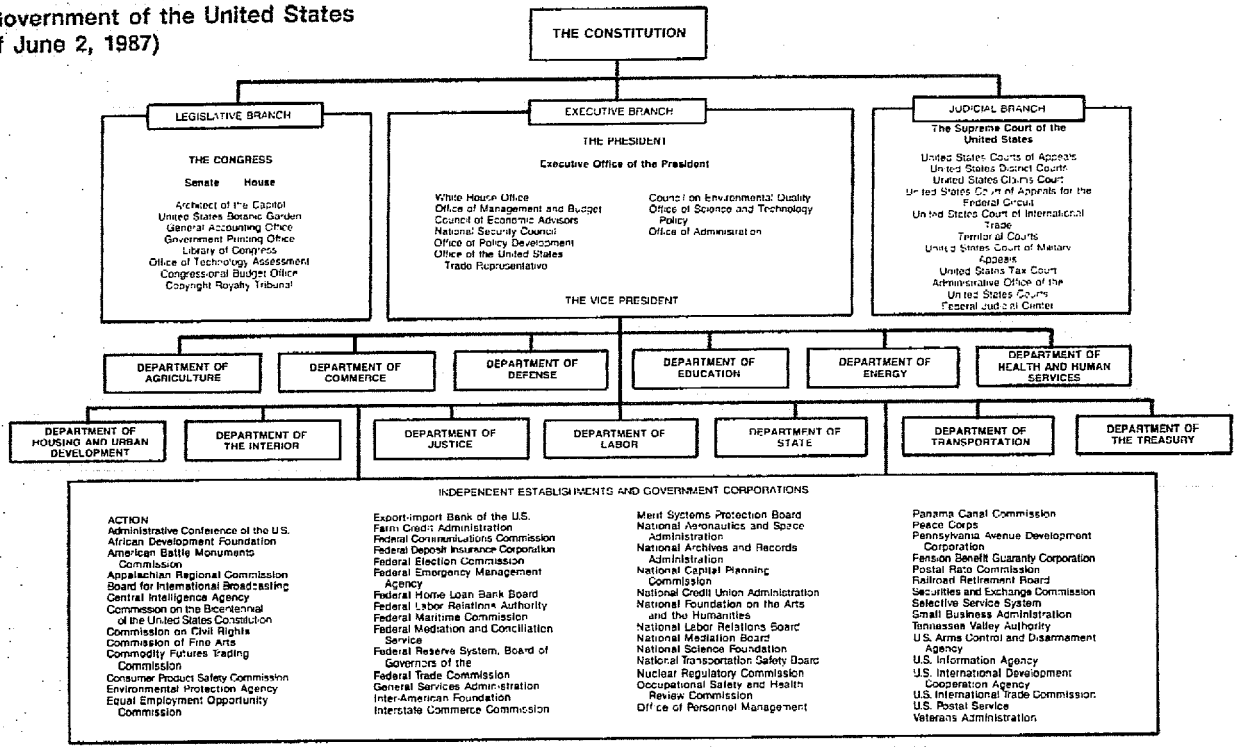
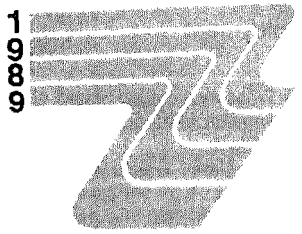
Figure 10.1

The Government of the United States (As of June 2, 1987)



Source: Chart prepared by U. S. Bureau of the Census. For data, see table 512.



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. 302). 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. Data showing unified budget totals of budget receipts and outlays that incorporate social security are presented in the 1989 Budget for the years 1936 to 1993; more detailed tables generally show data since 1976.

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, currently $2.8 trillion, 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 *Monthly 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.

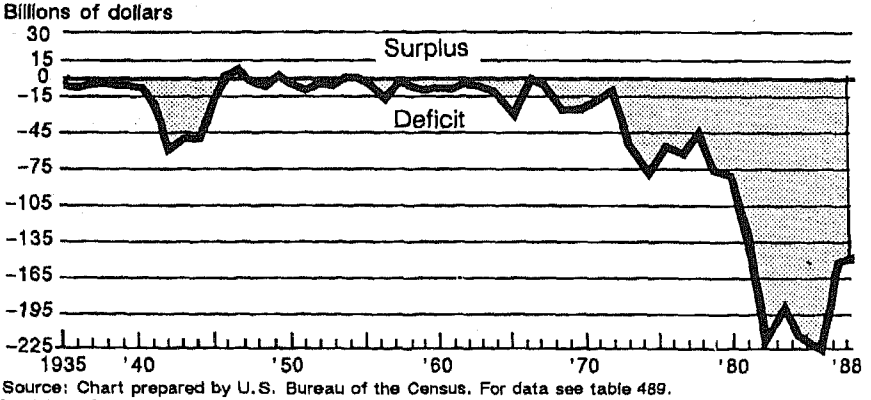
Federal payrolls include all payments for personal services rendered during the report month and payments for accumulated annual leave of employees who separate from the service. Since most Federal employees are paid on a biweekly basis, the calendar month earnings are partially estimated on the basis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

Figure 10.2
Federal Budget Surplus or Deficit: 1935 to 1988



Source: Chart prepared by U.S. Bureau of the Census. For data see table 489.

No. 489. Federal Budget—Summary: 1945 to 1988

[**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. See also *Historical Statistics, Colonial Times to 1970,* series Y 339–342]

YEAR	RECEIPTS			OUTLAYS					SURPLUS OR DEFICIT (—)			Outstanding gross debt [2]	AVERAGE ANNUAL PERCENT CHANGE [3]					PERCENT OF GNP [4]				Outlays, off-budget
														OUTLAYS				OUTLAYS				
	Total [1]	Federal funds	Trust funds	Total [1]	Federal funds	Trust funds	Human resources	National defense	Total [1]	Federal funds	Trust funds		Receipts	Total	Federal funds	Trust funds	Outstanding gross debt	Total	Human resources	National defense	Outstanding gross debt	
1945	45.2	41.9	3.6	92.7	94.8	—.6	1.9	83.0	—47.6	—53.0	4.3	260.1	3.2	1.5	2.8	(X)	[5] 27.5	43.6	.9	39.1	122.5	.1
1950	39.4	35.3	3.5	42.6	38.4	5.1	14.2	13.7	—3.1	—3.1	—1.6	256.9	—2.7	—14.4	—16.6	(X)	—.3	16.0	5.3	5.1	96.3	.5
1955	65.5	58.2	3.1	68.4	62.3	3.0	14.9	42.7	—3.0	—4.2	.1	274.4	10.7	10.0	10.2	—10.0	1.3	17.7	3.9	11.1	71.0	4.0
1960	92.5	75.6	7.8	92.2	74.9	8.1	26.2	48.1	.3	.8	—.3	290.9	7.2	6.1	3.7	21.9	1.2	18.2	5.2	9.5	57.4	10.9
1961	94.4	75.2	9.4	97.7	79.4	9.0	29.8	49.6	—3.3	—4.2	.4	292.9	2.0	6.0	6.0	10.7	.7	18.9	5.8	9.6	56.5	11.7
1962	99.7	79.7	9.9	106.8	86.5	8.9	31.6	52.3	—7.1	—6.8	1.0	303.3	5.6	9.3	9.0	—.8	3.5	19.2	5.7	9.4	54.4	13.5
1963	106.6	84.0	10.8	111.3	90.6	8.1	33.5	53.4	—4.8	—6.6	2.7	310.8	6.9	4.2	4.7	—8.8	2.5	18.9	5.7	9.1	52.9	15.0
1964	112.6	87.5	11.2	118.5	96.1	9.2	35.3	54.8	—5.9	—8.6	2.0	316.8	5.7	6.5	6.0	12.8	1.9	18.8	5.6	8.7	50.3	15.7
1965	116.8	90.9	11.5	118.2	94.9	9.2	36.6	50.6	—1.4	—3.9	2.3	323.2	3.7	—.3	—1.3	.8	2.0	17.6	5.4	7.5	48.0	16.5
1966	130.8	101.4	12.9	134.5	106.6	10.8	43.3	58.1	—3.7	—5.2	2.1	329.5	12.0	13.8	12.4	16.8	2.0	18.2	5.9	7.9	44.6	19.7
1967	148.8	111.8	16.5	157.5	127.5	13.4	51.3	71.4	—8.6	—15.7	3.1	341.3	13.7	17.0	19.7	24.3	3.6	19.8	6.5	9.0	43.0	20.4
1968	153.0	114.7	17.6	178.1	143.1	16.9	59.4	81.9	—25.2	—28.4	.6	369.8	2.8	13.1	12.2	26.2	8.3	21.0	7.0	9.6	43.5	22.3
1969	186.9	143.3	20.1	183.6	148.2	15.7	66.4	82.5	3.2	—4.9	4.4	367.1	22.2	3.1	3.6	—7.4	—.7	19.8	7.1	8.9	39.5	25.2
1970	192.8	143.2	22.3	195.6	156.3	17.8	75.3	81.7	—2.8	—13.2	4.5	382.6	3.2	6.5	5.5	13.6	4.2	19.8	7.6	8.3	38.6	27.6
1971	187.1	133.8	26.0	210.2	163.7	22.2	91.9	78.9	—23.0	—29.9	3.8	409.5	—2.9	7.4	4.7	24.5	7.0	19.9	8.7	7.5	38.8	32.8
1972	207.3	148.8	28.4	230.7	178.1	25.5	107.2	79.2	—23.4	—29.3	2.9	437.3	10.8	9.8	8.8	15.0	6.8	20.0	9.3	6.9	37.9	36.9
1973	230.8	161.4	41.2	245.7	187.0	30.9	119.5	76.7	—14.9	—25.7	10.3	468.4	11.3	6.5	5.0	21.0	7.1	19.2	9.3	6.0	36.6	45.6
1974	263.2	181.2	46.1	269.4	201.4	33.9	135.8	79.3	—6.1	—20.1	12.2	486.2	14.0	9.6	7.7	9.7	3.8	19.0	9.6	5.6	34.3	52.1
1975	279.1	187.5	51.0	332.3	248.2	45.6	173.2	86.5	—53.2	—60.7	5.4	544.1	6.0	23.4	23.2	34.4	11.9	21.8	11.4	5.7	35.7	60.4
1976	298.1	201.1	61.8	371.8	277.2	56.2	203.6	89.6	—73.7	—76.1	5.6	631.9	6.8	11.9	11.7	23.3	16.1	21.9	12.0	5.3	37.2	69.6
1976 [6]	81.2	54.1	13.3	96.0	66.9	13.8	52.1	22.3	—14.7	—12.8	—.5	646.4	(X)	(X)	(X)	(X)	(X)	21.4	11.6	5.0	36.0	19.4
1977	355.6	241.3	70.3	409.2	304.5	56.9	221.9	97.2	—53.6	—63.1	13.4	709.1	19.3	10.1	9.8	1.3	12.2	21.2	11.5	5.0	36.7	80.7
1978	399.6	270.5	76.9	458.7	342.4	59.9	242.3	104.5	—59.2	—71.9	17.0	780.4	12.4	12.1	12.4	5.2	10.1	21.1	11.2	4.8	35.9	89.7
1979	463.3	316.4	86.0	503.5	374.9	65.7	267.6	116.3	—40.2	—58.5	20.3	833.8	16.0	9.8	9.5	9.6	6.8	20.6	10.9	4.8	34.1	100.0
1980	517.1	350.9	94.7	590.9	433.5	84.8	313.4	134.0	—73.8	—82.6	9.9	914.3	11.6	17.4	15.6	29.1	9.7	22.1	11.7	5.0	34.2	114.3
1981	599.3	410.4	106.0	678.2	496.2	94.2	362.0	157.5	—78.9	—85.8	11.8	1,003.9	15.9	14.8	14.5	11.1	9.8	22.7	12.1	5.3	33.6	135.2
1982	617.8	409.3	122.1	745.7	543.4	107.9	388.7	185.3	—127.9	—134.2	14.2	1,147.0	3.1	10.0	9.5	14.6	14.2	23.8	12.4	5.9	36.5	151.4
1983	600.6	382.3	147.3	808.3	613.2	124.4	426.0	209.9	—207.8	—230.8	22.9	1,381.9	—2.8	8.5	12.8	15.3	20.5	24.3	12.8	6.3	41.6	147.1
1984	666.5	419.6	158.1	851.8	637.8	125.4	432.0	227.4	—185.3	—218.2	32.6	1,576.7	11.0	5.2	4.0	.8	14.1	23.1	11.7	6.2	42.8	165.8
1985	734.1	459.5	197.5	946.3	725.9	152.7	471.8	252.7	—212.3	—266.4	44.8	1,827.5	10.1	11.1	13.8	21.8	15.9	24.0	12.0	6.4	46.3	176.8
1986	769.1	473.5	206.9	990.3	756.5	161.4	481.6	273.4	—221.2	—283.0	45.1	2,130.0	4.8	4.6	4.2	6.0	16.6	23.6	11.5	6.5	50.8	183.5
1987	854.1	537.8	216.6	1,004.6	760.9	163.6	502.2	282.0	—150.4	—223.1	53.1	2,355.3	11.1	1.4	.6	1.1	10.6	22.8	11.4	6.4	53.4	193.8
1988, est	909.2	560.8	231.5	1,055.9	805.0	170.8	534.0	285.4	—146.7	—244.2	60.7	2,581.6	6.4	5.1	5.8	4.4	9.6	22.4	11.3	6.1	54.9	203.1

X Not applicable. [1] Includes off-budget receipts, outlays, and interfund transactions. [2] End of fiscal year. See text, section 10 for discussion of debt concept. [3] For explanation of average annual percent change, see Guide to Tabular Presentation. [4] Gross national product as of fiscal year; for calendar year GNP, see table 688. [5] Change from 1944; from previous year shown for all other years. [6] Represents transition quarter, July–Sept.

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

No. 490. Federal Receipts, by Source, and Outlays, by Function: 1970 to 1988

[In billions of dollars. For fiscal years ending in year shown; see text, section 9. Receipts reflect collections; outlays stated in terms of checks issued or cash payments. 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 335-338, Y 343-351, and Y 472-487 for related data]

SOURCE OR FUNCTION	1970	1975	1980	1982	1983	1984	1985	1986	1987	1988, est.	PERCENT DISTRIBUTION	
											1980	1988
Surplus or deficit (−)	−2.8	−53.2	−73.8	−127.9	−207.8	−185.3	−212.3	−221.2	−150.4	−146.7	(x)	(x)
BY SOURCE												
Total receipts [1]	192.8	279.1	517.1	617.8	600.6	666.5	734.1	769.1	854.1	909.2	100.00	100.00
Individual income taxes	90.4	122.4	244.1	297.7	288.9	298.4	334.5	349.0	392.6	393.4	47.20	43.27
Corporation income taxes	32.8	40.6	64.6	49.2	37.0	56.9	61.3	63.1	83.9	105.6	12.49	11.61
Social insurance taxes and contributions	44.4	84.5	157.8	201.5	209.0	239.4	265.2	283.9	303.3	331.5	30.52	36.46
Employment taxes and contributions	39.1	75.2	138.7	180.7	185.8	209.7	234.6	255.1	273.0	303.1	26.83	33.33
Unemployment insurance	3.5	6.8	15.3	16.6	16.8	25.1	25.8	24.1	25.6	23.7	2.97	2.61
Contributions for other insurance and retirement	1.8	2.6	3.7	4.2	4.4	4.6	4.8	4.7	4.7	4.7	.72	.52
Excise taxes	15.7	16.6	24.3	36.3	35.3	37.4	36.0	32.9	32.5	35.3	4.70	3.89
Estate and gift taxes	3.6	4.6	6.4	8.0	6.1	6.0	6.4	7.0	7.5	7.6	1.24	.83
Customs duties	2.4	3.7	7.2	8.9	8.7	11.4	12.1	13.3	15.1	16.4	1.39	1.80
Miscellaneous receipts	3.4	6.7	12.7	16.2	15.6	17.0	18.5	19.9	19.3	19.4	2.47	2.13
Federal Reserve earning deposits	3.3	5.8	11.8	15.2	14.5	15.7	17.1	18.4	16.8	16.1	2.28	1.77
BY FUNCTION												
Total outlays [1]	195.6	332.3	590.9	745.7	808.3	851.8	946.3	990.3	1,004.6	1,055.9	100.00	100.00
National defense [1]	81.7	86.5	134.0	185.3	209.9	227.4	252.7	273.4	282.0	285.4	22.68	27.03
Dept. of Defense, military	80.1	84.9	130.9	180.7	204.4	220.9	245.1	265.5	274.0	277.3	22.15	26.26
Atomic energy defense activities	1.4	1.5	2.9	4.3	5.2	6.1	7.1	7.4	7.5	7.8	.49	.72
Defense related activities	.2	.2	.2	.3	.3	.4	.5	.5	.6	.5	.04	.05
International affairs [1]	4.3	7.1	12.7	12.3	11.8	15.9	16.2	14.2	11.6	9.9	2.15	.94
International development and humanitarian assistance	2.3	3.1	3.6	3.8	4.0	4.5	5.4	5.0	4.3	4.7	.61	.45
Conduct of foreign affairs	.4	.7	1.4	1.6	1.8	1.9	2.1	2.3	2.2	2.7	.23	.26
Foreign information and exchange	.2	.3	.5	.6	.6	.7	.8	.9	1.0	1.1	.09	.11
International financial programs activities	.3	.4	2.4	.9	−1.1	.9	−1.5	−4.5	−3.0	−1.1	.41	−.10
International security assistance	1.1	2.5	4.8	5.4	6.8	7.9	9.4	10.5	7.1	2.4	.81	.23
Income security	15.6	50.2	86.5	107.7	122.6	112.7	128.2	119.8	123.3	129.6	14.64	12.27
General retirement and disability insurance	1.0	4.7	5.1	5.6	5.8	5.4	5.6	5.3	5.6	4.9	.86	.46
Federal employee retirement and disability	5.5	13.2	26.6	34.3	36.5	38.1	38.6	41.4	43.7	46.2	4.50	4.37
Housing assistance	.5	2.1	5.6	8.7	10.0	11.3	25.3	12.4	12.7	13.8	.95	1.31
Food and nutrition assistance	1.0	6.6	14.0	15.6	18.0	18.1	18.5	18.6	18.9	20.5	2.37	1.94
Other income security	4.3	10.1	17.2	19.8	21.1	21.4	22.7	24.4	25.3	28.4	2.91	2.69
Unemployment insurance	3.4	13.5	18.1	23.7	31.5	18.4	17.5	17.8	17.1	15.8	3.05	1.49
Health	5.9	12.9	23.2	27.4	28.6	30.4	33.5	35.9	40.0	44.5	3.92	4.21
Health care services	4.0	9.5	18.0	21.8	23.0	24.5	27.0	28.9	32.6	36.3	3.05	3.44
Health research	1.1	1.9	3.4	3.9	4.0	4.4	4.9	5.4	5.6	6.5	.58	.61
Education and training of *health care workforce*	.6	.9	.7	.7	.6	.4	.5	.5	.6	.4	.12	.04
Consumer and occupational health and safety	.2	.6	1.0	1.0	1.1	1.1	1.2	1.2	1.2	1.3	.17	.12
Social Security and medicare	36.5	77.5	150.6	202.5	223.3	235.8	254.4	268.9	282.5	298.6	25.49	28.26
Social Security	30.3	64.7	118.5	156.0	170.7	178.2	188.6	198.8	207.4	219.7	20.06	20.81
Medicare	6.2	12.9	32.1	46.6	52.6	57.5	65.8	70.2	75.1	78.9	5.43	7.47
Veterans benefits and services [1]	8.7	16.6	21.2	24.0	24.8	25.6	26.3	26.4	26.8	27.7	3.59	2.63
Income security	5.5	7.9	11.7	13.7	14.3	14.4	14.7	15.0	15.0	14.9	1.98	1.42
Education, training, and rehabilitation	1.0	4.6	2.3	1.9	1.6	1.4	1.1	.5	.5	.4	.40	.04
Hospital and medical care	1.8	3.7	6.5	7.5	8.3	8.9	9.5	9.9	10.3	10.8	1.10	1.03
Housing	.1	(z)	(−z)	.1	(z)	.2	.2	.1	.3	.7	(x)	.06
Education, training, employment, and social services [1]	8.6	16.0	31.6	27.0	26.6	27.6	29.3	30.6	29.7	33.7	5.39	3.19
Elementary, secondary, and vocational education	2.9	4.4	6.9	6.8	6.3	6.5	7.6	7.8	7.9	8.6	1.17	.82
Higher education	1.4	2.2	6.7	7.2	7.2	7.4	8.2	8.4	7.4	8.5	1.14	.80
Research and general *education aids*	.4	.8	1.2	1.0	1.1	1.2	1.1	1.2	1.3	1.4	.20	.13
Training and employment	1.6	4.1	10.3	5.5	5.3	4.6	5.0	5.3	5.1	5.2	1.75	.49
Social services	2.3	4.4	6.1	6.0	6.1	7.2	6.7	7.2	7.4	9.2	1.03	.87

See footnotes at end of table.

NO. 490. FEDERAL RECEIPTS, BY SOURCE, AND OUTLAYS, BY FUNCTION: 1970 TO 1988—Con.

[In billions of dollars. See headnote, p. 304]

SOURCE OR FUNCTION	1970	1975	1980	1982	1983	1984	1985	1986	1987	1988, est.	PERCENT DISTRIBUTION 1980	PERCENT DISTRIBUTION 1988
Commerce and housing credit	**2.1**	**9.9**	**9.4**	**6.3**	**6.7**	**6.9**	**4.2**	**4.9**	**6.2**	**12.4**	**1.59**	**1.17**
Mortgage credit and thrift insurance	.1	6.0	5.6	4.0	3.9	3.8	.9	2.3	3.1	8.2	.95	.78
Payment to Postal Service	1.5	3.0	1.2	.2	1.1	1.2	1.4	.8	1.6	2.2	.21	.21
Other commerce	.5	1.0	2.5	2.1	1.7	1.9	2.0	1.8	1.5	1.9	.43	.18
Transportation [1]	**7.0**	**10.9**	**21.3**	**20.6**	**21.3**	**23.7**	**25.8**	**28.1**	**26.2**	**27.2**	**3.61**	**2.58**
Ground transportation	4.7	7.0	15.3	14.3	14.3	16.2	17.6	18.7	17.2	17.8	2.58	1.69
Air transportation	1.4	2.4	3.7	3.5	4.0	4.4	4.9	5.3	5.5	6.0	.63	.57
Water transportation	.9	1.4	2.2	2.7	3.0	3.0	3.2	4.0	3.5	3.3	.38	.31
Natural resources and environment [1]	**3.1**	**7.3**	**13.9**	**13.0**	**12.7**	**12.6**	**13.4**	**13.6**	**13.4**	**15.1**	**2.35**	**1.43**
Water resources	1.5	2.6	4.2	3.9	3.9	4.1	4.1	4.0	3.8	4.2	.71	.39
Conservation and land management	.4	.7	1.0	1.1	1.5	1.3	1.5	1.4	1.5	2.5	.18	.24
Recreational resources	.4	.8	1.7	1.4	1.5	1.6	1.6	1.5	1.6	1.8	.28	.17
Pollution control and abatement	.4	2.5	5.5	5.0	4.3	4.0	4.5	4.8	4.9	4.8	.93	.46
Other natural resources	.4	.8	1.4	1.5	1.5	1.6	1.7	1.9	1.7	1.9	.24	.18
Energy [1]	**1.0**	**2.9**	**10.2**	**13.5**	**9.4**	**7.1**	**5.7**	**4.7**	**4.1**	**2.7**	**1.72**	**.26**
Supply	.9	2.4	8.4	8.3	6.1	3.3	2.6	2.8	2.3	1.2	1.42	.11
Conservation	–	(z)	.6	.5	.5	.5	.5	.5	.3	.3	.10	.03
Emergency preparedness	–	(z)	.3	3.9	1.9	2.5	1.8	.6	.8	.6	.06	.06
Information, policy, and regulation	.1	.4	.9	.9	.9	.8	.7	.8	.7	.6	.15	.06
Community and regional development	**2.4**	**4.3**	**11.3**	**8.3**	**7.6**	**7.7**	**7.7**	**7.2**	**5.1**	**6.3**	**1.90**	**.60**
Community development	1.4	2.3	4.9	4.6	4.4	4.5	4.6	4.1	3.7	3.8	.83	.36
Area and regional development	.7	1.6	4.3	3.8	3.2	3.0	3.1	2.7	1.6	2.5	.73	.24
Disaster relief and insurance	.3	.4	2.0	–.1	(–z)	.1	(–z)	.4	–.2	.1	.35	.01
Agriculture [1]	**5.2**	**3.0**	**8.8**	**15.9**	**22.9**	**13.6**	**25.6**	**31.4**	**27.4**	**22.4**	**1.50**	**2.12**
Farm income stabilization	4.6	2.2	7.4	14.3	21.3	11.9	23.8	29.6	25.5	20.3	1.26	1.93
Research and services	.6	.9	1.4	1.6	1.6	1.7	1.8	1.8	1.9	2.0	.24	.19
Net interest	**14.4**	**23.2**	**52.5**	**85.0**	**89.8**	**111.1**	**129.4**	**136.0**	**138.6**	**147.9**	**8.89**	**14.00**
General science, space, and technology [2]	**4.5**	**4.0**	**5.8**	**7.2**	**7.9**	**8.3**	**8.6**	**9.0**	**9.2**	**10.9**	**.99**	**1.03**
General science and basic research	.9	1.0	1.4	1.6	1.6	1.8	2.0	2.2	2.3	2.5	.23	.23
Space flight	2.3	1.7	2.6	3.5	4.1	4.0	4.0	3.8	4.1	5.2	.44	.49
Space science, applications and technology	1.2	1.3	1.9	2.1	2.2	2.4	2.6	3.0	2.8	3.3	.31	.31
General government [1]	**2.3**	**10.4**	**13.0**	**10.9**	**11.2**	**11.8**	**11.6**	**12.5**	**7.6**	**8.8**	**.75**	**.66**
Legislative functions	.3	.6	1.0	1.2	1.2	1.3	1.4	1.4	1.4	1.6	.18	.15
Management, direction (Exec.)	(z)	.1	.1	.1	.1	.1	.1	.1	.1	.1	.02	.01
Central fiscal operations	.9	1.9	2.6	2.6	3.1	3.3	3.5	3.6	3.9	5.3	.44	.50
General property and records management	.6	.4	.3	.2	.2	.2	.1	.5	.1	(–z)	.06	(x)
General purpose fiscal assistance	**.5**	**7.2**	**8.6**	**6.4**	**6.5**	**6.8**	**6.4**	**6.4**	**1.6**	**1.8**	**1.45**	**.17**
Administration of justice	**1.0**	**3.0**	**4.6**	**4.7**	**5.1**	**5.7**	**6.3**	**6.6**	**7.5**	**9.0**	**.78**	**.85**
Federal law enforcement	.6	1.3	2.2	2.5	2.9	3.2	3.5	3.6	4.1	5.0	.38	.47
Federal judicial activities [3]	.2	.6	1.3	1.5	1.6	1.8	2.1	2.2	2.5	2.8	.23	.27
Federal correctional activities	.1	.2	.3	.4	.4	.5	.5	.6	.7	.8	.06	.08
Criminal justice assistance	.1	.9	.7	.3	.2	.1	.2	.2	.3	.4	.11	.03
Undistributed offsetting receipts	**–8.6**	**–13.6**	**–19.9**	**–26.1**	**–34.0**	**–32.0**	**–32.7**	**–33.0**	**[4]–36.5**	**–36.1**	**–3.37**	**–3.42**
Employer share, employee retirement	–8.4	–11.2	–15.8	–19.8	–23.5	–25.3	–27.2	–28.3	–30.6	–33.0	–2.68	–3.12
Rents and royalties [5]	–.2	–2.4	–4.1	–6.3	–10.5	–6.7	–5.5	–4.7	–4.0	–3.2	–.69	–.30

– Represents zero. X Not applicable. Z Less than $50 million. [1] Totals reflect interfund and intragovernmental transactions and/or other functions, not shown separately. [2] Includes supporting space activities. [3] Includes litigative activities. [4] Includes sale of major assets (–1.9), not shown separately. [5] On Outer Continental Shelf.

