.9	1.7	1.8
Semidurable house furnishings .....	11.6	12.0	12.3	13.1	13.3	14.3	15.1	3.0	5.6
Cleaning and polishing preparations, etc. ....	23.4	23.8	24.0	24.9	25.0	25.7	25.7	1.0	0.0
Drug preparations and sundries .....	23.0	22.6	22.5	22.7	22.7	22.6	22.2	-0.4	-1.8
Nondurable toys and sport supplies .....	15.9	19.9	21.3	23.2	25.8	26.4	27.7	6.4	4.9
Services .....	991.9	1,100.3	1,152.3	1,188.9	1,231.6	1,278.9	1,309.0	3.1	2.4
Housing <sup>1</sup> .....	312.5	333.0	341.7	348.2	358.2	366.0	372.1	2.0	1.7
Owner-occupied nonfarm dwellings-space rent .....	212.0	226.1	230.8	234.5	241.3	245.6	249.8	1.8	1.7
Tenant-occupied nonfarm dwellings-rent .....	73.6	81.8	86.3	89.4	92.6	95.7	98.0	3.2	2.4
Rental value of farm dwellings .....	14.3	12.1	11.7	11.4	11.0	10.7	10.3	-3.6	-3.7
Household operation <sup>1</sup> .....	142.6	148.8	151.6	151.9	156.8	164.1	167.6	1.8	2.1
Electricity .....	47.0	50.4	52.2	52.6	54.9	57.1	57.4	2.2	0.5
Gas .....	26.0	24.9	25.3	23.9	24.0	25.8	26.7	0.3	3.5
Water and other sanitary services .....	11.7	12.9	13.7	14.3	14.8	15.2	15.7	3.3	3.3
Telephone and telegraph .....	33.6	34.5	33.7	34.0	35.3	37.9	38.8	1.6	2.4
Domestic service .....	7.6	9.1	9.2	9.2	9.2	9.3	9.4	2.4	1.1
Transportation .....	77.4	75.9	82.1	86.2	89.5	94.3	96.9	2.5	2.8
User-operated transportation .....	48.0	50.0	54.7	56.2	58.2	62.1	64.9	3.4	4.5
Purchased local transportation .....	7.5	6.4	6.5	6.7	6.7	6.8	6.8	-1.1	0.0
Purchased intercity transportation <sup>1</sup> .....	21.9	19.5	20.9	23.3	24.7	25.4	25.2	1.6	-0.8
Railway (excluding commutation) .....	0.5	0.5	0.5	0.5	0.5	0.6	0.6	2.0	0.0
Bus .....	1.5	1.0	1.0	0.8	1.0	1.2	0.9	-5.5	-25.0
Airline .....	18.7	16.5	17.8	20.3	21.3	21.7	21.7	1.7	0.0
Medical care .....	200.6	232.0	240.9	251.5	266.9	279.3	286.1	4.0	2.4
Physicians .....	50.9	58.2	60.3	61.6	67.0	70.5	69.9	3.6	-0.9
Dentists .....	16.2	17.2	17.5	17.6	18.1	18.4	18.5	1.5	0.5
Other professional services .....	16.6	26.0	29.3	32.1	36.2	40.1	42.9	11.1	7.0
Privately controlled hospitals and sanitariums .....	100.9	115.7	118.2	123.9	128.8	132.8	136.8	3.4	3.0
Health insurance .....	16.0	14.9	15.6	16.2	16.9	17.5	17.9	1.3	2.3
Other <sup>1</sup> .....	258.8	310.7	336.0	346.0	360.2	375.3	386.4	4.6	3.0
Personal care <sup>1</sup> .....	25.0	27.0	27.9	28.9	30.1	33.3	35.7	4.0	7.2
Cleaning, storage, and repair of clothing and shoes .....	7.7	7.7	7.6	7.6	7.7	8.3	8.6	1.2	3.6
Barbershops, beauty parlors, baths, and health clubs .....	12.4	13.3	13.8	14.3	15.0	16.1	17.1	3.6	6.2
Personal business <sup>1</sup> .....	111.2	127.4	138.9	146.0	148.9	152.8	155.7	3.8	1.9
Brokerage charges and investment counseling .....	9.0	11.3	15.5	20.5	20.7	20.2	21.6	10.2	6.9
Recreation .....	48.1	61.5	66.1	69.7	75.1	80.1	83.7	6.3	4.5
Private education and research <sup>1</sup> .....	31.8	35.8	38.3	40.0	42.1	45.4	48.3	4.8	6.4
Higher education .....	11.7	12.8	13.3	13.6	13.8	14.2	14.5	2.4	2.1
Elementary and secondary schools .....	10.8	11.6	12.3	12.6	13.0	13.5	14.1	3.0	4.4
Religious and welfare activities .....	42.0	49.3	52.4	56.0	58.4	62.0	64.8	4.9	4.5

<sup>1</sup> Includes expenditures not shown separately. <sup>2</sup> Includes musical instruments and records. <sup>3</sup> Includes military and food produced and consumed on farms. <sup>4</sup> Except shoes.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-1982*, and *Survey of Current Business*, July issues.

## No. 708. Personal Income and Its Disposition: 1970 to 1989

[In billions of dollars, except percent. For definition of personal income, see text, section 14]

ITEM	1970	1980	1984	1985	1986	1987	1988	1989
<b>Personal income</b>	<b>831.8</b>	<b>2,258.5</b>	<b>3,108.7</b>	<b>3,325.3</b>	<b>3,526.2</b>	<b>3,766.4</b>	<b>4,070.8</b>	<b>4,384.3</b>
Wage and salary disbursements	551.5	1,372.0	1,838.6	1,975.4	2,094.8	2,249.7	2,431.1	2,573.2
Commodity-producing industries	203.7	470.7	577.6	608.9	625.6	649.9	696.4	720.6
Manufacturing	158.4	355.8	439.1	460.9	473.2	490.3	524.0	541.8
Distributive industries <sup>2</sup>	131.2	335.5	442.8	473.2	498.8	531.8	572.0	604.7
Service industries <sup>3</sup>	99.4	305.8	472.1	521.3	576.7	648.5	716.2	771.4
Government and gov't enterprises	117.1	260.2	346.1	372.0	393.7	419.4	448.6	476.6
Other labor income	32.5	138.4	182.9	187.6	199.3	209.4	225.5	241.9
Proprietors' income <sup>4</sup>	80.2	180.7	234.5	255.9	282.0	323.4	354.2	379.3
Rental income of persons <sup>5</sup>	18.2	6.6	8.5	9.2	11.6	13.7	16.3	8.2
Personal dividend income	22.2	52.9	75.5	78.7	85.8	91.8	102.2	114.4
Personal interest income	69.3	271.9	444.7	478.0	493.2	501.3	547.9	643.2
Transfer payments	85.9	324.7	456.6	489.8	521.5	549.9	587.7	636.9
Old-age, survivors, disability, and health insurance benefits	38.5	154.2	235.7	253.4	269.2	282.9	300.5	325.3
Gov't unemployment insurance benefits	4.0	16.1	15.8	15.7	16.3	14.5	13.4	14.7
Veterans benefits	7.7	15.0	16.4	16.7	16.7	16.6	16.9	17.3
Gov't employees retirement benefits	10.2	43.0	61.4	66.8	70.9	76.2	84.0	90.1
Other transfer payments	25.6	96.4	127.3	137.3	148.3	159.7	172.9	189.5
Less: Personal contributions for social insurance	27.9	88.6	132.7	149.3	161.9	172.9	194.1	212.8
Less: Personal tax and nontax payments	116.2	340.5	440.2	486.6	512.9	571.6	591.6	658.8
<b>Equals: Disposable personal income</b>	<b>715.6</b>	<b>1,918.0</b>	<b>2,668.6</b>	<b>2,836.7</b>	<b>3,013.3</b>	<b>3,194.7</b>	<b>3,479.2</b>	<b>3,725.5</b>
Less: Personal outlays	657.9	1,781.1	2,504.5	2,713.3	2,888.5	3,102.2	3,333.6	3,553.7
Personal consumption expenditures	640.0	1,732.6	2,430.5	2,629.0	2,797.4	3,009.4	3,238.2	3,450.1
Interest paid by consumers to business	16.7	47.4	72.5	82.6	89.1	90.7	93.6	102.2
Personal transfer payments to foreigners (net)	1.2	1.1	1.5	1.7	1.9	2.2	1.9	1.4
<b>Equals: Personal saving</b>	<b>57.7</b>	<b>136.9</b>	<b>164.1</b>	<b>125.4</b>	<b>124.9</b>	<b>92.5</b>	<b>145.6</b>	<b>171.8</b>
Percent of disposable personal income	8.1	7.1	6.1	4.4	4.1	2.9	4.2	4.6
Real disposable personal income <sup>6</sup>	1,668.1	2,214.3	2,469.8	2,542.8	2,635.3	2,670.7	2,800.5	2,869.0
Average annual percent change	4.1	2.9	2.8	3.0	3.6	1.3	4.9	2.4
<b>PERCENT DISTRIBUTION</b>								
<b>Personal income</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Wage and salary disbursements	66.3	60.7	59.1	59.4	59.4	59.7	59.7	58.7
Other labor income	3.9	6.1	5.9	5.6	5.7	5.6	5.5	5.5
Proprietors' income <sup>4</sup>	9.6	8.0	7.5	7.7	8.0	8.6	8.7	8.7
Rental income of persons <sup>5</sup>	2.2	0.3	0.3	0.3	0.3	0.4	0.4	0.2
Personal dividend income	2.7	2.3	2.4	2.4	2.4	2.4	2.5	2.6
Personal interest income	8.3	12.0	14.3	14.4	14.0	13.3	13.5	14.7
Transfer payments	10.3	14.4	14.7	14.7	14.8	14.8	14.4	14.5
Less: Personal contributions for social insurance	-3.4	-3.9	-4.3	-4.5	-4.6	-4.6	-4.8	-4.9

<sup>1</sup> Comprises agriculture, forestry, fisheries, mining, construction, and manufacturing. <sup>2</sup> Comprises transportation; communication; electric, gas and sanitary services; and trade. <sup>3</sup> Comprises finance, insurance, and real estate; services; and rest of world. <sup>4</sup> With capital consumption and inventory valuation adjustments. <sup>5</sup> With capital consumption adjustment. <sup>6</sup> 1982 dollars. Represents average for period of intervals shown here; for 1970, change from 1965. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-82*, and *Survey of Current Business*, July issues.

## No. 709. Gross Saving and Investment: 1970 to 1989

[In billions of dollars]

ITEM	1970	1980	1982	1983	1984	1985	1986	1987	1988	1989
<b>Gross saving</b>	<b>154.7</b>	<b>445.0</b>	<b>448.4</b>	<b>483.8</b>	<b>568.5</b>	<b>533.5</b>	<b>525.3</b>	<b>555.5</b>	<b>656.1</b>	<b>691.5</b>
Gross private saving	164.5	478.4	557.1	592.2	673.5	665.3	669.5	662.6	751.3	779.3
Personal saving	57.7	136.9	153.9	130.6	164.1	125.4	124.9	92.5	145.6	171.8
Undistributed corporate profits <sup>1</sup>	17.9	37.7	20.0	65.0	94.0	102.6	84.5	83.2	91.4	53.0
Undistributed profits	19.2	97.6	39.6	58.9	67.0	44.6	24.0	50.2	70.5	49.1
Inventory valuation adjustment	-6.8	-43.1	-10.4	-10.9	-5.8	-1.7	6.7	-19.4	-27.0	-21.7
Capital consumption adjustment	5.2	-16.8	-9.2	17.0	32.7	59.7	53.8	52.4	47.8	25.5
Corporate CCA <sup>2</sup>	52.0	181.4	235.0	242.7	254.5	268.6	285.9	303.2	322.1	348.4
Noncorporate CCA <sup>2</sup>	36.9	122.4	148.2	153.9	160.9	168.7	174.2	183.8	192.2	208.0
Government surplus or deficit (-) <sup>3</sup>	-10.6	-34.5	-110.8	-128.6	-105.0	-131.8	-144.1	-107.1	-95.3	-87.8
Federal	-12.4	-61.3	-145.9	-176.0	-169.6	-196.9	-206.9	-158.2	-141.7	-134.3
State and local	1.8	26.8	35.1	47.5	64.6	65.1	62.8	51.0	46.5	48.4
Capital grants received by the U.S. (net)	0.9	1.2	-	-	-	-	-	-	-	-
<b>Gross investment</b>	<b>153.6</b>	<b>450.0</b>	<b>446.3</b>	<b>468.8</b>	<b>573.9</b>	<b>526.7</b>	<b>523.6</b>	<b>544.9</b>	<b>627.8</b>	<b>674.4</b>
Gross private domestic investment	148.8	437.0	447.3	502.3	664.8	643.1	659.4	699.5	747.1	771.2
Net foreign investment	4.8	13.0	-1.0	-33.5	-90.9	-114.4	-135.8	-154.6	-119.2	-96.8
<b>Statistical discrepancy</b>	<b>-1.1</b>	<b>4.9</b>	<b>-0.1</b>	<b>5.2</b>	<b>5.4</b>	<b>-4.8</b>	<b>-1.8</b>	<b>-10.6</b>	<b>-28.2</b>	<b>-17.0</b>

- Represents or rounds to zero. <sup>1</sup> With inventory valuation and capital consumption adjustments. <sup>2</sup> Capital consumption allowances with capital consumption adjustment. <sup>3</sup> National income and product accounts basis.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-82*, and *Survey of Current Business*, July issues.

## No. 710. Gross State Product: 1970 to 1986

(In millions of dollars, except percent. For definition of gross state product, see text, section 14. For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (-) indicates decrease.)

DIVISION AND STATE	1970	1980	1984	1985	1986	AVERAGE ANNUAL PERCENT CHANGE		
						1970-1980	1980-1986	1985-1986
<b>United States</b> . . . . .	<b>1,001,793</b>	<b>2,670,299</b>	<b>3,707,011</b>	<b>3,963,347</b>	<b>4,191,705</b>	<b>10.3</b>	<b>7.8</b>	<b>5.8</b>
<b>New England</b> . . . . .	<b>58,665</b>	<b>138,413</b>	<b>206,107</b>	<b>225,201</b>	<b>245,850</b>	<b>9.0</b>	<b>10.0</b>	<b>9.2</b>
Maine . . . . .	3,887	10,200	14,782	15,898	17,326	10.1	9.2	9.0
New Hampshire . . . . .	3,066	9,326	14,846	16,585	18,518	11.8	12.1	11.7
Vermont . . . . .	1,916	4,894	7,215	7,915	8,636	9.8	9.9	9.1
Massachusetts . . . . .	28,520	65,057	96,980	106,148	115,526	8.6	10.0	8.8
Rhode Island . . . . .	4,302	9,184	12,921	13,961	15,205	7.9	8.8	8.9
Connecticut . . . . .	16,972	39,752	59,363	64,696	70,639	8.9	10.1	9.2
<b>Middle Atlantic</b> . . . . .	<b>201,780</b>	<b>428,206</b>	<b>606,886</b>	<b>651,363</b>	<b>701,060</b>	<b>7.8</b>	<b>8.6</b>	<b>7.6</b>
New York . . . . .	106,902	214,143	311,727	336,071	362,736	7.2	9.2	7.9
New Jersey . . . . .	38,457	88,516	131,776	142,302	154,765	8.7	9.8	8.8
Pennsylvania . . . . .	56,421	125,547	163,383	172,990	183,559	8.3	6.5	6.1
<b>East North Central</b> . . . . .	<b>208,691</b>	<b>480,518</b>	<b>624,118</b>	<b>662,480</b>	<b>700,852</b>	<b>8.7</b>	<b>6.5</b>	<b>5.8</b>
Ohio . . . . .	53,171	121,642	158,543	167,645	176,102	8.6	6.4	5.0
Indiana . . . . .	25,068	59,050	76,086	80,262	84,922	8.9	6.2	5.8
Illinois . . . . .	63,495	143,110	187,484	198,138	209,666	8.5	6.6	5.8
Michigan . . . . .	46,677	103,841	132,369	143,719	153,240	8.3	6.7	6.6
Wisconsin . . . . .	20,280	52,876	69,636	72,716	76,922	10.1	6.4	5.8
<b>West North Central</b> . . . . .	<b>75,032</b>	<b>197,637</b>	<b>265,745</b>	<b>278,528</b>	<b>292,523</b>	<b>10.2</b>	<b>6.8</b>	<b>5.0</b>
Minnesota . . . . .	18,252	48,846	67,250	71,183	75,626	10.3	7.5	6.2
Iowa . . . . .	12,917	34,442	41,407	42,100	43,836	10.3	4.1	4.1
Missouri . . . . .	22,059	53,142	74,493	79,220	83,534	9.2	7.8	5.4
North Dakota . . . . .	2,371	8,146	10,608	10,725	10,733	13.1	4.7	0.1
South Dakota . . . . .	2,522	6,822	9,023	9,297	9,802	10.6	6.0	5.4
Nebraska . . . . .	6,893	18,073	24,268	25,639	26,521	10.1	6.6	3.4
Kansas . . . . .	10,018	28,066	38,495	40,364	42,472	10.9	7.1	5.2
<b>South Atlantic</b> . . . . .	<b>137,397</b>	<b>388,303</b>	<b>573,331</b>	<b>621,755</b>	<b>671,591</b>	<b>10.9</b>	<b>9.6</b>	<b>8.0</b>
Delaware . . . . .	3,075	7,047	10,186	10,866	11,706	8.6	8.8	6.7
Maryland . . . . .	18,250	44,912	64,465	70,580	76,504	9.4	9.3	8.4
District of Columbia . . . . .	8,115	19,029	25,100	27,185	28,791	8.9	7.1	5.9
Virginia . . . . .	20,449	58,634	87,589	95,369	104,155	11.1	10.0	9.2
West Virginia . . . . .	7,090	19,197	22,885	23,541	24,096	10.5	3.9	2.4
North Carolina . . . . .	22,138	58,876	87,748	93,821	100,961	10.3	9.4	7.6
South Carolina . . . . .	9,566	27,275	39,581	41,832	44,727	11.0	8.6	6.9
Georgia . . . . .	19,173	55,503	86,213	94,121	102,922	11.2	10.8	9.4
Florida . . . . .	29,541	97,830	149,554	164,340	177,729	12.7	10.5	8.1
<b>East South Central</b> . . . . .	<b>48,595</b>	<b>138,285</b>	<b>191,066</b>	<b>201,532</b>	<b>212,300</b>	<b>11.0</b>	<b>7.4</b>	<b>5.3</b>
Kentucky . . . . .	13,883	36,828	49,512	51,234	53,135	10.2	6.3	3.7
Tennessee . . . . .	15,541	45,018	63,207	67,560	72,328	11.2	8.2	7.1
Alabama . . . . .	12,215	34,969	48,710	51,919	55,007	11.1	7.8	5.9
Mississippi . . . . .	6,956	21,470	29,637	30,819	31,830	11.9	6.8	3.3
<b>West South Central</b> . . . . .	<b>88,493</b>	<b>325,075</b>	<b>447,066</b>	<b>468,102</b>	<b>459,383</b>	<b>13.9</b>	<b>5.9</b>	<b>-1.9</b>
Arkansas . . . . .	6,485	20,123	28,716	29,926	31,633	12.0	7.8	5.7
Louisiana . . . . .	16,794	62,166	79,034	79,719	74,426	14.0	3.0	-6.6
Oklahoma . . . . .	10,857	37,739	50,077	50,842	49,814	13.3	4.7	-2.0
Texas . . . . .	54,357	205,047	289,239	307,615	303,510	14.2	6.8	-1.3
<b>Mountain</b> . . . . .	<b>38,321</b>	<b>141,179</b>	<b>194,062</b>	<b>207,626</b>	<b>216,473</b>	<b>13.9</b>	<b>7.4</b>	<b>4.3</b>
Montana . . . . .	3,055	9,525	11,726	11,543	12,163	12.0	4.2	5.4
Idaho . . . . .	3,071	9,670	12,289	13,027	13,170	12.2	5.3	1.1
Wyoming . . . . .	2,003	10,900	12,468	12,777	11,673	18.5	1.1	-8.6
Colorado . . . . .	10,504	37,620	53,373	56,713	59,177	13.6	7.8	4.3
New Mexico . . . . .	4,163	16,442	22,665	23,887	23,603	14.7	6.2	-1.2
Arizona . . . . .	8,104	29,931	43,442	48,589	53,253	14.0	10.1	9.6
Utah . . . . .	4,366	15,121	21,739	23,172	24,008	13.2	8.0	3.6
Nevada . . . . .	3,055	11,970	16,350	17,918	19,426	14.6	8.4	8.4
<b>Pacific</b> . . . . .	<b>144,817</b>	<b>432,680</b>	<b>598,629</b>	<b>646,759</b>	<b>691,672</b>	<b>11.6</b>	<b>8.1</b>	<b>6.9</b>
Washington . . . . .	16,705	51,354	67,347	71,756	77,683	11.9	7.1	8.3
Oregon . . . . .	9,726	30,219	36,882	38,922	41,278	12.0	5.3	6.1
California . . . . .	111,631	325,171	456,874	496,850	533,816	11.3	8.6	7.4
Alaska . . . . .	2,189	12,860	20,802	21,237	19,575	19.4	7.3	-7.8
Hawaii . . . . .	4,566	13,076	16,724	17,994	19,320	11.1	6.7	7.4

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 1988.

**No. 711. Disposable Personal Income Per Capita in Current and Constant (1982)  
Dollars—States: 1980 to 1989**

REGION, DIVISION, AND STATE	CURRENT DOLLARS						CONSTANT (1982) DOLLARS			
	1980	1985	1986	1989	Income rank		1980	1985	1986	1989
					1980	1989				
<b>United States</b> .....	<b>8,424</b>	<b>11,863</b>	<b>14,111</b>	<b>14,948</b>	(X)	(X)	<b>9,705</b>	<b>10,630</b>	<b>11,362</b>	<b>11,507</b>
<b>Northeast</b> .....	<b>8,965</b>	<b>13,123</b>	<b>16,366</b>	<b>17,374</b>	(X)	(X)	<b>10,328</b>	<b>11,759</b>	<b>13,177</b>	<b>13,375</b>
<b>New England</b> .....	<b>8,938</b>	<b>13,515</b>	<b>17,233</b>	<b>18,185</b>	(X)	(X)	<b>10,295</b>	<b>12,110</b>	<b>13,875</b>	<b>13,999</b>
Maine .....	7,218	10,409	13,068	14,110	39	21	8,316	9,327	10,522	10,862
New Hampshire .....	8,523	13,466	17,201	17,829	15	5	9,819	12,066	13,849	13,725
Vermont .....	7,410	10,562	13,126	13,945	35	25	8,537	9,464	10,568	10,735
Massachusetts .....	8,926	13,677	17,690	18,636	13	4	10,283	12,255	14,243	14,346
Rhode Island .....	8,130	12,065	14,352	15,189	26	14	9,366	10,811	11,556	11,693
Connecticut .....	10,198	15,309	19,559	20,687	2	1	11,749	13,718	15,748	15,925
<b>Middle Atlantic</b> .....	<b>8,974</b>	<b>12,990</b>	<b>16,067</b>	<b>17,093</b>	(X)	(X)	<b>10,339</b>	<b>11,640</b>	<b>12,936</b>	<b>13,169</b>
New York .....	8,966	13,003	16,269	17,293	10	7	10,329	11,651	13,099	13,313
New Jersey .....	9,822	15,012	18,998	20,180	4	2	11,316	13,452	15,296	15,535
Pennsylvania .....	8,460	11,681	13,881	14,811	16	18	9,747	10,467	11,176	11,402
<b>Midwest</b> .....	<b>8,407</b>	<b>11,639</b>	<b>13,583</b>	<b>14,419</b>	(X)	(X)	<b>9,686</b>	<b>10,429</b>	<b>10,936</b>	<b>11,100</b>
<b>East North Central</b> .....	<b>8,544</b>	<b>11,740</b>	<b>13,825</b>	<b>14,652</b>	(X)	(X)	<b>9,843</b>	<b>10,520</b>	<b>11,131</b>	<b>11,279</b>
Ohio .....	8,275	11,304	13,261	13,994	24	24	9,533	10,129	10,677	10,773
Indiana .....	7,874	10,664	12,638	13,451	31	30	9,071	9,556	10,176	10,355
Illinois .....	9,151	12,683	15,103	16,060	8	10	10,543	11,365	12,160	12,363
Michigan .....	8,622	11,876	13,958	14,757	14	20	9,933	10,642	11,238	11,380
Wisconsin .....	8,315	11,425	13,129	13,933	20	26	9,579	10,237	10,571	10,726
<b>West North Central</b> .....	<b>8,076</b>	<b>11,398</b>	<b>13,008</b>	<b>13,866</b>	(X)	(X)	<b>9,304</b>	<b>10,213</b>	<b>10,473</b>	<b>10,674</b>
Minnesota .....	8,410	11,890	13,785	14,771	17	19	9,689	10,654	11,099	11,371
Iowa .....	8,012	10,909	12,213	13,183	27	33	9,230	9,775	9,933	10,149
Missouri .....	7,954	11,450	13,240	14,008	28	23	9,164	10,260	10,660	10,784
North Dakota .....	7,339	10,606	10,844	11,937	37	40	8,455	9,504	8,731	9,189
South Dakota .....	7,322	10,028	11,369	12,335	38	38	8,435	8,986	9,154	9,496
Nebraska .....	7,873	11,349	12,567	13,268	32	32	9,070	10,169	10,118	10,214
Kansas .....	8,388	11,676	13,425	14,103	18	22	9,664	10,462	10,809	10,857
<b>South</b> .....	<b>7,614</b>	<b>10,767</b>	<b>12,733</b>	<b>13,489</b>	(X)	(X)	<b>8,772</b>	<b>9,648</b>	<b>10,252</b>	<b>10,384</b>
<b>South Atlantic</b> .....	<b>7,782</b>	<b>11,284</b>	<b>13,687</b>	<b>14,492</b>	(X)	(X)	<b>8,965</b>	<b>10,111</b>	<b>11,020</b>	<b>11,158</b>
Delaware .....	8,259	11,987	14,137	14,949	25	17	9,515	10,741	11,382	11,508
Maryland .....	8,942	13,413	16,491	17,489	12	6	10,302	12,019	13,278	13,463
District of Columbia .....	10,290	14,651	18,397	19,337	(X)	(X)	11,855	13,128	14,812	14,886
Virginia .....	8,296	12,280	15,010	15,936	23	11	9,558	11,004	12,085	12,288
West Virginia .....	6,773	8,802	10,279	10,901	46	49	7,803	7,887	8,276	8,392
North Carolina .....	6,819	9,889	12,212	12,979	45	34	7,856	8,861	9,833	9,992
South Carolina .....	6,505	9,214	11,098	11,665	48	42	7,494	8,256	8,936	8,990
Georgia .....	7,088	10,544	12,925	13,464	41	29	8,166	9,448	10,407	10,365
Florida .....	8,384	11,924	14,144	15,049	19	16	9,659	10,685	11,388	11,585
<b>East South Central</b> .....	<b>6,682</b>	<b>9,175</b>	<b>11,165</b>	<b>11,822</b>	(X)	(X)	<b>7,710</b>	<b>8,221</b>	<b>8,990</b>	<b>9,101</b>
Kentucky .....	6,952	9,276	11,088	11,873	43	41	8,009	8,312	8,928	9,140
Tennessee .....	6,991	9,797	12,228	12,854	42	35	8,054	8,779	9,845	9,895
Alabama .....	6,574	9,099	10,993	11,634	47	43	7,574	8,153	8,851	8,956
Mississippi .....	5,953	8,011	9,560	10,102	50	50	6,858	7,178	7,697	7,777
<b>West South Central</b> .....	<b>7,920</b>	<b>10,892</b>	<b>12,123</b>	<b>12,839</b>	(X)	(X)	<b>9,124</b>	<b>9,760</b>	<b>9,761</b>	<b>9,884</b>
Arkansas .....	6,479	9,168	10,630	11,243	49	48	7,464	8,215	8,559	8,655
Louisiana .....	7,406	9,835	10,793	11,348	36	46	8,532	8,813	8,690	8,736
Oklahoma .....	7,939	9,864	10,956	11,591	30	44	9,146	8,839	8,821	8,923
Texas .....	8,298	11,639	12,908	13,687	22	27	9,560	10,429	10,393	10,537
<b>West</b> .....	<b>9,245</b>	<b>12,702</b>	<b>14,787</b>	<b>15,594</b>	(X)	(X)	<b>10,851</b>	<b>11,382</b>	<b>11,908</b>	<b>12,005</b>
<b>Mountain</b> .....	<b>8,096</b>	<b>10,962</b>	<b>12,623</b>	<b>13,418</b>	(X)	(X)	<b>9,327</b>	<b>9,823</b>	<b>10,163</b>	<b>10,329</b>
Montana .....	7,692	9,673	11,371	12,390	33	37	8,662	8,668	9,155	9,538
Idaho .....	7,451	9,503	11,177	12,041	34	39	8,584	8,515	8,999	9,268
Wyoming .....	9,420	10,713	11,803	12,399	6	36	10,853	9,599	9,503	9,545
Colorado .....	8,944	12,551	14,187	15,050	11	15	10,304	11,246	11,423	11,586
New Mexico .....	7,138	9,690	10,672	11,302	40	47	8,224	8,683	8,593	8,701
Arizona .....	7,943	11,264	13,008	13,625	29	28	9,151	10,093	10,473	10,489
Utah .....	6,874	9,156	10,650	11,425	44	45	7,919	8,204	8,575	8,795
Nevada .....	9,714	12,430	15,121	16,295	5	9	11,191	11,138	12,175	12,544
<b>Pacific</b> .....	<b>9,656</b>	<b>13,337</b>	<b>15,559</b>	<b>16,362</b>	(X)	(X)	<b>11,124</b>	<b>11,951</b>	<b>12,527</b>	<b>12,596</b>
Washington .....	9,213	12,474	14,347	15,438	7	13	10,614	11,177	11,552	11,885
Oregon .....	8,304	10,793	12,667	13,422	21	31	9,567	9,671	10,215	10,333
California .....	9,875	13,734	16,059	16,779	3	8	11,377	12,306	12,930	12,917
Alaska .....	11,572	16,307	17,089	19,100	1	3	13,332	14,612	13,759	14,704
Hawaii .....	9,065	12,011	14,294	15,584	9	12	10,444	10,763	11,509	11,997

X Not applicable.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, August issues, and unpublished data.