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

NO. 491. FEDERAL BUDGET OUTLAYS IN CURRENT AND CONSTANT (1982) DOLLARS: 1970 TO 1988

[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 is feasible. See headnote, table 489. Minus sign (–) indicates decrease]

YEAR	CURRENT DOLLARS						CONSTANT (1982) DOLLARS					
	Total	National defense	Total non-defense [1]	Payments for individuals [2]	Net interest [3]	Aid to State and local govt.	Total	National defense	Total non-defense [1]	Payments for individuals [2]	Net interest [3]	Aid to State and local govt.
TOTAL OUTLAYS (bil. dol.)												
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	608.8	153.6	456.2	291.7	43.0	96.1
1976, TQ [4]	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	97.2	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	774.6	201.3	573.3	378.6	86.1	88.7
1984	851.8	227.4	624.4	399.8	111.1	97.5	787.7	211.3	576.4	368.7	102.7	90.1
1985	946.3	252.7	693.6	425.6	129.4	105.7	848.0	229.4	618.7	379.7	115.9	93.8
1986	990.3	273.4	716.9	449.4	136.0	112.2	865.7	243.0	622.7	390.4	118.4	96.5
1987	1,004.6	282.0	722.6	469.4	138.6	108.2	859.3	249.8	609.5	394.9	117.5	90.4
1988, est	1,055.9	285.4	770.5	498.9	147.9	116.5	869.8	243.5	626.3	404.7	120.9	93.6
PERCENT DISTRIBUTION												
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
1971	100.0	37.5	62.5	38.3	7.1	13.3	100.0	39.8	60.2	35.5	6.7	13.1
1972	100.0	34.3	65.7	40.3	6.7	14.9	100.0	36.2	63.8	37.9	6.4	14.6
1973	100.0	31.2	68.8	42.5	7.1	17.0	100.0	33.2	66.8	40.9	6.8	16.8
1974	100.0	29.5	70.5	44.6	8.0	16.1	100.0	30.9	69.1	43.2	7.8	16.0
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
1976	100.0	24.1	75.9	48.4	7.2	15.9	100.0	25.2	74.8	47.8	7.1	15.8
1976, TQ [4]	100.0	23.2	76.8	47.3	7.2	16.6	100.0	24.3	75.7	46.7	7.1	16.5
1977	100.0	23.8	76.2	48.0	7.3	16.7	100.0	24.8	75.2	47.5	7.2	16.6
1978	100.0	22.8	77.2	46.0	7.7	17.0	100.0	23.8	76.2	45.5	7.6	16.8
1979	100.0	23.1	76.9	46.3	8.5	16.4	100.0	24.1	75.9	45.7	8.3	16.1
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	25.9	74.1	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	27.0	73.0	44.7	13.6	11.0
1986	100.0	27.6	72.4	39.7	13.7	11.4	100.0	27.9	72.1	45.0	13.6	11.1
1987	100.0	28.1	71.9	46.7	13.8	10.8	100.0	29.1	70.9	46.0	13.7	10.5
1988, est	100.0	27.0	73.0	47.2	14.0	11.0	100.0	28.0	72.0	46.5	13.9	10.8
ANNUAL PERCENT CHANGE												
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	.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	–(Z)	–8.3	4.7	7.8	6.8	15.0
1973–1974	9.6	3.5	12.4	14.9	23.6	3.6	.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	.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	.5	6.1	.4	10.8	6.0
1978–1979	9.8	11.3	9.8	10.4	20.2	6.3	1.2	2.6	.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	–.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	.9	3.6	15.3	–12.3
1982–1983	8.5	13.3	6.8	10.8	5.6	4.0	3.9	8.6	2.3	6.1	1.3	.6
1983–1984	5.2	8.3	4.1	1.1	23.7	5.5	1.7	5.0	.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	3.4	5.6	5.1	6.1	2.1	5.9	.6	2.8	2.2	2.9
1986–1987	1.4	3.1	.8	4.5	1.9	–3.5	–.7	2.8	–2.1	1.2	–.8	–6.3
1987–1988	5.1	1.2	6.6	6.3	6.7	7.7	1.2	–2.5	2.8	2.5	2.9	3.5

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

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

No. 492. Federal Trust Fund Receipts, Outlays, and Balances: 1970 to 1988

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

TYPE OF FUND	1970	1975	1980	1983	1984	1985	1986	1987	1988, est.
Total receipts [1]	**59.4**	**116.6**	**213.9**	**317.4**	**338.1**	**383.9**	**407.2**	**430.0**	**471.4**
OASDI [2] trust funds	31.7	66.7	117.4	172.5	181.1	200.3	200.2	227.6	257.3
Health insurance trust funds	11.9	16.9	35.7	63.1	68.3	75.5	81.4	90.5	102.7
Federal employees retirement funds	4.7	11.5	24.5	34.9	36.8	40.9	43.3	44.0	46.6
Unemployment insurance funds	4.1	8.2	16.2	31.6	29.9	28.6	26.1	27.6	26.2
Highway trust funds	5.5	6.8	7.6	9.4	12.9	14.3	14.7	14.3	15.5
Railroad employees retirement funds	1.7	2.8	4.4	6.3	8.4	9.1	9.9	9.3	9.8
Foreign military sales trust funds	.8	4.4	7.7	13.2	11.2	9.6	10.7	8.5	8.4
Airport and airway trust funds	–	1.1	2.3	2.7	3.0	3.6	3.6	3.9	4.2
State and local fiscal assistance trust funds [3]	–	6.2	6.9	4.6	4.6	4.6	4.2	–	–
Veterans life insurance funds	.8	.9	1.1	1.2	1.3	1.3	1.4	1.4	1.4
Total outlays [1]	**49.1**	**111.2**	**205.1**	**294.3**	**305.2**	**329.5**	**344.9**	**357.4**	**374.0**
OASDI [2] trust funds	27.3	64.7	118.6	172.3	180.9	191.0	199.8	208.1	220.5
Health insurance trust funds	10.1	14.8	35.0	56.9	62.7	71.4	75.9	81.6	87.7
Federal employees retirement funds	2.8	7.1	14.9	21.0	22.1	23.3	24.3	26.0	27.6
Unemployment insurance funds	3.6	13.2	16.4	32.7	26.1	23.8	21.8	20.5	17.5
Highway trust funds	4.4	4.8	9.2	8.8	10.6	13.3	14.8	13.5	14.2
Railroad employees retirement funds	1.6	3.1	4.7	6.8	5.7	7.9	8.1	8.6	9.0
Foreign military sales trust funds	1.0	3.5	8.8	12.4	10.9	9.8	9.7	9.9	8.6
Airport and airway trust funds	–	.6	1.2	1.8	1.4	2.6	2.4	2.6	3.0
State and local fiscal assistance trust funds [4]	–	6.1	6.8	4.6	4.6	4.6	5.1	.1	–
Veterans life insurance funds	.8	.8	1.0	1.0	1.0	1.0	1.1	1.1	1.1
Balances	**97.3**	**142.6**	**192.4**	**228.4**	**261.4**	**315.5**	**378.2**	**450.2**	**548.1**
OASDI [2] trust funds	32.6	48.2	32.3	32.0	32.2	39.8	45.9	65.4	102.2
Health insurance trust funds	7.8	11.3	19.0	20.4	26.0	32.0	48.1	57.0	72.1
Federal employees retirement funds	22.5	38.8	74.3	111.2	125.9	143.5	162.5	180.5	199.5
Unemployment insurance trust fund	13.1	7.4	14.9	10.0	13.9	18.7	22.9	30.0	38.7
Highway trust funds	2.6	9.6	11.0	9.6	11.8	12.9	12.8	13.6	14.9
Railroad employees retirement accounts	4.8	4.3	2.7	.5	3.1	4.2	6.1	6.7	7.6
Foreign military sales trust fund	.5	2.1	5.2	5.3	5.6	5.5	6.5	5.1	4.9
Airport and airway trust fund	–	2.0	5.4	4.8	6.4	7.4	8.6	9.9	11.2
State and local fiscal assistance trust funds	–	1.7	1.8	1.2	1.2	1.2	.3	.2	.2
Veterans life insurance funds	7.1	7.7	8.5	9.1	9.4	9.7	10.0	10.4	10.7
Trust revolving funds	5.5	8.9	15.5	21.1	22.3	25.3	25.7	27.7	28.5
Other trust funds (nonrevolving)	.6	.7	1.7	3.3	3.4	3.9	5.1	6.0	7.7
Military retirement fund	(x)	(x)	(x)	(x)	–	11.4	23.7	37.5	52.0

– Represents zero. X Not applicable. [1] After deductions for intrafund transactions, proprietary receipts from public, receipts from off-budget Federal agencies, and receipts and outlays from trust funds, not shown separately. [2] Old-age, survivors, and disability insurance. [3] Deposits for general revenue sharing. [4] Payments for general revenue sharing.

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

No. 493. Executive Controllability of Federal Budget Outlays: 1970 to 1988

[**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, such as benefit payments that beneficiaries are entitled to by law or contractual agreement or other existing legally binding commitments. This table is based on a Presidential perspective]

OUTLAYS	1970	1975	1980	1983	1984	1985	1986	1987	1988, est.
Total outlays	**195.6**	**332.3**	**590.9**	**808.3**	**851.8**	**946.3**	**989.8**	**1,004.6**	**1,055.9**
Relatively uncontrollable outlays	**120.3**	**222.2**	**413.8**	**593.5**	**624.1**	**689.4**	**745.4**	**769.3**	**798.8**
Percent of total outlays	61.5	66.9	70.0	73.4	73.3	72.9	75.3	76.6	75.7
Open-ended programs and fixed costs [1]	78.3	168.9	310.7	464.8	478.8	527.2	564.1	584.0	614.5
Payments for individuals [1]	60.1	139.5	246.6	353.8	357.4	380.5	402.6	421.7	448.8
Social Security and railroad retirement	30.7	67.3	120.0	171.8	179.3	189.9	199.9	208.6	220.9
Medical care	9.4	20.6	47.2	73.5	79.9	91.0	97.8	105.9	114.8
Federal employees' retirement and insurance [2]	8.7	18.4	34.7	47.3	49.0	49.8	52.9	55.2	57.7
Food and nutrition assistance	(x)	1.6	3.5	3.3	3.6	3.7	3.8	4.1	4.4
Public assistance and related programs	6.4	12.2	17.5	20.9	21.0	22.2	24.5	25.7	29.9
Unemployment assistance	3.1	12.8	16.8	29.7	16.9	16.1	16.3	15.7	14.4
Net interest	14.4	23.2	52.5	89.8	111.1	129.4	136.0	138.6	147.9
Farm price supports [3]	3.8	.6	2.8	18.9	7.3	17.7	25.8	22.4	17.7
Prior-year contracts and obligations [4]	41.9	53.3	103.2	128.7	145.3	162.2	181.3	185.3	184.3
Relatively controllable outlays	**83.8**	**113.2**	**178.7**	**226.0**	**243.0**	**284.1**	**272.7**	**265.9**	**290.1**
National defense	57.6	84.2	97.4	141.4	147.8	180.5	165.4	169.1	171.1
Civilian programs	26.3	49.1	81.3	84.5	95.2	123.6	107.3	96.8	119.1
Undistributed employer share, employee retirement	−8.4	−11.2	−15.8	−23.5	−25.3	−27.2	−28.3	−30.6	−33.0

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

Source: U.S. Office of Management and Budget, *Budget of the United States Government, 1989 Supplement.*

No. 494. Revenue Losses Estimates for Selected "Tax Expenditures" by Function: 1980 to 1988

[**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 1988]

DESCRIPTION	1980	1985	1986	1987	1988
National defense:					
Exclusion of benefits and allowances to Armed Forces personnel	1,470	1,955	2,095	2,000	1,885
International affairs:					
Exclusion of income earned abroad by United States citizens	555	1,405	1,490	1,330	1,220
Inventory property sales source rules exception	(X)	(X)	(X)	1,845	2,625
Natural resources and environment:					
Exclusion of interest on State and local IDB's for pollution control and sewage and waste disposal facilities	635	1,250	1,600	1,715	1,635
Commerce and housing credit:					
Exclusion of interest on small issue industrial development bonds	430	475	2,775	2,925	2,705
Exclusion of interest on life insurance savings	3,490	2,175	6,990	5,425	5,410
Deductibility of interest on consumer credit	4,745	15,530	17,945	11,845	6,530
Deductibility of mortgage interest on owner-occupied homes	15,615	24,785	30,435	34,745	33,675
Deductibility of property tax on owner-occupied homes	7,310	9,315	8,560	10,285	10,100
Exclusion of interest on State and local housing bonds for owner-occupied housing	447	1,686	2,050	2,010	1,765
Exclusion of interest on State and local debt for rental housing	(NA)	755	1,240	1,385	1,235
Deferral of capital gains on home sales	1,010	1,775	1,985	2,575	3,700
Exclusion of capital gains on home sales for persons age 55 and over	535	830	925	2,160	2,860
Carryover basis of capital gains at death	4,750	4,355	4,940	5,710	11,540
Investment credit, other than ESOP's, rehabilitation of structures, energy property, and reforestation expenditures	18,250	24,445	20,055	13,305	9,195
Accelerated depreciation of machinery and equipment [1]	(NA)	20,145	39,010	13,280	21,920
Reduced rates on the first $100,000 of corporate income:					
Pre-1983 budget method	7,210	5,015	4,645	3,710	3,155
Exception from passive loss rules for $25,000 of rental losses	(X)	(X)	(X)	[2] 350	1,100
Education, training, employment, and social services:					
Deductibility of charitable contributions (education)	1,090	1,345	1,640	1,720	1,520
Credit for child and dependent care expenses	885	2,700	3,170	3,475	3,920
Deductibility of charitable contributions, other than education and health	6,270	10,175	12,620	12,095	10,460
Health:					
Exclusion of employer contributions for medical insurance premiums and medical care	12,075	21,095	23,435	24,550	24,690
Deductibility of medical expenses	3,150	3,620	3,755	3,150	1,960
Exclusion of interest on State and local debt for private nonprofit health facilities	425	1,405	2,235	2,570	2,230
Deductibility of charitable contributions (health)	1,370	1,615	2,000	1,570	1,375
Social Security and medicare:					
Exclusion of Social Security benefits:					
Disability insurance benefits	690	1,170	1,195	1,170	1,095
OASI benefits for retired workers	6,890	12,955	13,275	14,285	13,470
Benefits for dependents and survivors	1,015	3,755	3,905	3,025	2,850
Income security:					
Exclusion of workmen's compensation benefits	2,200	2,225	2,425	2,740	2,660
Net exclusion of pension contributions and earnings:					
Employer plans	19,785	48,525	48,950	45,335	41,765
Individual Retirement Accounts	(NA)	12,695	14,890	13,890	9,080
Keoghs	1,925	1,960	2,135	2,355	1,520
Exclusion of other employee benefits:					
Premiums on group term life insurance	(NA)	2,055	2,200	1,940	1,940
Additional deduction for the elderly	(X)	(X)	(X)	[2] 1,630	1,535
Veterans benefits and services:					
Exclusion of veterans disability compensation	1,065	1,695	1,700	1,615	1,470
General purpose fiscal assistance:					
Exclusion of interest on public purpose State and local debt	4,925	8,060	9,590	10,880	10,350
Deductibility of nonbusiness State and local taxes other than on owner-occupied homes	14,690	21,455	23,985	22,480	17,250
Tax credit for corporations receiving income from doing business in United States possessions	905	1,660	1,895	1,895	1,890

NA Not available. X Not applicable. [1] Pre-1983 budget method. [2] Data on calendar year basis.

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

NO. 495. FEDERAL BUDGET OUTLAYS, BY AGENCY: 1975 TO 1988

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

DEPARTMENT OR OTHER UNIT	1975	1980	1981	1982	1983	1984	1985	1986	1987	1988, est.
Total	**332.3**	**590.9**	**678.2**	**745.7**	**808.3**	**851.8**	**946.3**	**990.3**	**1,004.6**	**1,055.9**
Legislative branch	.7	1.2	1.2	1.4	1.4	1.6	1.6	1.7	1.8	1.9
The Judiciary	.3	.6	.6	.7	.8	.9	1.0	1.1	1.2	1.4
Executive Office of the President [1]	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Funds appropriated to President [2]	3.7	8.5	8.2	7.9	7.9	10.8	11.9	11.0	10.4	5.2
Departments:										
Agriculture	15.6	34.8	41.6	45.7	52.4	42.0	55.5	58.7	50.4	50.7
Commerce	1.1	3.1	2.3	2.1	1.9	1.9	2.1	2.1	2.1	2.5
Defense	93.1	146.1	170.7	198.6	223.3	240.5	263.9	285.7	294.7	299.6
Education	7.6	14.8	17.1	14.8	14.6	15.5	16.7	17.7	16.8	18.8
Energy	3.2	6.5	11.7	11.6	10.6	11.0	10.6	11.0	10.7	10.5
Health and Human Services	104.2	194.2	228.7	253.1	276.7	292.2	315.5	333.9	351.3	375.1
Housing and Urban Development	7.5	12.7	14.9	15.2	15.8	16.7	28.7	14.1	15.5	18.6
Interior	2.2	4.5	4.5	3.9	4.6	4.9	4.8	4.8	5.1	5.4
Justice	2.1	2.6	2.7	2.6	2.6	3.2	3.6	3.8	4.3	5.2
Labor [3]	17.7	29.7	30.1	30.7	38.1	24.5	23.9	24.1	23.5	22.0
State	.8	1.9	1.9	2.2	2.3	2.4	2.6	2.9	2.8	3.3
Transportation	10.1	19.8	22.8	20.0	20.6	23.0	25.0	27.4	25.4	26.3
Treasury	41.3	76.5	92.6	110.3	116.4	141.0	164.9	179.2	180.3	188.9
Independent agencies:										
Environmental Protection Agency	2.5	5.6	5.2	5.1	4.3	4.1	4.5	4.9	4.9	4.9
General Services Administration	.4	.2	.1	.2	.1	.1	(−Z)	.4	.1	−.1
National Aeronautics and Space Administration	3.3	5.0	5.5	6.2	6.9	7.1	7.3	7.4	7.6	9.1
Office of Personnel Management	7.1	15.1	18.1	20.0	21.3	22.6	23.7	24.0	27.0	28.5
Small Business Administration	.7	2.0	2.0	.6	.7	.5	.7	.6	−.1	.3
Veterans Administration	16.6	21.1	22.9	23.9	24.8	25.6	26.3	26.5	27.0	27.6
Other independent agencies	12.0	16.1	14.5	10.6	11.2	11.9	10.0	12.2	14.3	17.9
Undistributed offsetting receipts	−21.3	−32.0	−41.9	−42.2	−51.1	−52.3	−58.7	−65.0	−72.3	−77.7

Z Less than $50 million. [1] Represents funds used to finance the operations of the various units within the office of the President. [2] Represents international affairs funds mainly; funds are administered by the State Department, U.S. Agency for International Development, and Department of Defense under the direction of the President. [3] Includes Pension Benefit Guaranty Corporation.

Source: U.S. Office of Management and Budget, *Historical Tables, Budget of the United States Government, 1989.*

NO. 496. PUBLIC DEBT AND INTEREST PAID OF THE FEDERAL GOVERNMENT: 1940 TO 1987

[For fiscal years ending in year shown; see text, section 9. Total *public debt* is restricted to borrowing by the Treasury and the value of savings bonds at current redemption value. See table 489 for "gross Federal debt." For explanation of average annual percent change, see Guide to *Tabular Presentation*. Minus sign (−) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series Y 461, 493, and 494]

YEAR	PUBLIC DEBT			INTEREST PAID		YEAR	PUBLIC DEBT			INTEREST PAID	
	Total [1] (bil. dol.)	Average annual percent change [2]	Per capita [3] (dol.)	Total (bil. dol.)	Percent of Federal outlays [4]		Total [1] (bil. dol.)	Average annual percent change [2]	Per capita [3] (dol.)	Total (bil. dol.)	Percent of Federal outlays [4]
1940	43.0	8.4	325	1.0	10.5	1976	620.4	16.4	2,852	37.1	10.0
1945	258.7	43.0	1,849	3.8	4.1	1977	698.8	10.1	3,170	41.9	10.2
1950	256.1	−.1	1,688	5.7	13.4	1978	771.5	10.4	3,463	48.7	10.6
1955	272.8	1.3	1,651	6.4	9.4	1979	826.5	7.1	3,669	59.8	11.9
1960	284.1	.8	1,572	9.2	10.0	1980	907.7	9.8	3,985	74.9	12.7
1965	313.8	2.0	1,613	11.3	9.6	1981	997.9	9.9	4,338	95.6	14.1
1970	370.1	3.3	1,814	19.3	9.9	1982	1,142.0	14.4	4,913	117.4	15.7
1971	397.3	7.4	1,921	21.0	10.0	1983	1,377.2	20.6	5,870	128.8	15.9
1972	426.4	7.3	2,037	21.8	9.4	1984	1,572.3	14.2	6,640	153.8	18.1
1973	457.3	7.2	2,164	24.2	9.8	1985	1,823.1	16.0	7,616	178.9	18.9
1974	474.2	3.7	2,223	29.3	10.9	1986	2,125.3	16.6	8,793	187.1	18.9
1975	533.2	12.4	2,475	32.7	9.8	1987	2,350.3	10.6	9,630	195.4	19.5

[1] Adjusted to exclude nonmarketable issues to the International Monetary Fund and other international institutions for 1950, 1955, 1960, 1965, and 1970–1974. [2] From preceding year shown; for 1940, change from 1935. [3] *1940–1976, based on estimated* July 1 population; thereafter, based on October 1 *resident population*; prior to 1960, excludes Alaska and Hawaii. [4] Calculated on total expenditures not reduced by interfund transactions representing interest and certain other payments to Treasury through 1950. Beginning 1955, total budget outlays. See table 489.

Source: U.S. Dept. of the Treasury, *Statistical Appendix* to the *Annual Report of the Secretary of the Treasury on the State of the Finances* through fiscal 1980; thereafter, *Monthly Statement of the Public Debt of the United States*, and *Final Monthly Treasury Statement of Receipts and Outlays of the U.S. Government.*

No. 497. Interest-Bearing Public Debt of the Federal Government: 1970 to 1987

[**In billions of dollars.** As of **end of fiscal year**; see text, section 9. See also *Historical Statistics, Colonial Times to 1970*, series Y 497 and Y 500–504]

YEAR	Total	MARKETABLE				NONMARKETABLE			
		Total	Bills	Notes	Treasury bonds [1]	Total	U.S. savings bonds	Other [2]	Govt. account series [3]
1970	369.0	232.6	76.2	93.5	63.0	136.4	51.3	8.8	76.3
1975	532.1	315.6	128.6	150.2	36.8	216.5	65.4	26.9	124.2
1979	819.0	506.7	161.4	274.2	71.1	312.3	80.4	55.5	176.4
1980	906.4	594.5	199.8	310.9	83.8	311.9	72.7	49.3	189.8
1981	996.5	683.2	223.4	363.6	96.2	313.3	68.0	44.2	201.1
1982	1,140.9	824.4	277.9	442.9	103.6	316.5	67.3	38.7	210.5
1983	1,375.8	1,024.0	340.7	557.5	125.7	351.8	70.0	47.0	234.7
1984	1,559.6	1,176.6	356.8	661.7	158.1	383.0	72.8	50.6	259.5
1985	1,821.0	1,360.2	384.2	776.4	199.5	460.6	77.0	69.9	313.9
1986	2,122.7	[4] 1,564.3	410.7	896.9	241.7	558.4	85.6	106.9	365.9
1987	2,347.8	[4] 1,676.0	378.3	1,005.1	277.6	671.8	97.0	134.1	440.7
PERCENT DISTRIBUTION									
1970	100.0	63.0	20.7	25.3	17.1	37.0	13.9	2.4	20.7
1980	100.0	65.6	22.0	34.3	9.2	34.4	8.0	5.4	20.9
1985	100.0	74.7	21.1	42.6	11.0	25.3	4.2	3.8	17.2
1986	100.0	[4] 73.7	19.3	42.3	11.4	26.3	4.0	5.0	17.2
1987	100.0	[4] 71.4	16.1	42.8	11.8	28.6	4.1	5.7	18.8

[1] Bank eligible bonds. [2] Comprises Treasury bonds, investment series (all years); Treasury bonds (various); certificates of indebtedness (various); certificates and notes; depositary bonds; U.S. retirement plan bonds; and U.S. savings notes, beginning 1970. [3] 1970 known as U.S. Treasury special issues. [4] Includes Federal Financing Bank, *not shown separately*.

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

No. 498. Federal Securities—Distribution by Class of Investor: 1970 to 1987

[**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 outstanding, total [1]	INTEREST-BEARING PUBLIC DEBT SECURITIES				YEAR	Federal securities outstanding, total [1]	INTEREST-BEARING PUBLIC DEBT SECURITIES			
		Total outstanding	Held by U.S. Govt. accounts	Held by Federal Reserve banks [2]	Held by private investors			Total outstanding	Held by U.S. Govt. accounts	Held by Federal Reserve banks [2]	Held by private investors
1970	383	369	95	58	216	1980	914	906	198	121	588
1973	468	456	123	75	258	1981	1,004	996	208	124	664
1974	486	473	138	80	255	1982	1,147	1,141	216	134	790
1975	544	532	145	85	302	1983	1,362	1,376	239	155	981
1976	632	619	150	94	375	1984	1,577	1,560	263	156	1,141
1977	709	698	155	[3] 105	437	1985	1,827	1,821	317	170	1,335
1978	780	767	168	115	484	1986	2,130	2,123	383	191	1,549
1979	834	819	186	115	516	1987	2,354	2,348	457	212	1,679

[1] Includes agency securities *and matured* public debt not shown *separately*. [2] Public issues.
[3] Includes a nonmarketable *Federal Reserve* special certificate for $2,500.

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

No. 499. Interest-Bearing Government Securities Outstanding: 1970 to 1987

[**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	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total	**521**	**756**	**1,049**	**1,128**	**1,247**	**1,383**	**1,540**	**1,823**	**2,052**	**2,379**	**2,776**	**3,057**
State and local govts. [1] [2]	139	213	273	302	334	360	394	442	488	554	649	705
Percent of total	26.7	28.2	26.0	26.8	26.8	26.4	25.6	24.2	23.8	23.3	23.4	23.1
Taxable [3]	306	419	623	650	723	802	936	1,146	1,304	1,511	1,761	1,911
Government account series [4]	76	124	153	176	190	201	210	235	260	314	366	441
By issuer:												
U.S. Treasury	369	532	767	819	906	996	1,141	1,376	1,560	1,821	2,123	2,348
Agency securities [5]	13	11	9	7	7	6	5	5	4	4	4	4
State and local govts. [1] [2]	139	213	273	302	334	360	394	442	488	554	649	705

[1] Source: Board of Governors, Federal *Reserve* System, unpublished data. [2] Includes some partially taxable debt. Includes industrial pollution control bonds, student loan bonds and nonprofit hospital bonds. [3] Interest is subject to both *normal and* surtax rates of Federal income tax. [4] Prior to July 1, 1974, known as U.S. Treasury special issues. [5] Excludes securities issued by Federal *home loan* banks, Federal land banks, *Federal National* Mortgage Association, Federal intermediate credit banks, and banks for cooperatives.

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. 500. Federal Participation in Domestic Credit Markets: 1979 to 1987

[**In billions of dollars, except percent.** See headnote, table 501. 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. Nonfinancial sectors]

TYPE OF PARTICIPATION	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total funds loaned in U.S. credit markets, excluding equities [1]	413.0	359.0	410.5	391.1	547.6	649.5	687.5	830.0	642.7
Federal and federally assisted lending	72.9	79.9	86.5	87.6	86.5	79.5	110.3	129.1	149.2
Federal participation rate (percent)	17.7	22.3	21.1	22.4	15.8	12.2	16.0	15.6	23.2
Direct loans	19.6	24.2	26.1	23.4	15.3	6.3	28.0	11.2	−19.0
Guaranteed loans	25.2	31.6	28.0	20.9	34.1	20.1	21.6	34.6	60.4
Government-sponsored enterprise loans	28.1	24.1	32.4	43.3	37.1	53.1	60.7	83.3	107.8
Total funds borrowed in U.S. credit markets [1]	418.5	351.1	409.5	393.3	511.4	700.7	758.2	906.1	723.8
Federal and federally assisted borrowing	80.7	123.5	142.1	199.5	280.4	246.4	276.8	374.1	327.1
Federal participation rate (percent)	19.3	35.2	34.7	50.7	54.8	35.2	36.5	41.3	45.2
Federal borrowing from public	33.6	70.5	79.3	135.0	212.3	170.8	197.3	236.3	151.7
Borrowing for guaranteed loans	25.2	31.6	28.0	20.9	34.1	20.1	21.6	34.6	60.4
Government-sponsored enterprise borrowing	21.9	21.4	34.8	43.6	34.0	55.5	57.9	103.2	115.0

[1] 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. 501. Federal Direct and Guaranteed Loans: 1970 to 1988

[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 500]

YEAR	AMOUNT (bil. dol.)						PERCENT CHANGE			
	Direct loans [1]			Guaranteed loans [2]			Direct loans [1]		Guaranteed loans [2]	
	Gross (new) loans disbursed	Net loan outlays	Direct loans outstanding	Primary [3]	Net loans	Guaranteed loans outstanding	Gross (new) loans disbursed	Direct loans outstanding	Primary [3]	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	6.8
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	.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, est.	34.5	−16.2	218.0	100.1	20.8	527.8	−2.0	−6.9	−34.0	4.1

[1] Includes loans from "off-budget" Government accounts. [2] Includes capital subscriptions to international financial institutions. To avoid double counting, secondary guaranteed loans and guaranteed loans held as direct loans are excluded. [3] Gross loan 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, *Special Analyses, Budget of the United States Government,* annual.

No. 502. U.S. Savings Bonds: 1970 to 1987

[**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	1979	1980	1981	1982	1983	1984	1985	1986	1987
Amounts outstanding, total [1]	51.8	65.5	80.5	72.7	68.0	67.5	70.3	73.1	77.3	85.8	97.3
Funds from sales	4.7	6.8	7.3	4.8	3.4	3.1	4.0	3.9	5.0	8.3	10.3
Accrued discounts	1.0	3.3	4.3	4.2	4.2	4.9	5.0	5.3	5.2	5.6	6.1
Redemptions [2]	6.3	6.5	11.0	16.7	12.3	8.7	6.1	6.1	5.7	5.1	4.9
Percent of total outstanding	12.2	10.0	13.6	23.0	18.0	12.9	8.7	8.3	7.4	6.0	5.1

[1] Interest-bearing debt only for amounts end of period or end of year. [2] Matured and unmatured bonds.

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

No. 503. Federal Funds—Summary Distribution, by State and Outlying Areas: 1987

[**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 *expenditure* basis; procurement is on obligation basis. Minus sign (–) indicates decrease. For composition of regions, see fig. I, inside front cover]

Region, division, and state	Federal funds			Defense	Non-defense	Direct payments to individuals	Procurement	Grants to State and *local* gov'ts.	Salaries and wages
	Total [1]	Percent change 1986–1987	Per capita [2] (dol.)						
Total U.S.	**848,163**	**2.2**	**3,434**	**231,601**	**616,562**	**383,937**	**196,325**	**107,962**	***126,854***
	819,155	**2.0**	**3,365**	***215,777***	***603,378***	***380,073***	**176,185**	**104,005**	**125,894**
Region:									
Northeast	172,527	2.1	3,432	40,547	131,981	85,104	38,088	26,944	17,609
Midwest	175,306	1.2	2,944	31,929	143,379	91,086	27,874	*24,552*	*19,224*
South	288,830	2.5	3,443	*82,046*	*206,784*	*131,894*	*57,314*	31,520	58,381
West	182,490	1.9	3,672	61,254	121,236	71,989	52,908	20,989	30,679
New England	**51,191**	**2.8**	**3,986**	**18,361**	**32,831**	**20,922**	**17,132**	**6,414**	**4,938**
Maine	4,109	9.8	3,461	1,171	2,938	2,010	879	689	467
New Hampshire	3,042	2.3	2,878	934	*2,108*	*1,514*	*512*	389	569
Vermont	1,474	2.7	2,690	180	1,294	796	146	314	164
Massachusetts	25,513	2.3	4,358	9,602	15,911	9,911	9,456	2,983	*2,204*
Rhode Island	3,453	7.1	3,502	836	2,617	1,761	588	550	474
Connecticut	13,600	.8	4,236	5,637	7,963	4,929	5,551	1,489	1,060
Middle Atlantic	**121,336**	**1.8**	**3,241**	**22,186**	**99,150**	**64,182**	**20,956**	**20,530**	**12,671**
New York	60,252	1.4	3,380	11,153	49,100	29,520	11,575	11,932	5,421
New Jersey	23,031	3.3	3,002	4,809	18,222	12,451	4,095	*3,327*	2,859
Pennsylvania	38,053	1.6	3,188	6,224	31,829	22,210	5,286	5,271	4,391
East North Central	**112,385**	**.1**	**2,682**	**17,247**	**95,138**	**63,520**	**15,064**	**17,186**	**11,989**
Ohio	31,207	–1.9	2,894	6,351	24,857	16,815	5,915	4,382	3,328
Indiana	14,691	–	2,656	3,109	11,582	8,097	2,402	1,962	1,537
Illinois	30,947	2.6	2,672	3,726	27,221	17,432	3,078	4,468	4,085
Michigan	23,348	–.2	2,538	2,719	20,629	13,963	2,440	4,199	*2,043*
Wisconsin	12,192	–	2,536	1,343	10,849	7,212	1,250	2,155	1,017
West North Central	**82,923**	**3.3**	**3,588**	**14,683**	**48,240**	**27,566**	**12,789**	**7,366**	**7,235**
Minnesota	13,227	6.4	3,115	2,741	10,486	5,833	2,712	2,037	1,078
Iowa	8,861	6.4	3,134	786	8,095	4,595	833	1,090	626
Missouri	21,063	.8	4,128	7,354	13,709	8,489	*6,940*	1,926	2,478
North Dakota	*3,002*	6.5	4,467	*453*	*2,548*	1,008	249	419	453
South Dakota	*2,660*	8.4	3,751	279	2,381	1,134	151	440	416
Nebraska	5,331	2.3	3,334	821	4,510	2,526	374	607	810
Kansas	8,760	–	3,538	2,248	6,512	3,982	1,529	848	1,375
South Atlantic	**163,800**	**5.8**	**3,929**	***50,994***	***112,807***	**70,944**	**34,148**	**15,870**	**37,971**
Delaware	1,822	2.0	2,829	408	1,414	988	234	301	263
Maryland	23,186	6.9	5,113	7,444	15,743	7,755	6,935	2,002	5,162
District of Columbia	14,530	.7	23,360	1,892	12,638	1,615	2,685	1,515	7,833
Virginia	31,392	12.0	5,317	16,508	14,884	9,952	9,511	1,905	9,192
West Virginia	5,325	–1.6	2,807	322	5,003	3,421	298	1,028	503
North Carolina	16,598	5.4	2,588	4,248	12,350	8,892	1,641	2,171	3,369
South Carolina	10,383	4.4	3,031	2,865	7,518	4,797	1,855	1,280	2,233
Georgia	19,166	3.6	3,080	6,602	12,564	8,287	3,786	2,512	4,081
Florida	41,398	4.7	3,443	10,704	30,694	25,236	7,204	3,155	5,335
East South Central	**48,320**	**–3.4**	**3,160**	**9,690**	**38,630**	**24,011**	**8,644**	**6,552**	**7,873**
Kentucky	10,367	–17.2	2,782	1,830	8,537	5,816	743	1,702	1,868
Tennessee	15,300	–3.9	3,151	1,777	13,523	7,304	3,515	2,018	2,196
Alabama	13,927	6.3	3,411	3,620	10,308	6,745	2,654	1,559	*2,627*
Mississippi	8,725	9.0	3,324	2,462	6,263	4,147	1,732	1,274	1,182
West South Central	**78,710**	**.1**	**2,851**	**21,363**	**55,347**	**36,938**	**14,522**	**9,097**	**12,537**
Arkansas	7,316	1.9	3,064	1,353	5,963	4,163	869	1,009	801
Louisiana	11,821	–4.5	2,650	2,820	9,001	5,387	2,464	1,919	1,594
Oklahoma	10,069	3.3	3,077	2,348	7,721	5,209	821	1,317	2,143
Texas	47,504	.3	2,829	14,842	*32,662*	22,180	10,367	4,853	7,999
Mountain	**48,981**	**5.2**	**3,720**	**13,977**	**35,003**	**18,901**	**14,358**	**5,678**	**8,087**
Montana	2,887	2.3	3,569	280	2,607	1,293	184	540	425
Idaho	3,164	5.3	3,171	326	2,839	1,408	680	392	426
Wyoming	1,535	.8	3,134	*198*	1,338	*598*	121	449	274
Colorado	12,301	7.0	3,732	4,427	7,875	4,371	3,865	1,152	2,406
New Mexico	7,366	3.9	4,911	1,451	5,915	2,205	3,050	779	1,160
Arizona	12,561	10.2	3,710	4,537	8,024	5,604	3,801	1,188	1,678
Utah	5,705	3.7	3,396	2,081	3,624	1,920	*1,693*	*784*	*1,215*
Nevada	3,461	–7.0	3,437	678	2,783	1,503	1,025	394	503
Pacific	**133,509**	**.8**	**3,654**	**47,277**	**86,232**	**53,089**	**38,550**	**15,311**	**22,592**
Washington	17,619	4.4	3,883	5,767	11,852	7,203	4,510	1,978	3,100
Oregon	7,532	1.7	2,765	654	6,879	4,583	512	1,243	934
California	100,753	–.1	3,642	37,113	*63,639*	*39,261*	32,212	11,006	15,506
Alaska	*2,846*	4.7	5,421	*1,240*	1,606	424	792	624	979
Hawaii	4,759	2.5	4,394	2,503	2,256	1,617	525	460	2,073
American Samoa	66	3.2	1,786	3	63	11	2	51	2
Guam	681	9.6	5,359	504	177	70	118	*103*	*387*
Northern Marianas	59	5.2	2,947	–	59	5	7	46	–
Puerto Rico	8,143	2.0	1,678	598	5,545	2,848	450	2,307	487
Virgin Islands	302	–32.5	2,745	82	220	80	75	119	26
Undistributed	21,757	9.1	(X)	14,637	7,120	850	19,488	1,331	57

– Represents zero. X Not applicable. [1] Includes other programs not shown separately.
[2] 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. 504. Tax Returns Filed—Examination Coverage: 1970 to 1987

[In thousands, except as indicated]

Year and item	Returns filed [1]	Returns examined: Total	Returns examined: Percent of returns filed	Returns examined: By— Revenue agents	Returns examined: By— Tax auditors	Returns examined: By— Service centers	Average tax and penalty per return (dollars): Revenue agents	Average tax and penalty per return (dollars): Tax auditors	Average tax and penalty per return (dollars): Service centers
INDIVIDUAL RETURNS									
1970	76,431.0	1,672.0	2.2	(NA)	(NA)	–	(NA)	(NA)	–
1975	81,272.0	1,838.6	2.3	355.2	1,483.4	–	2,609	219	–
1980	90,727.0	1,833.9	2.0	292.5	1,346.3	195.1	1,335	602	39
1981	93,052.0	1,644.1	1.8	289.5	1,193.1	161.5	6,374	579	223
1982	94,013.0	1,455.3	1.6	285.5	1,066.6	103.2	7,505	751	364
1983	95,419.0	1,427.7	1.5	277.9	1,001.9	147.9	10,248	990	316
1984	95,541.3	1,215.9	1.3	276.2	859.4	80.4	11,584	1,314	692
1985	96,496.9	1,265.6	1.3	332.6	810.9	122.1	10,854	1,539	496
1986	99,529.0	1,090.9	1.1	298.9	732.5	59.6	14,052	1,945	862
1987, total	**101,750.8**	**1,109.2**	**1.1**	**317.5**	**610.4**	**181.3**	**12,235**	**2,107**	**4,084**
1040A, total income under $10,000	19,904.9	105.9	.5	11.0	45.2	49.7	10,843	1,335	3,501
Non 1040A, total income: [2]									
Under $10,000	9,904.0	42.0	.4	8.7	24.7	8.6	5,567	1,033	892
$10,000–$24,999, simple	21,285.6	135.8	.6	25.1	86.6	24.1	2,368	9.9	662
$10,000–$24,999, complex	9,897.8	128.7	1.3	29.4	73.9	25.4	2,362	1,015	649
$25,000–$49,999	24,568.3	343.9	1.4	75.9	235.2	32.7	3,107	1,280	1,490
$50,000 and over	10,029.1	224.4	2.2	95.4	95.6	33.4	20,254	5,817	12,030
Schedule C—TGR: [3] Under $25,000	1,903.0	26.8	1.4	11.4	14.5	.9	5,834	1,746	1,529
$25,000–$99,999	2,125.0	42.7	2.0	22.4	18.3	2.0	7,277	3,380	9,147
$100,000 and over	1,198.0	46.2	3.9	32.4	11.1	2.6	29,399	8,015	15,835
Schedule F—TGR: [3] Under $25,000	240.0	2.2	.9	.7	1.3	.1	4,463	789	1,195
$25,000–$99,999	436.5	4.9	1.1	1.9	2.2	.7	4,436	1,158	569
$100,000 and over	238.6	5.6	2.3	3.2	1.6	.7	70,391	4,766	18,236
1986—OTHER RETURNS									
Fiduciary	2,276.2	5.1	.2	5.1	–	–	15,425	–	–
Partnerships	1,713.6	19.8	1.2	19.8	–	–	–	–	–
Corporations, total	3,647.6	55.1	19.5	55.1	–	–	676,232	–	–
Corporations except DISC and S corporations [4]	2,827.5	44.7	1.6	44.7	–	–	236,613	–	–
S corporations [4]	812.0	9.1	1.1	9.1	–	–	438,962	–	–
Form 1120 DISC [5]	8.1	1.3	16.8	1.3	–	–	657	–	–
Estate, total	67.6	15.1	22.4	15.1	–	–	63,697	–	–
Gross estate: Under $1 million	51.7	8.8	16.9	8.7	–	–	18,121	–	–
$1 million–$4.999 million	14.6	5.5	38.0	5.5	–	–	50,172	–	–
$5 million and over	1.3	.8	62.9	.8	–	–	643,718	–	–
Gift	101.3	1.7	1.7	1.7	–	–	135,913	–	–
Excise	1,035.5	38.9	3.8	38.9	–	–	4,074	–	–
Employment	27,812.2	46.3	.2	45.2	1.1	–	7,730	528	–
Windfall profit	10.3	4.4	42.4	1.5	–	2.8	701,123	–	2,156
Miscellaneous	–	.1	–	.1	–	–	18,383	–	–
Service center corrections	–	503.3	–	–	–	503.3	–	–	–

– Represents zero. NA Not available. [1] Returns filed in previous calendar year. [2] Income is that from positive sources only. [3] Total gross receipts. [4] Small business corporations. Represents corporations with no more than 35 shareholders (10 prior to 1983), most of which are individuals, electing to be taxed at the shareholder level. [5] Domestic international sales corporation.

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

No. 505. Internal Revenue Gross Collections, by Source: 1970 to 1987

[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.) 1970	1975	1980	1983	1984	1985	1986	1987	Percent of total 1970	1980	1985	1987
All taxes	**195.8**	**293.8**	**519.4**	**627.2**	**680.5**	**742.9**	**782.3**	**886.3**	**100.0**	**100.0**	**100.0**	**100.0**
Individual income taxes	103.7	156.4	287.5	349.6	362.9	396.7	416.9	465.4	53.0	54.9	53.4	52.5
Withheld by employers	77.4	122.1	223.8	266.0	279.0	299.0	314.8	322.5	39.5	43.1	40.2	36.4
Employment taxes [1]	37.4	70.1	128.3	173.8	199.2	225.2	243.9	277.0	19.1	24.7	30.2	31.3
Old-age and disability insurance	35.7	67.1	122.5	166.4	189.5	215.6	234.9	256.6	18.2	23.6	29.0	30.1
Unemployment insurance	.8	1.4	3.3	4.3	6.0	5.7	5.3	6.2	.4	.6	.8	.7
Corporation income taxes	35.0	45.7	72.4	61.8	74.2	77.4	80.4	102.8	17.9	13.9	10.4	11.6
Estate and gift taxes	3.7	4.7	6.5	6.2	6.2	6.6	7.2	7.7	1.9	1.3	.9	.9
Excise taxes	15.9	16.8	24.6	35.8	38.0	37.0	33.7	33.3	8.1	4.7	5.0	3.8
Alcohol	4.7	5.4	5.7	5.6	5.4	5.4	5.6	11.1	2.4	1.1	.7	1.3
Tobacco	2.1	2.3	2.4	4.1	4.7	4.5	4.6		1.1	.5	.6	
Manufactures	6.7	5.5	6.5	6.4	10.1	10.0	9.9	10.2	3.4	1.3	1.3	1.2
Windfall profits tax	(X)	(X)	3.1	15.7	8.1	5.1	8.9	(Z)	(X)	.6	.7	(Z)
Other	2.4	3.7	6.9	4.0	9.7	12.0	4.7	12.0	1.2	1.3	1.6	1.4

X Not applicable. Z Less than $50 million or .05 percent. [1] 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. 506. Federal Individual Income Tax Returns With Adjusted Gross Income (AGI)—Summary: 1970 to 1986

[Includes Puerto Rico and Virgin Islands. Except as noted, includes returns of resident aliens, based on a sample of unaudited 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 of 1970*, series Y 393–411, for related data]

ITEM	NUMBER OF RETURNS (1,000)					AMOUNT (mil. dol.)					AVERAGE AMOUNT (dollars)				
	1970	1975	1980	1985	1986, prel.	1970	1975	1980	1985	1986, prel.	1970	1975	1980	1985	1986, prel.
Total returns	74,280	82,229	93,902	101,660	103,100	631,693	947,785	1,613,731	2,305,951	2,522,517	8,504	11,526	17,185	22,683	24,419
Form 1040	74,280	54,528	57,123	67,006	68,885	631,693	789,435	1,310,086	1,938,263	2,151,163	8,504	14,478	22,935	28,927	31,228
Salaries and wages	66,966	73,520	89,802	87,198	88,587	531,884	795,399	1,349,843	1,928,201	2,046,135	7,943	10,819	16,108	22,113	23,097
Interest received	32,630	40,378	49,020	64,526	65,490	22,021	43,434	102,009	182,109	168,202	675	1,076	2,081	2,822	2,568
Dividends after exclusion	7,730	6,853	10,739	15,528	16,752	15,807	21,892	38,761	55,046	63,074	2,045	2,473	3,609	3,545	3,765
Business or profession profit less loss	6,160	7,243	8,881	11,900	12,431	30,554	39,421	55,129	78,773	90,367	4,960	5,443	6,207	6,620	7,269
Sales of capital assets, net gain less loss	7,963	7,575	9,971	11,126	15,560	9,007	14,072	30,029	67,694	132,842	1,131	1,858	3,012	6,084	8,537
Pensions and annuities in AGI	3,250	5,089	7,374	13,133	14,771	7,879	20,887	43,340	95,096	107,697	2,424	4,104	5,878	7,241	7,291
Rents and royalties, *net income less loss*	6,557	7,144	8,208	9,971	9,620	3,233	5,202	4,105	−12,964	−13,024	493	728	500	−1,300	−1,354
Partnerships and S Corporations [1], *profit less loss*	(NA)	(NA)	3,910	5,488	5,642	12,638	12,811	10,099	−2,527	5,454	(NA)	(NA)	2,583	−460	967
Farm profit less loss	3,027	2,755	2,608	2,621	2,533	2,789	3,563	−1,792	−12,005	−6,907	921	1,293	−687	−4,580	−2,727
Statutory adjustments, total	6,371	9,024	13,149	37,763	38,231	7,665	15,102	28,614	95,082	99,246	1,203	1,674	2,176	2,518	2,596
Individual Retirement Arrangements	(NA)	1,212	2,564	16,206	15,714	(NA)	1,436	3,431	38,212	38,256	(NA)	1,185	1,338	2,358	2,435
Self-employed retirement (Keogh) plan	592	596	569	676	772	848	1,604	2,008	5,182	6,178	1,432	2,691	3,529	7,666	8,003
Married couples who both work	(NA)	(NA)	(NA)	24,835	25,858	(NA)	(NA)	(NA)	24,615	26,915	(NA)	(NA)	(NA)	991	1,041
Exemptions, total [2]	204,126	212,203	227,925	244,180	246,596	127,531	159,141	227,569	253,720	266,105	625	750	998	1,039	1,079
Age 65 or older	8,904	9,937	11,847	16,749	17,581	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Blind	126	218	185	327	317	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Standard and itemized deductions, total [3]	73,862	81,586	88,105	96,849	98,525	120,550	233,182	362,776	554,734	611,416	1,632	2,858	4,118	5,728	6,206
Itemized deductions, total [3]	35,430	26,074	28,950	39,848	40,839	88,178	122,261	218,028	405,024	446,542	2,489	4,689	7,531	10,164	10,934
Medical and dental expenses	27,438	19,483	19,458	10,777	10,568	10,596	11,422	14,972	22,926	25,063	386	586	769	2,127	2,372
Taxes paid	35,161	25,929	28,749	39,548	40,505	32,015	44,141	69,404	128,085	144,705	911	1,702	2,414	3,239	3,564
Interest paid	29,206	23,385	26,677	36,287	37,375	23,929	38,885	91,187	180,095	194,451	819	1,663	3,418	4,963	5,203
Contributions	33,634	24,643	26,601	36,162	36,858	12,693	15,393	25,810	47,963	54,454	383	625	970	1,326	1,477
Taxable income	59,594	65,853	88,105	96,124	97,742	401,154	595,493	1,279,985	1,820,741	1,976,812	6,731	9,043	14,528	18,942	20,225
Income tax before credits	59,597	65,855	76,136	85,994	86,976	84,157	132,452	256,294	332,165	378,422	1,412	2,011	3,366	3,863	4,351
Tax credits, total [2]	1,715	65,855	19,674	20,995	17,374	370	8,070	7,216	10,248	7,655	216	123	367	488	441
Child care	(NA)	(NA)	4,231	8,418	9,228	(NA)	(NA)	956	3,128	3,494	(NA)	(NA)	226	372	379
Elderly and disabled	1,357	785	562	463	498	168	129	135	109	174	124	164	240	235	349
Residential energy	(NA)	(NA)	4,670	2,979	118	(NA)	(NA)	562	812	47	(NA)	(NA)	120	273	398
Foreign tax	200	234	393	454	495	170	382	1,342	783	1,343	850	1,632	3,415	1,725	2,713
General business credit [4]	(NA)	(NA)	(NA)	4,614	634	(NA)	(NA)	(NA)	4,791	1,035	(NA)	(NA)	(NA)	1,038	1,632
Income tax, total [5]	59,317	61,491	73,906	82,846	84,324	83,909	124,526	250,341	325,710	377,051	1,415	2,025	3,387	3,932	4,471

NA Not available. [1] Represents corporations with no more than 35 shareholders (10 prior to 1983), most of which are individuals electing to be taxed at the shareholder level. [2] Includes items not shown separately. [3] Includes charitable deduction for nonitemizers. [4] Includes investment credit. [5] Includes minimum tax or alternative minimum tax.

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

No. 507. Individual Income Tax Returns—Number, Income Tax and Average Tax, by Size of Adjusted Gross Income: 1985 and 1986

[Number in thousands; money amounts in millions of dollars]

Size of adjusted gross income	Number of returns		Total adjusted gross income (AGI)		Taxable income		Income tax, total [1]		Filers with income tax liability			
									Average tax (dol.)		Tax as percent of AGI	
	1985	1986, prel.	1985	1986, prel.	1985	1986, prel.	1985	1986, prel.	1985	1986, prel.	1985	1986, prel.
Total	**101,660**	**103,300**	**2,305,951**	**2,522,517**	**1,820,741**	**1,976,812**	**325,710**	**377,051**	**3,931**	**4,471**	**14.4**	**14.9**
Less than $1,000 [2]	3,292	2,988	−36,741	−31,692	7	3	186	212	16,964	15,137	(x)	(x)
$1,000–$2,999	6,771	6,948	13,581	14,072	5,948	6,093	42	59	111	142	5.4	.4
$3,000–$4,999	6,685	6,905	26,770	27,834	16,049	16,319	348	326	100	98	2.4	1.2
$5,000–$6,999	6,571	6,480	39,357	38,970	25,680	24,635	1,193	1,041	275	248	4.5	2.7
$7,000–$8,999	6,664	6,203	53,478	49,604	37,544	33,767	2,260	1,963	460	445	5.7	4.0
$9,000–$10,999	6,235	6,166	62,125	61,415	46,036	44,048	3,461	3,222	633	603	6.3	5.2
$11,000–$12,999	5,563	5,548	66,863	66,513	51,016	49,612	4,549	4,333	865	833	7.2	6.5
$13,000–$14,999	5,387	5,303	75,352	74,089	58,885	57,158	5,789	5,467	1,119	1,073	8.0	7.4
$15,000–$16,999	4,895	4,771	78,225	76,279	61,708	59,727	6,534	6,334	1,375	1,361	8.6	8.3
$17,000–$18,999	4,543	4,514	81,675	81,217	65,462	64,575	7,482	7,304	1,686	1,645	9.4	9.0
$19,000–$21,999	6,089	6,099	124,506	125,032	100,463	99,384	12,203	11,990	2,044	1,991	10.0	9.6
$22,000–$24,999	5,051	5,210	118,540	122,220	95,256	98,354	12,275	12,688	2,469	2,454	10.5	10.4
$25,000–$29,999	7,458	7,596	204,399	207,522	164,077	165,343	22,917	22,808	3,103	3,042	11.3	11.0
$30,000–$39,999	11,636	11,535	402,943	399,682	320,092	315,276	49,794	48,781	4,722	4,249	12.4	12.2
$40,000–$49,999	6,702	7,516	297,914	334,721	233,646	261,482	41,502	46,057	6,215	6,136	14.0	13.8
$50,000–$74,999	5,629	6,472	333,710	384,277	259,467	297,565	56,065	62,874	9,984	9,732	16.8	16.4
$75,000–$99,999	1,263	1,543	107,425	131,616	82,293	100,414	21,795	26,231	17,297	17,029	20.3	19.9
$100,000–$199,999	909	1,152	119,200	152,496	90,835	117,669	29,657	38,543	76,424	33,495	25.9	25.3
$200,000–$499,999	238	306	68,986	87,234	52,920	66,411	22,033	28,726	199,605	94,001	32.1	32.9
$500,000–$999,999	41	57	27,541	37,140	21,270	30,527	9,878	14,397	240,714	254,001	35.9	38.8
$1,000,000 or more	17	36	40,100	82,275	32,087	66,253	15,728	33,694	910,931	940,434	39.3	41.0

X Not applicable. [1] Consists of income tax after credits, alternative minimum tax, and minimum tax. [2] For many taxpayers in this size class includes minimum tax or alternative tax on tax preferences not included in "taxable income." Includes returns with adjusted gross deficit.

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

No. 508. Individual Income Tax Returns—Itemized Deductions and Statutory Adjustments, by Size of Adjusted Gross Income: 1986

[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	40,839	2,343	5,692	8,439	8,674	6,586	7,593	1,511
Amount	Mil. dol	446,542	12,401	35,702	59,579	75,635	70,191	116,572	76,462
Medical and dental expenses: Returns	1,000	10,568	1,416	3,028	2,598	1,712	953	794	69
Amount	Mil. dol	25,063	4,684	6,962	4,363	3,110	2,097	2,837	1,010
Taxes paid: Returns, total	1,000	40,605	2,200	5,639	8,425	8,662	6,581	7,587	1,510
State, local income taxes	1,000	33,367	1,211	4,212	7,046	7,448	5,643	6,491	1,316
Real estate taxes	1,000	33,162	1,350	4,196	6,296	7,148	5,791	6,986	1,416
Amount, total	Mil. dol	144,705	2,272	8,611	17,739	24,399	23,625	40,470	27,589
State, local income taxes	Mil. dol	72,396	356	2,297	7,245	11,231	11,131	20,463	19,671
Real estate taxes	Mil. dol	39,631	1,255	3,625	5,387	6,854	6,660	11,025	4,826
Interest paid: Returns	1,000	37,375	1,388	4,936	7,908	8,287	6,346	7,155	1,354
Amount	Mil. dol	194,451	3,656	15,159	27,491	36,208	33,670	53,872	24,996
Home mortgage interest: Returns	1,000	29,161	960	3,374	5,709	6,512	5,358	6,147	1,102
Amount	Mil. dol	125,722	2,497	9,912	17,906	24,102	22,608	36,585	12,113
Contributions: Returns	1,000	36,858	1,615	4,764	7,510	7,968	6,194	7,340	1,466
Amount	Mil. dol	54,454	883	3,319	5,949	7,049	6,671	12,409	18,174
Contributions by non-itemizers: Returns	1,000	28,188	8,614	11,026	5,405	2,052	724	340	28
Amount	Mil. dol	13,365	2,488	5,056	3,071	1,461	679	529	81
Returns with statutory adjustments: [1] Returns	1,000	38,231	2,103	5,959	8,331	7,750	5,980	6,833	1,246
Amount of adjustments	Mil. dol	99,246	2,924	8,170	14,306	16,517	16,119	30,109	11,101
Payments to IRA's: [2] Returns	1,000	15,714	608	1,780	2,717	2,877	2,524	4,118	1,089
Amount	Mil. dol	38,256	1,006	3,276	5,366	6,474	6,369	12,353	3,411
Payments to Keogh plans: Returns	1,000	772	9	53	81	105	80	273	171
Amount	Mil. dol	6,178	39	112	195	341	307	1,647	3,336

[1] Also 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. [2] Individual Retirement Accounts.

Source: U.S. Internal Revenue Service, *Statistics of Income Bulletin*, Summer 1987.

No. 509. Federal Individual Income Tax Returns—Adjusted Gross Income, by Source of Income and Income Class for Taxable Returns: 1986

[In millions of dollars, except percent. Preliminary. Minus sign (−) indicates net loss was greater than net income. See headnote, table 506]

Item	Total [1]	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)	84,324	15,073	24,058	16,657	11,480	7,506	8,001	1,549
SOURCE OF INCOME								
Adjusted gross income (AGI)	2,472,676	100,561	355,176	411,349	397,738	334,314	514,963	358,576
Salaries and wages	1,976,635	78,634	285,299	354,063	355,956	298,168	432,310	172,204
Percent of AGI for taxable returns	79.9	78.2	80.3	86.1	89.5	89.2	83.9	48.0
Interest received	155,392	13,177	29,823	23,599	17,755	15,263	29,435	26,341
Dividends in AGI	60,462	1,640	5,130	5,586	4,407	4,841	12,658	26,220
Business and profession, net profit less loss	90,329	2,721	10,267	12,699	10,532	9,544	24,662	19,905
Pensions and annuities in AGI	102,105	6,087	26,058	20,737	13,941	12,625	17,553	5,105
Sales of property,[2] net gain less loss	134,401	2,429	3,161	4,263	4,958	5,176	18,442	95,974
Rents and royalties, net income less loss	−8,897	−321	−212	−2,632	−2,377	−2,239	−2,996	1,879
Other sources,[3] net	−37,771	−3,806	−4,350	−6,966	−7,434	−9,065	−17,101	10,948
PERCENTAGE OF ALL RETURNS								
Number of returns	81.6	14.6	23.3	16.1	11.1	7.3	7.7	1.5
Adjusted gross income	98.0	4.0	14.1	16.3	15.8	13.3	20.5	14.2
Salaries and wages	96.6	3.8	13.9	17.3	17.4	14.6	21.1	8.4
Interest received	92.4	7.8	17.7	14.0	10.6	9.1	17.5	15.7
Dividends in AGI	95.9	2.6	8.1	8.9	7.0	7.7	20.1	41.6
Business and profession, net profit less loss	99.9	3.0	11.4	14.1	11.7	10.6	27.3	22.0
Pensions and annuities in AGI	94.1	5.6	24.0	19.1	12.8	11.6	16.2	4.7
Sales of property [2] net gain less loss	97.8	1.8	2.3	3.1	3.6	3.8	13.4	69.9

[1] Includes a small number of taxable returns with no adjusted gross income. [2] Includes sales of capital assets and other property $2,293 million in 1986. [3] Includes statutory adjustments of $99,246 million in 1986.

Source: U.S. Internal Revenue Service, *Statistics of Income, Individual Income Tax Returns, 1986.*

No. 510. Federal Individual Income Tax Returns, Income, and Taxes, 1970 to 1986, and by State, 1986

Year, division and state	Number of returns [1] (1,000)	Adjusted gross income (AGI) [2] Total (mil. dol.)	Adjusted gross income (AGI) [2] Per capita [3] (dol.)	Income tax Total [4] (mil. dol.)	Income tax Per capita [3] (dol.)
1970	74,278	631,626	3,096	82,880	406
1975	82,229	947,785	4,399	124,526	578
1979	92,694	1,465,395	6,525	214,495	955
1980	93,902	1,613,731	7,180	250,341	1,102
1981	95,396	1,772,804	7,719	284,129	1,237
1982	95,337	1,852,135	7,983	227,597	1,197
1983	99,419	2,134,030	9,109	314,564	1,343
1984	99,439	2,139,804	9,049	301,923	1,277
1985	102,037	2,289,333	9,589	336,638	1,410
1986	**103,634**	**2,472,560**	**10,256**	**380,562**	**1,579**
N. Eng.:					
ME	512	10,633	9,065	1,488	1,269
NH	505	13,080	12,736	2,190	2,132
VT	237	5,073	9,377	728	1,346
MA	2,801	74,562	12,765	12,383	2,123
RI	447	10,444	10,712	1,580	1,621
CT	1,593	47,914	15,025	8,736	2,739
Mid. Atl.:					
NY	7,859	209,808	11,806	34,044	1,916
NJ	3,809	108,177	14,198	18,336	2,407
PA	5,142	116,983	9,840	17,701	1,489
E.N.C.:					
OH	4,580	105,307	9,794	15,332	1,426
IN	2,308	51,454	9,348	7,595	1,380
IL	4,957	123,481	10,689	20,194	1,748
MI	3,887	97,549	10,667	14,921	1,632
WI	2,035	44,928	9,389	6,168	1,289
W.N.C.:					
MN	1,825	43,702	10,371	6,309	1,497
IA	1,152	23,099	9,102	3,229	1,133
MO	2,126	48,181	9,511	7,378	1,456
ND	273	5,176	7,623	744	1,096
SD	285	4,812	6,797	679	959
NE	669	13,552	8,481	1,955	1,223
KS	1,029	23,142	9,407	3,492	1,420
S.A.:					
DE	291	7,285	11,509	1,112	1,757
MD	2,127	57,492	12,882	8,710	1,952
DC	325	8,278	13,224	1,398	2,233
VA	2,584	65,738	11,360	9,852	1,702
WV	864	13,553	7,066	1,846	962
NC	2,710	57,577	9,092	7,933	1,253
SC	1,347	27,775	8,225	3,651	1,081
GA	2,548	58,644	9,607	9,597	1,408
FL	5,301	123,771	10,601	20,901	1,790
E.S.C.:					
KY	1,382	27,961	7,498	3,933	1,055
TN	1,968	41,071	8,551	6,072	1,264
AL	1,537	32,055	7,911	4,422	1,091
MS	918	16,395	6,246	2,101	800
W.S.C.:					
AR	883	16,574	6,987	2,205	930
LA	1,606	32,811	7,290	4,777	1,061
OK	1,244	26,126	7,905	3,738	1,131
TX	6,642	152,812	9,159	25,078	1,503
Mt.:					
MT	331	5,746	7,018	785	958
ID	366	6,977	6,963	901	899
WY	196	4,273	8,428	659	1,300
CO	1,431	34,123	10,445	5,074	1,553
NM	595	11,589	7,836	1,561	1,055
AZ	1,395	32,189	9,698	4,600	1,386
UT	598	13,264	7,966	1,633	981
NV	468	11,212	11,643	1,855	1,926
Pac.:					
WA	1,947	46,153	10,344	7,012	1,571
OR	1,139	24,358	9,028	3,325	1,232
CA	12,025	311,810	11,557	47,690	1,768
AK	231	6,496	12,165	1,088	2,037
HI	485	10,959	10,319	1,517	1,428
Other [5]	520	6,435	(NA)	1,355	(NA)

NA Not available. [1] Beginning 1983, includes returns filed by nonresident aliens and certain self-employment tax returns. [2] Less *deficit*. [3] Based on resident population as of July 1. [4] Includes additional tax for tax preferences, self-employment tax, and recomputed prior-year taxes before earned income credit. [5] Returns with addresses outside the United States. Includes data from tax returns of nonresident aliens.