## No. 712. Personal Income in Current and Constant (1982) Dollars—States: 1980 to 1989

[In billions of dollars, except percent. Represents a measure of income received from all sources during the calendar year by the residents of each State. Data exclude Federal employees overseas and, for 1980, U.S. residents employed by private U.S. firms on temporary foreign assignment. Totals may differ from those in tables 702, 703, and 708. See text, section 14. Minus sign (-) indicates decrease]

REGION, DIVISION, AND STATE	CURRENT DOLLARS				CONSTANT (1982) DOLLARS							
	1980	1985	1988	1989	Total				Average annual percent change <sup>1</sup>		Percent of United States	
					1980	1985	1988	1989	1980- 1989	1988- 1989	1980	1989
<b>United States . . . . .</b>	<b>2,254.1</b>	<b>3,317.5</b>	<b>4,058.7</b>	<b>4,388.1</b>	<b>2,596.9</b>	<b>2,972.7</b>	<b>3,267.8</b>	<b>3,362.7</b>	<b>2.9</b>	<b>2.9</b>	<b>100.0</b>	<b>100.0</b>
<b>Northeast . . . . .</b>	<b>521.5</b>	<b>776.4</b>	<b>980.1</b>	<b>1,050.7</b>	<b>600.8</b>	<b>695.7</b>	<b>789.1</b>	<b>808.8</b>	<b>3.4</b>	<b>2.5</b>	<b>23.1</b>	<b>24.1</b>
New England . . . . .	130.4	202.0	262.5	280.8	150.2	181.0	211.4	216.0	4.1	2.2	5.8	6.4
Maine . . . . .	9.3	13.9	18.1	19.9	10.7	12.4	14.6	15.3	4.1	4.7	0.4	0.5
New Hampshire . . . . .	9.0	15.3	21.1	22.4	10.4	13.7	17.0	17.3	5.8	1.8	0.4	0.5
Vermont . . . . .	4.4	6.6	8.5	9.3	5.1	5.9	6.9	7.1	3.9	4.2	0.2	0.2
Massachusetts . . . . .	60.9	95.0	123.1	131.1	70.2	85.1	99.1	100.9	4.1	1.8	2.7	3.0
Rhode Island . . . . .	9.0	13.3	16.8	17.9	10.4	11.9	13.5	13.8	3.2	2.2	0.4	0.4
Connecticut . . . . .	37.7	57.9	75.0	79.9	43.4	51.9	60.4	61.5	3.9	2.0	1.7	1.8
Middle Atlantic . . . . .	391.1	574.4	717.6	770.1	450.6	514.7	577.8	592.9	3.1	2.6	17.4	17.6
New York . . . . .	188.3	280.3	352.1	378.3	217.0	251.1	283.5	291.2	3.3	2.7	8.4	8.7
New Jersey . . . . .	85.4	133.3	171.8	183.9	98.3	119.5	138.4	141.6	4.1	2.3	3.8	4.2
Pennsylvania . . . . .	117.4	160.8	193.6	207.9	135.3	144.1	155.9	160.1	1.9	2.7	5.2	4.8
<b>Midwest . . . . .</b>	<b>584.4</b>	<b>803.3</b>	<b>949.2</b>	<b>1,018.1</b>	<b>673.3</b>	<b>719.8</b>	<b>764.3</b>	<b>783.7</b>	<b>1.7</b>	<b>2.5</b>	<b>25.9</b>	<b>23.3</b>
East North Central . . . . .	420.3	570.4	679.2	728.1	484.2	511.1	546.9	560.5	1.6	2.5	18.6	16.7
Ohio . . . . .	105.0	142.0	167.6	178.6	121.0	127.2	134.9	137.5	1.4	1.9	4.7	4.1
Indiana . . . . .	50.8	68.3	81.8	88.3	58.5	61.2	65.9	67.9	1.7	3.1	2.3	2.0
Illinois . . . . .	124.0	170.0	204.0	219.4	142.8	152.3	164.3	168.9	1.9	2.8	5.5	5.0
Michigan . . . . .	94.1	127.2	151.4	161.8	108.4	114.0	121.9	124.5	1.6	2.1	4.2	3.7
Wisconsin . . . . .	46.4	62.9	74.3	80.1	53.5	58.4	59.8	61.6	1.6	3.0	2.1	1.8
West North Central . . . . .	164.1	232.8	270.0	290.0	189.1	208.6	217.4	223.2	1.9	2.7	7.3	6.8
Minnesota . . . . .	41.1	59.3	71.0	76.9	47.4	53.1	57.1	59.2	2.5	3.6	1.8	1.8
Iowa . . . . .	27.8	36.2	40.5	44.0	32.0	32.5	32.6	33.9	0.6	3.8	1.2	1.0
Missouri . . . . .	45.8	66.7	78.8	84.1	52.7	59.8	63.5	64.7	2.3	2.0	2.0	1.9
North Dakota . . . . .	5.6	8.2	8.2	9.0	6.4	7.3	6.6	6.9	0.8	4.0	0.2	0.2
South Dakota . . . . .	5.7	7.8	9.0	9.8	6.5	7.0	7.2	7.5	1.6	4.0	0.3	0.2
Nebraska . . . . .	14.6	20.8	23.4	24.9	16.8	18.8	18.8	19.2	1.5	1.9	0.6	0.6
Kansas . . . . .	23.6	33.8	39.2	41.5	27.1	30.3	31.5	31.9	1.8	1.2	1.0	0.9
<b>South . . . . .</b>	<b>677.4</b>	<b>1,032.4</b>	<b>1,253.5</b>	<b>1,349.0</b>	<b>780.4</b>	<b>925.1</b>	<b>1,009.2</b>	<b>1,038.5</b>	<b>3.2</b>	<b>2.9</b>	<b>30.1</b>	<b>30.9</b>
South Atlantic . . . . .	340.6	535.0	681.8	738.3	392.4	479.4	549.0	568.3	4.2	3.5	15.1	16.9
Delaware . . . . .	6.1	9.1	11.5	12.4	7.0	8.2	9.2	9.6	3.5	3.8	0.3	0.3
Maryland . . . . .	45.6	70.2	90.8	98.6	52.5	62.9	73.1	75.9	4.2	3.8	2.0	2.3
District of Columbia . . . . .	7.9	11.1	13.5	14.2	9.1	10.0	10.9	10.9	2.1	0.3	0.3	0.3
Virginia . . . . .	52.8	82.5	106.5	115.4	60.8	73.9	85.8	88.8	4.3	3.6	2.3	2.6
West Virginia . . . . .	15.5	19.5	21.7	22.9	17.8	17.5	17.5	17.6	-0.1	0.9	0.7	0.5
North Carolina . . . . .	47.2	73.0	92.4	99.9	54.4	65.4	74.4	76.9	3.9	3.3	2.1	2.3
South Carolina . . . . .	23.8	35.8	44.7	47.9	27.4	32.1	36.0	36.9	3.3	2.4	1.1	1.1
Georgia . . . . .	45.8	75.4	96.9	103.3	52.8	67.6	78.0	79.5	4.7	2.0	2.0	2.4
Florida . . . . .	96.1	158.4	203.8	223.6	110.7	141.9	164.1	172.1	5.0	4.9	4.3	5.1
East South Central . . . . .	113.9	160.9	197.3	210.8	131.2	144.2	158.8	162.2	2.4	2.1	5.1	4.8
Kentucky . . . . .	29.4	40.1	47.7	51.2	33.9	35.9	38.4	39.4	1.7	2.7	1.3	1.2
Tennessee . . . . .	37.0	53.6	68.1	72.8	42.6	48.1	54.8	55.9	3.1	2.0	1.6	1.7
Alabama . . . . .	30.1	43.0	52.6	56.1	34.6	38.6	42.3	43.2	2.5	2.0	1.3	1.3
Mississippi . . . . .	17.5	24.2	29.0	30.7	20.2	21.7	23.3	23.7	1.8	1.4	0.8	0.7
West South Central . . . . .	222.9	336.5	374.4	400.1	256.8	301.5	301.4	308.0	2.0	2.2	9.9	9.2
Arkansas . . . . .	17.1	24.8	29.1	31.0	19.7	22.3	23.4	23.9	2.2	2.0	0.8	0.7
Louisiana . . . . .	36.7	50.7	53.9	56.6	42.3	45.4	43.4	43.6	0.3	0.4	1.6	1.3
Oklahoma . . . . .	28.6	40.2	43.0	45.6	32.9	36.1	34.6	35.1	0.7	1.4	1.3	1.0
Texas . . . . .	140.5	220.7	248.3	266.8	161.9	197.8	200.0	205.4	2.7	2.7	6.2	6.1
<b>West . . . . .</b>	<b>470.8</b>	<b>705.5</b>	<b>875.8</b>	<b>950.4</b>	<b>542.3</b>	<b>632.2</b>	<b>705.2</b>	<b>731.6</b>	<b>3.4</b>	<b>3.8</b>	<b>20.9</b>	<b>21.8</b>
Mountain . . . . .	108.1	162.5	194.4	210.4	124.5	145.6	156.5	161.9	3.0	3.4	4.8	4.8
Montana . . . . .	7.0	9.1	10.4	11.3	8.1	8.1	8.3	8.7	0.8	4.7	0.3	0.3
Idaho . . . . .	8.1	10.9	12.7	13.9	9.4	9.7	10.2	10.7	1.5	4.7	0.4	0.3
Wyoming . . . . .	5.4	6.5	6.6	6.9	6.2	5.9	5.3	5.3	-1.7	0.0	0.2	0.2
Colorado . . . . .	30.8	47.5	54.4	58.2	35.5	42.6	43.8	44.8	2.6	2.4	1.4	1.3
New Mexico . . . . .	10.7	16.2	18.7	20.1	12.3	14.6	15.1	15.5	2.5	2.5	0.5	0.5
Arizona . . . . .	25.1	41.0	52.2	56.2	28.9	36.7	42.1	43.3	4.6	2.9	1.1	1.3
Utah . . . . .	11.7	17.5	20.7	22.3	13.5	15.7	16.6	17.2	2.7	3.3	0.5	0.5
Nevada . . . . .	9.3	13.8	18.8	21.4	10.7	12.4	15.2	16.5	5.0	8.7	0.4	0.5
Pacific . . . . .	362.6	543.0	681.4	740.0	417.8	486.5	548.6	569.7	3.5	3.8	16.1	16.9
Washington . . . . .	44.6	62.0	76.1	84.0	51.3	55.6	61.3	64.7	2.6	5.5	2.0	1.9
Oregon . . . . .	26.1	34.0	41.0	44.9	30.0	30.4	33.0	34.6	1.6	4.7	1.2	1.0
California . . . . .	276.1	422.6	535.7	579.2	318.1	378.7	431.3	445.9	3.8	3.4	12.2	13.3
Alaska . . . . .	5.6	9.8	10.1	11.4	6.5	8.8	8.1	8.8	3.5	8.1	0.2	0.3
Hawaii . . . . .	10.3	14.6	18.5	20.5	11.8	13.1	14.9	15.8	3.3	6.4	0.5	0.5

<sup>1</sup> For definition of average annual percent change, see Guide to Tabular Presentation.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, August issues, and unpublished data.

**No. 713. Personal Income Per Capita in Current and Constant (1982) Dollars—States:  
1980 to 1989**

[See headnote, table 712]

REGION, DIVISION, AND STATE	CURRENT DOLLARS					CONSTANT (1982) DOLLARS					Income rank	
	1980	1985	1987	1988	1989	1980	1985	1987	1988	1989	1980	1989
<b>United States . . . . .</b>	<b>9,919</b>	<b>13,896</b>	<b>15,423</b>	<b>16,513</b>	<b>17,596</b>	<b>11,427</b>	<b>12,452</b>	<b>12,895</b>	<b>13,295</b>	<b>13,546</b>	(X)	(X)
<b>Northeast . . . . .</b>	<b>10,603</b>	<b>15,570</b>	<b>17,792</b>	<b>19,373</b>	<b>20,694</b>	<b>12,216</b>	<b>13,952</b>	<b>14,876</b>	<b>15,599</b>	<b>15,931</b>	(X)	(X)
<b>New England . . . . .</b>	<b>10,542</b>	<b>15,950</b>	<b>18,633</b>	<b>20,249</b>	<b>21,504</b>	<b>12,145</b>	<b>14,292</b>	<b>15,579</b>	<b>16,304</b>	<b>16,554</b>	(X)	(X)
Maine . . . . .	8,218	11,903	13,985	15,045	16,248	9,468	10,686	11,693	12,114	12,508	39	26
New Hampshire . . . . .	9,788	15,367	18,032	19,410	20,267	11,276	13,770	15,077	15,628	15,602	23	7
Vermont . . . . .	8,577	12,373	14,256	15,268	16,371	9,881	11,087	11,920	12,293	12,603	35	24
Massachusetts . . . . .	10,612	16,305	19,140	20,898	22,174	12,228	14,610	16,003	16,826	17,070	12	3
Rhode Island . . . . .	9,518	13,779	15,644	16,870	17,950	10,965	12,347	13,080	13,583	13,818	27	14
Connecticut . . . . .	12,112	18,227	21,288	23,190	24,683	13,954	16,332	17,799	18,671	19,002	2	1
<b>Middle Atlantic . . . . .</b>	<b>10,624</b>	<b>15,441</b>	<b>17,503</b>	<b>19,072</b>	<b>20,414</b>	<b>12,240</b>	<b>13,836</b>	<b>14,635</b>	<b>15,356</b>	<b>15,715</b>	(X)	(X)
New York . . . . .	10,721	15,773	17,906	19,663	21,073	12,351	14,134	14,972	15,832	16,222	10	5
New Jersey . . . . .	11,573	17,618	20,303	22,265	23,778	13,333	15,787	16,976	17,927	18,305	4	2
Pennsylvania . . . . .	9,891	13,554	15,103	16,135	17,269	11,395	12,145	12,628	12,991	13,284	18	20
<b>Midwest . . . . .</b>	<b>9,919</b>	<b>13,569</b>	<b>14,997</b>	<b>15,856</b>	<b>16,828</b>	<b>11,427</b>	<b>12,159</b>	<b>12,539</b>	<b>12,766</b>	<b>13,030</b>	(X)	(X)
<b>East North Central . . . . .</b>	<b>10,077</b>	<b>13,694</b>	<b>15,174</b>	<b>16,130</b>	<b>17,214</b>	<b>11,609</b>	<b>12,271</b>	<b>12,687</b>	<b>12,967</b>	<b>13,252</b>	(X)	(X)
Ohio . . . . .	9,723	13,176	14,529	15,427	16,373	11,202	11,806	12,148	12,421	12,604	25	23
Indiana . . . . .	9,245	12,424	13,894	14,721	15,779	10,651	11,133	11,617	11,853	12,147	31	30
Illinois . . . . .	10,837	14,730	16,366	17,567	18,824	12,485	13,199	13,684	14,144	14,491	7	11
Michigan . . . . .	10,165	14,001	15,473	16,391	17,444	11,711	12,546	12,937	13,197	13,429	15	19
Wisconsin . . . . .	9,845	13,234	14,652	15,378	16,449	11,342	11,858	12,251	12,382	12,663	20	22
<b>West North Central . . . . .</b>	<b>9,534</b>	<b>13,273</b>	<b>14,575</b>	<b>15,205</b>	<b>16,244</b>	<b>10,984</b>	<b>11,893</b>	<b>12,186</b>	<b>12,242</b>	<b>12,505</b>	(X)	(X)
Minnesota . . . . .	10,062	14,144	15,716	16,472	17,657	11,592	12,674	13,140	13,262	13,593	18	15
Iowa . . . . .	9,537	12,619	13,859	14,316	15,467	10,987	11,307	11,588	11,527	11,922	26	32
Missouri . . . . .	9,288	13,250	14,582	15,331	16,292	10,712	11,873	12,192	12,344	12,542	29	25
North Dakota . . . . .	8,538	11,951	12,641	12,342	13,563	9,836	10,709	10,589	9,937	10,441	37	44
South Dakota . . . . .	8,217	11,029	12,370	12,599	13,685	9,467	9,883	10,343	10,144	10,535	40	41
Nebraska . . . . .	9,274	12,967	13,976	14,569	15,446	10,684	11,619	11,686	11,730	11,891	30	33
Kansas . . . . .	9,941	13,812	14,962	15,688	16,498	11,453	12,376	12,510	12,631	12,701	17	21
<b>South . . . . .</b>	<b>8,944</b>	<b>12,608</b>	<b>13,817</b>	<b>14,810</b>	<b>15,773</b>	<b>10,305</b>	<b>11,297</b>	<b>11,552</b>	<b>11,924</b>	<b>12,143</b>	(X)	(X)
<b>South Atlantic . . . . .</b>	<b>9,171</b>	<b>13,301</b>	<b>15,022</b>	<b>16,073</b>	<b>17,123</b>	<b>10,566</b>	<b>11,918</b>	<b>12,580</b>	<b>12,941</b>	<b>13,182</b>	(X)	(X)
Delaware . . . . .	10,249	14,547	16,319	17,347	18,483	11,808	13,035	13,645	13,967	14,229	14	12
Maryland . . . . .	10,790	15,970	18,231	19,639	21,013	12,431	14,310	15,243	15,812	16,176	8	6
District of Columbia . . . . .	12,322	17,811	19,579	22,063	23,491	14,196	15,960	16,370	17,764	18,084	(X)	(X)
Virginia . . . . .	9,827	14,468	16,531	17,712	18,927	11,321	12,984	13,822	14,261	14,570	21	10
West Virginia . . . . .	7,915	10,073	10,959	11,578	12,345	9,119	9,026	9,163	9,322	9,503	46	49
North Carolina . . . . .	7,999	11,682	13,284	14,243	15,198	9,215	10,450	11,107	11,468	11,700	44	34
South Carolina . . . . .	7,589	10,729	12,070	12,907	13,634	8,743	9,614	10,092	10,392	10,496	48	42
Georgia . . . . .	8,348	12,616	14,316	15,280	16,053	9,618	11,305	11,970	12,303	12,358	38	27
Florida . . . . .	9,764	13,935	15,538	16,515	17,647	11,249	12,487	12,992	13,297	13,585	24	17
<b>East South Central . . . . .</b>	<b>7,752</b>	<b>10,640</b>	<b>11,976</b>	<b>12,853</b>	<b>13,673</b>	<b>8,931</b>	<b>9,534</b>	<b>10,013</b>	<b>10,349</b>	<b>10,526</b>	(X)	(X)
Kentucky . . . . .	8,022	10,768	11,963	12,792	13,743	9,242	9,649	10,003	10,300	10,580	43	39
Tennessee . . . . .	8,030	11,252	12,913	13,895	14,694	9,251	10,082	10,797	11,188	11,312	42	35
Alabama . . . . .	7,704	10,698	11,982	12,814	13,625	8,876	9,586	10,018	10,317	10,489	47	43
Mississippi . . . . .	6,926	9,249	10,250	11,055	11,724	7,979	8,288	8,570	8,901	9,025	50	50
<b>West South Central . . . . .</b>	<b>9,326</b>	<b>12,679</b>	<b>12,993</b>	<b>13,933</b>	<b>14,817</b>	<b>10,744</b>	<b>11,361</b>	<b>10,864</b>	<b>11,218</b>	<b>11,408</b>	(X)	(X)
Arkansas . . . . .	7,465	10,525	11,385	12,141	12,901	8,600	9,431	9,519	9,775	9,931	49	48
Louisiana . . . . .	8,682	11,302	11,439	12,238	12,921	10,002	10,127	9,564	9,853	9,947	34	47
Oklahoma . . . . .	9,393	12,139	12,481	13,306	14,154	10,821	10,877	10,438	10,713	10,896	28	37
Texas . . . . .	9,798	13,476	13,734	14,753	15,702	11,288	12,075	11,483	11,878	12,088	22	31
<b>West . . . . .</b>	<b>10,843</b>	<b>14,763</b>	<b>16,247</b>	<b>17,278</b>	<b>18,349</b>	<b>12,492</b>	<b>13,229</b>	<b>13,585</b>	<b>13,912</b>	<b>14,125</b>	(X)	(X)
<b>Mountain . . . . .</b>	<b>9,445</b>	<b>12,730</b>	<b>13,813</b>	<b>14,590</b>	<b>15,566</b>	<b>10,881</b>	<b>11,407</b>	<b>11,549</b>	<b>11,747</b>	<b>11,983</b>	(X)	(X)
Montana . . . . .	8,924	11,015	12,331	12,870	14,078	10,281	9,870	10,310	10,362	10,838	33	38
Idaho . . . . .	8,569	10,817	11,838	12,652	13,707	9,872	9,693	9,898	10,187	10,552	38	40
Wyoming . . . . .	11,339	12,834	12,819	13,720	14,508	13,063	11,500	10,718	11,047	11,169	6	36
Colorado . . . . .	10,598	14,699	15,624	16,471	17,553	12,210	13,171	13,064	13,262	13,513	13	18
New Mexico . . . . .	8,169	11,197	11,872	12,401	13,140	9,411	10,033	9,926	9,985	10,115	41	45
Arizona . . . . .	9,172	12,957	14,355	14,995	15,802	10,567	11,610	12,003	12,073	12,165	32	29
Utah . . . . .	7,952	10,653	11,532	12,225	13,079	9,161	9,546	9,642	9,843	10,069	45	46
Nevada . . . . .	11,421	14,693	16,381	17,849	19,269	13,158	13,166	13,696	14,371	14,834	5	9
<b>Pacific . . . . .</b>	<b>11,343</b>	<b>15,504</b>	<b>17,125</b>	<b>18,237</b>	<b>19,331</b>	<b>13,088</b>	<b>13,892</b>	<b>14,319</b>	<b>14,684</b>	<b>14,881</b>	(X)	(X)
Washington . . . . .	10,725	14,076	15,535	16,364	17,647	12,356	12,613	12,989	13,176	13,585	9	16
Oregon . . . . .	9,866	12,628	13,850	14,811	15,919	11,366	11,315	11,580	11,925	12,255	19	28
California . . . . .	11,603	16,035	17,749	18,915	19,929	13,368	14,368	14,840	15,229	15,342	3	8
Alaska . . . . .	13,835	18,765	18,282	19,237	21,656	15,939	16,832	15,286	15,489	16,671	1	4
Hawaii . . . . .	10,617	13,900	15,540	16,840	18,472	12,232	12,455	12,993	13,559	14,220	11	13

X Not applicable.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, August issues, and unpublished data.

# No. 714. Total and Per Capita Personal Income in Constant (1982) Dollars, 1979 and 1988; and Projections: 1995 to 2000

[Data for 1988 will not match tables 712 and 713 due to revisions that were released in August, 1990]

REGION, DIVISION, AND STATE	PERSONAL INCOME						PERSONAL INCOME PER CAPITA <sup>1</sup>					
	1979	1988	1995	2000	Average annual percent change		1979	1988	1995	2000	Average annual percent change	
	(mil. dol.)	(mil. dol.)	(mil. dol.)	(mil. dol.)	1979-1988	1988-2000	(dol.)	(dol.)	(dol.)	(dol.)	1979-1988	1988-2000
<b>U.S. ....</b>	<b>2,594,003</b>	<b>3,255,648</b>	<b>3,756,405</b>	<b>4,108,386</b>	<b>2.56</b>	<b>1.96</b>	<b>11,551</b>	<b>13,245</b>	<b>14,469</b>	<b>15,345</b>	<b>1.53</b>	<b>1.23</b>
<b>Northeast .....</b>	<b>598,429</b>	<b>780,761</b>	<b>876,757</b>	<b>944,466</b>	<b>3.00</b>	<b>1.60</b>	<b>12,157</b>	<b>15,432</b>	<b>16,717</b>	<b>17,635</b>	<b>2.69</b>	<b>1.12</b>
<b>New England .....</b>	<b>148,007</b>	<b>210,062</b>	<b>236,346</b>	<b>255,368</b>	<b>3.97</b>	<b>1.64</b>	<b>11,989</b>	<b>16,205</b>	<b>17,319</b>	<b>18,154</b>	<b>3.41</b>	<b>0.95</b>
Maine .....	10,578	14,615	16,781	18,337	3.66	1.91	9,404	12,126	13,205	14,014	2.87	1.21
New Hampshire .....	10,164	16,765	19,583	21,531	5.72	2.11	11,146	15,449	16,536	17,363	3.69	0.98
Vermont .....	5,035	6,860	7,950	8,727	3.50	2.03	9,956	12,305	13,393	14,193	2.38	1.20
Massachusetts .....	69,401	98,567	110,130	118,566	3.98	1.55	12,078	16,736	17,861	18,694	3.69	0.93
Rhode Island .....	10,331	13,441	15,340	16,677	2.97	1.81	10,799	13,540	14,746	15,555	2.54	1.16
Connecticut .....	42,498	59,814	66,561	71,530	3.87	1.50	13,709	18,500	19,625	20,503	3.39	0.86
<b>Middle Atlantic .....</b>	<b>450,422</b>	<b>570,699</b>	<b>640,412</b>	<b>689,098</b>	<b>2.66</b>	<b>1.58</b>	<b>11,977</b>	<b>13,738</b>	<b>15,009</b>	<b>15,904</b>	<b>1.54</b>	<b>1.23</b>
New York .....	216,991	277,066	309,204	330,379	2.75	1.48	12,306	15,470	16,889	17,852	2.58	1.20
New Jersey .....	96,856	137,280	155,240	168,834	3.95	1.74	13,136	17,780	18,985	19,932	3.42	0.96
Pennsylvania .....	136,575	156,353	175,968	189,885	1.51	1.63	11,502	13,028	14,287	15,173	1.39	1.28
<b>Midwest .....</b>	<b>694,407</b>	<b>768,875</b>	<b>872,867</b>	<b>944,408</b>	<b>1.14</b>	<b>1.73</b>	<b>11,828</b>	<b>12,840</b>	<b>14,074</b>	<b>14,938</b>	<b>0.92</b>	<b>1.27</b>
<b>E. No. Central .....</b>	<b>499,291</b>	<b>549,337</b>	<b>620,514</b>	<b>670,277</b>	<b>1.07</b>	<b>1.67</b>	<b>11,999</b>	<b>13,042</b>	<b>14,245</b>	<b>15,098</b>	<b>0.93</b>	<b>1.23</b>
Ohio .....	123,703	165,530	182,066	193,636	1.02	1.58	11,455	12,486	13,679	14,531	0.96	1.27
Indiana .....	60,840	86,330	75,904	82,518	0.96	1.84	11,113	11,937	13,201	14,031	0.80	1.36
Illinois .....	147,379	164,058	184,671	199,416	1.20	1.64	12,902	14,126	15,280	16,131	0.91	1.11
Michigan .....	113,240	122,783	138,577	149,509	0.90	1.65	12,244	13,288	14,507	15,361	0.91	1.22
Wisconsin .....	54,129	60,636	69,295	75,197	1.27	1.81	11,601	12,490	13,709	14,675	0.82	1.29
<b>W. No. Central .....</b>	<b>195,117</b>	<b>219,538</b>	<b>252,355</b>	<b>274,131</b>	<b>1.32</b>	<b>1.87</b>	<b>11,412</b>	<b>12,362</b>	<b>13,670</b>	<b>14,562</b>	<b>0.89</b>	<b>1.37</b>
Minnesota .....	47,643	57,611	66,334	72,217	2.13	1.90	11,798	13,378	14,617	15,508	1.41	1.24
Iowa .....	33,910	33,374	38,120	41,283	-0.18	1.79	11,626	11,777	12,998	13,849	0.14	1.36
Missouri .....	53,889	63,822	72,858	79,287	1.90	1.82	11,022	12,414	13,683	14,592	1.33	1.36
North Dakota .....	6,987	6,840	8,035	8,703	0.24	2.03	10,714	10,255	11,663	12,461	-0.49	1.64
South Dakota .....	7,103	7,304	8,512	9,237	0.31	1.97	10,309	10,244	11,518	12,330	0.07	1.56
Nebraska .....	17,713	19,037	22,230	24,149	0.80	2.00	11,323	11,882	13,419	14,322	0.54	1.57
Kansas .....	27,871	31,550	36,265	39,256	1.39	1.84	11,873	12,645	14,055	14,986	0.70	1.43
<b>South .....</b>	<b>767,614</b>	<b>1,006,107</b>	<b>1,171,418</b>	<b>1,288,688</b>	<b>3.05</b>	<b>2.08</b>	<b>10,330</b>	<b>11,885</b>	<b>13,105</b>	<b>13,975</b>	<b>1.57</b>	<b>1.36</b>
<b>South Atlantic .....</b>	<b>385,340</b>	<b>548,425</b>	<b>646,327</b>	<b>716,033</b>	<b>4.00</b>	<b>2.25</b>	<b>10,559</b>	<b>12,927</b>	<b>14,137</b>	<b>15,009</b>	<b>2.27</b>	<b>1.25</b>
Delaware .....	7,035	9,386	10,898	11,968	3.26	2.05	11,748	14,217	15,033	15,747	2.14	0.86
Maryland .....	52,188	72,690	83,314	90,933	3.75	1.88	12,357	15,727	16,804	17,665	2.72	0.97
Dist. of Col. ....	9,505	10,579	11,596	12,380	1.20	1.32	14,498	17,149	18,801	19,823	1.88	1.21
Virginia .....	59,325	85,349	101,091	112,134	4.12	2.30	11,142	14,189	15,448	16,345	2.72	1.19
West Virginia .....	17,908	17,622	19,292	20,460	-0.18	1.25	9,235	9,393	10,300	10,921	0.19	1.26
North Carolina .....	54,138	74,500	86,537	94,880	3.61	2.04	9,332	11,481	12,658	13,481	2.33	1.35
South Carolina .....	27,196	35,992	41,553	45,410	3.16	1.96	8,810	10,372	11,513	12,304	1.83	1.43
Georgia .....	52,462	77,764	92,077	102,019	4.47	2.29	9,731	12,262	13,450	14,297	2.60	1.29
Florida .....	105,583	164,543	199,969	225,849	5.05	2.67	11,148	13,340	14,583	15,496	2.01	1.26
<b>E. So. Central .....</b>	<b>132,868</b>	<b>158,657</b>	<b>182,226</b>	<b>198,536</b>	<b>1.99</b>	<b>1.89</b>	<b>9,129</b>	<b>10,340</b>	<b>11,482</b>	<b>12,272</b>	<b>1.39</b>	<b>1.44</b>
Kentucky .....	34,414	38,398	43,451	47,050	1.22	1.71	9,445	10,304	11,402	12,179	0.97	1.40
Tennessee .....	42,849	54,519	64,129	70,694	2.71	2.19	9,452	11,138	12,370	13,192	1.84	1.42
Alabama .....	34,953	42,329	47,973	51,856	2.15	1.71	9,033	10,318	11,453	12,247	1.49	1.44
Mississippi .....	20,652	23,411	26,673	28,936	1.40	1.78	8,235	8,936	9,927	10,631	0.91	1.46
<b>E. So. Central .....</b>	<b>249,406</b>	<b>299,025</b>	<b>342,865</b>	<b>374,119</b>	<b>2.04</b>	<b>1.88</b>	<b>10,720</b>	<b>11,122</b>	<b>12,334</b>	<b>13,206</b>	<b>0.41</b>	<b>1.44</b>
Arkansas .....	20,155	23,498	26,881	29,183	1.72	1.82	8,882	9,812	10,858	11,594	1.11	1.40
Louisiana .....	40,588	43,531	47,974	51,293	0.78	1.38	8,806	9,876	10,928	11,680	0.08	1.41
Oklahoma .....	31,791	34,689	39,661	43,319	0.97	1.87	10,704	10,700	12,010	12,937	0.00	1.59
Texas .....	156,872	197,307	228,349	250,324	2.58	2.00	11,296	11,716	12,951	13,851	0.41	1.41
<b>West .....</b>	<b>533,554</b>	<b>699,906</b>	<b>835,362</b>	<b>930,824</b>	<b>3.06</b>	<b>2.40</b>	<b>12,608</b>	<b>13,811</b>	<b>14,983</b>	<b>15,844</b>	<b>1.02</b>	<b>1.15</b>
<b>Mountain .....</b>	<b>121,826</b>	<b>155,856</b>	<b>187,764</b>	<b>210,863</b>	<b>2.77</b>	<b>2.55</b>	<b>10,952</b>	<b>11,894</b>	<b>12,853</b>	<b>13,698</b>	<b>0.73</b>	<b>1.33</b>
Montana .....	8,221	8,339	9,503	10,285	0.16	1.76	10,417	10,364	11,654	12,474	0.06	1.56
Idaho .....	9,321	10,145	11,863	13,072	0.95	2.13	9,995	10,119	11,325	12,181	0.14	1.56
Wyoming .....	5,898	5,251	5,712	6,120	-1.28	1.28	13,053	10,956	12,059	12,898	-1.93	1.37
Colorado .....	34,435	43,644	51,844	57,942	2.67	2.39	12,086	13,220	14,418	15,311	1.00	1.23
New Mexico .....	12,217	15,122	18,098	20,202	2.40	2.44	9,540	10,037	11,163	11,949	0.57	1.46
Arizona .....	28,065	41,970	51,862	58,991	4.57	2.88	10,636	12,029	13,105	13,926	1.38	1.23
Utah .....	13,414	16,545	19,934	22,549	2.36	2.61	9,472	9,791	10,827	11,605	0.37	1.43
Nevada .....	10,255	14,840	18,948	21,702	4.19	3.22	13,403	14,076	15,058	15,855	0.55	1.00
<b>Pacific .....</b>	<b>411,728</b>	<b>544,050</b>	<b>647,598</b>	<b>719,961</b>	<b>3.14</b>	<b>2.36</b>	<b>13,199</b>	<b>14,566</b>	<b>15,740</b>	<b>16,607</b>	<b>1.10</b>	<b>1.10</b>
Washington .....	50,494	61,480	72,889	80,747	2.21	2.30	12,583	13,228	14,447	15,316	0.56	1.23
Oregon .....	30,253	33,069	38,749	42,693	0.99	2.15	11,734	11,953	13,091	13,908	0.21	1.27
California .....	313,012	426,707	509,527	567,566	3.50	2.41	13,460	15,070	16,241	17,113	1.26	1.06
Alaska .....	6,421	8,025	8,681	9,277	2.51	1.22	16,090	15,302	16,075	16,765	-0.56	0.76
Hawaii .....	11,548	14,769	17,752	19,678	2.77	2.42	12,156	13,449	14,477	15,219	1.13	1.04

<sup>1</sup> Based on U.S. Bureau of the Census population as of July 1.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 1990.