Source: U.S. Internal Revenue Service, *Statistics of Income Bulletin*, Winter 1987–88.

No. 511. Federal Individual Income Tax—Effective (Average) and Marginal Tax Rates, for Selected Income Groups: 1954 to 1985

[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 Y 412–439, for similar data based on net income]

Adjusted gross income [1]	Tax liability							Effective rate (percent)							Marginal tax rate (percent)						
	1954–1963	1965	1970 [2]	1975	1979–1980 [3]	1984	1985	1954–1963	1965	1970 [2]	1975	1979–1980 [3]	1984	1985	1954–1963	1965	1970 [2]	1975	1979–1980 [3]	1984	1985
CURRENT DOLLARS																					
Single person, no dependents:																					
$5,000	818	671	683	404	250	193	177	16.4	13.4	13.7	8.1	5.0	3.9	3.5	22	19	19.5	19	16	12	12
$10,000	2,096	1,742	1,726	1,476	1,177	915	888	21.0	17.4	17.3	14.8	11.8	9.2	8.9	34	28	25.6	20.2	21	16	16
$20,000	5,900	4,918	4,405	4,123	3,837	2,945	2,845	29.5	24.6	22.0	20.6	19.2	14.7	14.3	50	42	34.8	34	34	26	26
$25,000	8,324	6,982	6,091	5,865	5,484	4,205	4,125	33.3	27.9	24.4	23.5	21.9	16.8	16.5	56	48	39.0	38	39	30	26
$35,000	13,778	11,627	10,026	9,698	9,194	7,065	6,916	39.4	33.2	28.7	27.7	26.3	20.2	19.8	62	53	46.1	45	44	34	34
$50,000	22,788	19,230	17,235	16,710	16,032	12,335	12,067	45.6	38.5	34.5	33.4	32.1	24.7	24.1	72	60	61.5	60	55	42	42
$75,000	39,702	33,206	31,560	30,680	29,487	22,595	22,195	52.9	44.3	42.1	40.9	39.3	30.1	29.6	78	64	65.6	64	63	48	48
Married couple, 2 dependents: [4]																					
$5,000	420	290	290	[5]–300	[5]–500	[5] –500	[5] –550	8.4	5.8	5.8	[5] 6.0	[5]–10.0	[5]–10.0	[5]–11.0	20	15	15	[5]10	–	–	–
$10,000	1,372	1,114	1,112	709	374	291	[5] 132	13.7	11.1	11.2	7.1	3.7	2.9	[5] 1.3	22	19	19.5	19	16	12	[5] 24.2
$20,000	3,800	3,160	3,213	2,740	2,265	1,741	1,682	19.0	15.8	16.1	13.7	11.3	8.7	8.4	30	25	25.6	25	24	18	16
$25,000	5,318	4,412	4,490	4,092	3,497	2,673	2,566	21.3	17.6	18.0	16.4	14.0	10.7	10.3	38	32	28.7	28	28	22	18
$35,000	9,037	7,529	7,677	7,175	6,571	5,070	4,916	25.8	21.5	21.9	20.5	18.8	14.5	14.0	47	39	40.0	39	37	28	25
$50,000	15,976	13,388	13,674	12,980	12,118	9,310	9,086	32.0	26.8	27.3	26.0	24.2	18.6	18.2	56	48	49.2	48	43	33	33
$75,000	29,635	25,025	25,594	24,575	23,404	18,066	17,649	39.5	33.4	34.1	32.8	31.2	24.1	23.5	65	55	56.4	55	54	42	42

	Current income equivalent to constant income							Effective rate (percent)							Marginal tax rate (percent)						
	1960	1970	1975	1979	1980	1984	1985	1960	1970 [2]	1975	1979	1980	1984	1985	1960	1970 [2]	1975	1979	1980	1984	1985
CONSTANT (1980) DOLLARS [6]																					
Single person, no dependents:																					
$5,000	2,010	2,585	3,499	4,536	5,000	6,160	6,353	12.0	7.5	4.0	3.9	5.0	5.6	5.6	20	16.8	16	16	16	14	14
$10,000	4,019	5,170	6,998	9,902	10,000	12,320	12,705	15.5	13.8	11.4	10.9	11.8	10.5	10.5	22	21.5	21	19	21	18	18
$20,000	8,038	10,341	13,997	18,144	20,000	24,639	25,411	19.3	17.0	16.7	17.9	19.2	16.7	16.6	30	25.6	22.7	30	34	26	26
$25,000	10,048	12,926	17,496	22,680	25,000	30,799	31,764	21.0	18.7	19.0	20.9	21.9	18.8	18.7	34	27.7	31	34	39	34	30
$35,000	14,067	18,097	24,494	31,752	35,000	43,119	44,469	24.4	21.1	23.2	24.9	26.3	22.7	22.6	43	31.8	38	44	44	38	38
$50,000	20,095	25,852	34,992	45,361	50,000	61,599	63,527	29.6	24.8	27.7	30.0	32.1	27.3	27.1	50	41.0	45	55	55	48	48
$75,000	30,143	38,779	52,487	68,041	75,000	92,396	95,291	36.7	30.2	34.4	37.5	39.1	32.6	32.5	62	51.2	60	63	63	50	50
Married couple, 2 dependents: [4]																					
$5,000	2,010	2,585	3,499	4,536	5,000	6,160	6,353	–	–	[5]–10	[5]–10	[5]–10	[5] –7.8	[5] –8.7	–	–	[5]–10	[5]–10	–	[5] 12.5	–
$10,000	4,019	5,170	6,998	9,902	10,000	12,320	12,705	6.1	5.8	[5] 1.2	[5] 1.4	3.7	4.7	4.7	20	16.8	[5] 26	[5] 26.5	16	14	14
$20,000	8,038	10,341	13,997	18,144	20,000	24,639	25,411	12.2	11.4	10.2	10.3	11.3	10.5	10.4	22	19.5	18.5	21	24	22	22
$25,000	10,048	12,926	17,496	22,680	25,000	30,799	31,764	13.7	12.9	12.1	12.8	14.0	13.0	12.9	22	22.6	22	24	28	25	25
$35,000	14,067	18,097	24,494	31,752	35,000	43,119	44,469	16.1	15.3	16.1	17.4	18.8	16.9	16.7	26	25.6	28	32	37	33	33
$50,000	20,095	25,852	34,992	45,361	50,000	61,599	63,527	19.0	18.3	20.5	22.8	24.2	21.4	21.3	30	32.8	38	43	44	38	38
$75,000	30,143	38,779	52,487	68,041	75,000	92,398	95,291	23.6	23.3	26.8	29.4	31.2	26.7	26.6	43	43.0	50	54	54	42	42

– Represents zero. [1] See headnote, table 506. [2] Includes tax surcharge. [3] 1981 tax liability and tax rates are 98.75 percent of the 1980 rates. [4] Only one spouse is assumed to work. [5] Refundable earned income credit. [6] Amount of adjusted gross income equivalent to adjusted gross income in 1980 dollars was calculated by using the NIPA personal consumption expenditure deflator (1972=100). The values of the deflators are: 1960, 71.9; 1970, 92.5; 1975, 125.3; 1979, 162.3; 1980, 178.9; 1984, 220.4; and 1985, 227.3 (estimated).

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

No. 512. Federal Civilian Employment, by Branch, Agency, and Area: 1980 and 1987

[As of **September 30**]

Agency	Total			United States			Washington, DC Metropolitan Area (MSA)		
	1980	1987	Percent change 1980–1987	1980	1987	Percent change 1980–1987	1980	1987	Percent change 1980–1987
Total, all agencies	**2,875,866**	**3,090,699**	**7.5**	**2,753,770**	**2,943,045**	**6.9**	**360,452**	**350,408**	**−2.8**
Legislative branch, total[1]	39,710	37,918	−4.5	39,625	37,855	−4.5	37,141	35,498	−4.4
Congress[1]	19,096	19,364	1.4	19,096	19,364	1.4	19,096	19,364	1.4
U.S. Senate	7,195	7,311	1.6	7,195	7,311	1.6	7,195	7,311	1.6
House of Representatives	11,888	12,038	1.3	11,888	12,038	1.3	11,888	12,038	1.3
Architect of the Capitol	2,168	2,157	−.5	2,168	2,157	−.5	2,168	2,157	−.5
Judicial branch	15,178	20,244	33.4	14,997	20,013	33.4	1,614	1,799	11.5
Supreme Court	331	342	3.3	331	342	3.3	331	342	3.3
U.S. Courts	14,847	19,902	34.0	14,666	19,671	34.1	1,283	1,457	13.6
Executive branch, total	2,820,978	3,032,537	7.5	2,699,148	2,885,177	6.9	321,697	313,111	−2.7
Executive Office of the President[1]	1,886	1,553	−17.7	1,879	1,545	−17.8	1,879	1,545	−17.8
White House Office	406	366	−9.9	406	366	−9.9	406	366	−9.9
Office of the Vice-President	16	24	50.0	16	24	50.0	16	24	50.0
Office of Management and Budget	616	550	−10.7	616	550	−10.7	616	550	−10.7
Office of Administration	166	193	16.3	166	193	16.3	166	193	16.3
Council of Economic Advisors	35	30	−14.3	35	30	−14.3	35	30	−14.3
Executive departments	1,716,970	1,806,101	5.2	1,618,621	1,681,653	3.9	233,030	229,672	−1.4
State	23,497	25,483	8.5	8,187	8,253	.8	7,038	7,285	3.5
Treasury	124,663	149,187	19.7	123,649	148,134	19.8	17,988	19,509	8.5
Defense	960,116	1,090,018	13.5	883,468	989,078	12.0	78,311	88,573	13.1
Justice	56,327	70,696	25.5	55,457	69,506	25.3	16,033	18,522	15.5
Interior	77,357	76,719	−.8	77,031	76,366	−.9	10,284	9,034	−12.2
Agriculture	129,139	116,993	−9.4	127,637	115,520	−9.5	13,565	12,128	−10.6
Commerce	48,563	34,826	−28.3	47,838	34,077	−28.8	20,400	18,157	−11.0
Labor	23,400	17,976	−23.2	23,299	17,934	−23.0	7,934	6,172	−22.2
Health and Human Services	155,662	127,039	−18.4	154,715	126,265	−18.4	33,251	29,304	−11.9
Housing and Urban Development	16,964	13,033	−23.2	16,790	12,891	−23.2	4,805	3,252	−32.3
Transportation	72,361	62,488	−13.6	71,838	61,992	−13.5	10,465	8,502	−18.8
Energy	21,557	16,749	−22.3	21,549	16,744	−22.3	8,448	5,851	−30.7
Education	7,364	4,894	−33.5	7,363	4,893	−33.5	4,508	3,383	−25.0
Independent agencies[1]	1,102,122	1,224,883	11.1	1,078,648	1,201,979	11.4	86,788	81,894	−5.6
Environmental Protection Agency	14,715	15,173	3.1	14,700	15,156	3.1	5,226	5,078	−2.8
Equal Employment Opportunity Commission	3,515	3,278	−6.7	3,515	3,278	−6.7	876	810	−7.5
Federal Deposit Insurance Corporation	3,520	9,219	161.9	3,463	9,126	163.5	1,066	1,136	6.6
Fed. Emergency Mgm't. Agency	3,427	2,700	−21.2	3,410	2,694	−21.0	1,597	1,246	−22.0
General Services Administration	37,654	21,878	(x)	37,549	21,774	(x)	12,653	8,090	(x)
National Aeronautics and Space Administration	23,714	22,950	−3.2	23,692	22,943	−3.2	5,066	4,959	−2.1
Nuclear Regulatory Commission	3,283	3,426	4.4	3,283	3,426	4.4	2,546	2,246	−11.8
Office of Personnel Management	8,280	6,078	−26.6	8,259	6,047	−26.8	3,472	2,436	−29.8
Small Business Administration	5,804	4,846	−16.5	5,679	4,747	−16.4	1,074	1,332	24.0
Smithsonian Institution	4,403	5,028	14.2	4,301	4,915	14.3	4,065	4,684	15.2
Tennessee Valley Authority	51,714	32,738	−36.7	51,710	32,738	−36.7	15	14	−6.7
U.S. Information Agency[2]	8,138	8,896	9.3	3,317	4,407	32.9	3,060	4,122	34.7
U.S. International Development Cooperation Agency	6,152	4,803	−21.9	2,740	2,321	−15.3	2,721	2,310	−15.1
U.S. Postal Service	660,014	797,851	20.9	657,138	794,535	20.9	17,372	20,142	15.9
Veterans Administration	228,285	250,013	9.5	225,955	247,314	9.5	6,499	6,504	.1

NA Not available. X Not applicable. [1] Includes other branches, or other agencies, not shown separately. [2] Formerly International Communications Agency.

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

No. 513. Federal White-Collar Civilian Employment, by Sex and Grade: 1970 to 1987

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

Grade[1]	Total (1,000)					Percent female				
	1970	1980	1983	1985	1987	1970	1980	1983	1985	1987
Total employment[2]	**1,885**	**2,006**	**2,039**	**2,156**	**2,203**	**33.1**	**38.6**	**46.2**	**47.4**	**48.2**
General Schedule and equivalent pay system	1,259	1,473	1,484	1,561	1,585	40.3	45.1	46.5	47.7	48.4
Grades 1–6 ($9,619–$21,480)	521	561	541	563	549	72.2	74.1	74.6	74.5	74.9
Grades 7–10 ($18,358–$32,148)	302	357	360	377	389	33.4	46.3	48.8	50.3	51.4
Grades 11–12 ($27,172–$42,341)	264	335	362	388	407	9.5	19.3	24.2	27.5	30.0
Grades 13–15 ($38,727–$69,976)	164	217	220	231	239	3.0	8.2	10.3	12.1	14.2
Grades 16–18 ($63,135–$72,500)[3]	8	3	1	1	1	1.4	4.4	5.8	6.1	6.9

[1] Pay ranges shown for General Schedule grades are as of January 1, 1987. [2] Includes U.S. Postal Service, and other systems not shown separately. [3] Beginning 1980, change in number reflects shift of senior level employees to Senior Executive Service.

Source: 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. 514. Federal Civilian Employment and Annual Payroll, by Branch: 1970 to 1987

[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 306–317]

YEAR	EMPLOYMENT						PAYROLL				
	Total [1] (1,000)	Percent of U.S. employed [2]	Executive		Legislative (1,000)	Judicial (1,000)	Total [1] (mil. dol.)	Executive		Legislative (mil. dol.)	Judicial (mil. dol.)
			Total [1] (1,000)	Defense (1,000)				Total [1] (mil. dol.)	Defense (mil. dol.)		
1970	[3] 2,928	3.7	[3] 2,891	1,195	30	7	[3] 28,562	[3] 28,117	11,352	353	92
1975	2,882	3.4	2,834	1,036	37	10	40,693	39,944	14,356	589	186
1978	2,875	3.0	2,822	987	40	13	49,921	48,899	16,995	771	251
1979	2,897	2.9	2,844	970	40	13	53,590	52,513	18,065	817	260
1980	[4] 2,987	3.0	[4] 2,933	972	40	14	[4] 58,012	[4] 56,841	19,234	883	288
1981	2,910	2.9	2,855	986	40	15	63,792	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	69,878	68,420	23,406	1,013	445
1984	2,935	2.8	2,879	1,052	40	17	74,537	73,005	25,253	1,081	451
1985	3,001	2.8	2,944	1,080	39	18	80,445	78,840	28,219	1,097	509
1986	3,047	2.8	2,990	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

[1] Includes Postal Service Christmas help. [2] Civilian only. See table 622. [3] Includes 33,000 temporary census workers. [4] Includes 4,975 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. 515. Federal Civilian Employment—Summary: 1970 to 1987

[**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]

CHARACTERISTIC OF EMPLOYMENT	UNITED STATES								WASHINGTON, DC [1]				
	1970	1975	1980	1983	1984	1985	1986	1987	1970	1980	1985	1986	1987
Paid employment	**2,645**	**2,741**	**2,772**	**2,754**	**2,824**	**2,902**	**2,895**	**2,972**	**316**	**366**	**353**	**344**	**351**
Male	1,931	1,896	1,790	1,680	1,694	1,769	1,765	1,813	180	202	191	186	190
Female	714	845	982	1,074	1,130	1,133	1,130	1,159	136	164	162	158	161
Full-time	2,516	2,496	2,504	2,497	2,537	2,589	2,575	2,651	308	342	335	327	334
Other	129	245	268	257	287	313	320	321	8	24	18	17	17
Competitive service [2]	2,393	1,714	1,692	1,685	1,698	1,710	1,678	1,724	262	258	246	239	242
Temporary [3]	112	60	70	70	68	82	72	85	11	11	11	9	11
Excepted and Senior Executive Services (SES) [2] [4]	252	1,027	1,080	1,069	1,126	1,191	1,217	1,249	54	107	108	105	108
Permanent	164	863	917	926	968	1,015	1,035	1,057	38	70	73	73	74
Other	88	184	163	143	158	176	182	192	16	37	35	32	34
White-collar [5]	2,113	2,255	2,314	2,319	2,393	2,478	2,490	2,568	278	334	327	319	327
Blue-collar [5]	532	486	458	435	431	424	405	404	38	32	26	25	24

[1] Through June 30, 1983, represents SMSA; thereafter, MSA. [2] In 1971, under Postal Reorganization Act of 1970, U.S. Postal Service employees were changed from competitive service to excepted service. [3] Includes "indefinite." [4] Excepted from competitive requirements of Civil Service Act. Prior to 1980 SES was not included in total.
[5] Through 1980, based on full-time employment; beginning 1983, based on total workforce.

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. 516. Accessions to and Separations From Paid Civilian Employment in the Federal Government: 1970 to 1988

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

ITEM	UNITED STATES							WASHINGTON, DC [1]				
	1970	1975	1980	1985	1986	1987	Oct. 1987–March 1988	1980	1985	1986	1987	Oct. 1987–March 1988
Accessions, total	727.0	584.2	995.2	692.1	598.7	637.6	302.4	84.1	62.4	57.5	64.2	30.7
Monthly rate [2]	2.2	1.7	2.9	2.0	1.7	1.8	1.7	2.3	1.8	1.4	1.8	1.5
Separations, total	796.7	588.9	1,004.0	585.8	557.5	558.7	272.1	89.2	57.8	58.7	55.4	26.2
Monthly rate [2]	2.4	1.8	3.0	1.7	1.6	1.6	1.5	2.2	1.5	1.4	1.4	1.3
Quit [3]	334.4	212.9	227.7	238.6	208.7	206.1	89.8	32.9	26.2	26.2	24.3	9.1

[1] See footnote 1, table 515. [2] Per 100 employees. [3] 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: U.S. Office of Personnel Management, *Federal Civilian Workforce Statistics, Employment and Trends*, bimonthly, formerly the *Monthly Release of Federal Civilian Workforce Statistics.*

No. 517. Paid Civilian Employment in the Federal Government 1960 to 1986, and by State, 1986

[As of **December 31.** Excludes members and employees of Congress, Central Intelligence Agency, temporary Christmas help of the U.S. Postal Service, and National Security Agency]

YEAR, DIVISION, AND STATE	Total (1,000)	Percent defense	Rate per 10,000 population [1]
1960	2,213	42.1	123.4
1970	2,665	37.8	131.1
1980	2,659	32.2	117.4
1982	2,734	34.3	117.8
1984	2,771	34.3	117.2
1986, total [2]	**2,862**	**33.8**	**118.7**
New England	**121**	**28.1**	**95.0**
Maine	17	58.8	144.9
New Hampshire	7	28.6	68.2
Vermont	5	20.0	92.4
Massachusetts	59	20.3	101.2
Rhode Island	10	40.0	102.6
Connecticut	23	21.7	72.1
Middle Atlantic	**361**	**28.0**	**96.8**
New York	156	12.8	87.8
New Jersey	74	36.5	97.1
Pennsylvania	131	41.2	110.2
East North Central	**319**	**27.3**	**76.4**
Ohio	90	37.8	83.7
Indiana	41	36.6	74.5
Illinois	104	21.2	90.0
Michigan	57	22.8	82.3
Wisconsin	27	11.1	56.4
West North Central	**172**	**22.7**	**97.9**
Minnesota	31	9.7	73.6
Iowa	18	5.6	63.1
Missouri	67	31.3	132.3
North Dakota	8	25.0	117.8
South Dakota	9	11.1	127.1
Nebraska	15	26.7	93.9
Kansas	24	29.2	97.6
South Atlantic	**775**	**35.7**	**189.4**
Delaware	5	40.0	79.0
Maryland	129	32.6	289.0
South Atlantic—Con.			
District of Columbia	206	8.3	3,290.7
Virginia	156	67.9	269.6
West Virginia	15	13.3	78.2
North Carolina	45	35.6	71.1
South Carolina	32	62.5	94.8
Georgia	86	46.5	140.9
Florida	101	31.7	86.5
East South Central	**174**	**33.9**	**114.4**
Kentucky	33	42.4	88.5
Tennessee	58	12.1	120.8
Alabama	59	45.8	145.6
Mississippi	24	45.8	81.4
West South Central	**272**	**38.6**	**101.3**
Arkansas	19	26.3	80.1
Louisiana	33	27.3	79.3
Oklahoma	48	54.2	145.2
Texas	172	37.8	103.1
Mountain	**187**	**32.6**	**143.6**
Montana	11	9.1	134.3
Idaho	10	10.0	99.8
Wyoming	6	16.7	118.3
Colorado	52	28.8	159.2
New Mexico	26	38.5	175.8
Arizona	36	30.6	108.5
Utah	36	55.6	216.2
Nevada	10	20.0	103.8
Pacific	**445**	**43.1**	**124.5**
Washington	63	46.0	141.2
Oregon	27	11.1	100.1
California	314	42.7	116.4
Alaska	14	35.7	262.2
Hawaii	27	77.8	254.2

[1] For 1960–1980, based on April 1 enumerated population; other years based on July 1 estimated resident population. [2] Preliminary. Includes employees not specified by State.

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

No. 518. Paid Full-Time Civilian Employment in the Federal Government, All Areas: 1980 to 1987

[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 (dol.)					
	1980	1983	1984	1985	1986	1987	1980	1983	1984	1985	1986	1987
Total	**2,507**	**2,499**	**2,520**	**2,590**	**2,616**	**2,625**	**19,447**	[1] 24,074	[1] 25,211	[1] 26,139	[1] 26,369	[1] 27,429
General schedule	1,402	1,393	1,407	1,450	1,462	1,458	17,299	24,178	25,282	26,186	26,274	27,421
Wage system	456	430	420	418	409	391	17,644	21,500	22,393	23,288	23,837	24,432
Postal pay system [2]	536	547	561	586	606	633	20,076	24,612	25,504	26,559	26,744	26,925
Other	113	129	132	136	139	143	20,344	31,544	33,453	34,413	34,814	36,859

[1] Excludes postal pay system. [2] 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. 519. Federal General Schedule Employee Pay Increases: 1965 to 1988

[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, 1972	5.1	Oct. 1, 1980	9.1
July 1, 1966	2.9	Oct. 1, 1973	4.8	Oct. 1, 1981	4.8
Oct. 1, 1967	4.5	Oct. 1, 1974	5.5	Oct. 1, 1982	4.0
July 1, 1968	4.9	Oct. 1, 1975	5.0	Jan. 1, 1984	4.0
July 1, 1969	9.1	Oct. 1, 1976	5.2	Jan. 1, 1985	3.5
Dec. 27, 1969	6.0	Oct. 1, 1977	7.0	Jan. 1, 1986	–
Jan. 1, 1971	6.0	Oct. 1, 1978	5.5	Jan. 1, 1987	3.0
Jan. 1, 1972	5.5	Oct. 1, 1979	7.0	Jan. 1, 1988	2.0

– Represents zero.

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

No. 520. Federal Paid Civilian Employment, by Agency: 1970 to 1987

[As of **end of fiscal year**; see text, section 9. See headnote, table 514. Includes U.S. outlying areas and foreign countries. See also *Historical Statistics, Colonial Times to 1970*, series Y 308-317]

AGENCY	1970	1975	1980	1983	1984	1985	1986	1987
All agencies	**2,921,909**	**2,898,944**	**2,875,866**	**2,876,263**	**2,934,255**	**3,020,531**	[1] **3,022,189**	**3,090,699**
Legislative branch	30,715	38,531	39,710	39,143	38,832	38,764	36,490	37,918
Judicial branch	6,887	10,399	15,178	16,826	17,247	18,225	18,966	20,244
Executive branch [2]	2,884,307	2,848,014	2,820,978	2,820,494	2,878,176	2,963,542	2,966,773	3,032,537
Executive Office of the President	4,742	1,918	1,886	1,621	1,595	1,526	1,492	1,553
Executive departments	1,812,572	1,736,872	1,716,970	1,739,153	1,753,336	1,789,270	1,761,644	1,806,101
Agriculture	116,012	120,999	129,139	123,987	118,609	117,750	113,147	116,993
Commerce	[3] 57,674	36,228	[3] 48,563	35,576	35,271	35,150	34,397	34,826
Census Bureau	(NA)	(NA)	[3] 19,925	8,461	8,270	8,633	8,539	9,063
Defense	1,193,784	1,041,829	960,116	1,026,461	1,043,784	1,084,549	1,067,974	1,090,018
Education [4]	(X)	(X)	7,364	5,268	5,343	4,889	4,554	4,894
Energy [5]	(X)	(X)	21,557	17,229	16,976	16,749	16,657	16,749
Health and Human Services [4]	108,044	147,125	155,662	147,162	144,240	140,151	133,842	127,039
Social Security Admin.	(NA)	(NA)	84,272	86,052	84,932	82,967	77,823	70,783
Housing and Urban Development [6]	15,190	17,161	16,964	12,996	12,393	12,289	11,843	13,033
Interior	73,361	80,198	77,357	79,582	78,661	77,485	73,980	76,719
Justice	39,257	51,541	56,327	58,869	61,398	64,433	65,529	70,696
Labor	10,991	14,834	23,400	19,083	18,320	18,260	17,487	17,976
State	39,753	30,376	23,497	23,961	24,706	25,254	25,325	25,483
Transportation	65,985	75,035	72,361	62,959	62,761	62,227	61,281	62,488
Treasury	92,521	121,546	124,663	126,020	130,654	130,084	135,628	149,187
Internal Revenue Service	(NA)	(NA)	85,981	89,657	94,642	94,998	100,480	111,241
Independent agencies:								
Environmental Protection Agency	(X)	10,772	14,715	11,931	13,048	13,788	14,021	15,173
National Aeronautics and Space Administration	32,548	26,447	23,714	22,784	22,085	22,562	22,244	22,950
Office of Personnel Management [7]	5,508	8,157	8,280	6,369	6,553	6,353	5,929	6,078
Railroad Retirement Board	1,734	1,961	1,795	1,565	1,578	1,681	1,601	1,637
Small Business Administration	4,269	4,796	5,804	5,100	5,093	4,960	4,906	4,846
Tennessee Valley Authority	22,244	28,423	51,714	37,181	33,589	32,035	30,564	32,736
Veterans Administration	168,719	213,143	228,285	238,739	239,923	247,156	240,423	250,013

NA Not available. X Not applicable. [1] Excludes agencies not shown separately. [2] Includes other agencies not shown separately. [3] Includes 24,278 enumerators in 1970 census, and 4,975 enumerators in the 1980 census. [4] Dept. of Education established Sept. 1979; formerly included with Health and Human Services. [5] Dept. of Energy established Oct. 1, 1977. [6] Includes Housing and Home Finance Agency. [7] 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. 521. Federal Government Employment, by Race and Hispanic Origin, and by Pay System: 1982 and 1986

[As of **Sept. 30**. Covers total employment for only Executive Branch agencies participating in OPM's central personnel data file. Excludes foreign nationals abroad and U.S. Postal Service]

PAY SYSTEM	1982					1986, est.				
		Race/Hispanic origin					Race/Hispanic origin			
	Total employees (1,000)	Total [1] (1,000)	Percent of total	Black, non-Hispanic (1,000)	Hispanic (1,000)	Total employees (1,000)	Total [1] (1,000)	Percent of total	Black, non-Hispanic (1,000)	Hispanic (1,000)
All pay systems, total [2]	**2,008.6**	**484.0**	**24.1**	**311.1**	**90.0**	**2,084.0**	**541.8**	**26.0**	**339.8**	**105.2**
General schedule and equivalent [3]	1,508.3	336.2	22.3	222.0	59.0	1,592.7	392.6	24.6	253.6	72.4
GS 1-4 ($9,339-$16,723)	303.6	101.9	33.6	71.0	16.1	282.8	108.6	38.4	75.7	17.9
GS 5-8 ($14,390-$25,662)	464.9	126.5	27.2	90.2	20.2	491.3	148.1	30.1	102.8	25.0
GS 9-12 ($21,804-$41,105)	530.0	87.6	16.5	50.1	18.7	590.0	111.3	18.9	62.8	24.5
GS 13-15 ($37,599-$67,940)	209.8	20.1	9.6	10.7	4.0	228.6	24.6	10.8	12.5	5.0
Executive, total	7.8	.6	7.2	.3	.1	8.9	.6	6.6	.4	.1
Wage systems	414.0	134.6	32.5	83.5	28.0	409.2	135.2	33.0	80.9	29.7
Other pay systems [4]	69.3	10.1	14.6	3.7	2.3	69.0	11.8	17.1	3.8	2.7

[1] Includes American Indians, Alaska Natives, Asians, and Pacific Islanders, not shown separately. [2] Due to the inclusion of unspecified employee records, the pay systems listed do not add to the total. [3] Pay rates as of January 1986 for general schedule. Each grade (except Executive) includes several salary steps. Range is from lowest to highest step of grades shown. [4] Includes white-collar employment in other than General Schedule and Equivalent or Executive pay plans.

Source: U.S. Office of Personnel Management, *1986 Affirmative Employment Statistics;* biennial, and unpublished data.