### No. 715. Personal Income and Personal Income Per Capita for Selected Metropolitan Areas: 1985 to 1988

[As defined June 30, 1990, CMSA=Consolidated Metropolitan Statistical Area; NECMA=New England County Metropolitan Area; MSA=Metropolitan Statistical Area. See text, section 1 and Appendix II]

METROPOLITAN AREA, RANKED BY 1988 POPULATION <sup>1</sup>	PERSONAL INCOME				PER CAPITA PERSONAL INCOME			
	1985 (mil. dol.)	1987 (mil. dol.)	1988 (mil. dol.)	Annual percent change, 1987-88	1985 (dol.)	1987 (dol.)	1988 (dol.)	Percent of national average, 1988
United States <sup>2</sup> . . . . .	3,317,545	3,766,092	4,053,282	7.6	13,899	15,472	16,490	(X)
New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA <sup>3</sup> . . . . .	317,259	366,904	398,330	8.6	17,837	20,446	22,148	134.3
Los Angeles-Anaheim-Riverside, CA CMSA . . . . .	205,721	241,923	260,773	7.8	16,123	17,976	18,938	114.8
Chicago-Gary-Lake County (IL), IL-IN-WI CMSA . . . . .	126,297	142,695	154,202	8.1	15,630	17,518	18,849	114.3
San Francisco-Oakland-San Jose, CA CMSA . . . . .	110,314	125,127	135,838	8.6	19,011	21,037	22,483	136.3
Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA . . . . .	88,854	102,652	111,182	8.3	15,355	17,367	18,644	113.1
Detroit-Ann Arbor, MI CMSA . . . . .	71,792	80,825	86,425	6.9	15,634	17,489	18,706	113.4
Boston-Lawrence-Salem-Lowell-Brockton, MA NECMA . . . . .	64,539	75,877	83,110	9.5	17,391	20,355	22,248	134.9
Dallas-Fort Worth, TX CMSA . . . . .	58,213	63,924	67,353	5.4	16,510	17,127	17,884	108.5
Washington, DC-MD-VA MSA . . . . .	66,042	78,664	86,539	10.0	18,904	21,527	23,175	140.5
Houston-Galveston-Brazoria, TX CMSA . . . . .	54,355	54,721	58,732	7.3	15,076	15,109	16,129	97.8
Miami-Fort Lauderdale, FL CMSA . . . . .	43,484	50,367	54,975	9.1	15,180	17,073	18,322	111.1
Cleveland-Akron-Lorain, OH CMSA . . . . .	40,581	44,795	47,860	6.8	14,636	16,137	17,284	104.8
Atlanta, GA MSA . . . . .	38,186	46,357	50,354	8.6	15,464	17,453	18,400	111.6
St. Louis, MO-IL MSA . . . . .	36,565	41,210	43,922	6.6	15,095	16,783	17,806	108.0
Seattle-Tacoma, WA CMSA . . . . .	35,455	41,216	44,877	8.9	15,754	17,529	18,538	112.4
Minneapolis-St. Paul, MN-WI MSA . . . . .	37,089	42,661	46,248	8.4	16,398	18,272	19,371	117.5
San Diego, CA MSA . . . . .	32,190	38,075	41,661	9.4	15,095	16,654	17,576	106.6
Baltimore, MD MSA . . . . .	35,204	41,004	44,531	8.8	15,635	17,746	19,010	115.3
Pittsburgh-Beaver Valley, PA CMSA . . . . .	31,972	34,713	37,022	6.7	13,696	15,145	16,208	98.3
Phoenix, AZ MSA . . . . .	26,491	31,725	34,126	7.6	14,582	16,039	16,815	102.0
Tampa-St. Petersburg-Clearwater, FL MSA . . . . .	25,862	30,141	32,738	8.6	13,826	15,407	16,409	99.5
Denver-Boulder, CO CMSA . . . . .	30,067	32,316	33,919	5.0	16,448	17,409	18,256	110.7
Cincinnati-Hamilton, OH-KY-IN CMSA . . . . .	23,017	26,405	28,392	7.5	13,690	15,354	16,426	99.6
Kansas City, MO-KS MSA . . . . .	22,370	25,248	26,905	6.6	14,922	16,280	17,078	103.6
Milwaukee-Racine, WI CMSA . . . . .	23,266	25,877	27,858	7.7	14,988	16,614	17,724	107.5
Portland-Vancouver, OR-WA CMSA . . . . .	18,979	21,233	23,258	9.5	14,058	15,338	16,446	99.7
Sacramento, CA MSA . . . . .	18,253	21,774	23,617	8.5	14,531	16,280	17,050	103.4
Norfolk-Virginia Beach-Newport News, VA MSA . . . . .	18,717	19,471	20,774	6.7	13,058	14,424	15,051	91.3
Columbus, OH MSA . . . . .	17,699	20,295	21,846	7.6	13,755	15,309	16,251	98.6
San Antonio, TX MSA . . . . .	15,487	16,777	17,778	6.0	12,474	12,750	13,436	81.5
New Orleans, LA MSA . . . . .	16,981	17,434	18,342	5.2	12,769	13,231	14,034	85.1
Indianapolis, IN MSA . . . . .	16,885	19,534	21,006	7.5	14,031	15,945	16,987	103.0
Buffalo-Niagara Falls, NY CMSA . . . . .	16,033	17,642	18,918	7.2	13,531	15,057	16,093	97.6
Providence-Pawtucket-Woonsocket, RI NECMA . . . . .	12,048	13,943	15,135	8.5	13,648	15,458	16,668	101.1
Charlotte-Gastonia-Rock Hill, NC-SC MSA . . . . .	13,935	16,688	18,179	8.9	13,230	15,310	16,348	99.1
Hartford-New Britain-Middletown-Bristol, CT NECMA . . . . .	18,716	22,429	24,432	8.9	17,392	20,423	22,041	133.7
Salt Lake City-Ogden, UT MSA . . . . .	11,909	13,176	13,841	5.8	11,615	12,476	13,090	79.4
Rochester, NY MSA . . . . .	14,943	16,477	17,910	8.7	15,318	16,915	18,273	110.8
Memphis, TN-AR-MS MSA . . . . .	11,910	13,999	15,136	8.1	12,534	14,468	15,456	93.7
Nashville, TN MSA . . . . .	12,187	14,723	15,799	7.3	13,378	15,372	16,258	98.6
Orlando, FL MSA . . . . .	11,829	14,544	16,049	10.3	13,712	15,518	16,525	100.2
Louisville, KY-IN MSA . . . . .	12,473	14,132	15,164	7.3	12,945	14,616	15,682	95.1
Oklahoma City, OK MSA . . . . .	13,214	13,390	14,083	5.2	13,498	13,841	14,612	88.6
Dayton-Springfield, OH MSA . . . . .	12,746	14,142	15,269	8.0	13,697	15,013	16,107	97.7
Greensboro-Winston-Salem-High Point, NC MSA . . . . .	12,110	14,089	15,364	9.0	13,541	15,395	16,614	100.8
Birmingham, AL MSA . . . . .	11,166	12,751	13,664	7.2	12,345	13,854	14,798	89.7
Jacksonville, FL MSA . . . . .	10,911	12,668	13,877	7.8	13,219	14,657	15,452	93.7
Albany-Schenectady-Troy, NY MSA . . . . .	11,782	13,591	14,718	8.3	14,041	16,118	17,299	104.9

X Not applicable. <sup>1</sup> For 1988 population, see table 36. <sup>2</sup> Includes other areas not listed separately. <sup>3</sup> Includes Bridgeport-Stamford-Norwalk-Danbury, CT NECMA.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, April issues, and unpublished data.

**No. 716. Percent Distribution and Average Annual Percent Change of Shares of National Income, by Type: 1970 to 1989**

[For definition of average annual percent change, see Guide to Tabular Presentation]

TYPE OF INCOME	PERCENT DISTRIBUTION							AVERAGE ANNUAL PERCENT CHANGE		
	1970	1980	1985	1986	1987	1988	1989	1970-1980	1980-1989	1988-1989
<b>National income, total.</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>10.2</b>	<b>7.5</b>	<b>6.0</b>
Compensation of employees	74.3	74.3	73.2	73.6	73.4	72.9	72.9	10.2	7.3	6.0
Wages and salaries	66.2	62.3	61.1	61.4	61.5	61.0	60.9	9.5	7.2	5.8
Supplements to wages, salaries	8.0	12.1	12.1	12.2	11.9	11.9	12.0	14.8	7.4	6.7
Proprietors' income	9.6	8.2	7.9	8.3	8.8	8.9	9.0	8.5	8.6	7.1
Farm	1.8	0.9	0.9	1.0	1.2	1.1	1.2	3.4	10.1	11.2
Nonfarm	7.9	7.3	7.0	7.2	7.7	7.8	7.8	9.4	8.4	6.5
Rental income of persons	2.2	0.3	0.3	0.3	0.4	0.4	0.2	-9.7	2.4	-49.7
Corporate profits	9.0	8.0	8.7	8.3	8.4	8.5	7.4	9.0	6.5	-7.7
Profits before tax	9.1	10.8	6.9	6.5	7.5	7.9	7.3	12.1	2.9	-2.8
Profits after tax	5.0	6.9	4.0	3.4	4.1	4.5	4.1	13.8	1.4	-4.4
Inventory valuation adjustment	-0.8	-2.0	(-2)	0.2	-0.5	-0.7	-0.5	(NS)	(NS)	(NS)
Capital consumption adjustment	0.6	-0.8	1.8	1.6	1.4	1.2	0.6	(NS)	(NS)	(NS)
Net interest	4.9	9.1	9.9	9.5	9.0	9.3	10.5	17.2	9.2	19.7

NS Percent change irrelevant or insignificant. Z Less than .05 percent. <sup>1</sup> With inventory valuation and capital consumption adjustments. <sup>2</sup> With capital consumption adjustment.

Source: Compiled by U.S. Bureau of the Census; based on data from U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-82*, and *Survey of Current Business*, July issues.

**No. 717. Flow of Funds Accounts—Composition of Individuals' Savings: 1970 to 1989**

[In billions of dollars. Combined statement for households, farm and nonfarm, noncorporate business, nonprofit organizations, and personal trusts. Minus sign (-) indicates decrease. See *Historical Statistics, Colonial Times to 1970*, series F 566-594, for similar but not exactly comparable data.]

COMPOSITION OF SAVINGS	1970	1975	1980	1984	1985	1986	1987	1988	1989
<b>Increase in financial assets</b>	<b>80.7</b>	<b>176.4</b>	<b>321.3</b>	<b>563.7</b>	<b>568.0</b>	<b>561.2</b>	<b>512.1</b>	<b>549.5</b>	<b>595.1</b>
Checkable deposits and currency	8.7	6.0	8.9	23.0	32.6	94.8	22.8	8.5	12.1
Time and savings deposits	43.5	77.6	124.9	229.6	133.0	106.5	97.8	159.6	134.4
Money market fund shares	-	1.3	24.5	44.0	12.1	33.0	21.4	18.1	84.9
Securities	0.5	9.3	9.0	72.8	137.7	51.1	144.7	75.1	114.1
U.S. savings bonds	0.3	4.0	-7.3	3.0	5.3	13.6	7.8	8.5	8.2
Other U.S. Treasury securities	-10.6	14.2	30.3	64.2	53.3	3.8	18.8	48.2	19.3
U.S. Government agency securities	4.6	-5.6	9.4	32.4	24.2	4.8	71.4	72.8	114.7
Tax-exempt obligations	-0.1	5.0	1.1	26.2	38.1	-24.5	42.6	30.7	16.8
Corporate and foreign bonds	9.2	9.6	-18.2	-4.1	4.2	39.3	24.1	-4.1	24.3
Open-market paper	-2.2	-11.7	3.7	4.4	47.0	-2.2	4.8	34.8	8.0
Mutual fund shares	2.0	-0.4	1.1	24.0	68.5	141.4	73.1	-1.7	28.3
Other corporate equities	-2.8	-5.8	-11.0	-77.3	-102.8	-125.0	-97.9	-114.0	-105.4
Private life insurance reserves	5.2	7.9	9.7	5.0	10.4	17.2	25.7	24.9	27.6
Private insured pension reserves	2.9	8.7	22.3	46.7	63.4	82.5	70.6	88.8	86.8
Private noninsured pension reserves	7.2	40.2	51.2	42.1	39.5	24.4	25.0	11.7	-23.3
Government insurance and pension reserves	8.9	15.1	35.3	63.9	72.3	78.7	73.9	84.9	84.8
Miscellaneous financial assets	3.9	10.1	35.4	36.6	67.0	72.9	30.2	78.0	73.8
<b>Gross investment in tangible assets</b>	<b>150.5</b>	<b>236.4</b>	<b>403.4</b>	<b>608.0</b>	<b>640.5</b>	<b>699.5</b>	<b>727.8</b>	<b>773.5</b>	<b>805.7</b>
Owner-occupied homes	28.1	51.9	113.6	155.4	161.4	181.7	204.0	224.3	243.5
Other fixed assets	36.4	45.1	79.6	100.9	101.9	108.5	100.2	89.6	78.2
Consumer durables	85.7	135.4	219.3	335.6	372.2	406.0	421.1	455.2	473.3
Inventories	0.4	4.0	-9.1	16.1	5.0	3.4	2.4	4.4	10.7
<b>Capital consumption allowances</b>	<b>102.9</b>	<b>173.0</b>	<b>311.1</b>	<b>399.3</b>	<b>424.8</b>	<b>456.3</b>	<b>490.5</b>	<b>517.0</b>	<b>549.5</b>
Owner-occupied homes	13.5	24.4	47.0	60.0	64.4	67.1	70.0	73.0	76.0
Other fixed assets	23.7	41.6	76.8	102.6	105.9	108.7	115.2	120.4	132.9
Consumer durables	65.8	107.0	187.4	236.7	254.6	280.6	305.4	323.7	340.7
<b>Net investment in tangible assets</b>	<b>47.6</b>	<b>63.4</b>	<b>92.3</b>	<b>208.7</b>	<b>215.7</b>	<b>243.2</b>	<b>237.1</b>	<b>256.5</b>	<b>256.1</b>
Owner-occupied homes	14.6	27.5	66.6	95.4	97.1	114.6	134.0	151.3	167.5
Other fixed assets	12.7	3.5	2.9	-1.6	-4.0	-0.2	-15.0	-30.7	-54.6
Consumer durables	19.9	28.4	31.9	98.8	117.6	125.4	115.7	131.6	132.6
Inventories	0.4	4.0	-9.1	16.1	5.0	3.4	2.4	4.4	10.7
<b>Net increase in liabilities</b>	<b>38.7</b>	<b>80.7</b>	<b>209.3</b>	<b>381.0</b>	<b>437.5</b>	<b>395.2</b>	<b>372.0</b>	<b>390.6</b>	<b>360.2</b>
Mortgage debt on nonfarm homes	13.5	38.8	96.4	136.7	157.0	216.8	234.0	230.9	217.2
Other mortgage debt	16.4	16.8	57.4	87.4	103.1	71.2	75.0	61.4	51.0
Consumer credit	4.6	8.0	2.6	81.6	82.5	58.0	32.9	51.1	39.1
Security credit	-1.8	0.7	7.2	-2.4	19.4	8.2	-15.3	3.1	0.8
Other liabilities	3.7	14.7	38.9	77.3	75.6	41.2	45.5	43.0	48.8
<b>Individuals' saving</b>	<b>89.6</b>	<b>159.1</b>	<b>204.4</b>	<b>391.4</b>	<b>346.1</b>	<b>409.2</b>	<b>377.2</b>	<b>415.4</b>	<b>491.0</b>
Less: Government insurance and pension reserve	8.9	15.1	35.3	63.9	72.3	78.7	73.9	84.9	84.8
Net investment in consumer durables	19.9	28.4	31.9	98.8	117.6	125.4	115.7	131.6	132.6
Capital gains dividends from mutual funds	0.9	0.2	1.8	6.0	4.9	17.5	22.4	6.3	15.0
Net saving by farm corporations	(Z)	0.5	0.5	0.7	0.9	0.6	0.9	1.4	1.8
<b>Equals: Personal saving, flow of funds basis</b>	<b>59.9</b>	<b>114.8</b>	<b>134.9</b>	<b>221.9</b>	<b>150.5</b>	<b>167.0</b>	<b>164.3</b>	<b>191.3</b>	<b>256.8</b>

- Represents or rounds to zero. Z Less than \$50 million. <sup>1</sup> Includes corporate farms. <sup>2</sup> Includes items not shown separately. <sup>3</sup> Personal saving on national income account basis measures personal saving as income less taxes and consumption; flow-of-funds basis measures the same concept from acquisition of assets less borrowing.

Source: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts*, quarterly.

## No. 718. Average Annual Income

(In dollars. Based on Consumer Expenditure Survey, integrated data from the interview and diary surveys; see text, section for the noninstitutional population. Second, expenditures reported here are

Line no.	CHARACTERISTIC	Income before taxes	Total expenditures	Food, total	FOOD AT HOME					Food away from home	Alcoholic beverages
					Total <sup>2</sup>	Cereal and bakery products	Meats, poultry, fish, and eggs	Dairy products	Fruits and vegetables		
1	All consumer units. . . . .	28,540	25,892	3,748	2,136	312	551	274	373	1,612	269
2	Age of reference person:										
3	Under 25 years old . . . . .	14,827	16,373	2,455	1,121	166	249	152	176	1,334	312
4	25 to 34 years old . . . . .	28,318	25,770	3,664	2,046	291	506	276	328	1,618	355
5	35 to 44 years old . . . . .	36,428	33,078	4,636	2,599	387	661	333	434	2,037	281
6	45 to 54 years old . . . . .	39,934	33,205	4,815	2,605	387	675	329	450	2,210	307
7	55 to 64 years old . . . . .	29,979	25,765	3,952	2,355	334	648	295	433	1,597	239
8	65 to 74 years old . . . . .	20,704	20,120	3,013	1,933	277	533	236	390	1,081	162
9	75 years old and over . . . . .	13,707	13,339	1,939	1,373	215	357	175	290	566	89
9	Region of residence:										
10	Northeast . . . . .	29,774	26,348	3,993	2,212	341	606	277	398	1,781	272
11	Midwest . . . . .	27,436	24,763	3,660	2,084	304	529	268	355	1,577	273
12	South . . . . .	27,329	24,671	3,553	2,039	287	539	264	351	1,514	229
13	West . . . . .	30,624	28,830	3,924	2,282	334	541	296	406	1,643	326
13	Size of consumer unit:										
14	One person . . . . .	16,090	15,671	2,087	989	143	233	128	190	1,099	278
15	Two persons or more . . . . .	33,540	29,875	4,398	2,585	378	676	332	445	1,813	265
16	Two persons . . . . .	30,444	26,350	3,600	2,022	282	534	252	384	1,578	278
17	Three persons . . . . .	33,862	30,446	4,402	2,522	368	650	321	433	1,880	268
18	Four persons . . . . .	38,944	34,455	5,207	3,071	466	792	402	506	2,137	261
19	Five persons or more . . . . .	34,417	32,706	5,550	3,621	550	960	480	554	1,928	229
19	Single consumers:										
20	No earner . . . . .	8,825	10,327	1,637	1,080	160	264	140	231	558	105
21	One earner . . . . .	19,757	18,520	2,318	943	134	217	121	168	1,375	365
21	Consumer units of two or more persons:										
22	No earner . . . . .	15,876	16,943	2,811	2,049	311	570	249	389	762	121
23	One earner . . . . .	26,511	24,904	3,861	2,468	355	660	320	428	1,393	205
24	Two earners . . . . .	38,742	33,013	4,534	2,521	364	638	327	430	2,014	317
25	Three or more . . . . .	46,963	40,476	6,077	3,374	510	896	428	559	2,703	312
25	Husband and wife consumer units:										
26	Total husband and wife consumer units. . . . .	37,299	32,314	4,727	2,761	407	710	353	475	1,967	263
27	Husband and wife only . . . . .	33,825	27,955	3,815	2,148	302	558	266	413	1,667	259
28	Husband and wife with children:										
29	Oldest child under 6 . . . . .	34,318	30,943	4,077	2,516	346	595	340	427	1,561	273
30	Oldest child 6 to 17 . . . . .	38,039	35,248	5,473	3,268	515	813	431	509	2,205	244
31	Oldest child 18 or over . . . . .	45,596	37,764	5,966	3,313	484	929	408	546	2,653	299
31	One parent, at least one child under 18 years . . . . .	16,276	18,616	3,005	1,931	291	511	256	314	1,074	167
32	Single person and other . . . . .	18,509	17,951	2,452	1,265	179	328	163	235	1,187	292
32	Occupation of reference person:										
33	Self employed workers . . . . .	32,320	31,953	4,131	2,355	353	593	308	410	1,776	265
34	Wage and salary earners:										
35	Managers and professionals. . . . .	45,088	36,703	4,758	2,357	347	566	302	422	2,401	362
36	Technical, sales, and clerical workers . . . . .	30,756	27,973	3,858	2,091	299	543	263	353	1,767	317
37	Service workers . . . . .	19,268	19,941	3,212	1,800	256	480	228	308	1,413	278
38	Construction workers and mechanics. . . . .	31,497	28,332	4,256	2,411	352	620	315	385	1,845	297
39	Operators, fabricators and laborers . . . . .	26,507	23,124	3,711	2,262	324	606	300	372	1,449	258
40	Retired . . . . .	16,486	16,657	2,633	1,779	268	461	231	352	854	157
39	Income before taxes:										
40	Complete reporters of income <sup>1</sup> . . . . .	28,540	26,389	3,804	2,177	317	560	278	376	1,627	282
41	Quintiles of income:										
42	Lowest 20 percent . . . . .	4,942	10,893	1,950	1,322	194	347	164	247	628	144
43	Second 20 percent . . . . .	12,872	16,880	2,815	1,831	269	499	234	323	984	185
44	Third 20 percent . . . . .	22,570	23,290	3,545	2,074	303	521	272	352	1,471	264
45	Fourth 20 percent . . . . .	34,974	32,084	4,633	2,570	371	636	337	442	2,063	343
46	Highest 20 percent . . . . .	67,199	48,718	6,071	3,084	447	795	381	517	2,987	472
47	Incomplete reporting of income . . . . .	( <sup>1</sup> )	23,360	3,545	1,977	293	517	260	360	1,568	219

<sup>1</sup> Income values derived from "complete income reporters" only. Represents the combined income of all consumer unit members 14 years or over during the 12 months preceding the interview. A complete reporter is a consumer unit providing values for at least one of the major sources of income. <sup>2</sup> Includes other amounts not shown separately. <sup>3</sup> Includes household equipment.

## and Expenditures of All Consumer Units: 1988

14 for description. In interpreting the expenditure data, several factors should be considered. First, the data are averages out-of-pocket expenditures]

HOUSING					TRANSPORTATION				Health care	Pensions and Social Security	Other expenditures <sup>5</sup>	Personal taxes	Line No.
Total	Shelter	Fuel, utilities, and public services	Household operations and furnishings <sup>3</sup>	House-keeping supplies	Apparel and services	Vehicle purchases	Gasoline and motor oil	All other transportation <sup>4</sup>					
8,079	4,493	1,747	1,477	361	1,489	2,361	932	1,800	1,298	1,935	3,982	2,391	1
4,746	3,004	897	686	166	1,042	2,039	659	1,213	523	926	2,458	1,008	2
8,469	4,942	1,545	1,635	347	1,504	2,794	923	1,763	777	2,052	3,469	2,390	3
10,467	6,147	2,023	1,885	411	2,015	2,931	1,152	2,287	1,253	2,756	5,299	3,201	4
9,672	5,232	2,173	1,818	450	2,112	3,016	1,248	2,376	1,258	2,991	5,410	3,355	5
7,757	3,929	1,935	1,510	383	1,355	1,749	970	1,883	1,518	2,191	4,152	2,653	6
6,178	3,018	1,739	1,039	382	977	1,849	729	1,397	2,005	682	3,129	1,021	7
4,682	2,276	1,393	764	249	451	667	367	725	2,230	119	2,071	822	8
8,591	4,993	1,797	1,461	340	1,619	2,111	812	1,910	1,238	1,952	3,851	2,406	9
7,499	3,897	1,761	1,435	406	1,465	2,403	893	1,653	1,257	1,870	3,788	2,270	10
7,352	3,834	1,827	1,359	331	1,406	2,487	1,025	1,631	1,372	1,803	3,813	2,313	11
9,461	5,797	1,548	1,741	375	1,521	2,359	952	2,147	1,289	2,215	4,636	2,644	12
5,335	3,363	1,084	693	195	893	1,099	518	1,122	834	1,048	2,458	1,502	13
9,147	4,932	2,005	1,783	426	1,722	2,852	1,093	2,064	1,478	2,280	4,577	2,748	14
8,148	4,420	1,794	1,555	378	1,325	2,581	916	1,906	1,607	1,927	4,063	2,809	15
9,503	5,105	2,013	1,929	456	1,859	2,851	1,112	2,098	1,409	2,375	4,568	2,779	16
10,462	5,632	2,213	2,155	462	2,010	3,241	1,279	2,299	1,425	2,809	5,462	3,069	17
9,627	5,157	2,315	1,689	466	2,246	3,088	1,313	2,140	1,287	2,406	4,823	2,067	18
4,034	2,174	1,116	547	196	563	517	288	579	1,231	31	1,343	195	19
6,033	4,003	1,067	768	194	1,065	1,412	642	1,414	621	1,596	3,054	2,161	20
5,658	2,796	1,612	915	335	760	972	559	1,045	1,964	20	3,034	574	21
8,236	4,413	1,907	1,515	401	1,345	2,095	889	1,648	1,344	1,587	3,695	1,910	22
10,231	5,680	2,015	2,106	430	1,901	3,356	1,185	2,262	1,403	2,965	4,857	3,544	23
10,629	5,562	2,519	2,026	522	2,571	4,404	1,672	3,139	1,493	3,524	6,656	3,868	24
9,731	5,174	2,100	1,994	463	1,829	3,109	1,188	2,226	1,658	2,579	5,003	3,127	25
8,453	4,433	1,873	1,738	409	1,395	2,743	964	1,988	1,837	2,127	4,374	3,115	26
10,808	5,772	1,841	2,719	477	1,764	3,224	1,054	1,971	1,206	2,502	4,065	2,585	27
10,850	6,003	2,197	2,159	491	2,182	3,054	1,279	2,236	1,479	2,878	5,572	3,046	28
9,819	4,901	2,533	1,852	533	2,171	3,894	1,624	2,895	1,659	3,237	6,200	3,888	29
7,113	4,249	1,482	1,112	271	1,383	1,174	558	1,132	578	982	2,524	955	30
5,903	3,576	1,295	805	227	1,019	1,495	631	1,305	903	1,180	2,771	1,611	31
10,009	5,503	2,177	1,937	392	1,689	2,763	1,169	2,103	2,075	2,563	5,187	2,070	32
11,584	6,689	2,038	2,408	449	2,276	3,269	1,118	2,669	1,242	3,497	5,927	4,933	33
8,664	5,088	1,693	1,541	342	1,702	2,854	969	2,009	1,034	2,282	4,283	2,785	34
6,247	3,548	1,495	923	281	1,177	1,833	786	1,384	913	1,376	2,734	1,179	35
8,258	4,446	1,820	1,607	385	1,494	3,272	1,251	1,844	1,040	2,372	4,246	2,575	36
6,645	3,557	1,642	1,114	332	1,206	2,452	1,116	1,653	1,007	1,891	3,184	1,967	37
5,392	2,612	1,571	883	327	768	1,074	572	1,089	1,962	270	2,739	637	38
8,069	4,470	1,726	1,489	383	1,537	2,388	934	1,819	1,282	2,208	4,065	2,391	39
3,957	2,209	1,121	455	173	574	588	459	613	831	159	1,620	88	40
5,510	2,982	1,432	793	302	901	1,422	659	1,061	1,320	626	2,383	563	41
7,051	3,850	1,675	1,171	354	1,356	2,282	926	1,674	1,286	1,580	3,326	1,396	42
9,370	5,171	1,928	1,807	464	1,826	3,334	1,204	2,306	1,425	3,007	4,636	2,849	43
14,434	8,126	2,473	3,216	620	3,025	4,308	1,420	3,430	1,550	5,656	8,351	7,042	44
8,236	4,628	1,875	1,455	277	1,310	2,194	920	1,716	1,397	289	3,535	( <sup>1</sup> )	45

<sup>4</sup> Includes other vehicle expenses and public transportation. <sup>5</sup> Includes life insurance, entertainment, personal care, reading, education, tobacco and smoking supplies, cash contributions, and miscellaneous expenditures. For data on entertainment and reading, see table 393.