No. 522. Federal Land and Buildings Owned and Leased: 1960 to 1987

[For fiscal years ending in year shown; see text, section 9. Covers Federal real property throughout the world, except as noted. Totals include data not shown separately. For data on Federal land by State, see table 335]

ITEM AND AGENCY	Unit	1960	1970	1975	1980	1982	1983	1984	1985	1987
Federally owned:										
Land, total	Mil. acres	772	762	761	720	730	732	727	727	724
Dept. of Agriculture	Mil. acres	186	187	188	184	193	193	189	189	189
Dept. of Defense	Mil. acres	30	31	31	30	23	29	24	29	26
Dept. of the Interior	Mil. acres	553	540	538	502	511	507	500	500	504
Buildings, number [1]	1,000	413	418	405	403	387	418	438	454	412
Dept. of Defense [1]	1,000	320	319	312	301	292	321	323	354	316
Dept. of the Interior	1,000	31	34	30	34	35	37	36	37	38
Buildings, floor area [1]	Mil. sq. ft	2,445	2,542	2,502	2,522	2,467	2,609	2,725	2,860	2,700
Dept. of Defense [1]	Mil. sq. ft	1,929	1,857	1,802	1,777	1,707	1,838	1,929	2,065	1,896
General Services Administration	Mil. sq. ft	122	205	194	202	199	199	204	207	210
Dept. of the Interior	Mil. sq. ft	42	61	58	65	69	72	71	71	72
Veterans Administration	Mil. sq. ft	115	110	111	116	117	119	117	119	120
Cost of land, buildings, etc. [2]	Bil. dol	53	79	91	107	117	132	147	148	165
Dept. of Defense	Bil. dol	31	44	56	60	68	73	77	72	80
Dept. of the Interior	Bil. dol	5	8	10	10	12	12	13	14	13
Federally leased:										
Land	Mil. acres	1.8	1.6	1.2	1.4	1.4	1.4	1.8	1.3	1.6
Dept. of Defense	Mil. acres	1.7	1.4	1.0	1.2	1.2	1.1	1.1	.5	.8
Buildings, floor area [1]	Mil. sq. ft	97	182	210	214	215	206	203	237	246
Dept. of Defense [1]	Mil. sq. ft	11	7	13	14	14	14	14	13	15
Rental property, cost	Mil. dol	174	451	664	1,054	1,422	1,532	1,547	1,681	1,893
Dept. of Defense	Mil. dol	35	63	65	156	314	323	324	326	356

[1] Excludes data for Dept. of Defense military functions outside United States. [2] See headnote, table 523.

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

No. 523. Federally Owned Land and Cost of Land, by Predominant Usage: 1965 to 1987

[As of end of fiscal year; see text, section 9. Covers land in United States only (50 States and DC). Cost of land figures represent total cost of property owned in year shown and exclude unreserved public domain; public domain reserved for national parks, national forests, military installations and other purposes; and historical sites acquired by methods other than by 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]

YEAR AND AGENCY	Total [1]	Forest and wildlife	Grazing	Parks and historic sites	Military, exc. airfields	Flood control, navigation	Reclamation, irrigation	Power development	Airfields
LAND (mil. acres)									
1965, total	765.8	508.4	165.2	22.8	15.7	6.7	7.8	1.9	2.0
1970, total	761.3	503.2	163.5	24.6	17.7	7.4	7.5	2.1	1.5
1975, total	760.4	502.3	164.0	25.3	18.1	8.0	7.0	1.5	2.3
1978, total	775.2	514.8	162.7	26.7	20.6	8.2	6.1	1.6	1.5
1979, total	769.9	472.1	162.5	68.5	18.0	8.3	6.0	1.5	1.5
1980, total	719.5	421.8	162.2	92.6	18.5	8.3	4.8	1.5	.4
1981, total	730.6	432.3	161.7	102.2	10.5	8.4	3.8	1.6	1.1
1982, total	729.8	433.3	161.8	100.6	10.6	8.5	3.7	1.5	.7
1983, total	732.0	434.0	162.1	95.6	16.9	8.3	3.8	1.5	1.5
1984, total	726.6	430.4	153.0	91.4	19.8	8.3	5.9	1.2	2.5
1985, total	727.4	430.6	154.7	94.0	26.0	5.8	5.3	1.0	2.4
1987, total	724.1	430.6	154.4	96.1	16.2	5.8	5.2	1.0	1.8
COST OF LAND (mil. dol.)									
1965	4,128	237	18	180	298	1,915	224	204	203
1970	5,475	350	26	373	331	2,591	312	251	162
1975	6,872	589	26	618	334	3,381	313	273	199
1978	8,762	789	27	1,047	477	3,914	580	296	133
1979	9,680	900	27	1,417	480	4,104	377	286	146
1980	9,982	975	28	1,560	502	4,331	365	304	123
1981	10,355	1,121	29	1,823	274	4,504	264	321	240
1982	10,777	1,211	29	1,907	286	4,696	280	316	194
1983	10,972	1,236	29	2,114	266	4,629	261	323	208
1984	12,324	1,223	28	2,799	349	4,615	439	306	327
1985	12,880	1,349	25	2,972	399	4,772	387	290	381
1987	12,120	1,471	26	1,944	327	4,934	398	290	212

[1] 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. 524. Public Lands—Disposal Transactions and Cash Receipts: 1961 to 1987

[**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 26-32]

ITEM	Unit	1961-1987, total	1980	1981	1982	1983	1984	1985	1986	1987
Applications, entries, and selections allowed [1]	1,000 acres	[2] 184,905	1,167	1,311	10,390	5,350	1,835	1,404	4	1
Alaska	1,000 acres	[2] 181,305	1,160	1,277	10,299	5,148	1,601	1,131	–	–
Applications, entries, and selections approved [1]	1,000 acres	71,334	175	340	18,121	16,907	4,837	6,491	683	1,812
Alaska	1,000 acres	67,275	2	321	[3] 17,998	[3] 16,590	4,259	6,095	[4] 595	1,599
Patents and certificates [1]	1,000 acres	46,259	2,495	1,258	411	723	1,449	4,217	3,704	3,000
Alaska	1,000 acres	36,234	2,443	1,090	191	244	979	3,729	3,254	2,343
Homestead entries: [5]										
Allowed	Number	2,659	1	12	3	1	20	4	–	–
Acres	1,000	323	(z)	1	(z)	(z)	2	1	–	–
Approved [6]	1,000 acres	237	1	2	2	1	3	2	–	–
Cash receipts	Mil. dol	97,194	5,079	11,279	7,880	11,680	7,914	6,939	5,864	5,014
Mineral leases [7]	Mil. dol	10,822	618	739	1,169	886	1,005	1,165	904	773
Outer Continental Shelf leases [7]	Mil. dol	81,205	4,101	10,138	6,250	10,492	6,694	5,542	4,716	4,021
Timber sales	Mil. dol	3,053	216	216	87	107	153	138	162	153
Public land, materials sales	Mil. dol	155	8	5	4	12	14	12	14	8
Fees and commissions	Mil. dol	293	29	44	4	2	2	2	2	2
Miscellaneous [8]	Mil. dol	1,653	108	138	366	181	46	75	66	57

– Represents zero. Z Less than 500 acres. [1] Covers homestead, desert land, and mineral entries, public auction sales, Indian and State selections; and other disposal transactions; excludes Indian fee and reissue trusts and corrective patents. [2] For years 1976-1980 includes entries under the Alaska Native Claims Act of Dec. 18, 1971. [3] Transfer of aggregate 31.8 million acres to the State of Alaska under the Alaska Statehood Act of July 7, 1958 and the Alaska National Interest Lands Conservation Act of December 2, 1980. [4] Administrative suspension of existing conveyance process to phase-in the new patent plan process. The acreages for the State of Alaska are more a function of administrative capacity to adjudicate the caseload rather than an indication of interest by applicants in making application, as is normally the case for other States. [5] Excludes ceded Indian lands. [6] Excludes commuted homesteads. [7] Source: Minerals Management Service, *Mineral Revenues,* annual through 1981; thereafter *Budget Revenue Records.* [8] Includes grazing revenues, rental of land, oil and gas pipeline right-of-way rentals (beginning fiscal year 1984), and other miscellaneous revenue.

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

No. 525. Public Lands—Leases, Permits, and Licenses, by Class: 1960 to 1987

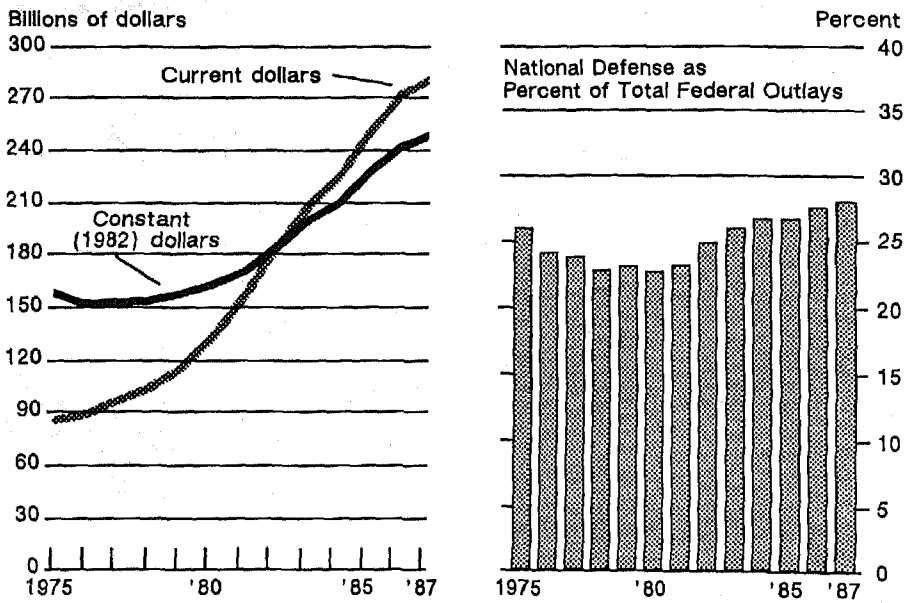
[**As of end of fiscal year except as noted;** see text, section 9. Excludes leases on acquired, submerged, and military lands. Excludes community pit and mineral material free use permits. See *Historical Statistics, Colonial Times to 1970,* series J 41-42, for oil and gas leases]

YEAR	MINERAL CLASS							GRAZING [4]	
	Total	Leases				Permits [3]	Licenses	Leases [5]	Permits [6]
		Total	Oil and gas [1]	Coal [2]	Other				
Number:									
1960	142,114	140,057	139,534	294	229	2,035	22	9,911	18,976
1965	101,863	101,086	100,339	379	368	763	14	8,912	18,712
1970	100,598	100,010	99,038	525	447	583	5	8,559	16,627
1975	104,075	103,762	102,815	529	418	309	4	7,785	15,480
1977	104,377	104,079	102,130	523	1,426	294	4	7,792	15,099
1978	105,284	105,088	102,984	524	1,580	183	13	9,884	14,925
1979	107,176	107,014	104,769	535	1,710	139	23	7,773	14,676
1980	106,125	105,963	103,571	522	1,870	132	30	7,700	14,741
1981	111,842	111,645	109,041	562	2,042	157	40	7,621	14,628
1982	118,589	118,365	115,389	607	2,369	149	75	7,837	12,956
1983	[7] 133,337	132,861	129,881	611	2,369	149	75	7,688	12,956
1984	[7] 118,254	117,849	115,382	450	2,017	348	57	7,550	13,053
1985	119,419	119,101	116,985	625	1,491	316	2	7,387	12,493
1986	105,513	105,226	102,885	605	1,736	246	41	7,218	12,394
1987	89,789	89,546	87,568	552	1,426	231	12	7,164	12,368
Acreage (1,000):									
1960	118,157	114,136	113,667	199	270	4,020	1	18,532	(NA)
1965	66,267	64,955	64,148	374	433	1,311	1	18,057	(NA)
1970	65,374	64,323	63,030	764	529	1,051	(z)	18,262	(NA)
1975	82,618	81,885	80,621	780	485	733	(z)	17,144	(NA)
1977	86,903	86,275	83,319	791	2,164	626	2	16,387	(NA)
1978	90,202	89,823	86,585	790	2,447	334	45	24,705	(NA)
1979	96,482	96,109	92,642	798	2,669	299	74	17,534	(NA)
1980	100,585	100,198	96,503	786	2,909	278	109	17,028	(NA)
1981	117,257	116,777	112,729	833	3,215	337	143	17,160	(NA)
1982	151,743	151,193	146,502	910	3,781	189	361	17,488	157,575
1983	[7] 163,330	162,506	157,814	911	3,781	189	361	16,866	157,575
1984	[7] 136,323	135,827	131,655	705	3,457	263	233	18,375	156,668
1985	124,463	124,095	120,687	934	2,474	356	12	16,492	148,967
1986	96,717	96,236	92,731	901	2,604	340	141	16,232	147,148
1987	74,350	74,058	71,203	807	2,048	286	6	16,160	146,298

NA Not available. Z Less than 500 acres. [1] For data on Outer Continental Shelf, see section 26. [2] Includes competitive, noncompetitive, preference right, and exchange leases beginning fiscal year 1985. [3] Does not include free-use permits for disposition of mineral materials (sand and gravel, top soil, quarry rock, etc.). [4] 1960-1977 as of Dec. 31, 1978-1982, as of Feb. 28 of following year. Beginning 1983, as of Sept. 30. [5] Lands outside grazing districts, which are owned, leased, or otherwise controlled by the United States and administered by the Bureau of Land Management and which are subject to leasing for grazing purposes. [6] Licenses and permits within grazing districts. [7] Includes miscellaneous nonenergy leases, permits, and licenses on acquired, military, and other Federal lands not separable by type.

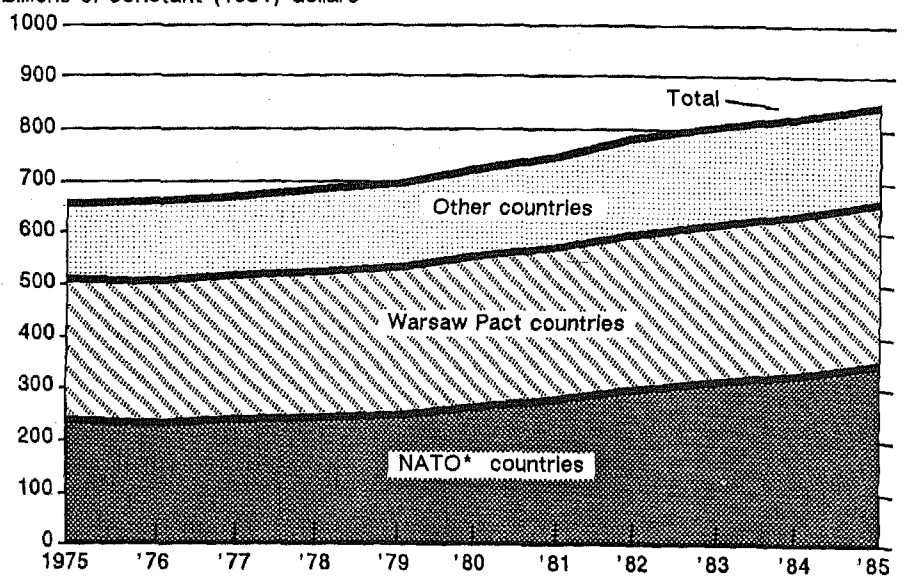
Source: U.S. Bureau of Land Management, *Public Land Statistics,* annual.

Figure 11.1
Federal Budget Outlays for National Defense: 1975 to 1987

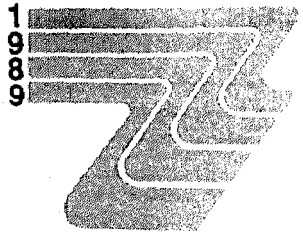


Source: Chart prepared by U.S. Bureau of the Census. For data see table 526.

Figure 11.2
World Military Expenditures: 1975 to 1985



* North Atlantic Treaty Organization.
Source: Chart prepared by U.S. Bureau of the Census. For data see table 533.



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 Administrator of Veterans Affairs,* Veterans Administration, 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 Organization of the Joint Chiefs of Staff, the Army, Navy, 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. In peacetime, the National Guard is State-administered, and trained under the authority of the State Governors. 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.

Veterans Administration.—The Veterans Administration (VA) 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. 526. National Defense Outlays and Veterans Benefits: 1960 to 1988

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

YEAR	NATIONAL DEFENSE AND VETERANS OUTLAYS				ANNUAL PERCENT CHANGE [1]				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 [2]
		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	9.5
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	.9	2.9	46.2	8.7
1965	56.3	50.6	181.4	5.7	–8.8	–7.6	–8.6	.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	.7	–4.5	8.5	44.9	8.9
1970	90.4	81.7	225.6	8.7	.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	.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	169.8	16.6	11.2	9.0	–2.1	24.0	26.0	5.7
1976	108.1	89.6	163.6	18.4	4.8	3.6	–3.9	11.0	24.1	5.3
1976, TQ [3]	26.2	22.3	37.1	4.0	(X)	(X)	(X)	(X)	23.2	5.0
1977	115.3	97.2	164.3	18.0	6.7	8.5	.5	–2.1	23.8	5.0
1978	123.5	104.5	165.0	19.0	7.1	7.5	.5	5.2	22.8	4.8
1979	136.3	116.3	169.1	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	12.2	13.3	8.6	3.7	*26.0*	*6.3*
1984	253.0	227.4	211.3	25.6	7.8	8.3	5.0	3.1	26.7	6.2
1985	279.0	252.7	229.4	26.3	10.3	11.1	8.6	2.6	26.7	6.4
1986	299.7	273.4	243.0	26.4	7.4	8.2	*5.9*	.2	*27.6*	*6.5*
1987	308.8	282.0	249.8	26.8	3.0	3.2	2.8	1.6	28.1	6.4
1988, est.	313.2	285.4	243.5	27.7	1.4	1.2	–2.5	3.6	27.0	6.1

X Not applicable. [1] Change from prior year shown; for 1960, change from 1955. [2] Represents fiscal year GNP; for definition, see text, section 14. [3] Transition quarter, July–Sept.

Source: U.S. Office of Management and Budget, *Historical Tables, Budget of the United States Government, 1989.*

No. 527. Federal Budget Outlays for National Defense Functions: 1970 to 1988

[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	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988, est.
Total	**81.7**	**86.5**	**104.5**	**116.3**	**134.0**	**157.5**	**185.3**	**209.9**	**227.4**	**252.7**	**273.4**	**282.0**	**285.4**
Annual percent change [1]	10.1	9.0	7.5	11.3	15.2	17.6	17.6	13.3	8.3	11.1	8.2	3.2	1.2
Defense Dept., military	80.1	84.9	102.3	113.6	130.9	153.8	180.7	204.4	220.9	245.1	265.5	274.0	277.3
Military personnel	29.0	32.2	35.6	37.3	40.9	47.9	55.2	60.9	64.2	67.8	71.5	72.0	75.5
Percent of military	36.2	37.9	34.8	32.9	31.2	31.2	30.5	29.8	29.0	27.7	26.9	26.3	27.2
Operation, maintenance	21.6	26.3	33.6	36.4	44.8	51.9	59.7	64.9	67.4	72.3	75.3	76.2	80.4
Procurement	21.6	16.0	20.0	25.4	29.0	35.2	43.3	53.6	61.9	70.4	76.5	80.7	79.2
Research and development	7.2	8.9	10.5	11.2	13.1	15.3	17.7	20.6	23.1	27.1	32.3	33.6	33.1
Military construction	1.2	1.5	1.9	2.1	2.5	2.5	2.9	3.5	3.7	4.3	5.1	5.9	5.4
Family housing	.6	1.1	1.4	1.5	1.7	1.7	2.0	2.1	2.4	2.6	2.8	2.9	3.0
Other [2]	–1.1	–1.1	–.7	–.3	–1.1	–.6	–.1	–1.2	–1.7	.6	2.0	2.6	.7
Atomic energy activities [3]	1.4	1.5	2.1	2.5	2.9	3.4	4.3	5.2	6.1	7.1	7.4	7.5	7.6
Defense-related activities [4]	.2	.2	.2	.2	.2	.3	.3	.3	.4	.5	.6	.6	.5

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

Source: U.S. Office of Management and Budget, *Historical Tables, Budget of the United States Government, 1989.*

No. 528. National Defense—Funds Available and Outlays: 1975 to 1988

[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	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
Funds available	**102.7**	**137.3**	**147.9**	**167.1**	**204.7**	**243.5**	**280.1**	**309.2**	**346.9**	**351.2**	**347.9**	**339.5**
Budget authority [1]	87.6	117.2	126.5	143.9	180.0	216.5	245.0	265.2	294.7	289.1	287.4	291.4
Department of Defense-Military [2]	85.8	114.5	123.6	140.6	176.1	211.5	238.9	258.2	286.8	281.4	279.5	283.2
Atomic energy and other defense-related activities [1]	1.8	2.7	2.9	3.2	3.9	5.1	6.2	7.0	7.9	7.7	8.0	8.3
Unobligated balances [1 3]	15.1	20.1	21.4	23.3	24.7	27.0	35.1	44.0	52.2	62.1	60.4	48.1
Department of Defense-Military	15.1	20.0	21.3	23.0	24.2	26.5	34.6	43.4	51.6	61.5	60.0	47.6
Atomic energy and other defense-related activities [1]	(NA)	.1	.1	.3	.5	.5	.5	.6	.6	.6	.4	.5
Outlays (Defense) [1]	**86.5**	**104.5**	**116.3**	**134.0**	**157.5**	**185.3**	**209.9**	**227.4**	**252.7**	**273.4**	**282.0**	**285.4**
Percent of funds available	84.2	76.1	78.7	80.2	76.9	76.1	74.9	73.6	72.9	77.8	81.1	84.1
Department of Defense-Military	84.9	102.3	113.6	130.9	153.8	180.7	204.4	220.9	245.1	265.5	274.0	277.3
Atomic energy and other defense-related activities [1]	1.7	2.2	2.8	3.1	3.7	4.6	5.5	6.5	7.6	7.9	8.0	8.1

NA · Not available [1] Includes defense budget authority, balances, and outlays by other departments. [2] Excluding accruals. [3] Start of year.

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

No. 529. National Defense—Military Budget Authority by Major Mission: 1975 to 1988

[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	1981	1982	1983	1984	1985	1986	1987	1988, est.
Total	**87.6**	**143.9**	**180.0**	**216.5**	**245.0**	**265.2**	**294.7**	**289.1**	**287.4**	**291.4**
General purpose	28.1	52.2	68.8	88.1	98.8	100.7	118.4	116.2	114.9	110.7
Training, medical	20.0	29.2	35.3	39.6	42.2	43.3	33.6	33.6	35.5	35.9
Research and development	7.7	11.9	14.2	16.9	18.7	21.5	24.4	25.7	27.5	32.5
Intelligence and communications	6.3	9.1	11.2	13.9	17.3	20.0	25.1	26.4	27.7	28.0
Strategic forces	7.2	11.1	12.7	15.3	19.7	26.1	27.4	24.2	21.1	21.0
Central supply and maintenance	9.1	16.0	19.1	21.1	21.6	23.4	26.7	24.4	22.7	24.1
Guard and reserve	4.8	7.9	9.9	10.6	12.1	12.2	15.8	15.6	15.7	16.2
Airlift and sealift	.9	2.1	2.9	4.0	4.3	5.5	8.7	7.6	7.1	5.8
Admin. and assoc. activities	2.0	2.5	3.4	3.6	4.1	4.8	6.1	7.1	6.6	5.8
Support of other nations	1.8	.6	.9	.9	.7	.7	.6	.5	.7	.8
PERCENT DISTRIBUTION										
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
General purpose	32.0	36.6	38.6	41.2	41.3	39.0	41.3	41.3	41.1	39.1
Training, medical	22.8	20.5	19.8	18.5	17.6	16.8	11.7	11.9	12.7	12.7
Research and development	8.8	8.3	8.0	7.9	7.8	8.3	8.5	9.1	9.8	11.5
Intelligence and communications	7.2	6.4	6.3	6.5	7.2	7.7	8.8	9.4	9.9	10.0
Strategic forces	8.2	7.8	7.1	7.2	8.2	10.1	9.6	8.6	7.5	7.4
Central supply and maintenance	10.4	11.2	10.7	9.9	9.0	9.1	9.3	8.7	8.1	8.5
Guard and reserve	5.5	5.5	5.5	5.0	5.1	4.7	5.5	5.5	5.6	5.7
Airlift and sealift	1.0	1.5	1.6	1.9	1.8	2.1	3.0	2.7	2.5	2.0
Admin. and assoc. activities	2.3	1.8	1.9	1.7	1.7	1.9	2.1	2.5	2.4	2.0
Support of other nations	2.0	.4	.5	.4	.3	.3	.2	.2	.3	.3

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

No. 530. Federal Research and Development Funding for National Defense: 1980 to 1988

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

DEFENSE PROGRAMS	1980	1981	1982	1983	1984	1985	1986	1987	1988, est.
Total [1]	**14.9**	**18.4**	**22.1**	**24.9**	**29.3**	**33.7**	**36.9**	**39.2**	**40.3**
Department of Defense (DOD)-Military	13.8	17.1	20.5	23.3	27.3	31.4	34.7	36.8	37.9
Research, development, test and evaluation	13.3	16.5	19.9	22.6	26.6	30.9	33.7	35.9	37.3
Tactical programs	5.2	6.1	6.9	7.3	7.9	9.1	10.3	11.0	12.2
Strategic programs	2.2	3.4	4.6	5.8	7.9	8.2	7.5	7.7	7.4
Intelligence and communications	1.2	1.6	2.2	2.7	3.4	4.0	4.5	4.7	4.9
Advanced technology development	.6	.6	.8	.8	1.4	2.8	4.1	5.0	5.4
Defensewide mission support	1.9	2.1	2.5	2.8	3.0	3.8	4.1	4.2	4.1
Technology base	2.3	2.6	2.9	3.2	3.1	3.1	3.2	3.2	3.3
Other DOD military	.5	.6	.6	.7	.7	.6	1.0	.9	.6
Atomic energy defense activities (DOE) [1 2]	1.1	1.3	1.5	1.6	1.9	2.3	2.3	2.3	2.4
Weapons research, development, and testing	.6	.8	.9	.9	1.3	1.5	1.5	1.5	1.6
Naval reactors development	.2	.3	.3	.3	.4	.4	.5	.5	.5

[1] Includes other programs not shown separately. [2] Department of Energy.

Source: U.S. National Science Foundation, *Federal R&D Funding by Budget Function,* annual.

No. 531. Military Prime Contract Awards to All Businesses, by Program: 1980 to 1987

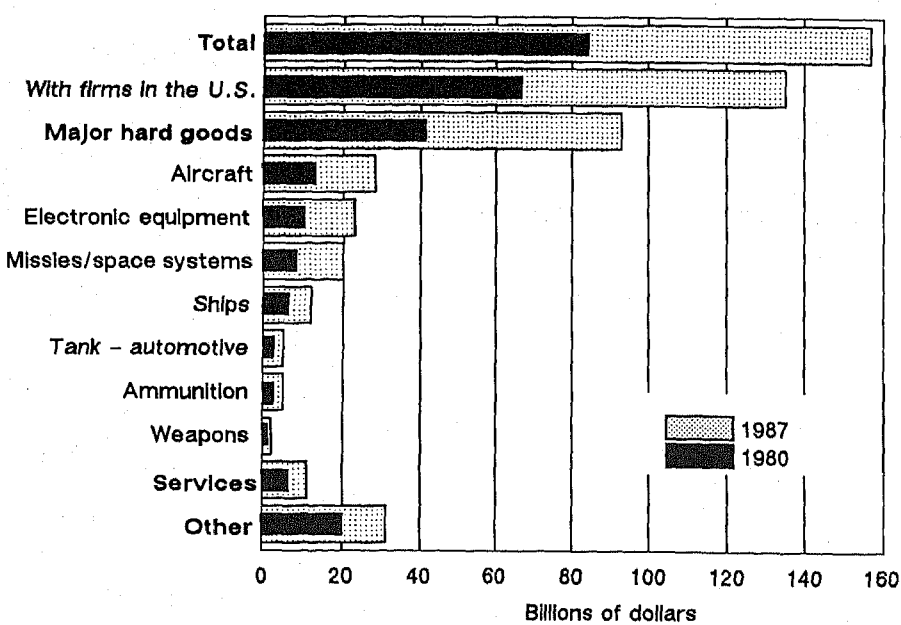
[In billions of dollars. Net values for fiscal year ending in year shown; see text, section 9. Includes all new prime contracts; debit or credit changes in contracts are also included. Actions cover official awards, amendments, or other changes in prime contracts to obtain military supplies, services, 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	1981	1982	1983	1984	1985	1986	1987			
								Total	Percent small business [1]	Percent women owned	Small disadvantaged businesses
Total	83.7	105.2	124.7	140.5	146.0	163.7	158.8	156.5	(NA)	(NA)	(NA)
Intragovernmental [2]	10.2	9.8	12.8	9.9	10.1	12.4	9.9	8.8	(NA)	(NA)	(NA)
For work outside the U.S.	5.4	6.6	7.5	7.2	8.3	8.6	9.1	8.9	(NA)	(NA)	(NA)
Educational and non-profit institutions	1.5	1.7	2.0	2.2	2.7	3.1	3.4	3.5	(NA)	(NA)	(NA)
With business firms for work in the *United States* [3]	66.7	87.2	102.5	121.1	124.9	139.6	136.5	135.3	19.7	.6	2.5
Major hard goods	41.0	53.3	67.9	80.8	86.3	98.1	92.8	93.0	7.7	.3	1.0
Aircraft	12.5	16.5	21.1	26.3	29.2	34.6	32.3	27.7	4.7	.2	.5
Electronics and communication equipment	9.6	11.7	14.2	16.7	19.7	22.0	19.7	22.6	9.4	.3	1.8
Missiles and space systems	7.9	10.2	12.7	14.7	16.7	18.7	19.4	19.8	3.9	.2	.7
Ships	6.0	7.4	9.6	12.8	9.4	10.4	9.4	11.5	12.9	.3	1.0
Tank-automotive	2.1	3.8	4.4	4.7	5.0	5.2	5.2	4.9	14.6	.5	.6
Ammunition	1.9	2.1	3.6	3.2	4.0	4.7	4.5	4.6	9.6	.7	.7
Weapons	1.1	1.5	2.3	2.4	2.4	2.6	2.3	2.1	15.7	.6	1.4
Services	5.9	5.8	7.9	10.4	8.5	9.1	10.4	11.0	31.4	2.2	9.1
All other	19.8	28.0	26.7	29.9	30.1	32.3	33.2	31.3	51.2	2.0	4.5

NA Not available. [1] Covers firms not dominant in their fields of operation and employing fewer than 1,000, 750, or 500 persons, depending on industry classifications. For certain types of firms, other criteria are used, such as yearly gross sales. [2] Covers only purchases from other Federal agencies and reimbursable purchases on behalf of foreign governments. [3] Includes Department of Defense contracts awarded for work in U.S. possessions, Commonwealth of Puerto Rico, Trust Territories of the Pacific, 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.

Figure 11.3
Military Contract Awards: 1986



Source: Chart prepared by U.S. Bureau of the Census. For data see table 531.