Source: U.S. Bureau of Labor Statistics, *Consumer Expenditures in 1988*. (BLS News Release, U.S.D.L.: 90-96.)

**No. 719. Average Annual Expenditures of All Consumer Units: 1984 to 1988**

[In dollars, except as indicated. For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (-) indicates decrease. See headnote, table 718]

ITEM	1984	1985	1986	1987	1988	AVERAGE ANNUAL PERCENT CHANGE	
						1984-88	1987-88
<b>All consumer units (1,000)</b> .....	<b>90,223</b>	<b>91,584</b>	<b>94,044</b>	<b>94,150</b>	<b>94,862</b>	<b>1.3</b>	<b>0.8</b>
Total expenditures .....	21,975	23,490	23,866	24,414	25,892	4.2	6.1
Food, total .....	3,290	3,477	3,448	3,664	3,748	3.3	2.3
Food at home, total .....	1,970	2,037	1,993	2,099	2,136	2.0	1.8
Cereal and bakery products .....	262	283	275	299	312	4.5	4.3
Meats, poultry, fish, and eggs .....	586	579	562	572	551	-1.5	-3.7
Dairy products .....	253	266	251	274	274	2.0	-
Fruits and vegetables .....	313	322	320	356	373	4.5	4.8
Food away from home .....	1,320	1,441	1,455	1,565	1,612	5.1	3.0
Alcoholic beverages .....	275	306	271	289	269	-0.5	-6.9
Tobacco products and smoking supplies .....	228	219	230	232	242	1.5	4.3
Housing, total .....	6,674	7,087	7,292	7,589	8,079	4.9	6.7
Shelter .....	3,489	3,833	3,979	4,154	4,493	6.5	8.2
Fuels, utilities, and public services .....	1,638	1,648	1,645	1,671	1,747	1.6	4.5
Household operations and furnishings .....	1,241	1,282	1,352	1,403	1,477	4.4	5.3
Housekeeping supplies .....	307	325	316	341	361	4.1	5.9
Apparel and services .....	1,319	1,420	1,346	1,446	1,489	3.1	3.0
Transportation, total .....	4,304	4,587	4,842	4,600	5,093	4.3	10.7
Vehicles .....	1,813	2,043	2,338	2,022	2,361	6.8	16.8
Gasoline and motor oil .....	1,058	1,035	915	888	932	-3.1	5.0
Other transportation .....	1,433	1,509	1,590	1,690	1,800	5.9	6.5
Health care .....	1,049	1,108	1,135	1,135	1,298	5.5	14.4
Life insurance .....	300	278	292	294	314	1.1	6.8
Pensions and Social Security .....	1,598	1,738	1,834	1,881	1,935	4.9	2.9
Other expenditures .....	2,936	3,269	3,174	3,305	3,426	3.9	3.7

- Represents or rounds to zero. <sup>1</sup> Includes other items not shown separately. <sup>2</sup> Includes other vehicles and public transportation. <sup>3</sup> Includes entertainment, personal care, reading, education, cash contributions, and miscellaneous expenditures. For data on entertainment and reading, see table 393.

**No. 720. Average Annual Expenditures of All Consumer Units for Selected Metropolitan Statistical Areas: 1988**

[In dollars. Metropolitan areas defined June 30, 1983. CMSA=Consolidated Metropolitan Statistical Area; MSA=Metropolitan Statistical Area; PMSA=Primary Metropolitan Statistical Area. See text, section 1 and Appendix II. Based on Consumer Expenditure Survey, integrated data from the interview and Diary surveys, see headnote, table 719]

METROPOLITAN STATISTICAL AREA	Total expenditures	Food	HOUSING		Apparel and services	TRANSPORTATION			Health care
			Total <sup>1</sup>	Shelter		Total <sup>1</sup>	Vehicle purchases	Gasoline and motor oil	
Anchorage, AK MSA .....	35,623	4,323	12,123	8,614	1,941	6,107	2,216	1,073	1,139
Atlanta, GA MSA .....	28,478	3,472	9,462	5,876	1,827	5,578	2,608	1,023	1,284
Baltimore, MD MSA .....	25,689	4,192	8,027	4,658	1,610	4,930	2,386	754	1,093
Boston-Lawrence-Salem, MA-NH CMSA .....	29,402	3,973	9,861	6,473	1,968	5,966	3,098	862	907
Buffalo-Niagara Falls, NY CMSA .....	20,047	3,956	6,087	3,252	1,326	4,048	1,995	676	864
Chicago-Gary-Lake County, IL-IN-WI CMSA .....	29,444	4,389	9,544	5,269	1,989	5,391	2,376	876	1,274
Cincinnati-Hamilton, OH-KY-IN CMSA .....	25,302	4,097	7,634	3,775	1,555	5,058	2,367	879	1,062
Cleveland-Akron-Lorain, OH CMSA .....	27,732	4,012	7,462	3,610	1,782	6,084	2,960	941	1,225
Dallas-Fort Worth, TX CMSA .....	30,738	4,006	8,953	4,952	2,065	6,384	3,061	1,145	1,874
Detroit-Ann Arbor, MI CMSA .....	26,755	3,865	8,372	4,609	2,034	5,594	2,529	999	1,031
Honolulu, HI MSA .....	32,164	5,126	9,386	6,196	1,927	6,023	2,730	856	1,115
Houston-Galveston-Braxoria, TX CMSA .....	29,903	4,279	9,197	5,143	1,908	4,964	1,733	1,206	1,436
Kansas City, MO-KS MSA .....	28,076	3,645	8,489	4,718	1,464	5,696	2,769	940	1,345
Los Angeles-Long Beach, CA PMSA .....	30,187	4,224	10,875	6,888	1,695	5,128	1,898	984	1,182
Miami-Fort Lauderdale, FL CMSA .....	28,966	4,872	9,277	5,693	1,399	6,200	3,088	900	1,401
Milwaukee, WI PMSA .....	25,012	3,982	8,488	5,111	1,593	4,343	2,035	757	1,134
Minneapolis-St. Paul, MN-WI MSA .....	27,432	3,752	9,227	5,640	1,826	5,063	2,190	937	1,009
New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA .....	29,489	4,484	10,191	6,023	2,270	4,677	1,736	731	1,406
Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA .....	27,672	4,262	8,942	5,156	1,865	4,700	1,986	791	1,056
Pittsburgh-Beaver Valley, PA CMSA .....	22,136	3,403	6,694	3,335	1,366	4,582	2,256	747	1,058
Portland-Vancouver, OR-WA CMSA .....	24,431	3,939	7,961	4,890	1,197	4,231	1,700	770	1,276
San Diego, CA MSA .....	31,149	3,952	10,493	6,642	1,956	5,985	2,787	1,028	1,104
San Francisco-Oakland-San Jose, CA CMSA .....	32,192	4,422	11,174	7,629	1,813	5,600	2,197	888	1,071
Seattle-Tacoma, WA CMSA .....	29,170	4,234	8,898	5,043	1,496	5,258	2,188	940	1,171
St. Louis, MO-IL MSA .....	25,179	3,757	7,584	3,851	1,494	4,590	2,019	896	1,309
Washington, DC-MD-VA MSA .....	36,255	4,388	12,069	7,488	2,102	6,751	3,443	882	1,365

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

Sources of tables 719 and 720: U.S. Bureau of Labor Statistics, *Consumer Expenditures in 1988*. (BLS News Release, U.S.D.L.: 90-96.)

**No. 721. Money Income of Households—Percent Distribution, by Income Level in Constant (1989) Dollars, by Race and Hispanic Origin of Householder: 1970 to 1989**

[Households as of March of following year. Based on Current Population Survey; see text, sections 1 and 14, and Appendix III. Hispanic persons may be of any race. For definitions of household and race, see text, section 1. For definition of median, see Guide to Tabular Presentation]

RACE AND HISPANIC ORIGIN OF HOUSEHOLDER AND YEAR	Number of house- holds (1,000)	PERCENT DISTRIBUTION, BY INCOME LEVEL							Median income (dol.)
		Under \$10,000	\$10,000- \$14,999	\$15,000- \$24,999	\$25,000- \$34,999	\$35,000- \$49,999	\$50,000- \$74,999	\$75,000 and over	
ALL HOUSEHOLDS <sup>1</sup>									
1970	64,778	16.8	8.9	18.7	19.2	19.6	12.0	4.8	27,913
1975	72,867	16.8	10.4	19.1	17.7	18.7	12.5	4.8	27,197
1980	82,368	17.4	10.1	19.8	17.0	18.2	12.2	5.4	26,651
1985 <sup>2</sup>	88,458	17.2	10.2	19.0	16.3	17.2	13.3	6.8	27,218
1986	89,479	16.7	9.9	18.5	15.6	17.7	13.8	7.7	28,168
1987 <sup>3</sup>	91,124	16.5	9.7	18.2	15.7	17.5	14.2	8.1	28,447
1988	92,830	16.2	9.9	17.9	15.9	17.4	14.3	8.4	28,537
1989	93,347	15.6	9.7	17.9	15.9	17.3	14.5	9.0	28,906
WHITE									
1970	57,575	15.4	8.4	18.2	19.6	20.5	12.7	5.2	29,073
1975	64,392	15.1	10.1	18.8	18.1	19.5	13.3	5.2	28,442
1980	71,872	15.4	9.7	19.7	17.4	19.1	12.9	5.9	28,117
1985 <sup>2</sup>	76,576	15.3	9.8	18.9	16.6	18.0	14.1	7.4	28,704
1986	77,284	14.7	9.5	18.3	16.0	18.4	14.7	8.3	29,614
1987 <sup>3</sup>	78,519	14.3	9.4	18.0	16.2	18.3	15.1	8.7	29,972
1988	79,734	14.0	9.5	17.8	16.4	18.2	15.2	9.0	30,168
1989	80,163	13.6	9.4	17.8	16.2	18.1	15.2	9.6	30,406
BLACK									
1970	6,180	30.0	13.3	23.0	15.0	11.8	5.7	1.2	17,696
1975	7,489	31.8	13.7	21.3	14.9	11.7	5.6	1.0	17,074
1980	8,847	33.3	13.8	20.8	13.9	11.1	5.8	1.3	16,196
1985 <sup>2</sup>	9,797	32.4	13.5	20.3	13.6	11.1	7.1	1.9	17,078
1986	9,922	32.8	12.9	19.5	13.0	12.5	6.6	2.8	17,061
1987 <sup>3</sup>	10,192	33.2	12.4	20.4	12.6	11.3	7.1	2.9	17,107
1988	10,561	32.7	12.9	18.8	12.7	11.8	8.0	3.1	17,198
1989	10,486	31.3	11.9	19.6	13.8	12.0	8.5	3.0	18,083
HISPANIC									
1975	2,948	21.8	14.6	24.5	17.7	14.0	5.8	1.7	20,432
1980	3,906	22.2	13.8	23.8	16.3	14.7	6.9	2.3	20,543
1985 <sup>2</sup>	5,213	24.5	14.4	21.0	16.3	13.0	8.2	2.5	20,127
1986	5,418	23.2	13.9	21.4	15.3	14.1	8.9	3.2	20,763
1987 <sup>3</sup>	5,642	23.7	13.1	21.8	15.2	13.8	8.4	4.0	21,106
1988	5,910	22.6	13.6	21.0	16.1	14.6	8.2	3.9	21,340
1989	5,933	21.5	12.3	21.9	15.8	14.7	9.6	4.2	21,921

<sup>1</sup> Includes other races not shown separately. <sup>2</sup> Beginning 1985, based on revised Hispanic population controls; data not directly comparable with prior years. <sup>3</sup> Beginning 1987, based on revised processing procedures; data not directly comparable with prior years. See text, section 14, and source.

**No. 722. Money Income of Households—Median Household Income in Current and Constant (1989) Dollars, by Race and Hispanic Origin of Householder: 1970 to 1989**

[See headnote, table 721. Minus sign (-) indicates decrease. For definition of median, see Guide to Tabular Presentation]

YEAR	MEDIAN INCOME IN CURRENT DOLLARS (dol.)				MEDIAN INCOME IN CONSTANT (1989) DOLLARS (dol.)				ANNUAL PERCENT CHANGE OF MEDIAN INCOME OF ALL HOUSEHOLDS	
	All households <sup>1</sup>	White	Black	Hispanic <sup>2</sup>	All households <sup>1</sup>	White	Black	Hispanic <sup>2</sup>	Current dollars	Constant (1989) dollars
1970	8,734	9,097	5,537	(NA)	27,913	29,073	17,696	(NA)	<sup>3</sup> 6.9	<sup>3</sup> 1.7
1975	11,800	12,340	7,408	8,865	27,197	28,442	17,074	20,432	6.2	-0.5
1976	12,686	13,289	7,902	9,589	27,646	28,960	17,221	20,853	7.5	1.7
1977	13,572	14,272	8,422	10,647	27,771	29,203	17,233	21,786	7.0	0.5
1978	15,064	15,660	9,411	11,803	28,649	29,783	17,898	22,447	11.0	3.2
1979	16,461	17,259	10,133	13,042	28,115	29,478	17,307	22,276	9.3	-1.9
1980	17,710	18,684	10,764	13,651	26,651	28,117	16,198	20,543	7.6	-5.2
1981	19,074	20,153	11,309	15,300	26,020	27,491	15,427	20,871	7.7	-2.4
1982	20,171	21,117	11,968	15,178	25,919	27,135	15,379	19,503	5.8	-0.4
1983 <sup>4</sup>	21,018	22,035	12,473	15,794	26,167	27,433	15,529	19,663	4.2	1.0
1984	22,415	23,847	13,471	16,992	26,751	28,222	16,077	20,279	6.6	2.2
1985	23,618	24,908	14,819	17,465	27,218	28,704	17,078	20,127	5.4	1.7
1986	24,897	26,175	15,080	18,352	28,168	29,614	17,061	20,763	5.4	3.5
1987 <sup>5</sup>	26,081	27,458	15,672	19,336	28,447	29,972	17,107	21,106	4.7	1.0
1988	27,225	28,781	16,407	20,359	28,537	30,168	17,198	21,340	4.5	0.3
1989	28,906	30,406	18,083	21,921	28,908	30,406	18,083	21,921	6.2	1.3

NA Not available. <sup>1</sup> Includes other races not shown separately. <sup>2</sup> Hispanic persons may be of any race. <sup>3</sup> Change from 1967. <sup>4</sup> Beginning 1983, data based on revised Hispanic population controls; data not directly comparable with prior years. <sup>5</sup> Beginning 1987, based on revised processing procedures; data not directly comparable with prior years. See text, section 14, and source.

Source of tables 721 and 722: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 168, and unpublished data.

### No. 723. Money Income of Households—Percent Distribution, by Money Income Level and Selected Characteristics: 1988 and 1989

[Households as of March of following year. For definition of median, see Guide to Tabular Presentation. For composition of regions, see fig. 1, inside front cover]

CHARACTERISTIC	Number of households (1,000)	PERCENT DISTRIBUTION OF HOUSEHOLDS BY INCOME LEVEL								Median income (dollars)
		Under \$5,000	\$5,000-\$9,999	\$10,000-\$14,999	\$15,000-\$24,999	\$25,000-\$34,999	\$35,000-\$49,999	\$50,000-\$74,999	\$75,000 and over	
1988										
Total <sup>1</sup> . . . . .	92,830	6.2	10.8	10.3	18.6	16.0	17.3	13.4	7.4	27,225
White . . . . .	79,734	5.0	9.8	9.8	18.6	16.5	18.1	14.2	7.9	28,781
Black . . . . .	10,561	15.4	18.4	13.1	19.4	12.5	11.4	7.3	2.6	16,407
Hispanic <sup>2</sup> . . . . .	5,910	9.9	13.6	13.7	22.1	15.5	14.3	7.3	3.5	20,359
Family households . . . . .	65,837	3.8	6.6	8.7	17.7	16.9	20.2	16.7	9.3	32,491
Married-couple families . . . . .	52,100	1.5	4.2	7.4	16.8	17.5	22.2	19.4	11.1	36,436
Male householder <sup>3</sup> . . . . .	2,847	4.6	6.4	10.4	21.4	17.7	22.0	12.0	5.4	28,642
Female householder <sup>3</sup> . . . . .	10,890	14.7	18.2	14.4	21.2	14.0	10.3	5.3	2.0	16,051
Nonfamily households . . . . .	26,994	11.9	21.0	14.0	20.9	13.8	10.2	5.4	2.7	16,148
Male householder . . . . .	11,874	9.0	14.6	12.4	21.6	16.4	13.9	7.7	4.4	20,999
Female householder . . . . .	15,120	14.3	26.1	15.3	20.4	11.7	7.2	3.5	1.5	12,877
1989										
Total <sup>1</sup> . . . . .	93,347	5.3	10.3	9.7	17.9	15.9	17.3	14.5	9.0	28,906
Age of householder:										
15-24 years . . . . .	5,121	12.1	13.7	13.5	26.5	17.6	11.2	4.3	1.0	18,663
25-34 years . . . . .	20,472	4.5	6.7	8.3	20.5	19.9	21.0	13.9	5.2	29,823
35-44 years . . . . .	20,554	3.4	5.1	5.9	14.1	16.7	22.3	20.8	11.8	37,635
45-54 years . . . . .	14,514	4.0	4.6	5.8	12.2	14.0	19.9	21.7	17.9	41,523
55-64 years . . . . .	12,529	5.7	8.6	9.4	16.7	15.5	16.9	15.4	11.8	30,819
65 years and over . . . . .	20,156	7.1	23.6	17.1	22.0	12.2	8.6	5.6	3.9	15,771
White . . . . .	80,163	4.2	9.4	9.4	17.8	16.2	18.1	15.2	9.7	30,406
Black . . . . .	10,486	14.1	17.2	11.9	19.6	13.8	12.0	8.5	2.9	18,083
Hispanic <sup>2</sup> . . . . .	5,933	8.1	13.4	12.2	21.9	15.8	14.7	9.7	4.2	21,921
Northeast . . . . .	19,127	4.3	9.9	8.4	15.9	14.4	17.6	17.2	12.4	32,643
Midwest . . . . .	22,760	5.2	10.3	9.4	18.1	16.6	18.5	14.5	7.4	28,750
South . . . . .	32,262	7.0	11.4	11.1	18.9	16.1	15.9	12.3	7.3	25,870
West . . . . .	19,197	3.7	8.9	9.0	18.3	16.2	18.1	15.5	10.4	31,086
Size of household:										
One person . . . . .	22,999	11.4	23.6	15.4	21.8	13.3	8.9	3.7	1.9	14,829
Two persons . . . . .	30,114	3.6	7.2	10.1	20.0	17.6	18.3	14.4	8.9	29,862
Three persons . . . . .	16,128	3.7	5.7	6.6	15.2	16.6	21.1	19.2	11.9	36,277
Four persons . . . . .	14,456	2.7	4.1	5.3	12.3	16.0	22.7	22.8	14.0	40,744
Five persons . . . . .	6,213	2.4	4.7	5.9	14.5	15.8	22.0	21.1	13.6	39,281
Six persons . . . . .	2,143	3.6	6.1	7.3	17.5	15.0	17.4	18.7	14.3	35,304
Seven persons or more . . . . .	1,295	3.8	6.3	8.4	18.3	15.4	15.6	18.7	13.3	32,644
Family households . . . . .	66,090	3.4	6.1	7.9	16.6	16.5	20.0	18.0	11.5	34,633
Married-couple families . . . . .	52,317	1.4	3.8	6.6	15.4	16.8	21.8	20.6	13.6	38,664
Male householder <sup>3</sup> . . . . .	2,884	3.5	7.1	8.1	20.7	18.7	19.2	14.7	8.0	30,336
Female householder <sup>3</sup> . . . . .	10,890	13.1	16.8	14.3	21.2	14.6	11.2	6.4	2.5	17,383
Nonfamily households . . . . .	27,257	10.0	20.5	14.0	21.2	14.4	11.0	6.0	2.9	17,115
Male householder . . . . .	11,606	7.3	13.5	12.0	21.8	16.9	15.1	8.7	4.7	22,423
Female householder . . . . .	15,651	12.0	25.8	15.4	20.8	12.5	7.9	4.0	1.5	13,755
Education attainment of householder: <sup>4</sup>										
Elementary school, 8 years or less . . . . .	10,695	13.4	26.9	16.2	20.8	10.5	7.3	3.6	1.3	12,696
High school . . . . .	41,318	5.4	11.4	11.7	20.3	17.7	17.4	11.9	4.3	25,608
1-3 years . . . . .	10,091	9.7	17.9	15.0	21.9	14.7	11.7	6.9	2.2	17,767
4 years . . . . .	31,227	4.0	9.3	10.6	19.8	18.6	19.2	13.5	5.0	28,060
College . . . . .	36,214	1.9	3.7	5.0	13.2	15.2	21.1	22.1	17.7	42,153
1-3 years . . . . .	15,842	2.6	5.8	6.9	16.8	17.7	22.3	18.9	8.9	35,083
4 years or more . . . . .	20,372	1.4	2.1	3.5	10.4	13.3	20.3	24.5	24.5	49,180
Tenure:										
Owner occupied . . . . .	59,846	2.9	7.3	8.0	15.5	15.5	19.9	18.4	12.5	35,481
Renter occupied . . . . .	31,895	9.4	15.4	12.7	22.3	16.7	13.0	7.7	2.8	20,302
Occupier paid no cash rent . . . . .	1,606	14.3	21.8	12.1	22.0	14.8	8.2	5.2	1.7	15,829

<sup>1</sup> Includes other races not shown separately. <sup>2</sup> Hispanic persons may be of any race. <sup>3</sup> No spouse present. <sup>4</sup> 25 years old and over.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 166 and 168, and unpublished data.

### No. 724. Money Income of Households—Aggregate and Mean Income, by Race and Hispanic Origin of Householder: 1989

[As of March 1990. See headnote, table 721. For number of households by characteristic, see table 62. For definition of mean, see Guide to Tabular Presentation]

CHARACTERISTIC	ALL RACES <sup>1</sup>		WHITE		BLACK		HISPANIC <sup>2</sup>	
	Aggregate money income (bil.dol.)	Mean income (dol.)	Aggregate money income (bil.dol.)	Mean income (dol.)	Aggregate money income (bil.dol.)	Mean income (dol.)	Aggregate money income (bil.dol.)	Mean income (dol.)
<b>Total</b> .....	<b>3,409.0</b>	<b>36,520</b>	<b>3,049.5</b>	<b>38,041</b>	<b>251.6</b>	<b>23,995</b>	<b>166.1</b>	<b>27,992</b>
Age of householder:								
15 to 24 years old .....	110.4	21,566	96.5	22,848	9.7	13,724	10.0	18,508
25 to 34 years old .....	693.4	33,873	609.6	35,575	58.5	22,268	45.8	26,622
35 to 44 years old .....	906.6	44,109	799.7	45,972	75.0	30,528	43.8	31,186
45 to 54 years old .....	723.3	49,832	647.5	52,199	50.5	31,415	32.0	34,422
55 to 64 years old .....	502.6	40,112	458.8	42,237	32.4	23,220	21.3	32,110
65 years old and over .....	472.7	23,452	437.5	24,112	25.6	15,108	13.1	19,492
Region:								
Northeast .....	786.4	41,113	713.2	42,522	52.0	27,885	28.9	27,833
Midwest .....	801.5	35,217	740.1	36,389	49.2	23,533	12.0	30,266
South .....	1,072.1	33,230	932.8	35,666	122.3	21,762	49.7	25,437
West .....	749.1	39,020	663.3	39,257	28.0	30,907	75.5	29,662
Size of household:								
One person .....	467.0	20,306	417.4	20,997	38.6	14,789	14.2	16,535
Two persons .....	1,131.7	37,581	1,043.5	39,062	64.4	23,675	33.8	26,174
Three persons .....	689.0	42,723	612.6	45,096	54.3	26,564	33.4	29,352
Four persons .....	685.7	47,436	610.9	49,306	48.5	31,262	36.8	31,364
Five persons .....	286.0	46,036	246.6	48,314	26.9	31,309	24.2	32,194
Six persons .....	95.7	44,644	78.8	48,785	10.7	26,050	11.9	30,838
Seven persons or more .....	53.9	41,624	39.7	45,254	8.3	28,314	11.8	35,022

<sup>1</sup> Includes other races not shown separately. <sup>2</sup> Hispanic persons may be of any race.

### No. 725. Household Type, by Median Income and Income Level: 1988

[Households as of March 1989. See headnote, table 721]

ITEM	All households	FAMILY HOUSEHOLDS				NONFAMILY HOUSEHOLDS		
		Total	Married couple	Male householder, wife absent	Female householder, husband absent	Total	Single-person household	
							Male householder	Female householder
<b>MEDIAN INCOME (dol.)</b>								
<b>All households</b> .....	<b>27,225</b>	<b>32,491</b>	<b>36,436</b>	<b>28,642</b>	<b>16,051</b>	<b>16,148</b>	<b>18,284</b>	<b>11,622</b>
White .....	28,781	34,222	36,883	30,889	18,685	16,932	19,584	12,115
Black .....	16,407	19,823	30,424	19,501	10,995	9,826	10,859	7,107
Hispanic <sup>1</sup> .....	20,359	22,157	25,769	23,656	11,321	12,889	12,654	7,495
<b>NUMBER (1,000)</b>								
<b>All households</b> .....	<b>92,830</b>	<b>65,837</b>	<b>52,100</b>	<b>2,847</b>	<b>10,890</b>	<b>26,994</b>	<b>9,193</b>	<b>13,515</b>
Under \$5,000 .....	5,737	2,512	785	132	1,596	3,225	983	2,126
\$5,000-\$9,999 .....	10,006	4,332	2,165	183	1,984	5,674	1,605	3,822
\$10,000-\$14,999 .....	9,516	5,723	3,862	297	1,564	3,792	1,222	2,197
\$15,000-\$19,999 .....	9,126	5,938	4,328	321	1,288	3,188	1,140	1,627
\$20,000-\$24,999 .....	8,184	5,727	4,420	287	1,020	2,457	927	1,153
\$25,000-\$34,999 .....	14,875	11,152	9,127	505	1,520	3,723	1,466	1,463
\$35,000-\$49,999 .....	16,052	13,306	11,556	626	1,124	2,746	1,106	723
\$50,000 and over .....	19,332	17,146	15,855	496	794	2,188	740	404

<sup>1</sup> Hispanic persons may be of any race.

Source of tables 724 and 725: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 166.



### No. 726. Money Income of Households—Mean After-Tax Household Income in Constant (1987) Dollars, by Selected Characteristics: 1980 to 1987

[In dollars, except percent. Households as of March of following year. Estimates of after-tax income were derived from tax simulation procedures based on a "statistical" combination of data from the Internal Revenue Service, summaries of State individual income tax regulations, data on the characteristics of persons paying FICA payroll taxes from the Social Security Administration, property tax information from the Annual Housing Survey, and the March Current Population Survey microdata file. For additional information on methodology, see source. For composition of regions, see fig. 1, inside front cover.]

CHARACTERISTIC	AFTER-TAX HOUSEHOLD INCOME						AVERAGE ANNUAL PERCENT CHANGE				
	1980	1983	1984	1985	1986	1987	1980-1987	1983-1984	1984-1985	1985-1986	1986-1987
All households . . . . .	22,442	22,982	23,594	23,924	24,547	24,857	1.5	2.7	1.4	2.8	1.3
Age of householder:											
Under 65 years . . . . .	24,327	24,628	25,278	25,738	26,467	26,915	1.5	2.6	1.8	2.8	1.7
65 years old and over . . . . .	15,145	16,752	17,226	17,113	17,425	17,284	1.9	2.8	-0.7	1.8	-0.8
Race and Hispanic origin:											
White . . . . .	23,242	23,851	24,476	24,810	25,467	25,816	1.5	2.6	1.4	2.6	1.4
Black . . . . .	15,792	15,865	16,192	16,681	16,996	17,011	1.1	3.4	3.0	1.9	0.1
Hispanic . . . . .	18,668	18,305	18,993	18,932	19,504	20,077	1.0	3.8	-0.3	3.0	2.9
Region:											
Northeast . . . . .	22,409	23,352	24,072	24,983	25,645	25,919	2.1	3.1	3.8	2.8	1.1
Midwest . . . . .	22,670	22,526	22,829	23,147	23,831	24,045	0.8	1.3	1.4	3.0	0.9
South . . . . .	21,511	22,340	22,923	22,784	23,443	23,773	1.4	2.6	-0.6	2.9	1.4
West . . . . .	23,748	24,256	25,207	25,725	26,146	26,562	1.6	3.9	2.1	1.6	1.6
Type of family:											
Married couples with children <sup>2</sup> . . . . .	28,298	28,348	29,365	29,992	31,060	31,981	1.8	3.6	2.1	3.8	3.0
Married couples without children . . . . .	26,704	26,126	26,944	29,276	30,214	30,132	1.7	2.9	1.1	3.2	-0.3
Female householders with related children <sup>3</sup> . . . . .	13,641	12,910	13,395	13,832	13,613	14,424	0.8	3.8	3.3	1.6	6.0

<sup>1</sup> Hispanic persons may be of any race. <sup>2</sup> Related children under 18 years old. <sup>3</sup> No husband present.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 157, and unpublished data.

### No. 727. Number of Households Paying Taxes and Amount of Taxes, by Type of Tax and Before-Tax Money Income: 1987

[Households as March 1987. See headnote, table 721.]