No. 532. Department of Defense Contract Awards, Payroll, Civilian and Military Personnel—States: 1985 to 1987

[For years ending **Sept. 30. Contracts** refer to awards made in year specified; expenditures relating to awards may extend over several years. **Payroll** estimates cover active duty military and direct hire civilian personnel, including Army Corps of Engineers. **Civilian employees** represent direct hire civilian employees; excluded are those who are not subject to Office of Management and Budget ceiling controls, such as summer aides. **Military personnel** in each department include a number of personnel in a transient status. These personnel are in a travel, proceed, leave enroute, or temporary duty status while on permanent change of station (PCS) orders. The Navy and Air Force report these personnel at their location prior to their arrival at their new permanent duty location. The Army includes these personnel in one category entitled "Undistributed," which also includes personnel for which an exact location is undetermined]

STATE	CONTRACT AWARDS [1] (mil. dol.)			PAYROLL (mil. dol.)			CIVILIAN EMPLOYEES (1,000)			MILITARY PERSONNEL (1,000)		
	1985	1986	1987	1985	1986	1987	1985	1986	1987	1985	1986	1987
U.S., total	**140,096**	**136,026**	**133,262**	**54,633**	**59,456**	**60,331**	**[2] 976.2**	**[2] 963.9**	**979.3**	**[3] 1,366.9**	**[3] 1,427.6**	**1,377.4**
AL	1,418	1,604	1,661	1,220	1,352	1,301	27.3	26.8	27.4	23.1	23.3	23.8
AK	550	565	555	530	541	604	5.0	5.0	5.5	20.4	21.0	22.1
AZ	2,006	2,632	3,211	654	754	793	10.4	10.6	10.7	20.7	25.8	24.9
AR	810	887	738	297	362	322	4.8	4.9	5.0	9.7	9.9	9.8
CA	29,115	27,736	24,515	8,910	9,475	9,568	137.9	135.2	137.7	204.8	209.0	206.5
CO	1,563	1,897	2,716	975	1,091	1,090	14.1	14.1	14.5	36.9	43.0	42.7
CT	5,543	5,441	5,031	392	414	419	5.0	5.0	4.9	6.5	7.2	7.2
DE	261	224	198	124	129	132	1.8	1.8	1.9	4.7	4.8	4.8
DC	1,104	957	1,272	842	923	924	16.9	16.8	17.2	12.7	13.1	13.0
FL	5,271	5,664	5,797	2,637	2,867	3,623	33.0	32.0	33.3	73.1	74.7	75.7
GA	3,520	3,764	3,512	2,015	2,186	2,245	40.4	39.9	40.2	64.4	63.6	62.9
HI	626	563	461	1,750	1,775	1,757	21.3	20.8	20.7	47.0	44.2	45.4
ID	50	63	74	126	142	140	1.3	1.3	1.4	5.6	5.8	5.9
IL	1,693	1,735	1,924	1,317	1,621	1,340	22.7	22.1	22.1	40.9	42.1	37.3
IN	3,177	2,490	2,231	504	544	565	15.4	15.2	15.2	6.6	6.9	6.5
IA	590	580	600	48	64	54	1.5	1.5	1.5	.4	.4	.4
KS	2,139	1,955	1,245	559	637	691	7.0	7.1	7.3	23.6	22.5	23.1
KY	506	557	462	967	1,046	1,083	14.8	14.2	14.3	40.8	38.8	39.2
LA	2,175	1,498	1,685	632	757	730	9.3	9.3	9.1	25.7	25.4	25.2
ME	957	584	830	249	432	433	10.6	10.1	10.6	5.4	5.9	5.8
MD	4,608	4,537	4,752	1,905	2,036	2,103	43.3	42.3	43.5	35.7	35.3	35.7
MA	7,714	8,735	8,685	517	543	541	12.3	12.2	12.1	9.4	9.2	9.4
MI	2,789	2,353	1,866	540	556	550	12.2	12.7	12.9	8.8	8.9	9.3
MN	2,298	2,355	2,426	96	132	102	2.8	2.9	2.9	.9	.9	.9
MS	1,310	1,634	1,474	651	947	690	11.6	11.3	11.5	16.0	18.0	17.5
MO	7,613	5,548	5,997	786	924	862	21.0	21.0	20.9	16.1	15.5	15.7
MT	102	62	93	97	106	105	1.2	1.3	1.3	3.7	3.9	4.0
NE	193	226	257	379	468	411	3.8	4.0	4.0	12.8	13.2	13.5
NV	128	141	232	227	231	244	2.1	2.0	2.2	9.7	10.0	10.0
NH	678	471	469	290	157	133	1.8	1.6	1.5	4.1	4.0	4.1
NJ	3,862	3,226	3,283	1,104	1,072	1,185	29.0	27.6	28.7	19.0	20.5	19.7
NM	492	565	584	566	629	635	9.8	9.9	10.1	16.4	16.8	16.6
NY	10,033	9,908	9,625	850	956	993	18.8	19.7	19.5	22.0	22.7	27.0
NC	1,029	1,049	1,243	2,187	2,179	2,311	16.3	16.1	16.2	98.7	96.1	94.8
ND	207	229	158	238	250	246	1.8	1.8	1.9	11.3	11.1	11.2
OH	4,648	5,201	4,550	1,253	1,301	1,292	34.3	34.4	34.1	13.8	11.7	11.8
OK	602	775	608	1,165	1,308	1,305	26.8	27.3	26.1	31.1	30.7	30.8
OR	256	340	287	112	219	118	3.1	3.1	3.2	.8	.8	.8
PA	4,149	4,192	3,845	1,567	1,703	1,694	55.7	53.4	57.3	6.7	6.6	6.6
RI	431	394	478	247	267	269	4.7	4.5	4.6	4.0	4.1	3.9
SC	490	521	571	1,593	1,678	1,690	20.5	20.2	20.7	44.4	47.0	44.6
SD	78	128	58	126	157	164	1.4	1.4	1.5	5.9	6.1	6.7
TN	793	1,157	986	370	456	389	7.3	7.5	7.7	11.0	10.4	10.5
TX	10,562	10,940	8,654	3,958	4,147	4,381	66.6	63.6	67.0	127.2	135.3	135.1
UT	789	714	1,183	701	735	721	23.6	23.3	22.3	6.2	6.0	6.0
VT	163	124	113	17	20	19	.6	.6	.6	.1	.1	.1
VA	6,167	5,402	7,807	6,405	6,993	7,216	107.2	106.1	108.6	96.6	98.3	100.0
WA	3,559	2,525	3,112	1,698	1,855	1,880	29.5	28.5	29.8	43.7	42.3	43.3
WV	90	105	150	51	97	58	1.6	1.6	1.6	.4	.4	.4
WI	1,065	981	951	98	120	107	3.2	3.3	3.3	.9	.9	.9
WY	125	92	47	92	102	103	1.1	1.1	1.2	3.7	4.1	4.1

[1] Military awards for supplies, services, and construction. Net value of contracts of over $25,000 for work in each State and DC. 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 in which the subcontracted work is done. See also headnote, table 531. [2] Includes undistributed civilians. [3] Includes undistributed military personnel.

Source: U.S. Dept. of Defense, *Prime Contract Awards by State*, annual, *Distribution of Personnel by State—by Selected Locations*, annual; and *Atlas/Data Abstract for the United States and Selected Areas*, annual.

No. 533. Worldwide Military Expenditures: 1975 to 1985

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

Country group	Military expenditures (bil. dol.)											Per capita (dol.)	
	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1980	1985
CURRENT DOLLARS													
Worldwide, total [1]	**363.4**	**389.2**	**420.8**	**461.5**	**509.8**	**578.3**	**654.6**	**730.9**	**780.6**	**827.5**	**880.2**	**130**	**181**
United States	91.0	91.0	100.9	109.2	122.3	144.0	169.9	196.4	217.2	237.1	265.8	632	1,111
Percent of total	25.0	23.4	24.0	23.7	24.0	24.9	26.0	26.9	27.8	28.7	30.2	(x)	(x)
Developed countries [2]	289.2	305.1	332.9	363.2	402.6	458.2	516.0	572.6	615.9	657.9	706.9	422	629
Developing countries [2]	74.2	84.1	87.9	98.3	107.2	120.1	138.6	158.3	164.7	169.6	173.3	36	46
NATO countries [3]	133.1	137.0	151.0	164.4	183.0	212.3	246.1	280.0	306.3	331.0	364.7	367	608
Warsaw Pact countries	150.0	161.1	174.1	189.6	208.7	232.9	256.1	277.8	292.3	308.7	322.5	620	826
Soviet Union	128.0	138.0	149.0	163.0	180.0	201.0	221.0	237.0	250.0	264.0	275.0	755	986
CONSTANT (1984) DOLLARS													
Worldwide, total [1]	**660.2**	**664.9**	**673.9**	**688.4**	**699.0**	**726.8**	**750.5**	**787.4**	**809.7**	**827.5**	**853.0**	**163**	**175**
United States	165.2	155.5	161.6	163.0	167.7	181.0	194.8	211.6	225.3	237.1	257.6	795	1,076
Percent of total	25.0	23.4	24.0	23.7	24.0	24.9	26.0	26.9	27.8	28.7	30.2	(x)	(x)
Developed countries [2]	525.4	521.2	533.1	541.8	552.0	575.9	591.6	616.9	638.9	657.9	685.1	531	610
Developing countries [2]	134.8	143.7	140.8	146.6	146.9	150.9	158.9	170.6	170.8	169.6	167.9	45	45
NATO countries [3]	241.8	234.0	241.8	245.3	250.9	266.8	282.2	301.6	317.7	331.0	353.4	461	589
Warsaw Pact countries	272.5	275.2	278.8	282.9	286.1	292.7	293.6	299.3	303.2	308.7	312.5	779	800
Soviet Union	232.5	235.7	238.6	243.2	246.8	252.6	253.4	255.3	259.3	264.0	266.5	948	956
PERCENT OF GNP													
Worldwide, total	**6.2**	**6.0**	**5.8**	**5.7**	**5.6**	**5.7**	**5.8**	**6.1**	**6.2**	**6.0**	**6.1**	(x)	(x)
United States	5.7	5.1	5.1	4.9	4.9	5.3	5.6	6.2	6.4	6.3	6.6	(x)	(x)
Developed countries [2]	6.1	5.8	5.7	5.6	5.5	5.7	5.8	6.0	6.1	6.0	6.1	(x)	(x)
Developing countries [2]	6.9	6.9	6.4	6.4	6.1	5.9	6.1	6.5	6.5	6.2	6.0	(x)	(x)
NATO countries [3]	4.8	4.4	4.4	4.3	4.2	4.5	4.7	5.1	5.2	5.2	5.4	(x)	(x)
Warsaw Pact countries [4]	11.4	11.1	10.9	10.7	10.8	10.9	10.8	10.8	10.7	10.7	10.7	(x)	(x)
Soviet Union [4]	13.7	13.3	13.0	12.8	12.9	13.0	12.9	12.7	12.6	12.6	12.5	(x)	(x)

X Not applicable. [1] Includes countries not shown separately. [2] Twenty-eight developed countries; see table 534 for selected countries; for complete list see source. [3] North Atlantic Treaty Organization. [4] 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. 534. Arms Trade in Constant (1984) Dollars—Selected Countries: 1984 to 1986

[In millions of dollars, except percent]

Country	1984	1985	1986	
			Total	Arms imports as percent of total imports
Arms trade, world total [1]	**50,080**	**42,030**	**34,620**	**1.7**
EXPORTERS				
Canada	190	184	113	.1
China: Mainland	2,000	556	1,036	.4
Czechoslovakia	900	1,355	1,036	2.1
France	4,100	4,451	3,579	.1
Poland	975	1,064	1,036	3.1
Soviet Union	18,000	14,800	16,950	1.2
United Kingdom	1,500	798	659	.5
United States	10,600	11,900	7,157	.1
West Germany	2,800	605	386	.1
IMPORTERS				
Developed [1]	**9,140**	**10,290**	**6,959**	**.4**
Australia	575	895	753	3.1
Canada	300	87	113	.1
Czechoslovakia	550	581	433	2.1
East Germany	725	798	494	1.9
Hungary	200	68	94	.6
Italy	210	223	160	.2
Japan	950	968	636	.5
Poland	320	677	612	3.1
Romania	90	29	301	3.0
Soviet Union	1,200	1,064	1,036	1.2
United Kingdom	850	653	541	.5
United States	470	581	424	.1
West Germany	500	1,645	245	.1

Country	1984	1985	1986	
			Total	Arms imports as percent of total imports
RECIPIENT COUNTRIES				
Developing [1]	**40,940**	**31,740**	**27,660**	**6.1**
Afghanistan	650	508	565	(NA)
Algeria	775	445	541	6.8
Angola	1,500	750	1,130	85.7
Argentina	450	174	28	.6
Cuba	1,400	2,032	1,413	15.5
Egypt	1,600	1,355	777	9.2
El Salvador	80	87	75	(NA)
Ethiopia	1,200	774	292	29.9
Greece	280	281	104	1.0
India	1,100	2,225	2,637	18.3
Iran	2,400	1,645	1,695	17.4
Iraq	9,500	3,870	4,614	52.7
Israel	775	968	424	4.2
Jordan	230	605	311	13.6
Kuwait	450	290	122	2.2
Libya	2,000	1,548	1,130	25.9
Morocco	210	106	75	2.1
Nicaragua	350	261	541	66.5
North Korea	120	348	386	(NA)
Oman	310	97	9	(NA)
Pakistan	575	464	273	5.4
Peru	130	68	141	5.3
Saudi Arabia	3,100	3,580	2,731	(NA)
South Korea	430	416	471	1.6
Spain	140	145	179	.5
Syria	2,100	1,451	1,036	(NA)
Turkey	490	406	565	5.4
Venezuela	370	474	75	.8
Vietnam	1,300	1,064	1,507	(NA)
Yemen (Sanaa)	80	213	226	(NA)

NA Not available. [1] Includes countries not shown separately.

Source of tables 533 and 534: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual.

No. 535. Arms Transfers–Cumulative Value for Period 1982–1986, by Major Supplier and Recipient Country

[In millions of dollars]

Recipient	Total [1]	Supplier							
		Soviet Union	United States	France	United Kingdom	West Germany	China: Mainland	Poland	Czechoslovakia
World, total [1]	**224,425**	**87,370**	**51,460**	**20,440**	**6,875**	**6,545**	**6,450**	**5,080**	**4,770**
NATO	22,900	90	16,945	260	1,405	1,990	–	–	5
Warsaw Pact	18,155	10,880	–	10	5	20	10	3,470	1,820
OPEC	77,620	23,750	7,620	13,785	2,385	1,225	4,825	885	1,830
Africa [1]	**31,290**	**19,030**	**1,440**	**2,260**	**705**	**325**	**525**	**150**	**1,450**
Algeria	3,730	3,100	220	100	160	80	–	–	10
Angola	5,345	4,900	–	50	–	–	–	10	5
Ethiopia	3,930	3,800	–	–	–	–	–	–	20
Libya	10,160	4,800	–	625	5	70	320	140	1,400
Morocco	1,000	–	280	440	–	–	–	–	–
Mozambique	1,340	1,300	–	–	–	–	–	–	–
Nigeria	1,705	90	140	290	360	80	–	–	10
Sudan	470	–	160	30	10	40	70	–	–
East Asia [1]	**23,730**	**9,670**	**10,410**	**285**	**350**	**325**	**285**	**270**	**–**
China: Mainland	705	310	80	80	100	5	–	–	–
Taiwan	2,500	–	2,200	10	–	–	–	–	–
North Korea	1,410	850	–	20	–	–	250	140	–
Malaysia	1,300	–	320	30	30	200	–	–	–
South Korea	2,160	–	2,100	10	10	–	–	–	–
Thailand	1,040	–	725	5	10	10	30	–	–
Vietnam	6,935	6,800	–	–	–	–	–	130	–
South Asia [1]	**14,370**	**9,350**	**1,495**	**1,535**	**565**	**135**	**380**	**220**	**100**
Afghanistan	2,580	2,500	–	–	–	–	–	–	50
India	9,275	6,800	90	1,300	525	130	–	220	30
Pakistan	2,225	–	1,400	230	20	5	240	–	20
Europe, NATO [1]	**18,635**	**90**	**15,170**	**250**	**455**	**1,530**	**–**	**–**	**5**
Belgium	1,580	–	1,500	70	–	–	–	–	–
Denmark	535	–	500	20	5	–	–	–	–
France	730	–	550	–	140	–	–	–	–
Greece	1,580	90	775	–	–	220	–	–	5
Italy	880	–	875	5	–	–	–	–	–
Netherlands	2,535	–	2,200	5	20	310	–	–	–
Norway	1,210	–	850	10	20	60	–	–	–
Turkey	2,460	–	1,300	30	220	850	–	–	–
United Kingdom	3,270	–	3,200	60	–	–	–	–	–
West Germany	3,455	–	3,200	30	50	–	–	–	–
Europe, Warsaw Pact [1]	**18,155**	**10,880**	**–**	**10**	**5**	**20**	**10**	**3,470**	**1,820**
Bulgaria	2,650	2,400	–	–	–	20	–	210	10
Czechoslovakia	2,240	2,100	–	–	–	–	–	30	–
East Germany	3,430	2,800	–	–	–	–	–	410	50
Hungary	770	420	–	–	–	–	–	120	140
Poland	3,030	2,700	–	–	–	–	–	–	180
Soviet Union	5,500	–	–	–	–	–	–	2,700	1,400
Europe, other [1]	**3,995**	**590**	**2,140**	**345**	**340**	**55**	**–**	**–**	**60**
Spain	1,155	–	725	310	10	50	–	–	–
Sweden	435	–	320	5	80	5	–	–	–
Switzerland	1,035	–	875	20	–	–	–	–	–
Yugoslavia	650	440	100	–	–	–	–	–	–
Latin America [1]	**17,160**	**8,120**	**1,695**	**790**	**100**	**2,370**	**–**	**135**	**405**
Argentina	1,960	–	60	80	–	1,400	–	–	–
Chile	550	–	–	300	60	130	–	–	–
Colombia	900	–	110	–	5	675	–	–	–
Cuba	7,830	6,400	–	–	–	–	–	130	400
Ecuador	630	–	50	70	20	–	–	–	–
Peru	880	310	120	170	–	110	–	–	–
Venezuela	1,275	–	575	30	–	40	–	–	–
Middle East [1]	**89,710**	**29,640**	**14,695**	**14,925**	**3,155**	**1,225**	**5,250**	**835**	**990**
Egypt	7,640	80	3,200	1,500	300	5	625	–	–
Iran	8,405	240	10	40	80	–	1,200	20	30
Iraq	31,740	15,300	–	4,500	70	625	3,300	525	410
Israel	3,700	–	3,700	–	–	–	–	–	–
Jordan	3,355	1,100	725	825	575	–	10	–	–
Kuwait	1,120	220	230	420	20	210	–	–	–
Saudi Arabia	16,715	–	6,100	6,800	1,200	90	–	–	–
Syria	10,830	9,600	–	20	10	10	110	220	550
Yemen (Sanaa)	1,485	1,300	50	–	–	5	–	70	–
North America	**3,490**	**–**	**1,000**	**10**	**950**	**460**	**–**	**–**	**–**
Canada	1,020	–	1,000	–	–	–	–	–	–
United States	2,470	–	–	10	950	460	–	–	–

– Represents zero. [1] Includes countries not shown separately.

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

No. 536. Arms Delivered by Selected Supplier and Major Weapon Type: 1982–1986

[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, Greece, Malta, Spain, Turkey, and Yugoslavia]

TYPE OF WEAPON	Total [1]	SUPPLIER						
		Soviet Union	Other Warsaw Pact	United States [2]	France	United Kingdom	Other NATO	China: Mainland
Land armaments: Tanks	12,898	4,345	885	1,833	130	350	155	2,155
Anti-air artillery [3]	6,244	2,175	380	84	–	–	50	1,585
Field artillery [4]	15,905	4,420	260	2,075	110	100	5,340	880
Armored personnel carriers	20,136	8,330	785	3,896	1,175	270	1,390	1,195
Naval craft: Major surface combatants [5]	125	31	4	9	14	12	43	2
Other surface combatants [6]	1,302	109	–	41	879	54	57	21
Submarines	51	9	–	–	–	–	6	4
Missile attack boats	73	19	–	–	10	2	6	18
Aircraft: Combat aircraft (supersonic)	2,492	1,440	25	352	225	60	–	160
Combat aircraft (subsonic)	587	105	–	167	45	70	–	85
Other aircraft [7]	1,846	360	245	91	85	50	375	25
Helicopters	1,751	905	120	201	275	20	135	–
Missiles (surface-to-air)	27,593	15,540	5,000	2,448	495	1,625	65	245

– Represents zero. [1] Includes other countries not shown separately. [2] United States data are by fiscal years 1982 to 1986, while other suppliers' data are by calendar years 1982 to 1986. [3] Air defense artillery includes weapons over 23 millimeters. [4] Field artillery includes mobile rocket launchers mortars, and recoilless rifles over 100 millimeters. [5] Major surface combatants include aircraft carriers, cruisers, destroyers, destroyer escorts, and frigates. [6] Minor surface combatants include motor torpedo boats, subchasers, and minesweepers. [7] Other aircraft include reconnaissance aircraft, trainers, transports, and utility aircraft.

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

No. 537. 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: [1]										
Current dollars	360,000	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 veterans' benefits [2]	87,629	26,175	17,024	19,273	3,290	–	2,111	28	20	26
Interest, pmts. on war loans [3]	(4)	(4)	(4)	11,000	1,200	(4)	60	20	14	10
Current cost to 1986 [5]	447,629	166,775	67,024	62,973	6,790	(4)	2,441	170	120	120

– Represents zero. [1] Figures are rounded and taken from Claudia D. Goldin, *Encyclopedia of American Economic History*, p. 938. [2] Total cost to Oct. 1, 1986. For World War I and later wars, benefits are actual service-connected figures from 1986 *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. [3] 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. [4] Unknown. [5] 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. 538. U.S. Military Sales and Assistance to Foreign Governments: 1950 to 1987

[**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	1950–1977 [1]	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Military sales agreements	54,493	6,690	11,180	12,645	6,605	17,670	15,023	13,745	11,351	7,030	6,939
Weapons and ammunition	24,453	2,691	3,576	6,358	1,912	7,145	7,949	6,311	3,638	2,370	1,841
Support equipment [2]	6,703	620	2,183	914	949	3,678	1,130	2,034	1,932	703	817
Spare parts and modifications	12,332	1,856	2,251	1,589	2,359	3,561	3,224	2,698	2,562	1,752	1,780
Support services	11,000	1,523	3,171	3,785	1,385	3,281	2,720	2,702	3,219	2,200	2,501
Military construction sales agreements	10,815	647	846	1,596	882	86	723	308	754	70	139
Military sales deliveries [3]	33,047	7,521	7,910	7,212	9,094	10,505	12,987	9,547	8,477	7,980	12,010
Military sales financing	12,080	2,101	5,673	1,950	3,046	3,884	5,107	5,716	4,940	4,947	4,053
Military assistance programs [4]	53,223	210	229	266	250	395	413	700	758	792	931
Military assist. program deliveries [5]	52,672	219	169	435	309	416	173	129	23	27	40
IMET program/deliveries [5]	18,892	28	27	25	28	44	47	52	55	51	56
Students trained (1,000) [5]	489	4	4	4	5	6	7	6	7	6	6

[1] Includes transition quarter, July–September 1976. [2] Includes aircraft, ships, support vehicles, communications equipment, and other supplies. [3] Includes military construction sales deliveries. [4] 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. [5] Includes Military Assistance Service Funded (MASF) program data and Section 506(a) drawdown authority.

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

No. 539. U.S. Military Sales Deliveries to Foreign Governments, by Country: 1950 to 1987

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

Country	Military sales deliveries [1]						Percent change			
	1950–1982 [2]	1983	1984	1985	1986	1987	1983–1984	1984–1985	1985–1986	1986–1987
Total [3]	**75,286.9**	**12,987.2**	**9,547.5**	**8,476.9**	**7,979.6**	**12,010.3**	**−26.5**	**−11.2**	**−5.9**	**50.5**
Australia	2,111.4	322.2	398.2	428.3	370.1	619.4	23.6	7.6	−13.6	67.4
Belgium	1,189.8	273.0	195.6	119.4	27.8	27.0	−28.4	−39.0	−76.7	−2.9
Canada	1,588.9	110.6	139.2	73.3	114.4	128.7	25.9	−47.3	56.1	12.5
China: Taiwan	1,964.9	389.2	274.9	339.5	249.0	387.1	−29.4	23.5	−26.7	55.5
Denmark	794.7	158.6	40.3	47.4	25.2	62.8	−74.6	17.6	−46.8	149.2
Egypt	1,621.0	1,010.4	317.1	580.3	619.5	1,141.9	−68.6	83.0	6.8	84.3
El Salvador	22.9	28.1	77.0	114.8	108.3	80.3	174.0	49.1	−5.7	−25.9
France	404.0	14.1	*45.3*	*45.5*	142.7	*100.5*	*221.3*	.4	*213.6*	−29.6
Greece	1,590.8	156.7	104.9	119.1	73.7	86.8	−33.1	13.5	−38.1	17.8
Indonesia	220.2	28.9	15.7	17.8	12.8	24.3	−45.7	13.4	−28.1	89.8
Israel	8,020.8	260.7	216.1	483.1	195.8	1,374.3	−17.1	123.6	−59.5	601.9
Italy	802.0	26.3	54.0	54.9	65.7	89.6	*105.3*	1.7	19.7	36.4
Japan	1,175.6	385.5	333.3	389.7	151.3	306.2	−13.5	16.9	−61.2	102.4
Jordan	964.7	260.8	77.0	122.8	62.8	64.8	−70.5	59.5	−48.9	3.2
Kuwait	668.8	72.2	48.7	34.0	71.9	83.1	−32.5	−30.2	111.5	15.6
Morocco	537.5	50.2	68.6	49.5	37.1	43.3	36.7	−27.8	−25.1	16.7
Netherlands	1,466.1	516.6	402.4	339.4	319.6	459.8	−22.1	−15.7	−5.8	43.9
Norway	1,021.9	254.2	191.4	30.0	43.2	92.3	−24.7	−84.3	44.0	113.7
Pakistan	545.7	255.6	452.9	358.0	148.2	135.2	77.2	−21.0	−58.6	−8.8
Philippines	176.2	10.6	13.8	16.0	37.3	33.8	30.2	15.9	133.1	−9.4
Portugal	29.2	12.5	25.5	97.5	26.5	27.8	104.0	282.4	−72.8	4.9
Saudi Arabia	17,956.6	5,990.5	3,403.3	2,270.7	2,789.6	3,497.0	−43.2	−33.3	22.9	25.4
Singapore	219.3	83.4	32.8	22.4	134.9	163.2	−60.7	−31.7	502.2	21.0
South Korea	2,036.2	297.8	258.0	258.3	387.5	403.9	−13.4	.1	50.0	4.2
Spain	891.0	68.1	66.0	92.8	236.0	753.0	−3.1	40.6	154.3	219.1
Sudan	155.1	12.3	24.6	*25.3*	27.7	*27.1*	*100.0*	*2.8*	*9.5*	*−2.2*
Thailand	861.4	160.1	164.8	118.9	118.5	100.7	2.9	−27.9	−.3	−15.0
Tunisia	96.2	24.7	84.7	154.8	26.0	44.3	242.9	82.8	−83.2	70.4
Turkey	978.3	150.2	306.0	389.7	290.3	296.1	103.7	27.4	−25.5	2.0
United Kingdom	3,119.9	478.3	446.7	386.4	363.8	228.4	−6.6	−13.5	−5.8	−37.2
Venezuela	264.4	32.8	*136.5*	243.2	80.3	51.1	316.2	78.2	*−67.0*	*−36.4*
West Germany	7,144.0	322.6	336.1	222.2	206.3	344.3	4.2	−33.9	−7.2	66.9

[1] Includes military construction sales deliveries. [2] Includes transactions for the transition quarter, July–September 1976. [3] Includes countries not shown.

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

No. 540. Summary of Major Military Forces: 1980 to 1988

[As of **September 30**]

Category	1980	1981	1982	1983	1984	1985	1986	1987	1988
Strategic forces:									
Land-based ICBMs	1,054	1,053	1,053	1,042	1,037	1,028	1,013	1,005	1,000
Sea-launched BMs	576	600	592	568	640	648	640	640	674
Strategic bombers	413	410	410	356	328	328	347	389	423
Strategic interceptors	292	279	261	261	266	264	264	252	252
General purpose forces (active):									
Army Divisions	16	16	16	16	16	17	18	18	18
Marine Corps Divisions	3	3	3	3	3	3	3	3	3
Air Force Tactical Aircraft	3,813	3,991	4,133	4,303	4,352	4,406	4,461	4,396	4,470
Navy/Marine Corps Tactical Aircraft	2,013	2,029	1,968	1,929	1,905	1,970	1,974	1,982	1,962
Naval forces:									
Aircraft carriers	13	12	13	13	13	13	13	14	14
Battleships	–	–	–	1	2	2	3	3	3
Nuclear attack submarines	74	82	91	93	94	96	97	98	96
Other warships	180	188	197	191	197	204	204	206	195
Amphibious assaults [1]	63	59	59	61	59	60	60	61	62
Airlift and sealift forces:									
C–5 aircraft (PAA)	70	70	70	70	70	70	75	84	102
Other Air Force aircraft (PAA)	820	808	795	782	769	787	789	789	781
Navy and Marine Corps Tactical Support Aircraft (PAA)	88	88	88	88	88	88	88	87	87
Ships (NDRF)	164	173	183	192	202	214	220	221	209

– Represents zero. [1] Excludes reserve forces' amphibious ships.

Source: The Congress of the United States, Congressional Budget Office, *An Analysis of the President's Budgetary Proposals for Fiscal Year 1989.* Data from Dept. of Defense.

No. 541. Active Duty Military Personnel—U.S./Soviet Union Summary: 1980 to 1987

[In thousands, except percents]

ITEM	1980	1981	1982	1983	1984	1985	1986	1987	Net change 1980–1987
Strategic nuclear services:									
United States [1]	140	137	140	139	139	134	130	98	–42
Soviet Union [2]	901	912	775	773	773	773	805	805	–96
Tactical/mobility services:									
United States	1,910	1,944	1,969	2,030	2,046	2,061	2,072	2,067	157
Army	776	781	780	779	781	778	775	775	–1
Navy	506	521	534	538	545	554	561	566	60
Air Force	440	452	463	518	523	531	537	526	86
Marine Corps	188	190	192	195	197	198	199	200	12
Soviet Union	3,289	3,736	3,703	3,805	3,905	3,953	3,963	3,676	387
Ground Forces [3]	2,450	2,882	2,840	2,930	3,020	3,020	3,030	2,800	350
Navy	407	416	418	429	436	463	463	440	33
Air Force [4]	420	425	431	431	433	454	454	420	–
Naval Infantry	12	13	14	15	16	16	16	16	4

– Represents zero. [1] 1986 and 1987 reflect changes in counting rules, not actual reductions. [2] Sudden decreases in 1982 resulted from the Soviet reorganization of its former long-range aviation and air defense forces. [3] Increases in 1981 resulted from reevaluation and Soviet operations in Afghanistan. Decrease in 1987 was a result of reassessment. [4] Reduction in 1987 was due to reassessment.