TYPE OF TAX	Unit	BEFORE TAX MONEY INCOME								
		Total	Under \$10,000	\$10,000-\$14,999	\$15,000-\$19,999	\$20,000-\$24,999	\$25,000-\$34,999	\$35,000-\$49,999	\$50,000-\$74,999	\$75,000 and over
All households . . . . .	1,000 . .	91,066	16,717	9,858	9,136	8,405	14,664	15,677	11,109	5,700
Households paying—										
One or more taxes <sup>1</sup> . . . . .	1,000 . .	84,439	10,981	8,983	8,963	8,375	14,656	15,674	11,108	5,897
Federal income taxes . . . . .	1,000 . .	68,770	2,008	4,971	7,163	7,774	14,423	15,628	11,108	5,694
State income taxes . . . . .	1,000 . .	60,418	3,067	5,106	6,462	6,452	12,120	12,656	9,505	4,851
FICA payroll taxes . . . . .	1,000 . .	68,236	6,059	6,027	6,548	6,776	12,636	14,307	10,432	5,451
Federal retirement taxes . . . . .	1,000 . .	3,357	78	113	200	227	633	922	893	352
Property taxes . . . . .	1,000 . .	56,367	6,413	4,716	4,912	4,897	9,549	11,618	9,225	5,037
Taxes paid . . . . .	Bil. dol..	666.3	6.3	12.4	20.3	28.7	79.9	139.5	168.6	210.7
Percent of taxes paid:										
Federal income taxes . . . . .	Percent.	54.2	9.2	24.7	36.8	40.8	45.2	48.9	54.4	67.6
State income taxes . . . . .	Percent.	14.8	4.7	8.8	11.5	12.6	14.1	14.7	15.1	16.0
FICA payroll taxes . . . . .	Percent.	22.0	35.1	35.6	34.2	32.9	29.7	27.0	22.1	11.8
Federal retirement taxes . . . . .	Percent.	1.1	0.4	0.6	0.9	1.0	1.5	1.5	1.4	0.6
Property taxes . . . . .	Percent.	7.9	52.5	30.3	16.5	12.6	9.5	7.9	7.0	3.9
Average tax paid <sup>2</sup> . . . . .	Dollars.	7,891	578	1,377	2,265	3,423	5,450	8,900	15,175	36,980
Federal income taxes . . . . .	Dollars.	5,252	289	615	1,043	1,506	2,500	4,361	8,255	25,018
State income taxes . . . . .	Dollars.	1,627	97	214	382	562	930	1,595	2,682	6,839
FICA payroll taxes . . . . .	Dollars.	2,148	346	790	1,062	1,391	1,879	2,637	3,572	4,579
Federal retirement taxes . . . . .	Dollars.	2,249	356	691	932	1,307	1,922	2,278	2,836	3,643
Property taxes . . . . .	Dollars.	935	519	794	683	736	784	949	1,275	1,649

<sup>1</sup> Figures will not add as more than one type of tax may be reported for each household. <sup>2</sup> Based on households paying taxes.

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

**No. 728. Households with Discretionary Income—Selected Income Measures: 1986**

[Households as of March 1987 and income figures are for the preceding year, expressed in 1986 dollars. Discretionary income is the amount of money which would permit a household to maintain a living standard comfortably higher (30 percent or more) than the average for similar households. For methodology, see source.]

CHARACTERISTIC	ALL HOUSEHOLDS		HOUSEHOLDS WITH DISCRETIONARY INCOME					
	Number (1,000)	Aggregate income after taxes (bil. dol.)	Households		Average income		Spendable discretionary income	
			Number (1,000)	Percent of all house- holds	Before taxes (dol.)	After taxes (dol.)	Aggregate income (bil. dol.)	Average income (dol.)
<b>Total</b>	<b>89,479</b>	<b>2,165.1</b>	<b>25,869</b>	<b>28.9</b>	<b>56,605</b>	<b>41,940</b>	<b>319.0</b>	<b>12,332</b>
<b>Age of householder:</b>								
15-24 years old	5,197	78.0	972	18.7	38,241	30,124	7.6	7,790
25-29 years old	9,652	205.9	2,646	27.4	48,547	36,618	24.2	9,130
30-34 years old	10,850	264.3	3,419	31.5	54,243	40,067	37.3	10,919
35-39 years old	10,155	280.2	3,349	33.0	60,049	43,585	41.5	12,405
40-44 years old	8,549	259.1	2,605	30.5	66,133	47,891	36.5	13,999
45-49 years old	6,888	218.3	2,299	33.4	69,412	49,968	33.2	14,448
50-54 years old	6,323	193.0	2,008	31.8	68,181	49,079	27.2	13,550
55-59 years old	6,443	178.5	2,252	35.0	61,480	44,906	32.8	14,584
60-64 years old	6,424	157.8	1,848	28.8	61,001	44,262	26.5	14,356
65-69 years old	6,086	125.3	1,523	25.0	50,447	38,968	19.7	12,921
70-years old and over	12,912	204.6	2,946	22.8	39,117	32,344	32.5	11,015
<b>Race and Hispanic origin of householder:</b>								
White	77,284	1,940.8	23,927	31.0	56,786	42,040	298.9	12,491
Black	12,195	224.3	1,942	15.9	54,368	40,713	20.2	10,374
Hispanic <sup>1</sup>	5,418	103.5	761	14.1	54,245	41,505	7.0	9,174
<b>Divisions:</b>								
New England	4,793	132.5	1,624	33.9	59,570	44,607	21.8	13,632
Middle Atlantic	14,080	349.6	3,738	26.5	61,168	43,871	47.3	12,667
East North Central	15,378	370.0	4,487	29.2	53,700	40,486	50.8	11,311
West North Central	6,595	147.6	1,814	27.5	51,771	38,231	18.5	10,211
South Atlantic	15,465	371.8	4,657	30.1	55,701	41,468	60.3	12,946
East South Central	5,556	107.4	1,426	25.7	47,661	36,351	15.9	11,119
West South Central	9,599	224.5	2,782	29.0	56,203	42,711	37.9	13,615
Mountain	4,844	114.3	1,320	27.2	55,762	41,261	16.2	12,293
Pacific	13,170	347.3	4,022	30.5	61,360	44,486	50.3	12,520
<b>Size of household:</b>								
One person	21,128	277.2	5,640	26.7	34,224	25,424	48.8	8,655
Two persons	26,602	705.4	8,643	30.9	57,587	42,626	115.6	13,077
Three persons	16,159	453.0	4,781	29.6	64,464	47,365	65.8	13,758
Four persons	13,984	431.5	3,970	28.4	68,520	50,595	51.5	12,981
Five persons	6,162	183.1	1,726	28.0	68,612	51,550	23.8	13,805
Six persons or more	3,443	104.9	909	26.4	69,742	53,168	13.4	14,781
<b>Educational attainment of householder:</b>								
Less than 12 years	23,012	355.1	2,604	11.3	43,783	34,508	21.9	8,416
12 years	32,023	718.5	7,850	24.5	48,448	37,296	70.6	8,999
College: total	34,445	1,091.8	15,414	44.8	62,925	45,561	226.5	14,692
1 to 3 years	15,456	402.5	5,051	32.7	54,253	40,904	56.7	11,226
4 years	10,408	350.6	5,249	50.4	63,043	45,427	76.4	14,559
5 years or more	8,581	338.4	5,115	59.6	71,369	50,298	93.3	18,250
<b>Number of earners:</b>								
No earners	19,038	236.3	2,840	14.9	35,709	30,329	28.3	9,958
One earner	29,789	594.2	7,562	25.4	48,094	34,841	84.5	11,172
Two earners	30,707	925.6	11,220	36.5	60,391	44,346	138.1	12,309
Three earners or more	9,945	409.0	4,246	42.7	75,737	55,996	68.1	16,049
<b>Type of earners:</b>								
Husband working, wife not working	12,812	370.2	3,426	26.7	69,704	49,945	54.4	15,868
Husband and wife working	29,291	994.2	12,067	41.2	64,783	47,512	160.6	13,308
All other households	47,376	800.7	10,376	21.9	42,768	32,817	104.1	10,030
<b>Occupation:</b>								
Managerial and professional specialty	17,826	653.9	9,512	53.4	67,743	48,138	151.8	15,961
Technical sales and administrative support	15,767	425.4	5,210	33.0	57,570	41,963	62.6	12,021
Precision production, craft, repair, operators, fabricators, and laborers	21,553	533.6	5,551	25.8	49,874	38,029	47.3	8,519
Service, farming, forestry, and fishing	9,158	171.3	1,433	15.6	50,371	38,510	13.8	9,633
Nonworker or in the Armed Forces	25,175	380.9	4,163	16.5	41,066	34,146	43.5	10,444
<b>Household income:</b>								
Under \$15,000	26,984	205.8	197	0.7	13,855	13,213	0.2	1,014
\$15,000-\$19,999	9,303	142.5	694	7.5	17,570	16,108	1.6	2,304
\$20,000-\$24,999	8,617	164.5	1,011	11.7	22,558	19,303	3.5	3,438
\$25,000-\$29,999	7,733	175.6	1,662	21.5	27,460	22,733	6.2	3,737
\$30,000-\$34,999	7,078	186.4	2,248	31.8	32,327	26,323	10.6	4,700
\$35,000-\$39,999	6,089	182.0	2,278	37.4	37,453	29,990	13.3	5,841
\$40,000-\$49,999	8,667	302.8	4,807	55.5	44,767	35,190	32.4	6,746
\$50,000-\$74,999	10,085	455.6	8,146	80.8	60,163	45,618	93.8	11,493
\$75,000-\$99,999	2,938	180.5	2,885	100.0	84,785	61,466	65.8	22,618
\$100,000 and over	1,984	169.6	1,940	100.0	140,759	86,745	91.8	47,320

<sup>1</sup> Hispanic persons may be of any race.

Source: U.S. Bureau of the Census and the Conference Board, *A Marketer's Guide to Discretionary Income*, 1989.

### No. 729. Money Income of Families—Percent Distribution by Income Level in Constant (1989) Dollars, by Race and Hispanic Origin of Householder: 1970 to 1989

[Families as of March of following year. Beginning with 1980, based on household concept and restricted to primary families. For definition of race, family, and householder, see text, section 1. Based on Current Population Survey; see text, sections 1 and 14 and Appendix III. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series G 1-8, G 16-23, G 190-192, and G 197-199]

RACE AND HISPANIC ORIGIN OF HOUSEHOLDER AND YEAR	Number of families (1,000)	PERCENT DISTRIBUTION OF FAMILIES, BY INCOME LEVEL							Median income (dol.)
		Under \$10,000	\$10,000-\$14,999	\$15,000-\$24,999	\$25,000-\$34,999	\$35,000-\$49,999	\$50,000-\$74,999	\$75,000 and over	
<b>ALL FAMILIES</b>									
1970	52,227	9.7	7.8	18.8	21.3	22.7	14.1	5.5	31,534
1975	56,245	8.4	9.0	18.8	19.5	22.2	15.1	5.8	31,620
1980	60,309	10.2	8.6	19.1	18.5	21.7	15.1	6.7	31,637
1985 <sup>1</sup>	63,558	11.1	8.6	18.2	17.3	20.0	16.2	8.5	31,962
1986	64,491	10.5	8.4	17.5	16.6	20.4	16.9	9.7	33,328
1987 <sup>2</sup>	65,204	10.4	7.9	17.3	16.8	20.3	17.4	10.1	33,805
1988	65,837	10.1	8.3	16.9	16.6	20.0	17.6	10.3	33,742
1989	66,090	9.9	8.1	16.7	16.4	19.8	17.7	11.3	34,213
<b>WHITE</b>									
1970	46,535	8.3	7.2	18.2	21.8	23.7	14.8	6.0	32,713
1975	49,873	7.9	8.4	18.4	19.9	23.1	16.0	6.3	32,885
1980	52,710	8.3	7.9	18.9	19.0	22.7	16.0	7.3	32,962
1985 <sup>1</sup>	54,991	9.1	8.0	17.9	17.7	20.9	17.2	9.3	33,595
1986	55,676	8.4	7.8	17.2	17.0	21.2	18.0	10.3	34,857
1987 <sup>2</sup>	56,086	8.1	7.4	16.9	17.1	21.2	18.5	10.9	35,350
1988	56,492	8.0	7.6	16.6	17.1	21.0	18.7	11.1	35,549
1989	56,590	7.7	7.5	16.4	16.8	20.7	18.7	12.2	35,975
<b>BLACK</b>									
1970	4,928	23.0	13.6	24.8	17.2	13.5	6.7	1.3	20,067
1975	5,586	23.5	14.6	22.7	16.9	14.1	7.1	1.2	20,234
1980	6,317	25.9	14.4	21.6	15.4	13.6	7.5	1.7	19,073
1985 <sup>1</sup>	6,921	27.0	13.0	21.4	14.4	13.3	8.5	2.4	19,344
1986	7,096	26.6	13.1	19.4	14.4	14.8	8.5	3.5	19,917
1987 <sup>2</sup>	7,202	27.3	11.8	21.1	13.5	13.8	8.9	3.7	20,091
1988	7,409	26.4	13.3	19.1	13.5	13.5	10.3	4.0	20,280
1989	7,470	25.9	12.6	19.5	14.4	13.7	10.2	3.6	20,209
<b>HISPANIC<sup>3</sup></b>									
1975	2,499	18.3	14.3	25.0	18.9	15.4	6.4	1.7	22,013
1980	3,235	18.3	13.8	24.4	17.7	15.9	7.4	2.5	22,145
1985	4,206	20.8	14.3	21.7	17.1	14.1	9.1	3.0	21,927
1986	4,403	19.9	14.1	21.5	16.4	15.0	9.6	3.6	22,622
1987 <sup>2</sup>	4,576	20.8	13.2	22.1	15.8	14.6	9.4	4.1	22,158
1988	4,823	19.3	13.6	21.0	17.0	15.6	9.4	4.0	22,818
1989	4,840	18.6	12.1	21.9	16.5	16.2	10.2	4.5	23,446

<sup>1</sup> Beginning 1985, data based on revised Hispanic population controls; data not directly comparable with prior years.

<sup>2</sup> Beginning 1987, based on revised processing procedures; data not directly comparable with prior years. See text, section 14, and source. <sup>3</sup> Hispanic persons may be of any race.

### No. 730. Money Income of Families—Median Family Income in Current and Constant (1989) Dollars, by Race and Hispanic Origin of Householder: 1960 to 1989

[See headline, table 729. For definition of median, see Guide to Tabular Presentation. Minus sign (-) indicates decrease]

YEAR	MEDIAN INCOME IN CURRENT DOLLARS (dol.)				MEDIAN INCOME IN CONSTANT (1989) DOLLARS (dol.)				ANNUAL PERCENT CHANGE OF MEDIAN INCOME OF ALL FAMILIES	
	All families	White	Black	Hispanic <sup>2</sup>	All families	White	Black	Hispanic <sup>2</sup>	Current dollars	Constant (1989) dollars
1960	5,620	5,835	<sup>3</sup> 3,230	(NA)	23,543	24,444	13,531	(NA)	<sup>4</sup> 4.9	<sup>4</sup> 2.9
1965	6,957	7,251	<sup>3</sup> 3,993	(NA)	27,366	28,544	15,718	(NA)	4.4	3.1
1970	9,867	10,236	6,279	(NA)	31,534	32,713	20,067	(NA)	7.2	2.9
1973	12,051	12,595	7,269	8,715	33,656	35,175	20,301	24,339	8.4	2.1
1974	12,902	13,408	8,006	9,540	32,451	33,724	20,137	23,996	7.1	-3.6
1975	13,719	14,268	8,779	9,551	31,620	32,885	20,234	22,013	6.3	-2.6
1976	14,958	15,537	9,242	10,259	32,597	33,859	20,141	22,357	9.0	3.1
1977	16,009	16,740	9,563	11,421	32,758	34,253	19,588	23,370	7.0	0.5
1978	17,640	18,368	10,879	12,566	33,548	34,933	20,590	23,899	10.2	2.4
1979	19,587	20,439	11,574	14,169	33,454	34,910	19,768	24,200	11.0	-0.3
1980	21,023	21,904	12,674	14,716	31,837	32,962	18,073	22,145	7.3	-5.4
1981	22,388	23,517	13,266	16,401	30,540	32,060	18,097	22,373	6.5	-3.5
1982	23,433	24,603	13,598	16,227	30,111	31,614	17,473	20,851	4.7	-1.4
1983 <sup>6</sup>	24,580	25,757	14,506	16,227	30,602	32,067	18,060	21,111	4.9	1.6
1984	26,433	27,686	15,432	18,833	31,547	33,042	18,416	22,475	7.5	3.1
1985	27,735	29,152	16,788	19,027	31,962	33,595	19,344	21,927	4.9	1.3
1986	29,458	30,809	17,604	19,995	33,328	34,857	19,917	22,622	6.2	4.3
1987 <sup>6</sup>	30,970	32,385	18,406	20,300	33,805	35,350	20,091	22,158	0.4	0.4
1988	32,191	33,815	19,329	21,768	33,742	35,549	20,260	22,818	3.9	-0.2
1989	34,213	35,975	20,209	23,446	34,213	35,975	20,209	23,446	6.3	1.4

NA Not available. <sup>1</sup> Includes other races not shown separately. <sup>2</sup> Hispanic persons may be of any race. <sup>3</sup> For 1960 and 1965, Black and other races. <sup>4</sup> Change from 1955. <sup>5</sup> Beginning 1983, data based on revised Hispanic population controls; data not directly comparable with prior years. <sup>6</sup> Beginning 1987, data based on revised processing procedures; data not directly comparable with prior years.

Source of tables 729 and 730: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 168, and unpublished data.

**No. 731. Money Income of Families—Income at Selected Positions and Percent of Aggregate Income Received by Each Fifth and Top 5 Percent of Families: 1980 and 1989**

[Families as of March of following year. For composition of regions, see fig. 1, inside front cover. Based on Current Population Survey; see headnote, table 729. See also *Historical Statistics, Colonial Times to 1970*, series G 31-138]

ITEM	All families, 1980	1989						
		All families	RACE		REGION			
			White	Black	North-east	Midwest	South	West
Number (1,000) .....	60,309	66,090	56,590	7,470	13,494	16,059	23,244	13,293
INCOME AT SELECTED POSITIONS (dollars)								
Upper limit of each fifth:								
Lowest .....	10,286	16,003	17,938	7,888	18,744	16,896	13,832	17,364
Second .....	17,390	28,000	29,888	15,500	32,058	29,836	24,680	29,294
Third .....	24,830	40,800	42,450	26,054	46,825	40,512	37,000	42,000
Fourth .....	34,534	59,550	61,039	41,956	67,598	57,050	54,782	61,698
Top 5 percent .....	54,060	98,963	101,354	69,545	112,000	92,700	91,230	102,293
PERCENT DISTRIBUTION OF AGGREGATE INCOME								
Lowest fifth .....	5.1	4.6	5.0	3.4	4.6	4.9	4.3	4.9
Second fifth .....	11.6	10.6	11.0	8.8	10.7	11.4	10.1	10.7
Third fifth .....	17.5	16.5	16.6	15.4	16.6	17.0	16.2	16.4
Fourth fifth .....	24.3	23.7	23.4	25.2	23.7	23.8	23.9	23.4
Highest fifth .....	41.6	44.6	44.0	47.3	44.4	42.9	45.6	44.6
Top 5 percent .....	15.3	17.9	17.7	17.1	17.7	17.0	18.2	18.0

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, unpublished data.

**No. 732. Money Income of Families—Median Family Income, by Race and Hispanic Origin: 1989**

[Families as of March 1990. Based on Current Population Survey; see text, section 1, and Appendix III. For composition of regions, see fig. 1, inside front cover. For definition of median, see Guide to Tabular Presentation]

CHARACTERISTIC	NUMBER (1,000)				MEDIAN FAMILY INCOME (dollars)			
	All families	White	Black	Hispanic <sup>1</sup>	All families	White	Black	Hispanic <sup>1</sup>
All families .....	66,090	56,590	7,470	4,840	34,213	35,975	20,209	23,446
Region:								
Northeast .....	13,494	11,837	1,279	815	39,484	40,990	25,391	22,627
Midwest .....	16,059	14,370	1,448	330	34,613	35,789	18,301	26,359
South .....	23,244	18,746	4,147	1,596	30,499	32,939	19,029	20,520
West .....	13,293	11,638	598	2,101	35,696	36,144	25,670	25,511
Type of family:								
Married-couple families .....	52,317	46,981	3,750	3,395	38,547	39,208	30,650	27,362
Wife in paid labor force .....	30,188	26,829	2,400	1,763	45,266	45,803	37,787	34,821
Wife not in paid labor force .....	22,129	20,153	1,350	1,633	28,747	29,689	18,727	20,717
Male householder <sup>2</sup> .....	2,684	2,303	446	329	27,847	30,467	18,395	25,176
Female householder <sup>2</sup> .....	10,890	7,306	3,275	1,116	16,442	18,946	11,630	11,745
With related children <sup>3</sup> .....	34,279	27,977	5,031	3,314	33,458	35,892	18,489	21,766
Married couple .....	25,476	22,271	2,179	2,309	39,995	40,616	33,704	27,142
Male householder <sup>2</sup> .....	1,358	(NA)	(NA)	(NA)	24,750	(NA)	(NA)	(NA)
Female householder <sup>2</sup> .....	7,445	4,627	2,624	848	12,979	14,864	10,293	9,525
Number of earners:								
No earners .....	9,439	7,816	1,396	615	14,285	16,360	6,166	7,486
One earner .....	18,146	14,970	2,601	1,554	25,226	27,145	15,440	17,250
Two earners .....	29,235	25,737	2,609	1,860	40,658	41,429	32,171	29,420
Three earners .....	6,724	5,832	659	541	51,758	52,582	43,693	40,480
Four or more earners .....	2,546	2,236	205	271	65,722	66,890	53,258	46,858

NA Not available. <sup>1</sup> Hispanic persons may be of any race. <sup>2</sup> No spouse present. <sup>3</sup> Children under 18 years old.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 168.

### No. 733. Money Income of Families—Percent Distribution by Income Level, by Race and Hispanic Origin of Householder, and Selected Characteristics: 1988 and 1989

[Families as of **March of following year**. See headnote, table 729. For definitions, see text, section 1. For definition of median, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series G1-8 for U.S. data on total, White, Black, and other races. For composition of regions, see fig. 1, inside front cover]

RACE OF HOUSEHOLDER, PRESENCE OF CHILDREN, REGION AND YEAR	Number of families (1,000)	PERCENT DISTRIBUTION OF FAMILIES, BY INCOME LEVEL								Median income (dol.)
		Under \$5,000	\$5,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 to \$74,999	\$75,000 and over	
1988										
All families <sup>1</sup> . . . . .	65,837	4.0	6.8	8.8	17.8	16.9	20.0	16.5	9.2	32,191
White . . . . .	56,492	3.0	5.5	8.1	17.7	17.4	21.0	17.6	9.8	33,915
Black . . . . .	7,409	11.9	15.4	13.6	19.7	13.4	13.3	9.3	3.3	19,329
Hispanic <sup>2</sup> . . . . .	4,823	8.4	11.9	13.6	22.2	16.5	15.5	8.3	3.6	21,769
Presence of related children under 18 years old:										
All families . . . . .	65,837	4.0	6.8	8.8	17.8	16.9	20.0	16.5	9.2	32,191
No children . . . . .	32,069	2.0	5.8	9.6	19.2	16.7	19.5	16.8	10.4	32,722
One or more children . . . . .	33,768	5.9	7.6	8.0	16.6	17.0	20.6	16.3	8.0	31,770
Married-couple families . . . . .	52,100	1.5	4.2	7.4	16.8	17.5	22.2	19.4	11.0	36,389
No children . . . . .	26,972	1.6	5.1	9.1	18.5	16.4	19.6	18.0	11.6	34,443
One or more children . . . . .	25,127	1.4	3.2	5.5	15.1	18.7	25.0	20.8	10.3	38,164
Female householder, no husband present . . . . .	10,890	15.6	18.9	14.6	21.6	13.5	9.5	4.7	1.7	15,346
No children . . . . .	3,531	4.3	11.3	12.8	23.4	18.3	17.1	9.4	3.4	24,225
One or more children . . . . .	7,359	21.0	22.5	15.5	20.7	11.2	5.8	2.4	0.9	11,865
1989										
All families <sup>1</sup> . . . . .	66,090	3.6	6.3	8.1	16.7	16.4	19.8	17.7	11.3	34,213
White, total . . . . .	56,590	2.6	5.1	7.5	16.4	16.8	20.7	18.7	12.2	35,975
Northeast . . . . .	11,837	2.3	4.3	6.4	13.7	14.7	20.2	21.8	16.6	40,990
Midwest . . . . .	14,370	2.4	4.7	6.7	16.3	18.4	22.7	18.8	10.0	35,789
South . . . . .	18,746	3.2	6.0	8.7	17.7	17.2	19.7	16.7	10.8	32,939
West . . . . .	11,638	2.2	4.9	7.4	17.1	16.5	20.5	18.6	12.8	36,144
Black, total . . . . .	7,470	11.2	14.7	12.6	19.5	14.4	13.7	10.2	3.6	20,209
Northeast . . . . .	1,279	7.2	12.3	9.6	20.0	16.2	14.7	13.2	6.7	25,391
Midwest . . . . .	1,446	13.9	15.9	11.3	18.4	11.7	14.6	10.9	3.3	18,301
South . . . . .	4,147	11.9	15.6	14.1	20.1	14.8	12.9	8.5	2.2	19,029
West . . . . .	598	8.2	10.7	12.8	17.3	13.9	15.6	14.3	7.2	25,670
Hispanic, <sup>2</sup> total . . . . .	6,547	7.2	12.6	12.4	21.1	16.0	15.2	10.7	4.8	22,948
Northeast . . . . .	1,293	8.5	14.8	12.1	17.3	15.4	13.8	12.6	5.5	22,620
Midwest . . . . .	589	11.1	13.1	10.9	19.1	16.9	13.8	10.7	4.4	22,822
South . . . . .	2,043	8.8	14.8	13.8	23.1	15.3	12.9	7.7	3.6	19,852
West . . . . .	2,622	4.5	9.6	11.8	21.9	16.6	18.2	12.0	5.3	25,976
Presence of related children under 18 years old:										
All families . . . . .	66,090	3.6	6.3	8.1	16.7	16.4	19.8	17.7	11.3	34,213
No children . . . . .	31,811	1.9	5.4	8.6	17.6	16.5	19.1	17.9	13.0	35,032
One or more children . . . . .	34,279	5.2	7.1	7.7	15.8	16.4	20.5	17.6	9.7	33,458
Married-couple families . . . . .	52,317	1.4	3.8	6.7	15.4	16.8	21.8	20.5	13.5	38,547
No children . . . . .	26,841	1.6	4.8	8.2	16.9	15.9	19.3	18.9	14.5	36,843
One or more children . . . . .	25,476	1.2	2.8	5.1	13.9	17.8	24.6	22.2	12.4	39,995
Female householder, no husband present . . . . .	10,890	14.1	17.6	14.6	21.3	14.2	10.6	5.5	2.1	16,442
No children . . . . .	3,445	4.0	9.7	12.5	21.9	20.2	17.7	9.9	4.0	25,784
One or more children . . . . .	7,445	18.8	21.3	15.6	21.1	11.3	7.3	3.5	1.2	12,979

<sup>1</sup> Includes other races not shown separately. <sup>2</sup> Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 166 and 168, and unpublished data.

**No. 734. Money Income of Families, by Type of Family and Income Level: 1988**

[In thousands, except dollars. Families as of March 1989. Based on Current Population Survey; see headnote, table 729. For definition of median, see Guide to Tabular Presentation]

TYPE OF FAMILY	Number of families	INCOME LEVEL								Median income (dol.)
		Under \$9,999	\$10,000-\$14,999	\$15,000-\$19,999	\$20,000-\$24,999	\$25,000-\$34,999	\$35,000-\$49,999	\$50,000-\$74,999	\$75,000 and over	
<b>All families</b> .....	<b>65,837</b>	<b>7,085</b>	<b>5,785</b>	<b>6,002</b>	<b>5,748</b>	<b>11,094</b>	<b>13,196</b>	<b>10,888</b>	<b>6,037</b>	<b>32,191</b>
Married-couple families .....	52,100	2,976	3,858	4,333	4,443	9,122	11,564	10,085	5,719	36,389
Wife in paid labor force .....	29,713	693	1,066	1,672	2,072	5,143	7,621	7,440	4,005	42,709
Wife not in paid labor force .....	22,387	2,283	2,791	2,661	2,372	3,978	3,943	2,645	1,715	27,220
Male householder <sup>1</sup> .....	2,847	355	336	353	274	500	598	292	135	26,827
Female householder <sup>1</sup> .....	10,890	3,755	1,590	1,316	1,031	1,472	1,034	509	182	15,346
With own children <sup>2</sup> .....	34,255	4,589	2,765	2,926	2,867	5,842	7,035	5,534	2,698	31,645
Married-couple .....	25,599	1,168	1,454	1,860	2,109	4,789	6,364	5,265	2,593	37,832
Female householder <sup>1</sup> .....	7,363	3,204	1,137	884	637	829	430	180	63	11,874

<sup>1</sup> No spouse present. <sup>2</sup> Children under 18 years old.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, unpublished data.

**No. 735. Median Money Income of Families and Unrelated Individuals, in Current and Constant (1989) Dollars: 1970 to 1989**

[See headnote, table 726. Unrelated individuals are persons not living with any relatives. See text, sections 1 and 14. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series G 179-188]

ITEM	1970	1975	1980	1983	1984	1985	1986	1987 <sup>1</sup>	1988	1989
<b>CURRENT DOLLARS</b>										
Families: <sup>2</sup>										
Married-couple families .....	10,516	14,867	23,141	27,286	29,612	31,100	32,805	34,879	36,389	38,547
Wife in paid labor force .....	12,276	17,237	26,879	32,107	34,668	36,431	38,346	40,751	42,709	45,266
Wife not in paid labor force .....	9,304	12,752	18,972	21,890	23,582	24,556	25,803	26,640	27,220	28,747
Male householder, no wife present .....	9,012	12,995	17,519	21,845	23,325	22,622	24,962	25,208	26,827	27,847
Female householder, no husband present .....	5,093	6,844	10,408	11,789	12,803	13,660	13,647	14,683	15,346	16,442
Unrelated individuals:										
Male .....	4,540	6,612	10,939	12,888	13,566	14,921	15,281	16,082	16,976	17,860
Female .....	2,483	3,978	6,668	8,863	9,501	9,865	10,142	11,029	11,881	12,390
<b>CONSTANT (1989) DOLLARS</b>										
Families: <sup>2</sup>										
Married-couple families .....	33,608	34,266	34,824	33,971	35,341	35,840	37,115	38,072	38,142	38,547
Wife in paid labor force .....	39,233	39,728	40,449	39,973	41,375	41,984	43,384	44,482	44,767	45,266
Wife not in paid labor force .....	29,734	29,391	28,550	27,253	28,144	28,299	29,193	29,079	28,532	28,747
Male householder, no wife present .....	28,801	29,951	26,364	27,197	27,837	26,070	28,242	27,516	28,120	27,847
Female householder, no husband present .....	16,277	15,774	15,863	14,677	15,280	15,742	15,440	16,027	16,085	16,442
Unrelated individuals:										
Male .....	14,509	15,240	16,482	16,045	16,190	17,195	17,289	17,554	17,794	17,860
Female .....	7,935	9,169	10,034	11,034	11,339	11,369	11,475	12,039	12,453	12,390

<sup>1</sup> Beginning 1987, based on revised processing procedures; data not directly comparable with prior years. See text, section 14, and source. <sup>2</sup> Beginning 1980, based on household concept. Restricted to primary families, see source.