No. 542. Intercontinental Ballistic Missiles (ICBMs), Submarines, and Bombers—U.S. and Soviet Union Balance: 1980 to 1987

WEAPONS SYSTEM	1980	1981	1982	1983	1984	1985	1986	1987	Net change 1980–1987
ICBMs:									
United States [1]	1,052	1,052	1,049	1,040	1,030	1,017	999	996	–56
Minuteman II	450	450	450	450	450	450	450	450	–
Minuteman III	550	550	550	550	550	550	534	514	–36
Peacekeeper (MX)	–	–	–	–	–	–	10	32	32
Soviet Union	1,398	1,398	1,398	1,398	1,398	1,398	1,418	1,389	–9
SS–11	840	580	550	520	520	448	440	420	–220
SS–13	60	60	60	60	60	60	60	60	–
SS–17	150	150	150	150	150	150	150	145	–5
SS–18	308	308	308	308	308	308	308	308	–
SS–19	240	300	330	360	360	360	360	350	110
Warheads:									
United States	2,152	2,152	2,149	2,140	2,130	2,117	2,157	2,312	160
Soviet Union	5,002	5,302	5,862	6,420	6,420	6,420	6,440	6,400	1,398
Submarine systems:									
SLBMs: [2]									
United States [1]	576	512	520	568	592	600	640	640	64
Trident I	80	112	200	264	288	312	384	384	304
Poseidon	416	384	320	304	304	288	256	256	–160
Soviet Union [1]	985	985	969	961	946	931	967	969	–16
SS–N–6	464	416	384	368	336	304	272	256	–208
SS–N–8	292	292	292	292	292	292	292	286	–6
SS–N–17	12	12	12	12	12	12	12	12	–
SS–N–18	160	206	224	224	224	224	224	224	64
Warheads:									
United States	4,880	4,752	4,800	5,152	5,344	5,376	5,632	5,632	752
Soviet Union	1,625	1,817	1,865	1,957	2,122	2,307	2,695	2,941	1,316
Bombers:									
United States [1]	376	376	355	297	297	297	312	363	–13
B–1B	–	–	–	–	–	–	26	81	81
B–52G	151	151	151	151	151	151	150	150	–1
B–52H	90	90	90	90	90	90	84	84	–6
FB–111	60	60	56	56	56	56	52	48	–12
Soviet Union [1]	220	235	245	260	300	325	325	326	106
Tu–95 BEAR	100	100	100	100	100	100	100	100	–
Tu–95 BEAR–H	–	–	–	–	25	50	50	60	60
Tu–22M Backfire	75	90	100	115	130	145	160	165	90

– Represents zero. X Not applicable. [1] Includes weapons not shown separately. [2] Submarine-launched ballistic missile.

Source of tables 541 and 542: The Congress of the United States, Congressional Research Service, *U.S./Soviet Military Balance, Statistical Trends, 1980–1987*, April 15, 1988.

NO. 543. DEPARTMENT OF DEFENSE MANPOWER: 1950 TO 1988

[In thousands, except as indicated. For fiscal year ending in year shown]

YEAR	Total defense manpower	Defense related employment in industry	Total DOD manpower [1]	ACTIVE DUTY MILITARY						MILITARY RETIREES	
				Personnel					Payroll total [4] (bil. dol.)	Number (1,000)	Pension payments (bil. dol.)
				Total military [2]	Army	Navy [3]	Marine Corps	Air Force			
1950	2,902	713	2,189	1,459	593	381	74	411	(NA)	133	(NA)
1955	6,953	2,500	4,453	2,935	1,109	661	205	960	(NA)	181	(NA)
1960	6,165	2,460	3,705	2,475	873	617	171	815	(NA)	256	(NA)
1961	6,301	2,600	3,701	2,483	859	626	177	821	(NA)	291	(NA)
1962	6,773	2,725	4,048	2,806	1,066	664	191	884	(NA)	327	(NA)
1963	6,468	2,550	3,918	2,699	976	664	190	869	(NA)	(NA)	(NA)
1964	6,142	2,280	3,862	2,686	973	666	190	857	(NA)	432	(NA)
1965	5,937	2,125	3,812	2,654	969	670	190	825	(NA)	481	(NA)
1966	6,988	2,640	4,348	3,092	1,200	743	262	887	(NA)	525	(NA)
1967	7,876	3,100	4,776	3,375	1,442	750	285	897	(NA)	584	(NA)
1968	8,128	3,174	4,954	3,546	1,570	764	307	905	(NA)	644	2.0
1969	7,767	2,916	4,851	3,458	1,512	774	310	862	(NA)	707	2.2
1970	6,829	2,399	4,430	3,065	1,322	691	260	791	19.4	765	2.5
1971	5,934	2,031	3,903	2,713	1,124	622	212	755	19.2	823	3.1
1972	5,467	1,985	3,482	2,322	811	587	198	726	19.8	881	3.6
1973	5,202	1,850	3,352	2,252	801	564	196	691	20.3	935	4.1
1974	5,132	1,860	3,272	2,162	783	546	189	644	19.9	990	4.9
1975	5,006	1,800	3,206	2,128	784	535	196	613	20.2	1,044	6.1
1976	4,819	1,690	3,129	2,082	779	525	192	585	20.4	1,096	7.3
1977	4,829	1,730	3,099	2,075	782	530	192	571	21.0	1,155	8.2
1978	4,848	1,765	3,083	2,062	772	530	191	570	21.0	1,192	9.0
1979	4,883	1,860	3,023	2,027	759	523	185	559	22.7	1,228	10.3
1980	5,054	1,990	3,064	2,051	777	527	188	558	24.2	1,265	11.9
1981	5,205	2,085	3,120	2,083	781	540	191	570	28.1	1,289	13.7
1982	5,468	2,310	3,158	2,109	780	553	192	583	32.9	1,313	14.9
1983	5,757	2,530	3,227	2,123	780	558	194	592	27.7	1,333	15.9
1984	6,054	2,785	3,269	2,138	780	565	196	597	28.9	1,355	16.4
1985	6,383	3,050	3,333	2,151	781	571	198	602	29.8	1,374	17.0
1986	6,620	3,275	3,345	2,169	781	581	199	608	31.3	1,390	17.8
1987	6,692	3,325	3,367	2,174	781	587	200	607	34.0	1,406	18.9
1988	6,720	3,350	3,370	2,247	781	593	200	599	(NA)	(NA)	(NA)

NA Not available. [1] Includes civil service employees. [2] Beginning 1980, excludes Navy Reserve personnel in active duty for Training and Administration of Reserves (TARS). From 1969, includes the Full-Time Guard and Reserve. [3] Prior to 1980, includes Navy Reserve personnel on active duty for Training and Administration Reserve (TARS). [4] Beginning 1983, data not strictly comparable with earlier years.

Source: U.S. Department of Defense, *National Defense Budget Estimates for FY 1988/1989, April 1988; Atlas Data Abstract for the United States and selected areas;* and *DOD Statistical Report on The Military Retirement System,* annual, and *Selected Manpower Statistics,* annual.

NO. 544. MILITARY PERSONNEL ON ACTIVE DUTY, BY SERVICE: 1975 TO 1987

[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	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total	**2,128**	**2,082**	**2,075**	**2,062**	**2,027**	**2,051**	**2,083**	**2,109**	**2,123**	**2,138**	**2,151**	**2,169**	**2,174**
Percent officers	13.7	13.5	13.3	13.3	13.5	13.5	13.7	13.8	14.1	14.2	14.4	14.3	14.1
Army	784	779	782	772	759	777	781	780	780	780	781	781	781
Officers	103	99	98	98	97	99	102	103	106	108	110	110	108
Enlisted	678	678	680	670	657	674	675	673	669	668	667	667	668
Navy	535	525	530	530	523	527	540	553	558	565	571	581	587
Officers	66	64	63	63	62	63	65	67	68	69	71	72	72
Enlisted	466	458	462	463	457	460	470	481	485	491	495	504	510
Marine Corps	196	192	192	191	185	188	191	192	194	196	198	199	200
Officers	19	19	19	18	18	18	18	19	20	20	20	20	20
Enlisted	177	174	173	172	167	170	172	173	174	176	178	179	179
Air Force	613	585	571	570	559	558	570	583	592	597	602	608	607
Officers	105	100	96	95	96	98	99	102	105	106	108	109	107
Enlisted	503	481	470	470	459	456	467	476	483	486	489	495	495

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

No. 545. Military Personnel on Active Duty, by Location: 1970 to 1987

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

ITEM	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
Total	**2,874**	**2,084**	**2,051**	**2,083**	**2,109**	**2,123**	**2,138**	**2,151**	**2,169**	**2,174**
Shore-based [1]	2,627	1,884	1,840	1,869	1,880	1,889	1,908	1,920	1,929	1,928
Naval afloat [2]	247	200	211	214	229	234	230	231	240	246
United States [3]	1,987	1,630	1,562	1,581	1,580	1,604	1,628	1,636	1,644	1,650
Foreign countries	887	455	488	502	528	519	510	516	526	524

[1] Includes Navy personnel temporarily on shore. [2] Includes Marine Corps. [3] Includes outlying areas.

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

No. 546. Coast Guard Personnel on Active Duty: 1970 to 1987

[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	1983	39,708	6,535	811	32,362
1975	36,788	5,630	1,177	29,981	1984	38,705	6,790	759	31,156
1979	38,559	6,340	806	31,413	1985	38,595	6,775	733	31,087
1980	39,381	6,463	877	32,041	1986	37,284	6,577	754	29,953
1981	39,760	6,519	981	32,260	1987	38,576	6,644	859	31,073
1982	38,248	6,491	902	30,915					

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

No. 547. Vietnam Conflict—U.S. Military Forces in Vietnam, and Casualties: 1957 to 1986

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

ITEM	Unit	1957–1986, total	1957–1964	1965	1966	1967	1968	1969	1970	1971	1972	1973–1986
Military forces	1,000	(X)	[1] 23.3	184.3	385.3	485.6	536.1	475.2	234.6	156.8	24.2	-
Battle deaths [2]	Number	47,378	279	1,432	5,047	9,463	14,623	9,426	4,230	1,376	361	1,141
Killed	Number	38,530	197	1,124	4,142	7,525	12,624	8,117	3,486	1,082	205	28
Died of wounds	Number	5,196	10	111	579	979	1,598	1,168	555	160	28	8
Died while missing [3]	Number	3,652	72	197	326	959	401	141	189	134	128	1,105

- Represents zero. X Not applicable. [1] For 1964 only. [2] Casualties from enemy action. Deaths exclude 10,752 servicemen who died in accidents or from disease. [3] Includes servicemen who died while captured.

Source: National Archives and Records Administration, "Combat Area Casualty File," (3-330-80-3).

No. 548. 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 547 for data on Vietnam conflict. See also *Historical Statistics, Colonial Times to 1970*, series Y 656-903]

ITEM	Unit	Civil War [1]	Spanish-American War	World War I	World War II	Korean conflict	Vietnam conflict
Personnel serving	1,000	2,213	307	4,735	[2] 16,113	[3] 5,720	[4] 8,744
Average duration of service	Months	20	8	12	33	19	23
Service abroad: Personnel serving	Percent	(NA)	[5] 29	53	73	[6] 56	(NA)
Average duration [7]	Months	(NA)	1.5	5.5	16.2	13.4	(NA)
Casualties: [8] Battle deaths	1,000	140	(Z)	53	292	34	[9] 47
Wounds not mortal	1,000	282	2	204	671	103	[9] 153
Draftees: Classified	1,000	777	(X)	24,234	36,677	9,123	[4] 75,717
Examined	1,000	522	(X)	3,764	17,955	3,685	[4] 8,611
Rejected	1,000	160	(X)	803	6,420	1,189	[4] 3,880
Inducted	1,000	46	(X)	2,820	10,022	1,560	[4] 1,759

NA Not available. X Not applicable. Z Fewer than 500. [1] Union forces only. Estimates of the number serving in Confederate forces range from 600,000 to 1.5 million. [2] Covers Dec. 1, 1941, to Dec. 31, 1946. [3] Covers June 25, 1950, to July 27, 1953. [4] Covers Aug. 4, 1964, to Jan. 27, 1973. [5] Army and Marines only. [6] Excludes Navy. Covers July 1950 through Jan. 1955. Far East area only. [7] During hostilities only. [8] For periods covered, see footnotes 2, 3, and 4. [9] Covers Jan. 1, 1961, to Jan. 27, 1973.

Source: 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. 549. Enlisted Military Personnel Accessions: 1980 to 1987

[In thousands. For years ending Sept. 30]

BRANCH OF SERVICE	1980	1985	1986	1987	BRANCH OF SERVICE	1980	1985	1986	1987
Total	**582**	**529**	**551**	**534**	**Navy**	**127**	**117**	**123**	**117**
First enlistments	356	287	299	280	First enlistments	75	67	70	66
Reenlistments	204	216	226	225	Reenlistments	36	50	53	51
Reserves to active duty	22	26	26	29	**Marine Corps**	**58**	**54**	**55**	**53**
Army	**265**	**200**	**216**	**211**	First enlistments	42	36	35	35
First enlistments	163	117	127	122	Reenlistments	15	19	20	18
Reenlistments	97	84	89	89	**Air Force**	**132**	**132**	**131**	**124**
					First enlistments	76	68	67	56
					Reenlistments	56	64	64	68

Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual; and *Military Manpower Statistics*, quarterly.

No. 550. Reserve Officers Training Corps (ROTC)—Enrollment: 1970 to 1987

[In thousands. For **May**, or **end of school year.** Jr. ROTC refers to enrollment in high schools, academies, junior colleges, and National Defense Cadet Corps schools; includes Jr. ROTC in all service branches]

ITEM	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Senior ROTC	123	56	61	66	76	80	84	91	100	103	99	111	99	93	98
Junior ROTC	126	155	164	158	152	156	144	166	158	191	176	212	216	218	212

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

No. 551. Military Personnel on Active Duty and Monthly Basic Pay: 1984 to 1988

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

RANK/GRADE	PERSONNEL (1,000)				MONTHLY BASIC PAY (dollars)				
	1984	1985	1986	1987	1984	1985	1986 [1]	1987	1988
Total [2]	**2,138.2**	**2,151.0**	**2,169.1**	**2,174.2**	(X)	(X)	(X)	(X)	(X)
Recruit—E-1	129.8	127.6	132.6	110.5	596	620	639	658	671
Private—E-2	137.2	140.6	148.7	160.3	669	695	716	738	753
Pvt. 1st class—E-3	370.1	336.3	328.6	337.2	695	723	745	767	782
Corporal—E-4	422.7	444.4	443.9	447.2	779	810	835	860	876
Sergeant—E-5	350.8	356.2	361.1	363.0	942	980	1,009	1,040	1,060
Staff Sgt.—E-6	231.5	237.8	241.6	245.5	1,250	1,300	1,339	1,379	1,407
Sgt. 1st class—E-7	127.0	131.9	133.4	134.9	1,523	1,584	1,631	1,680	1,714
Master Sgt.—E-8	37.8	38.5	39.0	39.4	1,748	1,818	1,873	1,929	1,968
Sgt. Major—E-9	14.3	15.1	15.5	15.4	2,100	2,184	2,249	2,317	2,363
Warrant Officer—W-1	2.7	2.4	2.2	2.1	1,438	1,495	1,540	1,586	1,618
Chief Warrant—W-4	2.8	3.2	3.3	3.4	2,627	2,732	2,814	2,898	2,956
2d Lt.—O-1	39.5	39.7	39.2	34.5	1,143	1,189	1,224	1,261	1,286
1st Lt.—O-2	41.6	42.7	44.4	45.1	1,438	1,495	1,540	1,586	1,618
Captain—O-3	101.7	104.4	104.7	105.9	2,092	2,176	2,241	2,308	2,354
Major—O-4	52.3	53.3	54.4	53.7	2,648	2,754	2,836	2,921	2,956
Lt. Colonel—O-5	32.6	32.8	32.7	33.0	3,282	3,413	3,516	3,621	3,694
Colonel—O-6	14.6	14.7	14.6	14.6	4,163	4,330	4,460	4,593	4,685
Brig. General—O-7	.5	.5	.5	.5	4,738	4,928	5,075	5,228	5,333
Major General—O-8	.4	.4	.4	.4	5,450	5,667	[3] 5,725	[3] 5,900	[3] 6,042
Lt. General—O-9	.1	.1	.1	.1	[3] 5,500	[3] 5,725	[3] 5,725	[3] 5,900	[3] 6,042
General—O-10	(Z)	(Z)	(Z)	(Z)	[3] 5,500	[3] 5,725	[3] 5,725	[3] 5,900	[3] 6,042

X Not applicable. Z Less than 50. [1] As of October 1985. [2] Includes cadets and midshipmen and warrant officers, W-2 and W-3. [3] Statutory limitation.

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

No. 552. Discharges, Desertion and Absent-Without-Authority Rates for Military Personnel: 1970 to 1987

[For fiscal year ending in year shown; see text, section 9. Rate per 1,000 average end-of-month strength]

YEAR	Total discharges	Honorable [1 2]	General [1 3]	Other than honorable [1 4]	Bad conduct [5 6]	Dishonorable [5 7]	Desertion rate [8]	Absent-without-authority rate [9]
1970	1,136,140	1,081,556	29,334	20,911	3,964	375	33.6	86.3
1975	682,952	603,058	48,999	27,015	3,587	293	26.3	86.6
1980	541,558	499,950	23,541	15,553	2,242	272	17.9	46.8
1982	523,014	466,666	33,294	18,071	4,653	330	10.9	34.3
1983	[10] 531,398	447,511	35,582	23,176	5,757	138	6.7	22.4
1984	[10] 517,897	423,660	32,194	24,883	5,617	268	6.5	20.8
1985	[10] 505,640	426,244	27,639	20,627	4,939	287	6.3	17.1
1986	[10] 512,462	426,931	26,581	21,790	3,198	646	6.2	16.8
1987	[10] 508,135	430,530	22,808	20,083	3,386	675	6.1	16.2

[1] Administrative discharge. [2] Based on proper military behavior and proficient performance of duty; honest and faithful service. [3] Discharge under honorable conditions; satisfactory service; military record not sufficiently meritorious for honorable discharge. [4] Unsatisfactory service (misconduct, security or resignation/request for discharge). [5] Punitive, resulting from trial by court-martial. [6] Usually punishment for repeated convictions of minor offenses or less serious felony type offense. [7] Awarded after conviction of serious offenses usually recognized by civil law as felonies, or of military offenses requiring severe punishment. [8] Absent without authority more than 30 days. [9] For 30 days or less. [10] Includes uncharacterized discharges, not shown separately.

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

No. 553. Military Reserve Personnel: 1970 to 1987

[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	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total reserves	**3,639**	**2,656**	**2,118**	**2,109**	**2,169**	**2,267**	**2,250**	**2,295**	**2,310**	**2,370**	**2,434**	**2,455**
Ready reserve	2,574	1,529	1,144	1,203	1,263	1,317	1,359	1,419	1,491	1,566	1,613	1,620
Standby reserve	492	412	183	103	86	65	52	44	44	44	41	38
Retired reserve	573	715	791	803	821	885	839	832	775	760	780	798
Army	2,221	1,631	1,178	1,173	1,218	1,337	1,360	1,408	1,428	1,481	1,508	1,509
Navy	808	521	435	427	438	436	415	423	425	431	464	471
Air Force	610	504	506	509	514	494	476	463	457	459	462	475

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

No. 554. Military Reserve Costs: 1970 to 1987

[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	1975	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total	**2,547**	**4,769**	**7,049**	**7,977**	**9,870**	**10,370**	**12,073**	**15,544**	**19,439**	**19,631**	**18,961**
Operations and maintenance	994	2,092	2,951	3,526	4,164	4,716	5,137	5,128	5,734	5,770	6,168
Personnel	1,083	1,679	2,031	2,359	3,012	3,776	4,633	3,757	7,704	8,500	8,382
Procurement	187	518	1,506	1,463	1,955	1,008	1,627	5,923	5,003	4,383	3,322
Active-duty support	234	324	389	408	506	556	386	433	591	607	609
Construction	49	176	172	122	233	314	291	303	408	371	480

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

No. 555. National Guard—Summary: 1970 to 1987

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

ITEM	Unit	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
Army National Guard: Units	**Number**	**3,052**	**3,245**	**3,379**	**3,359**	**3,482**	**3,429**	**4,351**	**4,353**	**5,712**	**6,125**
Personnel [1]	1,000	410	403	368	391	409	418	434	438	446	452
Funds obligated [2]	Mil. dol	752	1,322	1,802	2,189	2,708	2,980	3,093	4,387	4,825	4,965
Value of equipment	Mil. dol	1,600	4,100	7,600	8,100	8,600	13,100	14,300	18,800	19,700	22,300
Air National Guard: Units	**Number**	**958**	**1,106**	**1,054**	**1,054**	**1,060**	**1,185**	**1,202**	**1,184**	**1,355**	**1,425**
Personnel [1]	1,000	90	96	97	98	101	102	105	109	113	116
Funds obligated [2]	Mil. dol	467	890	1,678	1,957	2,268	2,478	2,488	2,813	2,809	2,885
Value of equipment (est.) [3]	Mil. dol	(NA)	3,100	5,200	6,000	5,900	6,300	17,500	21,400	26,100	23,668

NA Not available. [1] Officers and enlisted men. [2] Federal funds; includes personnel, operations, maintenance, and military construction. [3] 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. 556. Living Veterans—States and Other Areas: 1970 to 1987

[**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 and state or other area	Total veterans [1]	War veterans							Service between Korea and Vietnam only	Post-Vietnam era [5]
		Total [2]	World War I	World War II [3]	Korean conflict		Vietnam era			
					Total [3 4]	No service in World War II	Total [4]	No service in Korean conflict		
1970	26,976	23,160	1,425	13,887	5,440	4,167	4,100	3,618	3,173	(X)
1980	28,640	23,965	461	11,720	5,434	4,331	8,118	7,453	3,086	1,120
1981	28,583	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	5,195	4,143	8,215	7,578	3,009	2,058
1986	[6] 27,682	[6] 22,017	171	10,076	5,105	4,134	8,264	7,636	3,004	2,283
1987, total	**27,469**	**21,646**	**140**	**9,765**	**5,034**	**4,089**	**8,270**	**7,652**	**2,987**	**2,473**
United States	**27,344**	**21,551**	**140**	**9,736**	**5,000**	**4,058**	**8,236**	**7,619**	**2,975**	**2,456**
Alabama	406	319	2	142	84	67	122	108	43	36
Alaska	71	56	(Z)	14	11	9	34	32	9	6
Arizona	407	324	2	154	75	55	129	113	39	39
Arkansas	267	208	2	98	47	36	80	71	28	27
California	2,844	2,281	14	1,017	574	428	905	820	309	211
Colorado	398	313	2	115	75	58	154	139	44	37
Connecticut	393	314	2	150	74	62	104	99	46	28
Delaware	78	61	(Z)	28	14	11	23	21	8	8
District of Columbia	58	46	(Z)	22	12	9	15	14	5	6
Florida	1,477	1,201	11	654	282	195	404	341	125	124
Georgia	651	500	2	198	121	94	231	206	69	72
Hawaii	101	80	2	32	21	16	37	32	11	9
Idaho	117	91	1	38	20	16	39	36	13	11
Illinois	1,254	986	6	451	218	193	345	336	147	105
Indiana	647	490	3	206	111	98	189	183	75	74
Iowa	335	265	3	110	58	53	102	100	35	32
Kansas	286	230	2	103	52	43	89	82	31	22
Kentucky	368	291	2	129	67	57	110	103	40	31
Louisiana	432	337	2	148	76	61	137	126	46	42
Maine	154	121	1	54	28	23	47	44	16	15
Maryland	530	415	2	183	105	81	164	149	60	49
Massachusetts	685	547	4	275	125	104	172	163	76	55
Michigan	1,023	782	5	326	168	152	306	299	117	113
Minnesota	495	386	3	155	86	76	158	152	60	44
Mississippi	234	183	1	88	46	36	66	58	24	22
Missouri	633	498	4	221	117	98	186	175	68	59
Montana	106	84	1	34	18	15	36	34	12	9
Nebraska	186	147	1	62	36	31	57	53	21	17
Nevada	137	109	(Z)	46	29	22	47	41	17	11
New Hampshire	141	110	1	46	26	21	46	43	16	14
New Jersey	887	706	4	357	164	141	214	204	104	64
New Mexico	172	135	1	57	32	24	59	53	16	18
New York	1,858	1,462	10	731	322	287	444	433	205	163
North Carolina	682	538	3	244	127	104	207	187	69	65
North Dakota	72	56	(Z)	21	12	11	24	23	9	7
Ohio	1,302	1,007	6	458	217	191	365	353	144	136
Oklahoma	401	322	2	136	74	57	138	126	41	32
Oregon	350	278	2	117	57	46	118	112	39	29
Pennsylvania	1,524	1,209	7	601	262	225	389	375	171	125
Rhode Island	120	97	1	49	22	18	32	30	11	10
South Carolina	351	275	1	120	68	52	118	101	38	35
South Dakota	79	62	1	26	15	14	22	21	9	8
Tennessee	524	410	2	177	92	77	167	154	56	51
Texas	1,785	1,401	7	574	322	249	632	572	191	169
Utah	154	124	1	51	28	22	53	50	17	12
Vermont	84	48	(Z)	20	11	9	20	19	7	7
Virginia	669	523	2	229	144	103	225	189	71	66
Washington	591	469	3	188	113	83	217	195	66	50
West Virginia	224	178	1	83	38	32	66	62	23	20
Wisconsin	585	432	4	180	93	83	169	165	72	56
Wyoming	59	47	(Z)	16	10	9	23	22	7	5
Puerto Rico	125	95	(Z)	30	35	32	35	33	12	17

X Not applicable. Z Fewer than 500. [1] Beginning 1980, 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. [2] Veterans who served in both World War II and the Korean conflict, or in both the Korean conflict and the Vietnam era, are counted only once. [3] Includes 945,000 who served in both World War II and the Korean conflict. [4] Includes 818,000 who served in both the Korean conflict and the Vietnam era. [5] Service only after May 7, 1975. [6] There are also 3 living Spanish-American War veterans whose median age is 102 years, and 60 living Mexican Border conflict veterans.

Source: U.S. Veterans Administration, Office of Information Management and Statistics, *Veteran Population September 30, 1987,* December, 1987, RCS 70-0561.

No. 557. Veterans Living in the U.S. and Puerto Rico, by Age and Period of Service: 1987

[**In thousands, except as indicated. As of Sept. 30.** Estimated. Excludes 453,000 veterans whose only active duty military service occurred since Sept. 30, 1980. See headnote, table 556. See also *Historical Statistics, Colonial Times to 1970,* series Y 943-956, for all veterans]

AGE	Total veterans	WARTIME VETERANS							PEACETIME VETERANS			
		Total [1]	Vietnam era		Korean conflict		World War II [3 4]	World War I	Total	Post-Vietnam era [5]	Service between Korean conflict and Vietnam era only	Other peacetime [6]
			Total [2 3]	No prior wartime service	Total [2 3 4]	No prior wartime service [2]						
All ages	[7] 27,469	[7] 21,646	8,270	7,652	5,034	4,089	9,765	140	5,823	2,473	2,987	363
Under 24 years old	326	–	–	–	–	–	–	–	326	326	–	–
25-29 years old	1,198	50	50	50	–	–	–	–	1,148	1,148	–	–
30-34 years old	1,681	934	934	934	–	–	–	–	747	747	–	–
35-39 years old	2,775	2,596	2,596	2,596	–	–	–	–	179	170	9	–
40-44 years old	3,240	2,909	2,909	2,909	–	–	–	–	331	42	290	–
45-49 years old	2,442	985	931	923	62	62	–	–	1,456	22	1,434	–
50-54 years old	2,754	1,597	335	185	1,412	1,412	–	–	1,157	13	1,112	32
55-59 years old	3,314	3,091	265	41	2,542	2,379	671	–	223	5	119	99
60-64 years old	3,753	3,697	130	10	559	188	3,500	–	56	(Z)	12	43
65 years old and over	5,986	5,787	122	5	459	48	5,594	140	200	–	10	189
Median age [8]	53.9	57.9	40.7	40.3	56.8	56.0	66.0	90.7	45.9	29.1	49.3	66.0

– Represents zero. Z Less than 500. [1] 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. [2] Includes 342,000 who served in both the Korean conflict and the Vietnam era. [3] Includes 277,000 who served in the Vietnam era, Korean conflict, and World War II. [4] Includes 668,000 who served in both World War II and the Korean conflict. [5] Service only after May 7, 1975. [6] Includes those who served only between World War I and World War II, and those who served only between World War II and the Korean conflict. [7] There are also 3 living Spanish-American War veterans and an estimated 60 living Mexican Border conflict veterans. [8] Computed from data by single year of age.

No. 558. Disabled Veterans Receiving Compensation: 1970 to 1987

[**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	1981	1982	1983	1984	1985	1986	1987
Disabled, all periods [1]	2,092	2,220	2,274	2,279	2,275	2,263	2,251	2,240	2,225	2,212
Peace-time	185	194	262	284	302	319	335	352	367	382
World War I [1]	85	55	30	25	22	18	15	12	10	7
World War II	1,416	1,309	1,193	1,168	1,140	1,111	1,080	1,049	1,015	982
Korea	239	240	236	234	231	229	226	223	220	218
Vietnam	167	423	553	568	579	587	595	604	613	623
Totally disabled, all periods [1]	124	123	121	135	138	139	137	136	133	132
Peace-time	16	16	20	23	24	25	25	26	26	26
World War I [1]	11	6	3	2	2	2	1	1	1	1
World War II	63	58	51	56	57	58	56	54	51	49
Korea	16	16	16	18	18	17	17	17	16	16
Vietnam	18	26	31	36	37	37	38	38	39	40
Compensation (mil. dol.)	2,393	3,797	6,104	6,939	7,594	8,007	8,041	8,270	8,379	8,434

[1] Includes Spanish-American War and Mexican Border service, not shown separately.

Source of tables 557 and 558: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs,* and unpublished data.

No. 559. Veterans Benefits—Expenditures, by Program: 1970 to 1987

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

PROGRAM	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
Total [1]	10,201	18,003	23,187	25,203	26,937	28,196	28,494	30,119	31,556	32,583
Compensation and pensions [2]	5,330	7,551	11,257	12,492	13,348	13,881	13,942	14,234	14,399	14,437
Educational assistance and readjustment benefits	1,047	4,529	2,383	2,333	2,001	1,678	1,043	1,169	907	773
Medical services and administ. expenses	[3] 2,009	3,919	6,647	7,199	8,009	8,722	9,123	9,992	10,269	10,641
Hospital and domiciliary construction [4]	75	136	342	456	481	458	486	557	567	589
Insurance and indemnities	1,181	1,345	1,637	1,693	1,701	1,694	1,750	1,853	2,008	2,050
Loan guaranty revolving fund	249	423	445	553	825	1,187	1,511	1,626	2,667	3,333
Direct loans	180	84	49	19	10	8	8	8	9	9
Miscellaneous expenditures	131	17	427	459	562	567	631	679	728	751

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

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs.*

No. 560. Veterans Benefits—Expenditures From Appropriated Funds, by War: Total and 1940 to 1987

[In millions of dollars. For fiscal year ending in year shown; see text, section 9. Refers to expenditures of Veterans Administration 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 [1]	Service between Korea and Vietnam only	Vietnam [2]	Peacetime
Total	[3] 526,512	196	6,574	5,939	76,431	243,427	48,957	10,804	97,154	34,909
To 1939	[3] 18,914	147	6,356	1,537	6,557	(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	2,936
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 [4]	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	5,555	1,075
1980	21,299	(Z)	(Z)	36	2,063	9,841	2,044	614	5,463	1,238
1981	22,863	(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	(5)	6,291	[5] 3,287
1984	28,260	(Z)	(Z)	14	2,212	14,098	2,685	(5)	6,369	[5] 2,902
1985	27,540	1	(Z)	15	1,288	12,539	3,084	(5)	6,446	[5] 4,167
1986	28,900	3	(Z)	13	1,245	12,652	3,191	(5)	7,222	[5] 4,575
1987	29,626	3	(Z)	11	1,198	12,692	3,280	(5)	7,577	[5] 4,867

X Not applicable. Z Less than $500,000. [1] June 27, 1950 to Jan. 31, 1955. [2] Service from Aug. 5, 1964, to May 7, 1975. [3] Includes $70 million for the Revolutionary War and $49 million for the War of 1812. [4] 15 months ending Sept 30. [5] Peacetime combined with service between Korea and Vietnam only.