**No. 736. Median Money Income of Year-Round Full-Time Workers With Income, by Sex, Age, Race, and Hispanic Origin: 1980 to 1989**

[Age as of March of following year. Refers to civilian workers. For definition of median, see Guide to Tabular Presentation]

ITEM	FEMALE					MALE				
	1980	1985	1987 <sup>1</sup>	1988	1989	1980	1985	1987 <sup>1</sup>	1988	1989
<b>Total with income</b> .....	<b>\$11,591</b>	<b>\$16,252</b>	<b>\$17,584</b>	<b>\$18,545</b>	<b>\$19,643</b>	<b>\$19,173</b>	<b>\$24,999</b>	<b>\$26,681</b>	<b>\$27,342</b>	<b>\$28,605</b>
15-19 years old. ....	6,779	8,372	12,329	13,183	13,653	7,753	9,050	14,170	14,863	15,501
20-24 years old. ....	9,407	11,757	17,552	18,486	19,706	12,109	13,827	23,554	24,284	24,991
25-34 years old. ....	12,190	16,740	17,552	18,486	19,706	17,724	22,321	30,802	31,847	32,370
35-44 years old. ....	12,239	18,032	19,934	20,635	21,498	21,777	28,966	30,869	32,170	33,356
45-54 years old. ....	12,116	17,009	19,299	20,174	20,905	22,323	29,880	32,170	31,645	34,505
55-64 years old. ....	11,931	16,761	18,047	18,347	19,895	21,053	28,387	30,869	29,070	34,110
65 years old and over .....	12,342	18,336	19,502	19,493	21,505	17,307	26,146	28,593	28,262	29,846
White .....	11,703	16,482	17,889	18,823	19,873	19,720	25,693	27,303	28,262	29,846
Black .....	10,915	14,590	15,978	16,867	17,908	13,875	17,971	19,522	20,716	20,708
Hispanic <sup>2</sup> .....	9,887	13,522	14,802	15,201	16,006	13,790	17,344	17,680	18,190	18,570

<sup>1</sup> Beginning 1987, based on revised processing procedures; data not directly comparable with prior years. See text, section 14, and source. <sup>2</sup> Persons of Hispanic origin may be of any race.

Source of tables 735 and 736: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 168, and earlier issues.

**No. 737. Money Income of Persons—Percent Distribution by Income Level, Median, and Mean Income, by Sex, 1970 to 1988, and by Age, Race, Hispanic Origin, and Region, 1988**

[As of March of following year. For 1970 and 1975, persons 14 years old and over; thereafter, 15 years old and over. Based on Current Population Survey; see headnote, table 729. For definitions of median and mean, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series G 257-268, for percent distribution by income level, and median income. For composition of regions, see fig. 1, inside front cover]

SEX, YEAR, AGE, RACE, HISPANIC ORIGIN, AND REGION	All persons (mil.)	PERSONS WITH INCOME											Median income (dol.)	Mean income (dol.)
		Total (mil.)	Percent distribution by income (in 1988 dollars) level—											
			1 to 2,499 or less	2,500 to 4,999	5,000 to 9,999	10,000 to 14,999	15,000 to 24,999	25,000 to 49,999	50,000 to 74,999	75,000 and over				
MALE														
1970	70.6	65.0	9.1	6.9	12.0	10.2	24.1	30.9	4.4	2.3	20,337	22,980		
1975	77.6	71.2	8.5	6.4	13.4	11.9	22.7	30.2	4.7	2.2	19,467	22,932		
1980	82.9	78.7	8.3	6.8	13.9	13.7	22.2	28.5	4.7	2.0	17,989	22,023		
1981	84.0	79.7	8.7	7.3	14.4	13.4	22.2	27.5	4.5	1.9	17,534	21,493		
1982	85.0	79.7	9.6	7.1	14.7	14.1	22.2	25.6	4.5	2.1	17,101	21,307		
1983 <sup>2</sup>	86.0	80.8	9.8	7.2	14.5	13.4	22.4	26.0	4.6	2.2	17,414	21,596		
1984	87.3	82.2	8.9	7.3	14.4	13.7	21.1	27.2	5.0	2.4	17,782	22,132		
1985	88.5	83.6	8.6	6.9	14.3	13.4	21.7	27.3	5.4	2.5	17,933	22,706		
1986	89.4	84.5	8.3	6.5	14.0	12.9	21.9	27.9	5.4	3.0	18,473	23,554		
1987 <sup>3</sup>	90.3	85.7	8.1	6.4	13.7	13.5	21.7	27.8	5.8	2.9	18,522	(NA)		
1988	91.0	86.6	7.5	6.4	13.4	13.2	21.9	28.6	5.9	3.2	18,908	24,054		
15-24 years old	17.8	14.6	29.9	16.0	20.3	14.8	13.7	4.8	0.2	0.3	5,843	8,549		
25-34 years old	21.5	20.9	3.3	4.0	10.4	13.5	30.4	33.2	4.0	1.3	20,782	23,316		
35-44 years old	17.7	17.4	3.0	2.8	6.6	8.2	20.8	42.8	10.2	5.5	28,545	32,950		
45-54 years old	11.9	11.7	2.8	3.2	6.8	9.4	18.7	41.0	11.6	6.6	29,578	34,415		
55-64 years old	10.1	10.0	3.3	5.1	11.6	12.9	21.5	32.7	7.8	5.1	22,647	28,730		
65 yr. old and over	12.1	12.0	2.1	8.3	27.7	22.3	22.0	13.3	2.6	1.8	12,471	17,327		
White	78.2	75.2	6.9	5.8	12.5	13.0	22.1	29.9	6.3	3.4	19,959	(NA)		
Black	9.8	8.6	12.3	10.9	20.0	14.9	21.0	18.2	1.9	0.8	12,044	(NA)		
Hispanic <sup>4</sup>	7.0	6.3	8.3	10.1	18.6	19.4	23.4	17.4	1.8	1.0	13,030	(NA)		
Northeast	18.8	17.9	6.4	5.1	11.6	11.6	22.4	31.8	7.2	4.0	21,544	(NA)		
Midwest	22.2	21.3	7.9	6.4	12.9	12.6	21.8	30.1	5.7	2.4	19,156	(NA)		
South	31.1	29.4	7.9	7.6	15.0	14.5	21.9	24.9	5.0	3.1	16,773	(NA)		
West	18.9	17.9	7.3	5.6	13.0	13.6	21.3	29.5	6.1	3.5	19,431	(NA)		
FEMALE														
1970	77.6	51.6	23.5	17.9	21.0	14.9	16.7	5.6	0.3	0.2	6,821	9,568		
1975	85.0	60.8	19.4	17.4	24.4	15.5	16.6	6.3	0.3	0.1	7,443	9,924		
1980	91.1	80.8	22.8	16.3	22.7	15.7	15.7	6.3	0.4	0.1	7,064	9,722		
1981	92.2	82.1	22.4	16.6	23.2	15.5	15.6	6.3	0.3	0.1	7,103	9,683		
1982	93.1	82.5	22.5	16.2	23.0	15.2	15.6	6.8	0.4	0.2	7,217	10,046		
1983 <sup>2</sup>	94.3	83.8	21.8	15.6	22.3	15.2	16.6	7.8	0.6	0.2	7,608	10,570		
1984	95.3	85.6	20.9	15.1	22.7	15.2	16.6	8.7	0.7	0.3	7,820	10,912		
1985	96.4	86.5	20.4	15.1	22.6	14.6	16.9	9.3	0.8	0.3	7,935	11,185		
1986	97.3	87.8	19.6	15.0	22.3	14.3	17.9	9.8	0.8	0.3	8,214	11,594		
1987 <sup>3</sup>	98.2	89.7	18.6	14.5	22.1	14.9	17.9	10.6	0.9	0.4	8,638	(NA)		
1988	99.0	90.6	17.9	14.4	21.5	15.0	18.3	11.4	1.1	0.4	8,884	12,311		
15-24 years old	18.1	14.5	35.2	18.7	21.7	12.9	9.6	1.8	0.1	0.1	4,485	6,596		
25-34 years old	21.8	20.2	16.9	10.1	17.2	16.1	24.7	13.8	0.9	0.3	11,565	13,590		
35-44 years old	18.2	17.0	15.9	8.8	15.9	15.5	22.8	18.8	1.9	0.5	12,546	15,624		
45-54 years old	12.7	11.7	17.5	9.0	16.4	15.4	22.1	17.0	1.8	0.8	12,020	15,435		
55-64 years old	11.3	10.4	18.7	15.6	21.2	14.4	17.3	11.0	1.1	0.7	8,377	12,348		
65 yr. old and over	16.9	16.7	5.9	24.7	36.2	14.9	11.7	5.7	0.7	0.2	7,103	10,140		
White	84.0	77.5	18.1	13.5	21.4	15.1	18.5	11.7	1.1	0.5	9,103	(NA)		
Black	11.8	10.4	15.5	21.1	22.3	14.3	17.3	8.9	0.5	0.1	7,349	(NA)		
Hispanic <sup>4</sup>	7.0	5.5	21.5	17.4	24.2	14.6	14.5	7.2	0.4	0.2	6,990	(NA)		
Northeast	21.4	19.7	16.4	13.5	21.3	14.2	19.8	12.8	1.5	0.4	9,611	(NA)		
Midwest	24.0	22.8	19.2	14.7	22.4	15.1	17.6	9.8	0.9	0.4	8,299	(NA)		
South	34.2	30.6	18.3	16.1	21.0	15.7	17.8	10.1	0.7	0.3	8,424	(NA)		
West	19.5	17.8	17.1	12.3	21.6	14.4	18.7	14.0	1.3	0.6	9,699	(NA)		

NA Not available. <sup>1</sup> Includes persons with income deficit. <sup>2</sup> Beginning 1983, based on revised Hispanic population controls; data not directly comparable with prior years. <sup>3</sup> Beginning 1987, based on revised processing procedures; data not directly comparable with prior years. <sup>4</sup> Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 166.

### No. 738. Married-Couple Families With Earnings, by Work Experience of Husbands and Wives: 1981 and 1987

[As of March of following year. Based on Current Population Survey; see text, sections 1 and 14 and Appendix III. Money earnings is the sum of wages or salary and net income from farm and nonfarm self-employment; see text, section 13]

WORK EXPERIENCE OF HUSBAND	NUMBER (1,000)					MEAN EARNINGS (dol.)				
	Total	Wife worked			Wife did not work	Total	Wife worked			Wife did not work
		Total	Worked at full-time jobs	Worked at part-time jobs			Total	Worked at full-time jobs	Worked at part-time jobs	
<b>1981</b>										
Total	42,199	28,209	18,738	9,471	13,991	25,551	27,163	28,568	24,345	22,301
Husband worked in 1981	40,249	26,258	17,408	8,850	13,991	26,386	28,562	29,955	25,822	22,301
Full-time jobs	37,560	24,808	16,536	8,273	12,751	27,479	29,360	30,579	26,924	23,821
Part-time jobs	2,689	1,450	873	577	1,239	11,109	14,911	18,134	10,043	6,661
Husband did not work in 1981	1,950	1,950	1,329	621	(X)	8,333	10,686		3,300	(X)
<b>1987</b>										
Total	43,450	31,586	21,585	10,001	11,864	37,171	39,486	41,764	34,569	31,008
Husband worked in 1987	41,142	29,278	20,134	9,144	11,864	38,610	41,690	43,678	37,315	31,008
Full-time jobs	38,400	27,791	19,284	8,507	10,608	40,288	42,806	44,517	38,927	33,694
Part-time jobs	2,742	1,487	850	637	1,256	15,104	20,841	24,634	15,781	8,312
Husband did not work in 1987	2,308	2,308	1,451	857	(X)	11,523	15,218	5,264		(X)

X Not applicable.

### No. 739. Mean Earnings of Husbands and Wives in Married-Couple Families: 1981 and 1987

[In dollars. As of March of following year. See headnote, table 738]

CHARACTERISTIC	CURRENT DOLLARS				CONSTANT (1987) DOLLARS			
	Husband		Wife		Husband		Wife	
	1981	1987	1981	1987	1981	1987	1981	1987
<b>Total</b>	<b>20,866</b>	<b>29,154</b>	<b>8,598</b>	<b>13,245</b>	<b>26,075</b>	<b>29,154</b>	<b>10,744</b>	<b>13,245</b>
Age: 15 to 24 years	12,378	15,028	6,433	8,791	15,468	15,028	8,039	8,791
25 to 34 years	18,711	25,238	8,813	13,077	23,382	25,238	11,013	13,077
35 to 44 years	24,170	33,166	8,984	14,764	30,204	33,166	11,227	14,764
45 to 54 years	23,938	34,648	9,210	14,094	29,914	34,648	11,509	14,094
55 to 64 years	21,874	28,727	8,222	12,251	27,334	28,727	11,024	12,251
65 years and over	10,663	16,132	5,500	7,581	13,325	16,132	6,873	7,581
Age of own children under 18 years: No own children	19,888	27,755	9,594	14,256	24,853	27,755	11,989	14,256
One or more children	21,596	30,256	7,779	12,395	26,987	30,256	9,721	12,395
All under 6	18,859	28,161	7,379	12,163	23,567	28,161	9,221	12,163
Some under 6, some 6 to 17	20,946	29,564	6,575	10,732	26,176	29,564	8,216	10,732
All 6 to 17	23,215	31,636	8,318	13,067	29,010	31,636	10,394	13,067
Work experience: Worked at full-time jobs	21,870	30,600	10,957	16,603	27,329	30,600	13,692	16,603
Worked at part-time jobs	6,835	8,790	3,621	5,959	8,541	8,790	4,787	5,959
Years of school completed: Less than 12 years	13,783	18,048	5,964	8,081	17,722	18,048	7,453	8,081
High school, 4 years	18,967	24,483	7,897	11,373	24,483	24,483	9,868	11,373
College: 1 to 3 years	21,473	29,179	9,352	13,872	26,833	29,179	11,687	13,872
4 years	27,343	38,973	10,681	17,599	34,169	38,973	13,347	17,599
5 or more years	32,863	46,853	14,914	22,769	41,067	46,853	18,637	22,769

Source of tables 738 and 739: U.S. Bureau of the Census, *Current Population Reports*, series P-60, Nos. 163 and 165.

### No. 740. Mean Money Earnings, by Educational Attainment, Sex, and Age: 1988

[In dollars. For year-round full-time workers 25 years old and over. As of March 1989. See headnote, table 738]

AGE AND SEX	Total	Elementary, 8 years or less	SECONDARY			COLLEGE			
			Total	1-3 years	4 years	Total	1-3 years	4 years	5 or more years
<b>Male, total</b>	<b>32,558</b>	<b>18,903</b>	<b>26,292</b>	<b>22,430</b>	<b>27,139</b>	<b>39,671</b>	<b>31,543</b>	<b>40,415</b>	<b>50,262</b>
25-34 years old	26,520	14,923	22,698	18,915	23,434	31,035	26,486	32,956	37,354
35-44 years old	36,044	20,455	27,922	22,737	28,777	42,343	32,698	43,087	53,692
45-54 years old	37,039	20,348	29,487	24,935	30,660	47,248	38,158	47,432	57,164
55-64 years old	33,975	20,713	27,930	25,231	28,852	45,073	34,500	49,272	51,860
65 years old and over	28,659	13,941	26,517	21,630	27,961	38,176	32,990	34,124	45,742
<b>Female, total</b>	<b>20,531</b>	<b>11,710</b>	<b>16,856</b>	<b>13,634</b>	<b>17,336</b>	<b>24,933</b>	<b>21,310</b>	<b>25,674</b>	<b>31,189</b>
25-34 years old	19,593	11,009	15,728	11,724	16,166	22,970	19,526	24,688	27,740
35-44 years old	21,740	12,201	17,108	13,967	17,551	26,432	22,334	27,220	32,957
45-54 years old	21,563	12,273	18,288	14,738	18,953	27,242	23,680	26,822	33,667
55-64 years old	19,047	11,445	16,865	15,134	17,321	24,769	21,215	25,465	31,080
65 years old and over	15,570	9,430	14,257	11,963	14,891	18,674	18,414	13,054	25,858

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, unpublished data.



### No. 741. Married-Couple Families With Earnings: Occupation of Longest Job in 1987 of Husband and Wife

[Married-couple families as of March 1988. Based on Current Population Survey. See headnote, table 738]

OCCUPATION OF LONGEST JOB OF HUSBAND	Total <sup>1</sup>	WIFE WORKED IN 1987									Wife did not work in 1987
		Total <sup>1</sup>	Occupation of longest job of wife								
			Exec., administrators and managerial	Professional specialty	Technical and related support	Sales workers	Admin. support, incl. clerical	Precision production, craft, and repair	Operators, fabricators, laborers	Service workers	
NUMBER (1,000)											
Total .....	43,450	31,579	3,449	4,898	1,038	3,808	9,483	777	2,909	4,807	11,870
Husband worked in 1987 <sup>2</sup>	41,072	29,219	3,266	4,643	983	3,523	8,883	712	2,624	4,200	11,853
Occupation of longest job of husband:											
Executive, administrators, and managerial .....	6,556	4,811	882	1,016	161	529	1,614	74	138	381	1,745
Professional specialty .....	5,477	3,999	510	1,534	127	364	999	59	90	304	1,477
Technical and related support .....	1,158	862	110	176	75	72	277	16	36	100	296
Sales workers .....	4,708	3,459	475	542	121	680	1,102	51	148	315	1,250
Administrative support, including clerical .....	2,019	1,503	161	192	74	141	572	27	129	205	516
Precision production, craft and repair .....	8,853	6,162	555	573	188	750	1,950	244	787	1,069	2,691
Operators, fabricators, and laborers .....	7,727	5,310	311	323	154	648	1,545	156	1,031	1,102	2,417
Service workers .....	2,811	1,951	194	191	56	228	552	49	147	527	861
Farming, forestry, and fishing .....	1,763	1,162	67	96	27	112	272	35	117	196	601
Husband did not work in 1987 <sup>3</sup>	2,378	2,360	183	255	55	285	601	66	285	607	17
MEAN EARNINGS (dollars)											
Total .....	37,171	39,488	51,181	53,099	44,164	37,082	39,866	36,003	28,342	28,162	31,007
Husband worked in 1987 <sup>2</sup>	38,629	41,715	52,945	55,081	45,838	39,214	41,626	38,192	30,230	28,967	31,022
Occupation of longest job of husband:											
Executive, administrators, and managerial .....	53,627	55,048	60,251	67,037	63,405	54,154	50,329	(B)	37,588	37,594	49,708
Professional specialty .....	53,383	55,520	65,916	60,311	54,647	54,503	50,039	(B)	38,658	37,729	47,598
Technical and related support .....	42,257	44,493	53,628	50,851	45,172	(B)	42,452	(B)	(B)	36,094	35,741
Sales workers .....	43,562	45,927	58,521	53,880	46,988	42,553	44,409	(B)	33,553	32,973	37,016
Administrative support, including clerical .....	34,079	37,434	43,165	42,483	(B)	35,843	38,433	(B)	31,392	26,805	24,305
Precision production, craft and repair .....	32,571	35,651	43,035	42,842	38,836	33,173	38,086	35,906	30,889	28,456	25,518
Operators, fabricators, and laborers .....	28,725	32,198	38,141	40,240	36,592	29,925	35,483	35,192	29,412	26,676	21,092
Service workers .....	26,826	31,362	38,882	40,582	(B)	27,151	35,103	(B)	24,392	24,686	6,548
Farming, forestry, and fishing .....	19,329	22,962	(B)	36,529	(B)	19,769	27,181	(B)	18,553	17,962	12,299
Husband did not work in 1987 <sup>3</sup>	11,989	11,925	19,700	17,079	(B)	10,761	13,825	(B)	10,974	6,745	(B)

B Base figure too small to meet statistical standards for reliability of derived figure. <sup>1</sup> Includes farming, forestry, and fishing, not shown separately. <sup>2</sup> Excludes husbands whose longest job was in the Armed Forces. <sup>3</sup> Includes husbands whose longest job was in the Armed Forces.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 165.

### No. 742. Per Capita Money Income in Current and Constant (1989) Dollars, by Race and Hispanic Origin: 1970 to 1989

[In dollars. See headnote, table 737]

YEAR	CURRENT DOLLARS				CONSTANT (1989) DOLLARS			
	All races	White	Black	Hispanic <sup>1</sup>	All races	White	Black	Hispanic <sup>1</sup>
1970 .....	3,177	3,354	1,869	(NA)	10,153	10,719	5,973	(NA)
1975 .....	4,818	5,072	2,972	2,847	11,105	11,690	6,850	6,562
1976 .....	5,271	5,556	3,286	3,179	11,487	12,108	7,161	6,928
1977 .....	5,785	6,100	3,574	3,538	11,837	12,482	7,313	7,239
1978 .....	6,455	6,797	4,034	3,961	12,276	12,927	7,672	7,533
1979 .....	7,168	7,574	4,444	4,432	12,243	12,936	7,590	7,570
1980 .....	7,787	8,233	4,804	4,865	11,718	12,389	7,229	7,321
1981 .....	8,476	8,979	5,129	5,349	11,562	12,249	6,997	7,297
1982 .....	8,980	9,527	5,360	5,448	11,539	12,242	6,887	7,001
1983 <sup>2</sup> .....	9,548	10,125	5,755	5,852	11,887	12,605	7,165	7,286
1984 .....	10,328	10,939	6,277	6,401	12,326	13,055	7,491	7,639
1985 .....	11,013	11,671	6,840	6,613	12,692	13,450	7,883	7,621
1986 .....	11,670	12,352	7,207	7,000	13,203	13,975	8,154	7,920
1987 <sup>3</sup> .....	12,391	13,143	7,645	7,653	13,525	14,346	8,345	8,354
1988 .....	13,123	13,896	8,271	7,956	13,755	14,566	8,670	8,339
1989 .....	14,056	14,896	8,747	8,390	14,056	14,896	8,747	8,390

NA Not available. <sup>1</sup> Hispanic persons may be of any race. <sup>2</sup> Beginning 1983, based on revised Hispanic population controls; data not directly comparable to prior years. <sup>3</sup> Beginning 1987, based on revised processing procedures; data not directly comparable to prior years.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 168.

**No. 743. Per Capita Money Income, 1969 to 1987, and Median Family Income, 1969 and 1979, by State**(In dollars. For definition of median, see Guide to Tabular Presentation. See also *Historical Statistics, Colonial Times to 1970*, series G 205-256 and Appendix III)

STATE	PER CAPITA INCOME			MEDIAN FAMILY INCOME		STATE	PER CAPITA INCOME			MEDIAN FAMILY INCOME	
	1969	1979	1987	1969	1979		1969	1979	1987	1969	1979
<b>United States.</b>	<b>3,119</b>	<b>7,298</b>	<b>11,923</b>	<b>9,586</b>	<b>19,917</b>	Missouri.	2,952	6,917	11,203	8,908	18,784
Alabama	2,317	5,894	9,615	7,263	16,347	Montana	2,696	6,589	9,322	8,509	18,413
Alaska	3,725	10,193	13,263	12,441	28,395	Nebraska	2,797	6,934	11,139	8,562	19,122
Arizona	2,937	7,042	11,521	9,185	19,017	Nevada	3,554	8,453	12,603	10,687	21,311
Arkansas	2,142	5,614	9,051	6,271	14,641	New Hampshire	2,965	6,966	13,529	9,682	19,723
California	3,614	8,294	13,197	10,729	21,537	New Jersey	3,674	8,127	15,028	11,403	22,906
Colorado	3,106	7,998	12,271	9,552	21,279	New Mexico	2,437	6,119	9,434	7,845	16,928
Connecticut	3,885	8,511	16,094	11,808	23,149	New York	3,608	7,496	13,167	10,609	20,180
Delaware	3,265	7,449	12,785	10,209	20,817	North Carolina	2,474	6,132	10,856	7,770	16,792
District of Columbia	3,842	8,960	14,778	9,576	19,099	North Dakota	2,469	6,417	9,641	7,836	18,023
Florida	3,058	7,260	12,456	8,261	17,280	Ohio	3,199	7,284	11,323	10,309	20,909
Georgia	2,640	6,380	11,406	8,165	17,414	Oklahoma	2,694	6,854	9,927	7,720	17,688
Hawaii	3,373	7,740	12,290	11,552	22,750	Oregon	3,148	7,556	11,045	9,487	20,027
Idaho	2,644	6,248	9,159	8,380	17,492	Pennsylvania	3,066	7,075	11,544	9,554	19,995
Illinois	3,495	8,064	12,437	10,957	22,746	Rhode Island	3,121	6,897	12,351	9,793	19,448
Indiana	3,070	7,142	11,078	9,966	20,535	South Carolina	2,303	5,884	9,967	7,620	16,978
Iowa	2,884	7,136	11,198	9,016	20,052	South Dakota	2,387	5,696	8,910	7,490	15,993
Kansas	2,929	7,350	11,520	8,690	19,707	Tennessee	2,464	6,212	10,448	7,446	16,564
Kentucky	2,425	5,973	9,380	7,439	16,444	Texas	2,792	7,203	10,645	8,486	19,618
Louisiana	2,330	6,425	8,961	7,527	18,088	Utah	2,697	6,305	9,288	9,320	20,024
Maine	2,548	5,768	10,478	8,205	16,167	Vermont	2,772	6,177	11,234	8,928	17,205
Maryland	3,512	8,293	14,697	11,057	23,112	Virginia	2,996	7,475	13,658	9,044	20,018
Massachusetts	3,408	7,458	14,389	10,833	21,166	Washington	3,357	8,073	12,184	10,404	21,696
Michigan	3,357	7,688	11,973	11,029	22,107	West Virginia	2,333	6,142	8,980	7,414	17,308
Minnesota	3,038	7,451	12,281	9,928	21,185	Wisconsin	3,032	7,241	11,417	10,065	20,915
Mississippi	1,925	5,183	8,088	6,068	14,591	Wyoming	2,895	7,927	9,826	8,944	22,430

Source: U.S. Bureau of the Census, *1970 Census of Population*, vol. 1; *1980 Census of Population*, vol. 1, chapter C (PC 80-1C), and *Current Population Reports*, series P-26, No. 88.**No. 744. Per Capita Money Income for 50 Largest Cities: 1979 and 1987**

CITIES RANKED BY POPULATION-SIZE, 1988	1979	1987	Percent change, 1979- 1987	CITIES RANKED BY POPULATION-SIZE, 1988	1979	1987	Percent change, 1979- 1987
New York, NY	7,271	12,926	77.8	Denver, CO	8,553	12,980	51.8
Los Angeles, CA	8,415	13,592	61.5	Nashville-Davidson, TN	7,276	12,583	72.9
Chicago, IL	6,933	10,806	55.9	Austin, TX	7,368	11,860	61.0
Houston, TX	8,826	12,007	36.0	Kansas City, MO	7,480	12,077	61.5
Philadelphia, PA	6,053	10,002	65.2	Oklahoma City, OK	7,999	11,547	44.4
San Diego, CA	8,016	12,978	61.9	Fort Worth, TX	7,336	11,082	51.1
Detroit, MI	6,215	9,662	55.5	Atlanta, GA	6,539	11,689	78.8
Dallas, TX	8,607	13,489	56.7	Portland, OR	8,104	11,830	46.0
San Antonio, TX	5,763	8,779	52.3	Long Beach, CA	8,342	12,947	55.2
Phoenix, AZ	7,552	12,375	63.9	St. Louis, MO	5,877	9,718	65.4
Honolulu	7,912	12,734	60.9	Tucson, AZ	6,537	10,204	56.1
Baltimore, MD	5,877	9,989	70.0	Albuquerque, NM	7,440	11,988	61.1
San Jose, CA	8,377	13,711	63.7	Pittsburgh, PA	6,845	10,988	60.5
San Francisco, CA	9,265	15,137	63.4	Miami, FL	6,084	9,830	61.6
Indianapolis, IN	7,585	12,111	59.7	Cincinnati, OH	6,874	11,223	63.3
Memphis, TN	6,466	10,347	60.0	Tulsa, OK	8,842	12,829	45.1
Jacksonville, FL	6,767	11,514	70.1	Charlotte, NC	7,965	13,970	75.4
Washington, DC	8,959	14,778	65.0	Virginia Beach, VA	7,704	13,141	70.6
Milwaukee, WI	7,029	10,593	50.7	Oakland, CA	7,701	12,215	58.6
Boston, MA	6,555	12,984	98.1	Omaha, NE	7,718	12,480	61.7
Columbus, OH	6,783	10,811	59.4	Minneapolis, MN	7,940	13,092	64.9
New Orleans, LA	6,463	9,340	44.5	Toledo, OH	7,050	10,872	54.2
Cleveland, OH	5,770	8,690	50.6	Sacramento, CA	7,558	11,580	53.2
El Paso, TX	5,431	8,027	47.8	Newark, NJ	4,525	7,622	68.4
Seattle, WA	9,282	14,438	55.5	Buffalo, NY	5,929	9,354	57.8

<sup>1</sup> Data are for Honolulu County.Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. 1, chapter C (PC 80-1-C) and *Current Population Reports*, series, P-26, No. 88.

### No. 745. Persons Below Poverty Level and Below 125 Percent of Poverty Level: 1959 to 1989

[Persons as of March of the following year. For explanation of poverty level, see text, section 14]

YEAR	NUMBER BELOW POVERTY LEVEL (mil.)				PERCENT BELOW POVERTY LEVEL				BELOW 125 PERCENT OF POVERTY LEVEL		AVERAGE INCOME CUTOFFS FOR NON-FARM FAMILY OF FOUR <sup>3</sup>	
	All races <sup>1</sup>	White	Black	Hispanic <sup>2</sup>	All races <sup>1</sup>	White	Black	Hispanic <sup>2</sup>	Number (mil.)	Percent of total population	At poverty level	At 125 percent of poverty level
1959	39.5	28.5	9.9	(NA)	22.4	18.1	55.1	(NA)	54.9	31.1	\$2,973	\$3,716
1960	39.9	28.3	(NA)	(NA)	22.2	17.8	(NA)	(NA)	54.6	30.4	3,022	3,778
1966	28.5	20.8	8.9	(NA)	14.7	12.2	41.8	(NA)	41.3	21.3	3,317	4,146
1969	24.1	16.7	7.1	(NA)	12.1	9.5	32.2	(NA)	34.7	17.4	3,743	4,679
1970	25.4	17.5	7.5	(NA)	12.6	9.9	33.5	(NA)	35.6	17.6	3,968	4,960
1975	25.9	17.8	7.5	3.0	12.3	9.7	31.3	26.9	37.2	17.6	5,500	6,875
1976	25.0	16.7	7.6	2.8	11.8	9.1	31.1	24.7	35.5	16.7	5,815	7,269
1977	24.7	16.4	7.7	2.7	11.6	8.9	31.3	22.4	35.7	16.7	6,191	7,739
1978	24.5	16.3	7.6	2.6	11.4	8.7	30.6	21.6	34.2	15.8	6,662	8,328
1979 <sup>4</sup>	26.1	17.2	8.1	2.9	11.7	9.0	31.0	21.8	36.6	16.4	7,412	9,265
1980	29.3	19.7	8.6	3.5	13.0	10.2	32.5	25.7	40.7	18.1	8,414	10,518
1981	31.8	21.6	9.2	3.7	14.0	11.1	34.2	26.5	43.7	19.3	9,287	11,609
1982	34.4	23.5	9.7	4.3	15.0	12.0	35.6	29.9	46.5	20.3	9,862	12,328
1983	35.3	24.0	9.9	4.6	15.2	12.1	35.7	28.0	47.2	20.3	10,178	12,723
1984	33.7	23.0	9.5	4.8	14.4	11.5	33.8	28.4	45.3	19.4	10,609	13,261
1985	33.1	22.9	8.9	5.2	14.0	11.4	31.3	29.0	44.2	18.7	10,989	13,736
1986	32.4	22.2	9.0	5.1	13.6	11.0	31.1	27.3	43.5	18.2	11,203	14,004
1987 <sup>5</sup>	32.2	21.2	9.5	5.4	13.4	10.4	32.4	28.0	43.0	17.9	11,611	14,514
1988	31.7	20.7	9.4	5.4	13.0	10.1	31.3	26.7	42.6	17.5	12,092	15,115
1989	31.5	20.8	9.3	5.4	12.8	10.0	30.7	26.2	42.7	17.3	12,675	15,844

NA Not available. <sup>1</sup> Includes other races not shown separately. <sup>2</sup> Hispanic persons may be of any race. <sup>3</sup> Beginning 1981, income cutoffs for nonfarm families are applied to all families, both farm and nonfarm. <sup>4</sup> Population controls based on 1980 census; see text, sections 1 and 14. <sup>5</sup> Beginning 1987, based on revised processing procedures; data not directly comparable with prior years.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 168, and earlier reports.

### No. 746. Children Below the Poverty Level, by Race and Hispanic Origin: 1970 to 1989

[Persons as of March of the following year. Covers only related children in families under 18 years old. Based on Current Population Survey; see headnote, table 729. For explanation of poverty, see text, section 14]

YEAR AND REGION	NUMBER BELOW POVERTY LEVEL (1,000)				PERCENT BELOW POVERTY LEVEL			
	All races <sup>1</sup>	White	Black	Hispanic <sup>2</sup>	All races <sup>1</sup>	White	Black	Hispanic <sup>2</sup>
1970	10,235	6,138	3,922	(NA)	14.9	10.5	41.5	(NA)
1971	10,344	6,341	3,836	(NA)	15.1	10.9	40.7	(NA)
1972	10,082	5,784	4,025	(NA)	14.9	10.1	42.7	(NA)
1973	9,453	5,462	3,822	1,364	14.2	9.7	40.6	27.8
1974	9,967	6,079	3,713	1,414	15.1	11.0	39.6	28.6
1975	10,882	6,748	3,884	1,619	16.8	12.5	41.4	33.1
1976	10,081	6,034	3,758	1,424	15.8	11.3	40.4	30.1
1977	10,028	5,943	3,850	1,402	16.0	11.4	41.6	28.0
1978	9,722	5,674	3,781	1,354	15.7	11.0	41.2	27.2
1979	9,993	5,909	3,745	1,505	16.0	11.4	40.8	27.7
1980	11,114	6,817	3,906	1,718	17.9	13.4	42.1	33.0
1981	12,068	7,429	4,170	1,874	19.5	14.7	44.9	35.4
1982	13,139	8,282	4,388	2,117	21.3	16.5	47.3	38.9
1983	13,427	8,534	4,273	2,251	21.8	17.0	46.2	37.7
1984	12,929	8,086	4,320	2,317	21.0	16.1	46.2	38.7
1985	12,483	7,838	4,057	2,512	20.1	15.6	43.1	39.6
1986	12,257	7,714	4,039	2,413	19.8	15.3	42.7	37.1
1987 <sup>3</sup>	12,275	7,398	4,234	2,606	19.7	14.7	44.4	38.9
1988	11,935	7,095	4,148	2,576	19.0	14.0	42.8	37.3
1989	12,001	7,165	4,257	2,496	19.0	14.1	43.2	35.5

NA Not available. <sup>1</sup> Includes persons of other races, not shown separately. <sup>2</sup> Hispanic persons may be of any race. <sup>3</sup> Beginning 1987, based on revised processing procedures; data not directly comparable with prior years.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 168, and earlier reports.

### No. 747. Distribution of All Children and of Poor Children, by Family Type and Race: 1987

[Based on unpublished tabulations from the 1988 March Supplement to the Current Population Survey. Numbers and percentages may not add due to rounding]

AGE, RACE AND FAMILY TYPE	ALL CHILDREN		CHILDREN BELOW POVERTY LINE		Poverty rate	AGE, RACE AND FAMILY TYPE	ALL CHILDREN		CHILDREN BELOW POVERTY LINE		Poverty rate
	Number (mil.)	Per-cent	Number (mil.)	Per-cent			Number (mil.)	Per-cent	Number (mil.)	Per-cent	
ALL FAMILIES						Married-couple	13.7	86.7	1.1	52.4	8.0
Children under 18 years:						Single-parent	2.1	13.3	1.0	47.6	47.6
All family types	63.0	100.0	12.8	100.0	20.6	Mother-only	1.8	11.4	0.9	42.9	48.2
Married-couple	46.5	73.8	4.7	36.7	10.4	Other <sup>1</sup>	0.3	1.9	0.1	4.8	40.8
Single-parent	16.5	26.2	8.1	63.3	46.2	Black:					
Mother-only	12.5	19.8	6.9	53.9	51.2	All family types	3.3	100.0	1.6	100.0	48.4
Other <sup>1</sup>	4.0	6.4	1.2	9.4	28.2	Married-couple	1.0	30.3	0.2	12.5	19.9
Children under 6 years:						Single-parent	2.3	69.7	1.4	87.5	60.9
All family types	21.9	100.0	5.0	100.0	22.8	Mother-only	1.8	54.5	1.2	75.0	67.2
Married-couple	16.5	75.3	1.9	38.0	11.6	Other <sup>1</sup>	0.5	15.2	0.2	12.5	39.3
Single-parent	5.4	24.7	3.1	62.0	57.4	Hispanic <sup>2</sup>					
Mother-only	4.4	20.1	2.7	54.0	61.4	All family types	2.5	100.0	1.1	100.0	41.8
Other <sup>1</sup>	1.0	4.6	0.4	8.0	40.0	Married-couple	1.7	68.0	0.5	45.5	30.0
CHILDREN UNDER 6 YEARS OLD						Single-parent	0.9	36.0	0.6	54.5	66.7
White:						Mother-only	0.7	28.0	0.5	45.5	70.3
All family types	15.8	100	2.1	100.0	13.1	Other <sup>1</sup>	0.2	8.0	0.1	9.0	42.6

<sup>1</sup> Includes father-only, relative-only, and nonrelative-only families. <sup>2</sup> Hispanic persons may be of any race.  
Source: National Center for Children in Poverty, Columbia University, New York, New York.

### No. 748. Persons Below Poverty Level, by Race, Hispanic Origin, Age, and Region: 1989

[Persons as of March 1990. Based on Current Population Survey; see headnote, table 729. For explanation of poverty level, see text, section 14. For composition of regions, see fig. 1, inside front cover]

AGE AND REGION	NUMBER BELOW POVERTY LEVEL (1,000)				PERCENT BELOW POVERTY LEVEL			
	All races <sup>1</sup>	White	Black	Hispanic <sup>2</sup>	All races <sup>1</sup>	White	Black	Hispanic <sup>2</sup>
<b>Total</b>	<b>31,534</b>	<b>20,788</b>	<b>9,305</b>	<b>5,430</b>	<b>12.8</b>	<b>10.0</b>	<b>30.7</b>	<b>26.2</b>
Under 16 years old	11,576	7,014	3,996	2,393	20.1	15.2	44.7	36.6
16 to 21 years old	3,214	2,041	990	635	15.3	12.0	31.7	28.5
22 to 44 years old	9,447	6,471	2,505	1,684	10.3	8.4	22.7	20.9
45 to 54 years old	1,883	1,323	462	289	7.4	6.1	17.4	17.0
55 to 59 years old	1,027	693	309	111	9.7	7.6	28.6	17.4
60 to 64 years old	1,017	705	277	107	9.5	7.5	27.0	18.8
65 years old and over	3,369	2,542	766	211	11.4	9.6	30.8	20.6
Northeast	5,061	3,502	1,303	958	10.0	8.0	24.7	29.6
Midwest	7,043	4,718	2,181	352	11.9	9.0	36.4	24.7
South	12,943	7,498	5,220	1,855	15.4	11.4	31.6	28.7
West	6,487	5,070	601	2,266	12.5	11.3	23.5	23.6

<sup>1</sup> Includes other races not shown separately. <sup>2</sup> Hispanic persons may be of any race.  
Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 168.

### No. 749. Persons 65 Years Old and Over Below Poverty Level, by Selected Characteristics: 1970 to 1988

[Persons as of March of following year. See headnote, table 748]

CHARACTERISTIC	NUMBER BELOW POVERTY LEVEL (1,000)					PERCENT BELOW POVERTY LEVEL				
	1970	1979 <sup>1</sup>	1985	1987 <sup>2</sup>	1988	1970	1979 <sup>1</sup>	1985	1987 <sup>2</sup>	1988
<b>Persons, 65 yr. and over<sup>3</sup></b>	<b>4,793</b>	<b>3,682</b>	<b>3,456</b>	<b>3,563</b>	<b>3,481</b>	<b>24.6</b>	<b>15.2</b>	<b>12.6</b>	<b>12.5</b>	<b>12.0</b>
White	4,011	2,911	2,698	2,704	2,593	22.6	13.3	11.0	10.6	10.0
Black	735	740	717	774	785	47.7	36.3	31.5	32.4	32.2
Hispanic <sup>4</sup>	(NA)	154	219	243	225	(NA)	26.8	23.9	27.5	22.4
In families	2,013	1,380	1,173	1,266	1,200	14.8	8.4	6.4	6.6	6.1
Unrelated individuals	2,779	2,299	2,281	2,293	2,277	47.2	29.4	25.6	24.7	24.1
<b>Persons, 60 yr. and over</b>	<b>5,977</b>	<b>4,753</b>	<b>4,677</b>	<b>4,684</b>	<b>4,606</b>	<b>21.3</b>	<b>13.9</b>	<b>12.3</b>	<b>11.9</b>	<b>11.8</b>

NA Not available. <sup>1</sup> Population controls based on 1980 census; see text, section 14. <sup>2</sup> Beginning 1987, based on revised processing procedures; data not directly comparable with prior years. <sup>3</sup> Beginning 1979, includes members of unrelated subfamilies not shown separately. For earlier years, unrelated subfamily members are included in the "In families" category. <sup>4</sup> Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 168, and unpublished data.

### No. 750. Persons Below Poverty Level and Below 125 Percent of Poverty Level, by Race of Householder and Family Status: 1979 to 1988

[Persons as of March of following year. For explanation of poverty level, see text, section 14]

RACE OF HOUSEHOLDER AND FAMILY STATUS	BELOW POVERTY LEVEL					BELOW 125 PERCENT OF POVERTY LEVEL				
	1979 <sup>1</sup>	1985	1986	1987 <sup>2</sup>	1988	1979 <sup>1</sup>	1985	1986	1987 <sup>2</sup>	1988
NUMBER (mil.)										
<b>All persons<sup>3</sup></b>	<b>26.1</b>	<b>33.1</b>	<b>32.4</b>	<b>32.2</b>	<b>31.7</b>	<b>36.6</b>	<b>44.2</b>	<b>43.5</b>	<b>43.0</b>	<b>42.6</b>
In families	20.0	25.7	24.8	24.7	24.0	28.1	34.4	33.2	(NA)	(NA)
Householder	5.5	7.2	7.0	7.0	6.9	7.8	9.8	9.5	9.3	9.3
Related children under 18 years	10.0	12.5	12.3	12.3	11.9	13.4	15.8	15.5	(NA)	(NA)
Other family members	4.5	6.0	5.5	5.4	5.2	7.0	8.9	8.2	(NA)	(NA)
Unrelated individuals	5.7	6.7	6.8	6.9	7.1	8.0	9.1	9.4	9.6	9.6
<b>White</b>	<b>17.2</b>	<b>22.9</b>	<b>22.2</b>	<b>21.2</b>	<b>20.7</b>	<b>25.2</b>	<b>31.5</b>	<b>30.7</b>	<b>29.7</b>	<b>29.2</b>
In families	12.5	17.1	16.4	15.6	15.0	18.4	23.7	22.6	(NA)	(NA)
Householder	3.6	5.0	4.8	4.6	4.5	5.3	7.0	6.7	6.4	6.3
Related children under 18 years	5.9	7.8	7.7	7.4	7.1	8.2	10.3	10.0	(NA)	(NA)
Other family members	3.0	4.3	3.9	3.6	3.4	4.8	6.4	5.9	(NA)	(NA)
Unrelated individuals	4.5	5.3	5.2	5.2	5.3	6.5	7.3	7.4	7.5	7.4
<b>Black</b>	<b>8.1</b>	<b>8.9</b>	<b>9.0</b>	<b>9.5</b>	<b>9.4</b>	<b>10.3</b>	<b>11.1</b>	<b>11.2</b>	<b>11.5</b>	<b>11.3</b>
In families	6.8	7.5	7.4	7.8	7.7	8.8	9.3	9.2	(NA)	(NA)
Householder	1.7	2.0	2.0	2.1	2.1	2.2	2.5	2.5	2.6	2.5
Related children under 18 years	3.7	4.1	4.0	4.2	4.1	4.7	4.8	4.8	(NA)	(NA)
Other family members	1.3	1.5	1.4	1.5	1.4	1.9	2.1	1.9	(NA)	(NA)
Unrelated individuals	1.2	1.3	1.4	1.5	1.5	1.4	1.6	1.8	1.8	1.9
<b>In families with female householder, no husband present<sup>3</sup></b>	<b>13.5</b>	<b>16.4</b>	<b>16.9</b>	<b>16.3</b>	<b>16.2</b>	<b>17.4</b>	<b>20.1</b>	<b>21.0</b>	(NA)	(NA)
In families	9.4	11.6	11.9	12.1	12.0	11.6	13.7	14.2	(NA)	(NA)
Householder	2.6	3.5	3.6	3.7	3.6	3.3	4.2	4.3	4.3	4.4
Related children under 18 years	5.6	6.7	6.9	7.0	7.0	6.7	7.6	7.9	(NA)	(NA)
Other family members	1.1	1.4	1.4	1.5	1.4	1.6	2.0	1.9	(NA)	(NA)
Unrelated individuals	3.8	4.2	4.3	4.2	4.2	5.4	5.8	6.0	(NA)	(NA)
<b>In all other families<sup>3</sup></b>	<b>12.6</b>	<b>16.7</b>	<b>15.4</b>	<b>15.3</b>	<b>14.9</b>	<b>19.2</b>	<b>24.1</b>	<b>22.5</b>	(NA)	(NA)
In families	10.6	14.1	12.8	12.6	12.1	16.5	20.7	19.0	(NA)	(NA)
Householder	2.8	3.7	3.4	3.4	3.2	4.5	5.6	5.1	(NA)	(NA)
Related children under 18 years	4.4	5.8	5.3	5.3	5.0	6.6	8.2	7.6	(NA)	(NA)
Other family members	3.4	4.6	4.1	4.0	3.9	5.4	6.9	6.3	(NA)	(NA)
Unrelated individuals	2.0	2.5	2.5	2.7	2.8	2.7	3.3	3.4	(NA)	(NA)
PERCENT OF POPULATION										
<b>All persons<sup>3</sup></b>	<b>11.7</b>	<b>14.0</b>	<b>13.8</b>	<b>13.4</b>	<b>13.0</b>	<b>16.4</b>	<b>18.7</b>	<b>18.2</b>	<b>17.9</b>	<b>17.5</b>
In families	10.2	12.6	12.0	12.0	11.6	14.4	16.9	16.2	(NA)	(NA)
Householder	9.2	11.4	10.9	10.7	10.4	13.1	15.3	14.7	14.3	14.1
Related children under 18 years	16.0	20.1	19.8	19.7	19.0	21.3	25.5	25.1	(NA)	(NA)
Other family members	6.1	7.7	6.9	6.9	6.6	9.5	11.3	10.3	(NA)	(NA)
Unrelated individuals	21.9	21.5	21.6	20.8	20.6	30.7	29.0	29.8	29.0	27.9
<b>White</b>	<b>9.0</b>	<b>11.4</b>	<b>11.0</b>	<b>10.4</b>	<b>10.1</b>	<b>13.1</b>	<b>15.7</b>	<b>15.2</b>	<b>14.6</b>	<b>14.2</b>
In families	7.4	9.9	9.4	8.9	8.6	10.9	13.7	13.0	(NA)	(NA)
Householder	6.9	9.1	8.6	8.1	7.9	10.2	12.7	12.0	11.4	11.2
Related children under 18 years	11.4	15.6	15.3	14.7	14.0	15.9	20.5	20.0	(NA)	(NA)
Other family members	4.7	6.4	5.7	5.3	5.0	7.5	9.5	8.6	(NA)	(NA)
Unrelated individuals	19.7	19.6	19.2	18.3	18.1	28.6	27.0	27.3	26.3	25.3
<b>Black</b>	<b>31.0</b>	<b>31.3</b>	<b>31.1</b>	<b>32.4</b>	<b>31.3</b>	<b>39.9</b>	<b>38.8</b>	<b>38.7</b>	<b>39.3</b>	<b>37.9</b>
In families	30.0	30.5	29.7	31.2	30.0	39.0	37.9	37.1	(NA)	(NA)
Householder	27.8	28.7	28.0	29.4	28.2	36.2	35.8	35.0	35.5	34.2
Related children under 18 years	40.8	43.1	42.7	44.3	42.8	51.1	51.0	50.8	(NA)	(NA)
Other family members	18.2	17.7	16.5	17.9	16.8	26.1	24.8	23.3	(NA)	(NA)
Unrelated individuals	37.3	34.7	38.5	37.0	36.8	45.4	42.7	47.3	46.5	45.6
<b>In families with female householder, no husband present<sup>3</sup></b>	<b>32.0</b>	<b>33.5</b>	<b>34.2</b>	<b>32.9</b>	<b>32.1</b>	<b>41.3</b>	<b>41.1</b>	<b>42.4</b>	(NA)	(NA)
In families	34.9	37.6	38.3	38.1	37.2	43.2	44.5	45.6	(NA)	(NA)
Householder	30.4	34.0	34.6	34.2	33.4	38.2	40.8	41.6	40.5	40.4
Related children under 18 years	48.6	53.6	54.4	53.7	52.9	58.0	60.7	62.3	(NA)	(NA)
Other family members	16.9	17.3	17.5	18.1	16.9	23.9	24.2	24.1	(NA)	(NA)
Unrelated individuals	26.0	24.8	25.1	23.6	23.1	37.0	33.9	35.0	(NA)	(NA)
<b>In all other families<sup>3</sup></b>	<b>7.0</b>	<b>8.9</b>	<b>8.2</b>	<b>8.0</b>	<b>7.8</b>	<b>10.6</b>	<b>12.8</b>	<b>11.9</b>	(NA)	(NA)
In families	6.3	8.2	7.3	7.2	6.9	9.8	11.9	10.9	(NA)	(NA)
Householder	5.5	7.0	6.3	6.1	5.9	8.8	10.5	9.5	(NA)	(NA)
Related children under 18 years	8.5	11.7	10.8	10.6	10.0	13.0	16.5	15.4	(NA)	(NA)
Other family members	5.1	6.6	5.8	5.6	5.4	8.1	9.8	8.8	(NA)	(NA)
Unrelated individuals	16.9	17.4	17.5	17.5	17.7	22.9	23.2	23.5	(NA)	(NA)

<sup>1</sup> Population controls based on 1980 census; see text, section 14. <sup>2</sup> Beginning 1987, based on revised processing procedures; data not directly comparable with prior years. <sup>3</sup> Includes races and members of unrelated subfamilies not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 161, and unpublished data.

### No. 751. Families Below Poverty Level and Below 125 Percent of Poverty Level: 1959 to 1989

[Families as of **March of the following year**. For explanation of poverty level, see text, section 14]

YEAR	NUMBER BELOW POVERTY LEVEL (1,000)				PERCENT BELOW POVERTY LEVEL				BELOW 125 PERCENT OF POVERTY LEVEL	
	All races <sup>1</sup>	White	Black	His- panic <sup>2</sup>	All races <sup>1</sup>	White	Black	His- panic <sup>2</sup>	Number (1,000)	Percent
1959	8,320	6,185	1,860	(NA)	18.5	15.2	48.1	(NA)	11,790	26.2
1960	8,243	6,115	(NA)	(NA)	18.1	14.9	(NA)	(NA)	11,525	25.4
1970	5,260	3,708	1,481	(NA)	10.1	8.0	29.5	(NA)	7,516	14.4
1972	5,075	3,441	1,529	(NA)	9.3	7.1	29.0	(NA)	7,347	13.5
1973	4,828	3,219	1,527	468	8.8	6.6	28.1	19.8	7,044	12.8
1974	4,922	3,352	1,479	526	8.8	6.8	26.9	21.2	7,195	12.9
1975	5,450	3,838	1,513	627	9.7	7.7	27.1	25.1	7,974	14.2
1976	5,311	3,560	1,617	598	9.4	7.1	27.9	23.1	7,647	13.5
1977	5,311	3,540	1,637	591	9.3	7.0	28.2	21.4	7,713	13.5
1978	5,280	3,523	1,622	559	9.1	6.9	27.5	20.4	7,417	12.8
1979	5,320	3,515	1,666	610	9.1	6.8	27.6	19.7	7,586	13.0
1979 <sup>3</sup>	5,461	3,581	1,722	614	9.2	6.9	27.8	20.3	7,784	13.1
1980	6,217	4,195	1,826	751	10.3	8.0	28.9	23.2	8,764	14.5
1981	6,851	4,670	1,972	792	11.2	8.8	30.8	24.0	9,568	15.7
1982	7,512	5,118	2,158	916	12.2	9.6	33.0	27.2	10,279	16.7
1983	7,647	5,220	2,161	981	12.3	9.7	32.3	25.9	(NA)	(NA)
1984	7,277	4,925	2,094	991	11.6	9.1	30.9	25.2	9,901	15.8
1985	7,223	4,983	1,983	1,074	11.4	9.1	28.7	25.5	9,753	15.3
1986	7,023	4,811	1,987	1,085	10.9	8.6	28.0	24.7	9,476	14.7
1987	7,059	4,592	2,149	1,183	10.8	8.2	29.9	25.8	9,458	14.5
1987 <sup>6</sup>	7,005	4,567	2,117	1,168	10.7	8.1	29.4	25.5	9,338	14.3
1988	6,874	4,471	2,089	1,141	10.4	7.9	28.2	23.7	9,284	14.1
1989	6,784	4,409	2,077	1,133	10.3	7.8	27.8	23.4	9,267	14.0

NA Not available. <sup>1</sup> Includes other races not shown separately. <sup>2</sup> Hispanic persons may be of any race. <sup>3</sup> Population controls based on 1970 census; see text, section 14. <sup>4</sup> Population controls based on 1980 census; see text, section 14. <sup>5</sup> Beginning 1983, data based on revised Hispanic population controls; data not directly comparable with prior years. <sup>6</sup> Beginning 1987, based on revised processing procedures; data not comparable with prior years. See text, section 14, and source.  
Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 168.

### No. 752. Families Below Poverty Level—Selected Characteristics, by Race and Hispanic Origin: 1989

[Families as of **March 1990**. For explanation of poverty, see text, section 14. For composition of regions, see fig. 1, inside front cover]

CHARACTERISTIC	NUMBER BELOW POVERTY LEVEL (1,000)				PERCENT BELOW POVERTY LEVEL			
	All races <sup>1</sup>	White	Black	His- panic <sup>2</sup>	All races <sup>1</sup>	White	Black	His- panic <sup>2</sup>
<b>Total</b>	<b>6,784</b>	<b>4,409</b>	<b>2,077</b>	<b>1,133</b>	<b>10.3</b>	<b>7.8</b>	<b>27.8</b>	<b>23.4</b>
Age of householder:								
15 to 24 years old	869	535	312	160	30.4	23.9	60.6	39.4
25 to 34 years old	2,218	1,406	718	390	14.9	11.4	35.3	26.7
35 to 44 years old	1,567	1,012	461	292	9.4	7.2	23.6	23.8
45 to 54 years old	738	500	193	141	6.3	5.0	16.3	17.7
55 to 64 years old	689	447	220	81	7.4	5.5	24.3	15.6
65 years old and over	703	510	173	70	6.6	5.3	19.6	16.0
Northeast	1,092	767	274	225	8.1	6.5	21.4	27.6
Midwest	1,521	1,001	488	74	9.5	7.0	33.7	22.3
South	2,897	1,663	1,179	403	12.5	8.9	28.4	25.2
West	1,274	978	137	432	9.6	8.4	22.9	20.6
Size of family:								
Two persons	2,264	1,601	585	229	8.2	6.6	22.7	18.6
Three persons	1,504	915	532	239	9.8	7.1	27.3	21.5
Four persons	1,416	958	382	281	10.1	8.0	25.8	24.5
Five persons	801	501	272	168	13.5	10.3	33.2	23.6
Six persons	421	234	165	105	21.1	15.6	44.3	30.3
Seven persons or more	378	199	141	111	32.3	25.5	51.2	38.0
Mean size	3.55	3.45	3.68	4.12	(X)	(X)	(X)	(X)
Mean number of children per family with children	2.26	2.18	2.39	2.53	(X)	(X)	(X)	(X)
Education of householder: <sup>3</sup>								
Elementary: Less than 8 years	956	656	246	357	25.5	22.7	34.8	32.5
8 years	474	364	103	98	15.9	14.0	33.4	29.2
High school: 1 to 3 years	1,369	801	530	191	19.2	14.0	41.9	28.4
4 years	2,070	1,394	607	196	8.9	7.0	23.4	16.2
College: 1 year or more	922	595	251	80	3.6	2.6	12.3	8.1
Work experience of householder in 1989: <sup>4</sup>								
Total <sup>5</sup>	6,784	4,409	2,077	1,133	10.3	7.8	27.8	23.4
Worked	3,319	2,331	866	605	6.6	5.3	16.9	16.4
50 to 52 weeks	1,420	1,035	337	271	3.5	2.9	8.9	10.0
49 weeks or less	1,899	1,296	529	334	19.0	15.4	39.7	34.1
Did not work	3,444	2,068	1,201	527	23.4	17.1	54.3	47.8

X Not applicable. <sup>1</sup> Includes other races not shown separately. <sup>2</sup> Hispanic persons may be of any race. <sup>3</sup> Householder 25 years old and over. <sup>4</sup> Restricted to families with civilian workers. <sup>5</sup> Includes Armed Forces not shown separately.  
Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 168.

**No. 753. Persons Below Poverty Level and Poverty Rate, by Definition of Income: 1989**

[Persons as of March 1990. Based on Current Population Survey; see text, sections 1 and 14. For explanation of definitions of income, see text, section 14 and source]

Definition number	DEFINITION OF INCOME	NUMBER BELOW POVERTY LEVEL (1,000)				PERCENT BELOW POVERTY LEVEL			
		All races <sup>1</sup>	White	Black	Hispanic <sup>2</sup>	All races <sup>1</sup>	White	Black	Hispanic <sup>2</sup>
	All persons. . . . .	245,992	206,853	30,332	20,746	(X)	(X)	(X)	(X)
	INCOME BEFORE TAXES								
1	Money income excluding capital gains (current measure) <sup>3</sup>	31,534	20,788	9,305	5,430	12.8	10.0	30.7	26.2
2	Definition 1 less government money transfers	49,125	35,650	11,582	6,493	20.0	17.2	38.2	31.3
3	Definition 2 plus capital gains	48,990	35,550	11,548	6,441	19.9	17.2	38.1	31.0
4	Definition 3 plus health insurance supplements to wage or salary income <sup>4</sup>	47,713	34,541	11,301	6,200	19.4	16.7	37.3	29.9
	INCOME AFTER TAXES								
5	Definition 4 less Social Security payroll taxes	50,018	36,419	11,610	6,752	20.3	17.6	38.3	32.5
6	Definition 5 less Federal income taxes	49,333	35,889	11,479	6,577	20.1	17.3	37.8	31.7
7	Definition 6 less State income taxes	49,850	36,274	11,604	6,601	20.3	17.5	38.3	31.8
8	Definition 7 plus nonmeans-tested government cash transfers <sup>5</sup>	34,296	22,651	9,947	5,870	13.9	11.0	32.8	28.3
10	Definition 8 plus nonmeans-tested government noncash transfers <sup>6</sup>	33,049	21,768	9,630	5,753	13.4	10.5	31.7	27.7
11	Definition 10 plus means-tested government cash transfers <sup>7</sup>	30,715	20,382	8,890	5,401	12.5	9.9	29.3	26.0
13	Definition 11 plus means-tested government noncash transfers <sup>8</sup>	25,620	17,246	7,255	4,466	10.4	8.3	23.9	21.5
14	Definition 13 plus net imputed return on equity in own home <sup>9</sup>	22,810	14,337	6,432	4,019	8.9	6.9	21.2	19.4

X Not applicable. <sup>1</sup> Includes other races not shown separately. <sup>2</sup> Hispanic persons may be of any race. <sup>3</sup> Official definition of income based on money income before taxes and includes government cash transfers. <sup>4</sup> Employer contributions to the health insurance plans of employees. <sup>5</sup> Includes Social Security and Railroad Retirement, veterans payments, and unemployment and workers' compensation. <sup>6</sup> Includes Medicare and subsidies from regular price school lunches. <sup>7</sup> Includes AFDC or other assistance or welfare payments and Supplemental Security Income. Households must meet certain eligibility requirements in order to qualify for these benefits. (See section 12.) <sup>8</sup> Includes Medicaid, food stamps, subsidies from free or reduced-price school lunches, and rent subsidies. <sup>9</sup> Estimated amount of income a household would receive if it chose to shift amount held as home equity into an interest bearing account.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 169-RD.

**No. 754. Families Below Poverty Level—Alternative Inflation Adjustment: 1970 to 1988**

[In thousands, except percent. Families include unrelated individuals and are therefore not directly comparable to Census Bureau definitions; see text, section 1. Adjustments for family size and inflation were made to family income and poverty thresholds; see text, section 14. Based on March Current Population Survey, 1971-89]

ITEM	1970	1975	1980	1982	1983	1984	1985	1986	1987	1988
NUMBER OF FAMILIES BELOW POVERTY LEVEL										
All families . . . . .	9,775	9,630	10,869	12,142	12,695	12,091	12,203	12,269	12,468	12,515
Families with children <sup>1</sup> . . . . .	3,330	3,903	4,432	5,291	5,463	5,230	5,177	5,199	5,231	5,179
Married couples . . . . .	1,558	1,829	1,555	1,969	2,051	1,877	1,803	1,644	1,638	1,515
Single mothers . . . . .	1,509	2,050	2,498	2,890	2,948	2,918	2,957	3,121	3,142	3,195
Nonelderly units:										
Childless families . . . . .	662	611	587	920	954	907	898	826	795	796
Unrelated individuals . . . . .	2,146	2,877	3,307	3,578	3,975	3,890	3,990	4,016	4,100	4,214
Elderly units:										
Childless families . . . . .	965	504	574	527	529	408	420	413	466	492
Unrelated individuals . . . . .	2,672	1,936	1,969	1,827	1,774	1,656	1,718	1,815	1,876	1,834
PERCENT BELOW POVERTY LEVEL										
All families . . . . .	15	13	12	14	14	13	13	13	13	12
Families with children . . . . .	11	12	13	16	16	16	15	15	15	15
Married couples . . . . .	8	7	6	8	9	8	7	7	7	6
Single mothers . . . . .	45	44	42	47	46	44	44	46	45	45
Nonelderly units:										
Childless families . . . . .	4	4	3	5	5	4	4	4	4	4
Unrelated individuals . . . . .	23	20	17	18	19	18	18	18	17	17
Elderly units:										
Childless families . . . . .	14	6	6	6	6	4	4	4	4	5
Unrelated individuals . . . . .	46	28	25	22	21	19	19	20	20	19

<sup>1</sup> Includes other types of families not shown separately.

Source: Congressional Budget Office, *Trends in Family Income: 1970-1986*, February 1988, and Congressional Budget Office tabulations.

**No. 755. Adjusted Poverty Thresholds, Weighted Average by Family Size: 1970 to 1988**

[Adjustments for changes in family size and for inflation using the CPI-U-X1 have been made; see text, section 14]

SIZE OF UNIT	1974	1975	1980	1982	1983	1984	1985	1986	1987	1988
1 person (unrelated individual) . . .	1,908	2,612	3,843	4,458	4,604	4,801	4,974	5,068	5,308	5,534
Under 65 years . . .	1,963	2,682	3,935	4,566	4,713	4,912	5,088	5,186	5,428	5,654
65 years and over . . .	1,818	2,475	3,623	4,208	4,345	4,529	4,690	4,780	5,004	5,212
2 persons . . .	2,466	3,362	4,920	5,714	5,899	6,151	6,366	6,493	6,795	7,077
Householder under 65 years . . .	2,544	3,469	5,079	5,901	6,093	6,352	6,578	6,706	7,019	7,310
Householder 65 years and over . . .	2,293	3,124	4,571	5,309	5,480	5,715	5,916	6,031	6,313	6,575
3 persons . . .	3,027	4,117	6,022	6,998	7,222	7,529	7,799	7,948	8,319	8,667
4 persons . . .	3,876	5,275	7,719	8,972	9,260	9,651	9,997	10,191	10,686	11,108
5 persons . . .	4,571	6,233	9,142	10,629	10,963	11,431	11,832	12,061	12,619	13,141
6 persons . . .	5,138	7,016	10,338	12,015	12,401	12,924	13,369	13,633	14,247	14,834
7 or more persons . . .	6,318	8,653	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
7 persons . . .	(NA)	(NA)	11,706	13,679	14,103	14,642	15,152	15,509	16,212	16,763
8 persons . . .	(NA)	(NA)	13,025	15,210	15,622	16,339	16,840	17,094	17,926	18,628
9 or more persons . . .	(NA)	(NA)	15,499	17,920	18,479	19,328	20,089	20,465	21,224	22,169

NA Not available.

Source: Congressional Budget Office, *Trends in Family Income: 1970 to 1986*, February 1988 and Congressional Budget Office tabulations.**No. 756. Persons Below Poverty Level—Alternative Inflation Adjustment: 1974 to 1989**

[Based on Current Population Survey. Annual adjustment for cost-of-living changes are based on the CPI-U-X1; see text, section 14]

YEAR	NUMBER BELOW POVERTY LEVEL (1,000)				PERCENT BELOW POVERTY LEVEL			
	All races <sup>1</sup>	White	Black	Hispanic <sup>2</sup>	All races <sup>1</sup>	White	Black	Hispanic <sup>2</sup>
1974 . . . . .	22,076	14,870	6,773	2,448	10.5	8.2	28.6	21.9
1975 . . . . .	24,232	16,547	7,170	2,787	11.5	9.0	29.8	25.1
1976 . . . . .	23,347	15,513	7,202	2,570	11.0	8.4	29.5	22.8
1977 . . . . .	22,933	15,190	7,230	2,480	10.7	8.2	29.3	20.6
1978 . . . . .	22,472	14,829	7,085	2,416	10.4	8.0	28.4	20.0
1979 . . . . .	23,504	15,382	7,388	2,614	10.5	8.0	28.5	19.5
1980 . . . . .	25,869	17,283	7,671	3,134	11.5	9.0	29.0	23.0
1981 . . . . .	27,731	18,456	8,311	3,302	12.2	9.5	31.0	23.6
1982 . . . . .	30,288	20,385	8,824	3,842	13.2	10.4	32.4	26.7
1983 . . . . .	31,649	21,180	9,130	4,215	13.7	10.7	33.0	25.5
1984 . . . . .	29,971	20,043	8,765	4,367	12.8	10.1	31.2	25.8
1985 . . . . .	29,558	20,157	8,284	4,712	12.5	10.0	29.1	26.1
1986 . . . . .	29,101	19,629	8,391	4,570	12.2	9.7	29.1	24.4
1987 . . . . .	28,890	18,777	8,744	4,899	12.0	9.2	29.8	25.3
1988 . . . . .	28,544	18,326	8,707	4,914	11.7	8.9	29.2	24.5
1989 . . . . .	27,967	18,152	8,504	4,827	11.4	8.8	28.0	23.3

<sup>1</sup> Includes races not shown separately. <sup>2</sup> Hispanic persons may be of any race.Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 168.**No. 757. Weighted Average Poverty Thresholds Based on the CPI-U-X1, by Size: 1974 to 1989**

SIZE OF UNIT	1974	1975	1980	1983	1984	1985	1986	1987	1988	1989
1 person (unrelated individual) . . .	2,417	2,618	3,851	4,657	4,856	5,032	5,127	5,316	5,543	5,807
Under 65 years . . .	2,482	2,688	3,942	4,766	4,969	5,146	5,246	5,437	5,663	5,936
65 years and over . . .	2,290	2,481	3,629	4,394	4,581	4,744	4,835	5,012	5,221	5,472
2 persons . . .	3,110	3,370	3,729	5,965	6,222	6,439	6,568	6,806	7,089	7,431
Householder under 65 years . . .	3,208	3,477	5,086	6,162	6,425	6,653	6,783	7,031	7,322	7,676
Householder 65 years and over . . .	2,888	3,130	4,579	5,542	5,780	5,983	6,100	6,323	6,586	6,902
3 persons . . .	3,813	4,126	6,033	7,304	7,616	7,888	8,039	8,333	8,681	9,095
4 persons . . .	4,880	5,286	7,732	9,365	9,761	10,111	10,308	10,683	11,126	11,662
5 persons . . .	5,763	6,247	9,159	11,086	11,562	11,968	12,200	12,640	13,162	13,792
6 persons . . .	6,489	7,032	10,356	12,541	13,072	13,522	13,789	14,270	14,859	15,569
7 or more persons . . .	7,994	8,672	12,825	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
7 persons . . .	(NA)	(NA)	(NA)	14,262	14,810	15,325	15,687	16,239	16,790	17,631
8 persons . . .	(NA)	(NA)	(NA)	15,798	16,526	17,033	17,290	17,956	18,659	19,624
9 or more persons . . .	(NA)	(NA)	(NA)	18,687	19,550	20,319	20,700	21,259	22,205	23,444

NA Not available.

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



### No. 758. Money Income of Households—Percent Distribution by Quintile and Index of Income Concentration, by Definition of Income: 1989

[Based on 93,347,000 households as of March 1990. Based on Current Population Survey; see text, sections 1 and 14. For explanation of money income definitions, see text, section 14. For definition of median, see Guide to Tabular Presentation]

Definition number	DEFINITION OF INCOME	Total income (bil. dol.)	SHARE OF AGGREGATE INCOME BY QUINTILE					Index of income concentration <sup>1</sup>	Median income (dol.)	
			Lowest quintile	Second quintile	Third quintile	Fourth quintile	Highest quintile			
INCOME BEFORE TAXES										
1	Money income excluding capital gains (current) measure <sup>2</sup>	3,409	3.9	9.6	15.9	24.0	46.7	0.429	28,906	
2	Definition 1 less government money transfers	3,151	1.5	8.2	15.9	25.0	49.4	0.481	26,715	
3	Definition 2 plus capital gains	3,286	1.5	7.8	15.3	24.2	51.1	0.496	26,868	
4	Definition 3 plus health insurance supplements to wage or salary income <sup>3</sup>	3,412	1.4	7.8	15.4	24.4	50.9	0.495	28,091	
INCOME AFTER TAXES										
5	Definition 4 less Social Security payroll taxes	3,233	1.4	7.8	15.3	24.1	51.3	0.498	26,379	
6	Definition 5 less Federal income taxes	2,813	1.7	8.6	16.1	24.8	48.9	0.474	24,168	
7	Definition 6 less State income taxes	2,691	1.7	8.8	16.3	24.9	48.2	0.467	23,442	
8	Definition 7 plus nonmeans-tested government cash transfers <sup>4</sup>	2,922	3.9	10.3	16.4	23.9	45.5	0.417	25,641	
10	Definition 8 plus nonmeans-tested government noncash transfers <sup>5</sup>	2,989	4.1	10.7	16.6	23.8	44.8	0.407	26,523	
11	Definition 10 plus means-tested government cash transfers <sup>6</sup>	3,017	4.6	10.7	16.5	23.6	44.5	0.399	26,644	
13	Definition 11 plus means-tested government noncash transfers <sup>7</sup>	3,047	5.0	10.9	16.5	23.4	44.1	0.391	26,859	
14	Definition 13 plus net imputed return on equity in own home <sup>8</sup>	3,390	5.1	10.8	16.4	23.5	44.3	0.392	29,620	

<sup>1</sup> A statistical measure of income equality ranging from 0 to 1. A measure of 1 indicates perfect inequality (i.e., one person having all the wealth and the rest having none). A measure of 0 indicates perfect equality (i.e., all persons having equal shares of wealth.)

<sup>2</sup> Official definition of income based on money income before taxes and includes government cash transfers. Employer contributions to the health insurance plans of employees. <sup>3</sup> Includes Social Security and Railroad Retirement, Veterans payments, and unemployment and workers' compensation. <sup>4</sup> Includes Medicare and subsidies from regular price school lunches. <sup>5</sup> Includes AFDC or other assistance or welfare payments and Supplemental Security Income. Households must meet certain eligibility requirements in order to qualify for these benefits (see Section 12.) <sup>6</sup> Includes Medicaid, food stamps, subsidies from free or reduced price school lunches, and rent subsidies. <sup>7</sup> Includes Medicaid, food stamps, subsidies from free or reduced price school lunches, and rent subsidies. <sup>8</sup> Estimated amount of income a household would receive if it chose to shift amount held as home equity into an interest bearing account.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 169-RD.

### No. 759. Household Net Worth—Ownership, Median Value of Asset Holdings, and Distribution of Net Worth, by Asset Type: 1984 and 1988

[Net worth: the sum of the market value of assets owned by every member of the household minus liabilities (secured or unsecured) owed by household members. Equity values of asset and liabilities held at the end of months September-December 1984, December 1987-March 1988, and January-April 1988. Excludes persons in group quarters. Based on the Survey of Income and Program Participation; see text, section 14. For definition of median, see Guide to Tabular Presentation]

ASSET TYPE	1984 (in constant (1988) dollars)			1988		
	Percent of households owning asset type	Median value of holdings for asset owner	Percent distribution of net worth	Percent of households owning asset type	Median value of holdings for asset owner	Percent distribution of net worth
Interest-earning assets at financial institutions	71.8	3,528	14.5	72.9	3,494	14.1
Savings accounts	62.9	(NA)	(NA)	61.6	(NA)	(NA)
Money market deposit accounts	15.7	(NA)	(NA)	15.2	(NA)	(NA)
Certificates of deposit	19.1	(NA)	(NA)	17.7	(NA)	(NA)
Interest-earning checking	24.8	(NA)	(NA)	34.3	(NA)	(NA)
Other interest-earning assets	8.5	11,084	3.2	9.4	10,911	4.2
Money market funds	3.8	(NA)	(NA)	3.6	(NA)	(NA)
Government securities	1.4	(NA)	(NA)	2.2	(NA)	(NA)
Corporate or municipal bonds	2.6	(NA)	(NA)	2.8	(NA)	(NA)
Other interest-earning assets	2.8	(NA)	(NA)	3.3	(NA)	(NA)
Checking accounts <sup>1</sup>	53.9	511	0.6	48.3	487	0.6
Stocks and mutual fund shares	20.0	4,425	6.8	21.8	4,510	6.5
Own home	64.3	46,106	41.3	63.6	43,070	43.0
Rental property	9.8	39,235	9.0	9.0	37,439	7.9
Other real estate	10.0	16,904	4.4	10.5	18,064	4.3
Vehicles	85.8	4,558	5.9	86.3	4,416	5.8
Business or profession	12.9	7,270	10.3	12.5	10,446	8.8
U.S. savings bonds	15.0	342	0.5	17.5	546	0.6
IRA or KEOGH accounts	19.5	5,480	2.2	24.2	9,016	4.2
Other financial investments <sup>2</sup>	7.0	14,567	5.0	6.6	16,204	3.0
Unsecured liabilities <sup>3</sup>	6.7	1,538	-3.5	5.9	1,820	-2.9

NA Not available. <sup>1</sup> Regular non-interest-earning checking accounts. <sup>2</sup> Includes mortgages held from sale of real estate, amount due from sale of business, unit trusts, and other financial investments. <sup>3</sup> Since net worth is the value of assets less liabilities, unsecured liabilities are subtracted from the distribution of net worth and are shown as negatives. Unsecured liabilities include credit card or store bills, bank loans, and other unsecured debts.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-70, No. 22.

**No. 760. Household Net Worth—Percent Distribution, by Selected Characteristics: 1988**

[See headnote, table 759. Based on the Survey of Income and Program Participation; see text, section 14]

CHARACTERISTIC	Number of households (1,000)	PERCENT DISTRIBUTION OF HOUSEHOLDS BY NET WORTH								Median (dol.)
		Zero or negative	\$1 to \$4,999	\$5,000 to \$9,999	\$10,000 to \$24,999	\$25,000 to \$49,999	\$50,000 to \$99,999	\$100,000 to \$249,999	\$250,000 or over	
<b>Total</b> . . . . .	<b>91,554</b>	<b>11.1</b>	<b>15.1</b>	<b>6.2</b>	<b>11.5</b>	<b>13.0</b>	<b>16.7</b>	<b>17.5</b>	<b>8.8</b>	<b>35,752</b>
Age of householder:										
Under 35 years old . . . . .	25,379	19.4	27.6	11.4	16.2	11.1	8.0	4.8	1.5	6,078
35 to 44 years old . . . . .	19,916	11.3	13.3	6.4	13.4	15.3	18.2	15.8	6.5	33,183
45 to 54 years old . . . . .	13,613	8.2	10.5	4.5	9.1	13.7	21.1	21.9	11.1	57,466
55 to 64 years old . . . . .	13,090	6.4	7.5	2.5	7.4	12.6	20.5	27.5	15.6	80,032
65 years old and over . . . . .	19,556	5.2	8.9	3.1	8.1	13.2	20.9	26.1	14.4	73,471
Race of householder:										
White . . . . .	79,169	8.7	13.9	5.9	11.5	13.1	17.7	19.3	9.8	43,279
Black . . . . .	10,278	29.1	22.8	8.1	11.6	12.9	10.3	4.4	0.8	4,169
Hispanic <sup>1</sup> . . . . .	5,916	23.8	24.8	6.5	11.2	10.7	11.3	9.3	2.4	5,524
Region:										
Northeast . . . . .	18,418	12.8	13.6	5.1	8.1	9.8	15.7	23.5	11.3	51,536
Midwest . . . . .	23,649	10.0	13.1	6.7	12.8	15.8	18.2	16.0	7.4	36,304
South . . . . .	31,219	11.2	15.9	6.9	13.1	14.1	17.6	14.2	6.9	28,987
West . . . . .	18,268	10.6	17.6	5.6	10.6	10.8	14.4	19.1	11.3	36,081
Type of household:										
Married-couple . . . . .	51,697	6.1	10.0	5.3	11.5	13.7	19.4	22.1	12.0	57,134
Male householder . . . . .	14,383	14.2	23.6	8.7	13.4	12.5	11.5	10.6	5.5	13,053
Female householder . . . . .	25,473	19.5	20.6	6.7	10.5	12.1	14.3	12.2	4.2	13,571
Education of householder:										
Less than 12 years . . . . .	23,775	15.6	19.3	5.1	10.9	14.4	16.7	13.5	4.6	23,804
High school, 4 years . . . . .	28,664	9.9	16.3	6.5	11.8	13.6	17.9	17.0	7.1	34,334
College: 1-3 years . . . . .	19,807	10.7	15.4	7.5	13.2	12.4	15.2	17.2	8.4	30,789
4 or more years . . . . .	19,308	7.7	7.7	6.0	10.2	11.2	16.6	23.7	16.9	69,983
Tenure:										
Owner-occupied . . . . .	58,268	1.5	2.9	3.8	11.6	17.1	24.3	25.7	13.1	72,768
Renter-occupied . . . . .	33,285	27.8	36.4	10.4	11.4	5.9	3.5	3.2	1.3	2,136

<sup>1</sup> Hispanic persons may be of any race.Source: U.S. Bureau of the Census, *Current Population Reports*, series P-70, No. 22.**No. 761. Top Wealthholders With Net Worth Under \$10,000,000 and Gross Assets of \$500,000 or More, by State of Residence: 1986**

[All figures are estimates based on estate tax return samples. Net worth equals assets minus debts and mortgages. For composition of regions, see fig. 1, inside front cover]

REGION, DIVISION, AND STATE	Number of top wealth-holders (1,000)	Total assets (bil. dol.)	Net worth (bil. dol.)	REGION, DIVISION, AND STATE	Number of top wealth-holders (1,000)	Total assets (bil. dol.)	Net worth (bil. dol.)	REGION, DIVISION, AND STATE	Number of top wealth-holders (1,000)	Total assets (bil. dol.)	Net worth (bil. dol.)
<b>Total</b> . . . . .	<b>3,304.3</b>	<b>3,743.6</b>	<b>3,230.0</b>	WI . . . . .	44.8	48.1	42.7	MS. . . . .	23.5	23.4	17.2
Region:				<b>W.N.C.</b> . . . . .	<b>185.7</b>	<b>186.6</b>	<b>158.7</b>	<b>W.S.C.</b> . . . . .	<b>343.1</b>	<b>404.9</b>	<b>324.8</b>
Northeast . . . . .	832.5	918.1	821.3	MN. . . . .	35.2	36.4	31.0	AR. . . . .	16.7	18.8	15.2
Midwest . . . . .	597.5	625.2	540.4	IA . . . . .	34.5	28.9	24.9	LA . . . . .	38.3	42.0	33.6
South . . . . .	1,047.4	1,204.5	1,024.6	MO . . . . .	53.9	61.3	54.3	OK . . . . .	37.6	48.6	41.3
West . . . . .	822.5	991.3	839.4	ND . . . . .	9.4	7.5	4.5	TX . . . . .	250.6	295.5	234.8
N.E. . . . .	<b>239.9</b>	<b>265.6</b>	<b>234.4</b>	SD . . . . .	7.0	4.8	3.6	<b>MT.</b> . . . . .	<b>163.3</b>	<b>174.7</b>	<b>148.5</b>
ME . . . . .	14.9	11.8	10.3	NE . . . . .	19.8	18.4	14.7	MT. . . . .	7.2	6.4	5.3
NH . . . . .	20.2	24.9	20.2	KS . . . . .	25.9	29.3	25.8	ID . . . . .	11.3	10.1	8.2
VT . . . . .	4.8	5.5	5.0	<b>S.A.</b> . . . . .	<b>555.5</b>	<b>641.5</b>	<b>563.2</b>	WY . . . . .	6.4	6.7	4.4
MA . . . . .	113.2	117.2	104.2	DE . . . . .	7.1	6.3	6.0	CO . . . . .	52.6	48.4	41.2
RI . . . . .	12.1	15.9	14.0	DC . . . . .	14.0	18.0	16.6	NM . . . . .	12.3	15.8	14.2
CT . . . . .	74.7	90.3	80.6	MD . . . . .	49.7	53.4	47.9	AZ . . . . .	52.9	60.6	51.0
M.A. . . . .	<b>592.6</b>	<b>652.5</b>	<b>587.0</b>	VA . . . . .	76.5	75.0	65.9	UT . . . . .	7.3	8.8	7.5
NY . . . . .	339.6	381.5	345.6	WV . . . . .	11.2	10.0	9.4	NV . . . . .	13.3	18.0	16.7
NJ . . . . .	139.2	150.1	133.6	NC . . . . .	66.3	80.4	71.4	<b>Pac.</b> . . . . .	<b>659.2</b>	<b>816.6</b>	<b>690.9</b>
PA . . . . .	113.8	120.9	107.7	SC . . . . .	29.4	31.1	27.6	WA . . . . .	55.6	56.6	47.6
E.N.C. . . . .	<b>411.8</b>	<b>438.6</b>	<b>381.7</b>	GA . . . . .	62.6	72.5	62.9	OR . . . . .	25.4	37.0	31.8
OH . . . . .	106.4	103.9	90.7	FL . . . . .	238.8	294.9	255.5	CA . . . . .	558.3	701.2	593.5
IN . . . . .	39.7	39.7	34.0	<b>E.S.C.</b> . . . . .	<b>148.8</b>	<b>158.1</b>	<b>136.6</b>	AK . . . . .	8.8	10.4	8.1
IL . . . . .	148.5	175.2	148.0	KY . . . . .	34.9	38.9	32.9	HI . . . . .	11.0	11.3	9.9
MI . . . . .	72.4	71.7	66.2	TN . . . . .	51.4	55.3	49.6	Other areas <sup>1</sup> . . . . .	4.5	4.6	4.2
				AL . . . . .	39.0	40.5	36.9				

<sup>1</sup> U.S. citizens domiciled abroad.Source: U.S. Internal Revenue Service, *Statistics of Income Bulletin*, Spring 1990.

### No. 762. Gross and Net Stock of Fixed Reproducible Tangible Wealth in Current and Constant (1982) Dollars: 1970 to 1989

[In billions of dollars. As of December 31]

ITEM	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
<b>CURRENT DOLLARS</b>													
Gross stock, total...	4,335	7,805	12,366	13,914	15,330	15,873	16,768	17,733	18,770	19,787	21,134	22,395	23,789
Equipment	1,583	2,686	4,247	4,849	5,432	5,840	6,160	6,499	6,900	7,415	7,873	8,458	9,012
Structures	2,752	4,919	8,119	9,065	9,899	10,032	10,607	11,235	11,870	12,372	13,261	13,937	14,777
Private	2,649	4,756	7,902	8,943	10,007	10,343	10,929	11,566	12,105	12,757	13,707	14,424	15,397
Nonresidential equipment	679	1,252	2,031	2,353	2,680	2,894	3,008	3,153	3,287	3,511	3,685	3,943	4,186
Nonresidential structures	774	1,409	2,194	2,491	2,823	2,965	3,087	3,280	3,420	3,545	3,774	3,953	4,202
Residential	1,195	2,094	3,677	4,098	4,503	4,484	4,834	5,133	5,399	5,700	6,247	6,528	7,010
Corporate	1,115	2,056	3,264	3,748	4,259	4,542	4,706	4,977	5,202	5,499	5,828	6,202	6,598
Noncorporate	1,533	2,700	4,638	5,195	5,748	5,801	6,223	6,589	6,903	7,258	7,879	8,222	8,799
Government	1,006	1,730	2,704	2,997	3,162	3,234	3,387	3,561	3,648	3,967	4,116	4,394	4,561
Equipment	224	314	456	521	590	651	700	739	796	841	877	938	996
Structures	782	1,416	2,248	2,476	2,572	2,583	2,687	2,822	3,052	3,127	3,240	3,456	3,566
Federal	371	549	802	910	997	1,059	1,123	1,162	1,257	1,309	1,347	1,431	1,501
Military	228	316	465	533	586	636	683	708	784	825	845	905	942
State and local	635	1,181	1,902	2,087	2,165	2,175	2,264	2,400	2,591	2,658	2,769	2,963	3,060
Consumer durable goods	680	1,119	1,760	1,974	2,162	2,295	2,452	2,606	2,817	3,063	3,311	3,577	3,831
Net stock, total...	2,637	4,600	7,436	8,312	9,094	9,310	9,775	10,325	10,912	11,493	12,273	12,976	13,762
Private	1,637	2,934	4,867	5,484	6,104	6,242	6,583	6,939	7,255	7,637	8,200	8,612	9,179
Government	627	1,070	1,644	1,806	1,894	1,926	2,005	2,100	2,259	2,323	2,409	2,559	2,649
Consumer durable goods	372	596	925	1,020	1,096	1,142	1,207	1,266	1,398	1,534	1,664	1,806	1,934
<b>CONSTANT (1982) DOLLARS</b>													
Gross stock, total...	10,743	12,772	14,604	15,042	15,467	15,834	16,245	16,762	17,335	17,923	18,510	19,131	19,749
Equipment	3,344	4,236	5,146	5,355	5,558	5,741	5,952	6,223	6,537	6,866	7,211	7,592	7,998
Structures	7,399	8,536	9,458	9,687	9,909	10,093	10,293	10,539	10,798	11,057	11,300	11,539	11,751
Private	6,989	8,313	9,514	9,813	10,106	10,334	10,579	10,904	11,254	11,603	11,939	12,302	12,646
Nonresidential equipment	1,620	2,084	2,537	2,651	2,759	2,834	2,913	3,024	3,154	3,284	3,418	3,581	3,751
Nonresidential structures	2,118	2,429	2,686	2,769	2,865	2,951	3,020	3,104	3,195	3,262	3,314	3,367	3,407
Residential	3,251	3,800	4,291	4,393	4,481	4,548	4,646	4,776	4,906	5,058	5,207	5,354	5,488
Corporate	2,893	3,480	4,036	4,194	4,354	4,481	4,600	4,771	4,969	5,152	5,323	5,523	5,722
Noncorporate	4,106	4,833	5,477	5,619	5,752	5,853	5,979	6,132	6,285	6,451	6,616	6,779	6,924
Government	2,548	2,839	3,056	3,118	3,171	3,230	3,291	3,348	3,422	3,502	3,594	3,681	3,776
Equipment	518	532	575	592	609	637	665	689	725	764	815	863	919
Structures	2,030	2,307	2,481	2,525	2,562	2,594	2,627	2,659	2,697	2,738	2,779	2,818	2,856
Federal	922	934	980	999	1,018	1,046	1,075	1,098	1,133	1,168	1,216	1,256	1,307
Military	554	544	574	588	600	624	647	666	695	729	770	806	846
State and local	1,626	1,905	2,076	2,118	2,153	2,185	2,217	2,250	2,290	2,334	2,378	2,425	2,469
Consumer durable goods	1,206	1,620	2,034	2,111	2,190	2,270	2,375	2,511	2,658	2,817	2,978	3,148	3,328
Net stock, total...	6,566	7,743	8,762	8,972	9,165	9,299	9,469	9,750	10,079	10,418	10,741	11,084	11,411
Private	4,313	5,130	5,841	6,005	6,156	6,244	6,349	6,535	6,741	6,941	7,125	7,332	7,515
Government	1,594	1,753	1,852	1,878	1,898	1,925	1,949	1,974	2,012	2,053	2,106	2,148	2,198
Consumer durable goods	659	860	1,069	1,090	1,111	1,129	1,170	1,242	1,327	1,423	1,511	1,605	1,699

Source: U.S. Bureau of Economic Analysis, *Fixed Reproducible Tangible Wealth in the United States, 1925-85 and Survey of Current Business*, August issues.

### No. 763. Top Wealthholders With Gross Assets of \$500,000 or More, by Size of Net Worth and Sex: 1986

[All figures are estimates based on estate tax return samples. Net worth equals assets minus debts and mortgages]

ITEM	Unit	Total	SIZE OF NET WORTH (\$1,000)						
			Under \$250 <sup>1</sup>	\$250 to \$499	\$500 to \$999	\$1,000 to \$2,499	\$2,500 to \$4,999	\$5,000 to \$9,999	\$10,000 or more
Top wealthholders, number	1,000	3,329.4	291.2	548.9	1,548.3	710.0	150.3	55.5	25.0
Total assets	Mill. dol.	4,321,202	118,635	306,901	1,182,818	1,148,848	574,279	412,160	577,581
Net worth	Mill. dol.	3,766,706	6,460	219,171	1,066,541	1,050,716	513,217	373,847	536,756
<b>MALE</b>									
Top wealthholders, number	1,000	1,957.4	248.6	389.1	789.0	389.2	93.0	32.2	16.4
Total assets	Mill. dol.	2,557,384	103,475	211,403	618,115	642,995	356,532	242,260	382,584
Net worth	Mill. dol.	2,162,692	777	152,548	543,976	579,562	318,340	216,925	350,564
<b>FEMALE</b>									
Top wealthholders, number	1,000	1,372.0	42.7	159.8	759.3	320.9	57.3	23.3	8.7
Total assets	Mill. dol.	1,763,838	15,159	95,499	564,703	505,853	217,748	169,900	194,976
Net worth	Mill. dol.	1,604,014	5,683	66,623	522,565	471,153	194,876	156,921	186,192

<sup>1</sup> Includes those wealthholders with negative net worth.

Source: U.S. Internal Revenue Service, *Statistics of Income Bulletin*, Spring 1990.