Source: U.S. Veterans Administration, unpublished data.

No. 561. Veterans Compensation and Pension Benefits—Number on Rolls and Average Payment, by Period of Service and Status: 1980 to 1987

[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) [1] (dol.)				
	1980	1984	1985	1986	1987	1980	1984	1985	1986	1987
Total	4,646	4,123	4,006	3,899	3,808	2,370	3,335	3,505	3,647	3,741
Living veterans	3,195	2,980	2,931	2,883	2,844	2,600	3,534	3,666	3,764	3,821
Service connected	2,273	2,251	2,240	2,225	2,212	2,669	3,573	3,692	3,766	3,808
Nonservice connected	922	730	690	658	631	2,428	3,416	3,581	3,755	3,865
Deceased veterans	1,451	1,143	1,075	1,016	964	1,863	2,813	3,066	3,315	3,504
Service connected	358	342	336	331	328	3,801	5,471	5,838	6,100	6,296
Nonservice connected	1,093	801	739	685	636	1,228	1,680	1,809	1,968	2,066
Prior to World War I	14	8	7	6	5	1,432	1,777	1,855	1,979	2,068
Living	(Z)	(Z)	(Z)	(Z)	(Z)	2,634	4,031	4,436	5,920	5,420
Deceased	14	8	7	6	5	1,403	1,749	1,822	1,937	2,025
World War I	692	435	381	334	295	1,683	2,276	2,461	2,664	2,817
Living	198	87	68	53	42	2,669	4,009	4,439	4,906	5,243
Deceased	494	348	313	281	253	1,288	1,841	2,029	2,238	2,415
World War II	2,520	2,180	2,097	2,020	1,943	2,307	3,172	3,317	3,440	3,513
Living	1,849	1,631	1,575	1,518	1,464	2,462	3,331	3,460	3,563	3,621
Deceased	671	549	522	502	479	1,880	2,697	2,888	3,067	3,182
Korean conflict [2]	446	407	399	395	393	2,691	3,918	4,114	4,276	4,389
Living	317	311	309	308	308	2,977	4,119	4,260	4,366	4,457
Deceased	129	96	90	87	86	1,990	3,265	3,615	3,955	4,147
Peace-time	312	387	404	419	433	3,080	3,895	3,973	4,008	3,965
Living	262	335	352	367	382	2,828	3,528	3,589	3,614	3,563
Deceased	50	52	52	52	52	4,399	6,265	6,577	6,802	6,937
Vietnam era [3]	662	707	716	726	738	2,795	3,864	4,021	4,136	4,244
Living	569	616	626	637	649	2,709	3,714	3,849	3,941	4,029
Deceased	93	91	90	89	89	3,324	4,880	5,220	5,546	5,818

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

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs*, and unpublished data.

No. 562. Veterans Administration Health Care Summary: 1980 to 1987

[For years ending Sept. 30]

ITEM	Unit	1980	1985	1987
Facilities operating:				
Hospitals	Number	172	172	172
Domiciliaries	Number	16	16	17
Outpatient clinics	Number	226	226	229
Nursing home units	Number	92	115	117
Employment [1]	1,000	194	203	203
Obligations [2]	Mil. dol	6,215	9,258	9,960
Medical care	Mil. dol	5,972	8,936	9,673
Research in health care	Mil. dol	138	227	210
Prescriptions dispensed	Million	36.7	48.1	54.1
Laboratory procedures	Million	215	173	189
Radiology examinations	Million	5.7	5.4	5.5
Inpatients treated [3]	1,000	1,359	1,435	1,466
VA facilities	1,000	1,275	1,339	1,372
Other facilities	1,000	84	96	94
Average daily inpatients [4]	1,000	105	100	97
VA facilities	1,000	84	75	71
Other facilities	1,000	21	25	26
Outpatient medical visits	Million	18.0	19.6	21.6
VA staff	Million	15.8	17.8	19.8
Fee-basis	Million	2.2	1.8	1.8

[1] Net full-time equivalent. [2] 1980, cost-basis; thereafter, obligation-basis. Includes other obligations not shown separately. [3] 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. [4] Patients receiving hospital care, or nursing bed care.

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

No. 563. Veterans Assistance to Persons in Education and Training Programs: 1975 to 1987

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

PROGRAM	1975	1980	1981	1982	1983	1984	1985	1986	1987
Post-Korea Education Assistance [1]	2,692	1,107	949	778	644	528	402	308	239
Institutions of higher education	1,693	842	738	620	517	421	326	257	203
Resident schools other than college	420	149	122	98	88	78	54	35	26
Correspondence schools	387	42	35	21	13	10	7	6	(NA)
On-the-job training	192	74	55	38	25	19	15	9	7
Children's Educational Assistance	71.4	82.6	82.6	80.3	70.9	63.6	55.3	48.4	43.4
Institutions of higher education	64.7	75.5	74.6	72.1	63.7	57.1	50.0	43.9	39.7
Schools other than college	6.3	6.5	7.5	7.8	7.0	6.2	5.2	4.3	3.6
Special restorative training	.1	.1	.1	(Z)	(Z)	.1	(Z)	(Z)	(NA)
On-the-job training	.4	.5	.4	.3	.2	.2	.2	.1	.1
Spouses, Widows/Widowers Educational Assistance Program	16.5	13.0	11.9	10.6	8.8	7.6	6.6	5.9	5.3
Institutions of higher education	12.2	10.8	10.1	9.0	7.5	6.5	5.7	5.0	4.5
Schools other than college	4.3	2.2	1.8	1.6	1.3	1.1	1.0	.9	.7
Vocational Rehabilitation Program for Disabled Veterans	[2] 24.8	25.5	29.8	30.9	30.6	29.0	26.9	25.8	24.6
Institutions of higher education	18.5	18.9	21.7	22.1	21.9	(NA)	(NA)	(NA)	16.0
Schools other than college	4.9	5.6	7.0	7.5	7.5	(NA)	(NA)	(NA)	.6
On-the-job training	1.3	1.0	1.0	.9	.8	(NA)	(NA)	(NA)	.6
Institutional on-farm	.2	.1	.1	.1	.1	(NA)	(NA)	(NA)	(NA)

NA Not available. Z Fewer than 50. [1] Includes some Post-Vietnam veterans. [2] Estimated.

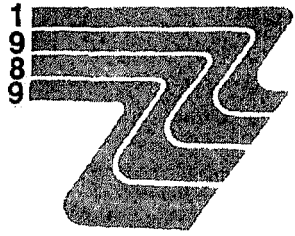
Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs,* and unpublished data.

No. 564. Veterans Guaranteed and Insured Loans: 1970 to 1987

[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
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
Home	1,000	186.2	288.2	289.2	178.2	92.9	231.6	238.5	170.0	307.7	474.4
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
Home	Mil. dol	3,662	8,072	14,653	9,822	5,332	14,389	15,333	11,263	21,833	34,783
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
Home	Mil. dol	1,971	3,096	6,289	4,155	2,187	5,596	5,895	4,269	7,830	12,180

Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs.*



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 monthly in the Department of Labor's *Unemployment Insurance Statistics.* Data on the Medicare and Medicaid programs appear periodically in the Health Care Financing Administration's *Health Care Financing Review* (quarterly), *Health Care Financing Notes,* and *Health Care Financing Program Statistics.* Statistics on aid to families with dependent children (AFDC) are presented in the U.S. Social Security Administration's monthly publication, *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.

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

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 576). 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, workers assistance and relocation allowances under the Trade Act, and, until 1975, direct aid (training and related cash allowances) under Federal manpower acts.

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.

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.

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

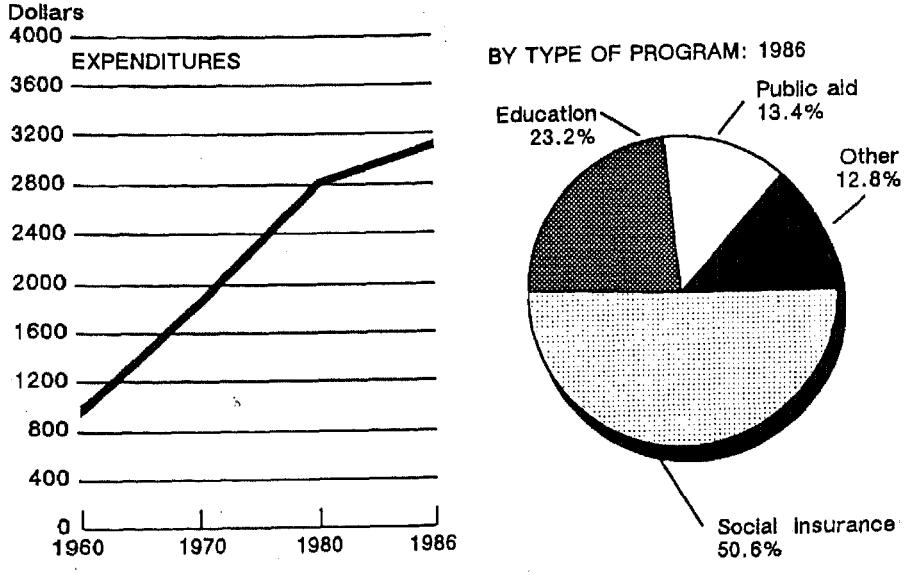
Noncash benefits.—The Bureau of the Census annually collects data on the characteristics of recipients of noncash (in-kind) benefits to supplement the collection of annual money income data in the Current Population Survey (see text, section 1 and section 15). Noncash benefits are those benefits received 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 and are reported in the *Current Population Reports*, series P-60. The two 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.

Figure 12.1

Social Welfare Expenditures in Constant (1986) Dollars, Per Capita, Under Public Programs: 1960 to 1986; and by Type of Program:1986



Source: Chart prepared by U.S. Bureau of the Census. For data see table 565.

No. 565. Social Welfare Expenditures Under Public Programs: 1960 to 1986

[**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 566 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 [1]	Veterans programs	Education	Housing	Other social welfare	All health and medical care [2]
	Total	Annual percent change								
					TOTAL					
1960	52,293	[3] 9.9	19,307	4,101	4,464	5,479	17,626	177	1,139	6,395
1970	145,856	10.8	54,691	16,488	9,907	9,078	50,845	701	4,145	25,391
1975	290,084	14.7	123,013	41,308	17,788	17,019	80,834	3,172	6,947	52,348
1980	492,528	11.2	229,754	71,799	27,650	21,466	121,050	7,210	13,599	100,294
1981	550,545	11.8	267,395	82,424	30,424	23,441	128,145	6,794	11,983	116,537
1982	594,876	8.1	302,615	80,852	33,218	24,708	133,874	7,954	11,654	130,869
1983	643,437	8.2	331,161	86,644	34,585	25,802	141,815	10,964	12,466	136,742
1984	671,969	4.4	341,120	90,685	37,006	26,275	152,056	11,532	13,295	148,467
1985	730,399	8.7	372,529	96,777	41,060	27,042	166,418	12,627	13,946	167,542
1986	770,522	5.5	390,404	103,079	44,334	27,445	178,518	12,036	14,705	179,614
					FEDERAL					
1960	24,957	[3] 11.3	14,307	2,117	1,737	5,367	868	144	417	2,918
1970	77,337	12.0	45,246	9,649	4,775	8,952	5,876	582	2,259	16,600
1975	167,426	16.7	99,715	27,186	8,521	16,570	8,629	2,541	4,264	34,100
1980	302,631	12.6	191,162	48,666	12,703	21,254	13,452	6,608	8,786	68,801
1981	344,120	13.7	224,574	55,946	13,650	23,229	13,372	6,045	7,304	80,560
1982	367,620	6.8	250,551	52,485	14,528	24,463	11,917	7,176	6,500	90,706
1983	401,413	9.2	274,315	56,709	15,440	25,561	12,399	9,961	7,028	95,719
1984	420,399	4.7	288,743	58,480	16,622	25,970	13,010	10,226	7,349	103,927
1985	452,860	7.7	313,108	61,985	18,630	26,704	13,796	11,088	7,548	118,955
1986	472,364	4.3	326,588	65,615	19,926	27,072	15,022	10,164	7,977	125,730
					STATE AND LOCAL					
1960	27,337	[3] 8.7	4,999	1,984	2,727	112	16,758	33	723	3,478
1970	68,519	9.6	9,446	6,839	5,132	127	44,970	120	1,886	8,791
1975	122,654	12.4	23,298	14,122	9,267	449	72,205	631	2,683	18,248
1980	189,897	9.1	38,592	23,133	14,948	212	107,597	601	4,813	31,492
1981	206,424	8.7	42,821	26,477	16,774	212	114,773	688	4,679	35,977
1982	227,226	10.1	52,063	28,367	18,690	245	121,957	778	5,154	40,164
1983	242,023	6.6	56,846	29,935	19,144	241	129,416	1,003	5,438	41,023
1984	251,569	3.9	52,378	32,206	20,383	301	139,046	1,306	5,946	44,540
1985	277,540	10.3	59,420	34,792	22,430	338	152,622	1,540	6,398	48,567
1986	298,158	7.4	63,816	37,464	24,408	373	163,495	1,872	6,728	53,884
					PERCENT OF TOTAL EXPENDITURES, BY TYPE					
1960	100.0	(X)	36.9	7.8	8.5	10.5	33.7	.3	2.2	12.2
1970	100.0	(X)	37.5	11.3	6.8	6.2	34.9	.5	2.8	17.4
1980	100.0	(X)	46.6	14.6	5.6	4.4	24.6	1.5	2.8	20.4
1985	100.0	(X)	51.0	13.2	5.6	3.7	22.8	1.7	1.9	22.9
1986	100.0	(X)	50.7	13.4	5.8	3.6	23.2	1.6	1.9	23.3
					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	48.2	98.6	11.6	83.0	54.5	65.4
1980	61.4	(X)	83.2	67.8	45.9	99.0	11.1	91.7	64.6	68.1
1985	62.0	(X)	84.0	64.0	45.4	98.8	8.3	87.8	54.1	71.0
1986	61.3	(X)	83.6	63.7	44.9	98.6	8.4	84.4	54.2	70.0
					PER CAPITA (Current dollars) [4]					
1960	285	[3] 7.9	105	22	24	30	96	2	6	35
1970	701	9.4	262	79	48	43	245	4	20	122
1980	2,138	11.8	995	312	121	92	526	33	59	437
1985	3,001	7.0	1,528	398	169	110	685	52	57	690
1986	3,138	4.6	1,587	421	181	112	728	49	60	733
					PER CAPITA (Constant (1986) dollars) [4 5]					
1960	990	[3] 5.6	365	76	83	104	333	7	21	122
1970	1,868	6.6	698	210	128	114	653	11	53	325
1980	2,822	4.2	1,313	412	160	121	694	44	78	577
1985	3,065	1.7	1,561	406	173	112	700	53	58	705
1986	3,138	2.4	1,587	421	181	112	728	49	60	733

X Not applicable. [1] Excludes program parts of social insurance, public aid, veterans, and other social welfare. [2] Combines "Health and medical programs" with medical services included in social insurance, public aid, veterans, vocational rehabilitation, and antipoverty programs. [3] Change from 1955. [4] Excludes payments within foreign countries for education, veterans, OASDHI, and civil service retirement. [5] Constant dollar figures are based on implicit price deflators for personal consumption expenditures published by U.S. Bureau of Economic Analysis; see table 751.

Source: U.S. Social Security Administration, *Social Security Bulletin*, November 1988 and earlier issues.

No. 566. Social Welfare Expenditures, by Source of Funds and Public Program: 1980 to 1986

[In millions of dollars. See headnote, table 565, and *Historical Statistics, Colonial Times to 1970*, series H 1-47, for related but not comparable data]

Program	1980		1984		1985		1986	
	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local
Total	**302,631**	**189,897**	**420,399**	**251,569**	**452,860**	**277,540**	**472,364**	**298,158**
Social insurance	**191,162**	**38,592**	**288,743**	**52,378**	**313,108**	**59,420**	**326,583**	**63,816**
Old-age, survivors, disability, health	152,110	(x)	238,254	(x)	260,469	(x)	271,980	(x)
Health insurance (Medicare)	34,992	(x)	62,481	(x)	72,194	(x)	75,903	(x)
Public employee retirement [1]	26,983	12,507	38,587	20,300	40,504	22,540	41,866	25,043
Railroad employee retirement	4,769	(x)	6,144	(x)	6,276	(x)	6,354	(x)
Unemployment insurance and employment services [2]	4,408	13,919	2,529	13,575	2,604	15,740	2,831	15,719
Other railroad employee insurance [3]	224	(x)	230	(x)	189	(x)	192	(x)
State temporary disability insurance [4]	(x)	1,377	(x)	1,818	(x)	1,944	(x)	2,036
Workers' compensation [5]	2,666	10,789	2,999	18,685	3,067	19,197	3,365	21,017
Hospital and medical benefits	130	3,596	282	5,728	260	6,800	324	7,764
Public aid	**48,666**	**23,133**	**58,480**	**32,206**	**61,985**	**34,792**	**65,615**	**37,464**
Public assistance [6]	23,542	21,346	30,838	30,162	33,523	32,557	36,402	34,968
Medical vendor payments (Medicaid) [7]	14,550	12,844	20,212	19,251	22,677	21,261	24,826	23,149
Social services	1,757	586	2,092	692	2,057	686	2,003	668
Supplemental security income	6,440	1,787	9,094	2,043	9,605	2,235	10,317	2,496
Food stamps	9,083	(x)	12,375	(x)	12,513	(x)	12,397	(x)
Other [8]	9,601	(x)	6,173	(x)	6,344	(x)	6,499	(x)
Health and medical programs	**12,703**	**14,948**	**16,622**	**20,383**	**18,630**	**22,430**	**19,926**	**24,408**
Hospital and medical care	6,478	5,810	9,250	7,052	10,608	7,582	11,448	8,081
Civilian programs	2,378	5,810	2,352	7,052	2,557	7,582	2,679	8,081
Defense Department [9]	4,100	(x)	6,898	(x)	8,051	(x)	8,768	(x)
Maternal and child health programs	354	516	371	690	412	788	395	858
Medical research	4,378	445	5,463	808	6,002	932	6,456	1,075
Medical facilities construction	236	1,904	194	1,968	208	1,793	234	1,581
Other	1,257	6,273	1,344	9,866	1,399	11,335	1,392	12,814
Veterans programs	**21,254**	**212**	**25,970**	**301**	**26,704**	**338**	**27,072**	**373**
Pensions and compensation	11,306	(x)	14,051	(x)	14,333	(x)	14,493	(x)
Health and medical programs	6,204	(x)	8,936	(x)	9,493	(x)	9,923	(x)
Hospital and medical care	5,750	(x)	8,180	(x)	8,809	(x)	9,120	(x)
Hospital construction	329	(x)	568	(x)	458	(x)	617	(x)
Medical and prosthetic research	131	(x)	190	(x)	227	(x)	186	(x)
Education	2,401	(x)	1,402	(x)	1,171	(x)	867	(x)
Life insurance [10]	665	(x)	719	(x)	796	(x)	893	(x)
Welfare and other	679	212	862	301	912	338	896	373
Education	**[11] 13,452**	**107,597**	**[11] 13,010**	**139,046**	**[11] 13,796**	**152,622**	**[11] 15,022**	**163,495**
Elementary and secondary	7,430	79,720	6,659	103,408	7,278	113,474	7,472	134,819
Construction [12]	41	6,483	28	7,230	23	8,335	21	5,684
Higher	4,488	21,708	5,048	27,616	5,102	30,343	6,071	28,676
Construction	42	1,486	35	2,236	32	2,685	30	2,638
Vocational and adult [12]	1,207	6,169	1,046	8,023	1,087	8,804	1,208	(NA)
Housing	**6,608**	**601**	**10,226**	**1,306**	**11,088**	**1,540**	**10,164**	**1,872**
Other social welfare	**8,786**	**4,813**	**7,349**	**5,946**	**7,548**	**6,398**	**7,977**	**6,728**
Vocational rehabilitation	1,006	245	1,109	338	1,187	350	1,396	374
Medical services and research	237	56	259	83	275	80	288	75
Institutional care [13]	74	408	118	603	121	654	140	701
Child nutrition [14]	4,209	643	4,271	928	4,349	960	4,588	1,088
Child welfare [15]	57	743	185	(NA)	200	(NA)	198	(NA)
Special CSA and ACTION programs [16]	2,303	(x)	479	(x)	504	(x)	504	(x)
Welfare, not elsewhere classified [17]	1,137	2,774	1,207	4,076	1,188	4,435	1,150	4,564

NA Not available. X Not applicable. [1] Excludes refunds to those leaving service. Federal data include military retirement. [2] 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. [3] Unemployment and temporary disability insurance. [4] Cash and medical benefits in 5 areas. Includes private plans where applicable. [5] Benefits paid by private insurance carriers, State funds, and self-insurers. Federal includes black lung benefit programs. [6] Includes payments under State general assistance programs and work incentive activities, not shown separately. [7] Medical vendor payments are those made directly to suppliers of medical care. [8] Refugee assistance, surplus food for the needy, and work-experience training programs under the Comprehensive Employment and Training Act. Beginning 1984, includes low-income energy assistance program. [9] Includes medical care for military dependent families. [10] Excludes servicemen's group life insurance. [11] Includes Federal expenditures for administrative costs (Department of Education) and research, not shown separately. [12] Construction costs of vocational and adult education programs included under elementary-secondary expenditures. [13] Federal expenditures represent primarily surplus foods for nonprofit institutions. [14] Surplus food for schools and programs under National School Lunch and Child Nutrition Acts. [15] Represents primarily child welfare services under title V of the Social Security Act. [16] Includes domestic volunteer programs under ACTION and community action and migrant workers programs under Community Services Administration. [17] 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*, November 1988 and forthcoming issue.

No. 567. Social Welfare Expenditures Under Public Programs as Percent of GNP and Total Government Outlays: 1960 to 1986

[See headnote, table 565. For explanation of annual percent change, see Guide to Tabular Presentation]

Year	Total expenditures				Federal				State and local government			
			Percent of—				Percent of—				Percent of—	
	Total (bil. dol.)	Annual percent change [1]	Total GNP [2]	Total govt. outlays	Total (bil. dol.)	Annual percent change [1]	Total GNP [2]	Total Federal outlays	Total (bil. dol.)	Annual percent change [1]	Total GNP [2]	*Total State and local outlays*
1960	52.3	9.9	10.3	38.4	25.0	11.3	4.9	28.1	27.3	8.7	5.4	60.1
1970	145.9	10.8	14.7	48.2	77.3	12.0	7.8	40.1	68.5	9.6	6.9	64.0
1975	290.1	14.7	19.0	57.3	167.4	16.7	11.0	52.0	122.7	12.4	8.0	65.3
1980	492.5	11.2	18.5	56.5	302.6	12.6	11.3	54.3	189.9	9.1	7.1	60.8
1985	730.4	8.2	18.5	51.2	452.9	8.4	11.5	47.8	277.5	7.9	7.0	59.0
1986	770.5	5.5	18.4	47.9	472.4	4.3	11.3	47.6	298.2	7.4	7.1	58.2

[1] Change from prior year shown; for 1960, change from 1955. [2] Gross national product.

Source: U.S. Social Security Administration, *Social Security Bulletin*, November 1988.

No. 568. Public Income-Maintenance Programs—Cash Benefit Payments: 1970 to 1987

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

Program	Payments (bil. dol.)										Percent		
	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987	1970	1980	1986
Total [1]	**60.5**	**138.6**	**228.1**	**241.0**	**262.9**	**298.6**	**308.7**	**329.1**	**346.0**	(NA)	**100.0**	**100.0**	**100.0**
Percent of personal income [2]	7.3	10.6	10.1	9.6	10.6	10.5	9.9	9.9	9.8	(NA)	(X)	(X)	(X)
OASDI [3]	31.6	66.6	120.3	128.7	155.7	166.9	175.5	186.1	193.6	201.7	52.2	52.8	56.1
Public employee retirement [4]	9.2	21.3	40.6	46.4	51.4	55.0	58.6	64.7	69.0	(NA)	15.2	17.8	20.0
Railroad retirement	1.8	3.3	4.9	5.4	5.8	6.0	6.1	6.3	6.4	6.5	2.9	2.1	1.9
Veterans' pensions, compensation	5.5	7.7	11.4	12.5	13.3	13.7	13.8	14.1	14.2	14.3	9.1	5.0	4.1
Unemployment benefits [5]	4.2	18.3	18.9	13.7	21.1	19.2	13.6	14.4	16.0	14.4	7.0	8.3	4.6
Temporary disability benefits	.7	.9	1.4	1.6	1.6	1.6	1.8	1.8	1.9	2.0	1.2	.6	.6
Workers' compensation [6]	2.0	4.6	9.7	10.6	11.3	11.9	13.3	15.1	16.7	(NA)	3.3	4.2	4.8
Public assistance [7]	4.9	9.3	12.1	13.2	13.0	13.9	14.6	15.3	16.1	16.5	8.0	5.3	4.7
Supplemental Security Income [7]	(X)	5.9	7.9	8.5	9.0	9.5	10.4	11.1	12.1	14.8	(X)	3.4	3.5

NA Not available. X Not applicable. [1] Includes lump sum death benefits, not shown separately. [2] For base data, see table 695. [3] Old-age, survivors, and disability insurance under Federal Social Security Act; see text, section 12. [4] Excludes refunds of contributions to employees who leave service. [5] Beginning 1981, covers State unemployment insurance, Ex-Servicemen's Compensation Act and railroad unemployment insurance only. [6] Includes black lung benefits. [7] 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. 569. Households Receiving Means-Tested Noncash Benefits, 1980 to 1986, and by Poverty Status, 1986

[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 householder; 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, total (1,000)	1983, total (1,000)	1984, total (1,000)	1985, total (1,000)	1986			
					Total (1,000)	Below poverty level		Above poverty level (1,000)
						Number (1,000)	Percent distribution	
Total households	**82,368**	**85,407**	**86,789**	**88,458**	**89,479**	**11,901**	**100.0**	**77,578**
Not receiving noncash benefits	68,102	70,886	72,194	73,992	74,670	4,735	39.8	69,935
Not receiving cash public assistance	67,743	70,645	71,958	73,731	74,406	4,681	39.3	69,725
Receiving cash public assistance [1]	359	241	237	261	263	53	.4	210
Receiving at least one noncash benefit	14,266	14,521	14,594	14,466	14,809	7,166	60.2	7,643
Not receiving cash public assistance	7,860	8,123	7,973	7,860	8,181	3,007	25.3	5,174
Receiving cash public assistance [1]	6,407	6,398	6,621	6,607	6,628	4,159	34.9	2,469
Total households receiving—								
Food stamps	6,769	7,170	7,061	6,779	6,593	4,819	40.5	1,775
School lunch	5,532	5,646	5,637	5,752	5,979	3,058	25.7	2,921
Public housing	2,777	3,234	3,588	3,799	3,789	2,097	17.6	1,692
Medicaid	8,287	8,148	8,323	8,178	8,521	4,893	41.1	3,628

[1] 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 and forthcoming reports.

No. 570. Cash and Noncash Benefits for Persons With Limited Income: 1985 to 1987

[**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 [1]			Federal		
	1985	1986	1987	1985	1986	1987	1985	1986	1987
Total	(X)	(X)	(X)	**143,526**	**148,705**	**158,735**	**105,404**	**108,269**	**114,912**
Medical care [2]	(X)	(X)	(X)	49,581	52,997	60,692	27,737	29,771	34,956
Medicaid [3]	[4] 21,814	[4] 22,518	[4] 23,335	41,150	44,442	50,010	22,844	24,767	27,960
Veterans [5]	[6] 504	[6] 361	[6] 369	[7] 3,053	[7] 3,183	[7] 5,035	[7] 3,053	[7] 3,183	[7] 5,035
General assistance	(NA)	(NA)	(NA)	[7] 3,125	[7] 3,259	[7] 3,370	–	–	–
Indian Health Services	[8] 931	[8] 990	[8] 1,017	862	854	929	862	854	929
Maternal and child health services	(NA)	(NA)	(NA)	783	749	813	478	457	497
Community health centers	[8] 5,200	[8] 5,350	[8] 5,500	383	396	420	383	396	420
Cash aid [2]	(X)	(X)	(X)	38,119	40,952	42,542	24,969	26,887	27,925
A.F.D.C. [3 9]	10,813	10,995	11,064	16,736	17,757	18,440	8,909	9,536	9,987
Supplemental Security Income [3]	4,305	4,450	4,569	11,857	12,823	13,743	[10] 9,603	[10] 10,308	[10] 10,832
Pensions for needy veterans [11]	[12] 1,489	[12] 1,397	[12] 1,311	3,842	3,874	3,793	3,842	3,874	3,793
General assistance	[7] 1,323	[7] 1,334	[7] 1,193	[7] 2,499	[7] 2,636	[7] 2,537	–	–	–
Earned income tax credit	[7] 17,313	[7] 19,197	[7] 18,607	1,645	2,084	2,053	1,645	2,084	2,053
Food benefits [2]	(X)	(X)	(X)	20,391	20,226	21,004	19,362	19,146	19,837
Food stamps [3 13]	21,400	20,900	20,600	13,470	13,441	12,479	12,599	12,529	12,479
School lunch program [14]	[15] 11,500	[15] 11,600	[15] 11,600	[16] 2,665	[16] 2,948	[16] 3,281	[16] 2,665	[16] 2,948	[16] 3,281
Women, Infants and children [17]	3,138	3,312	3,430	1,500	1,581	1,664	1,500	1,581	1,664
Temporary emergency food assistance	(NA)	[18] 15,000	(NA)	1,327	771	896	1,327	771	896
Nutrition program for elderly [19]	[8] 3,630	[8] 3,584	[8] 3,522	614	625	649	456	457	478
Housing benefits [2]	(X)	(X)	(X)	14,113	13,245	13,191	14,113	13,245	13,191
Lower-income housing asst. (Sec. 8)	[20] 2,010	[20] 2,143	[20] 2,240	6,818	7,430	8,125	6,818	7,430	8,125
Low-rent public housing	[20] 1,355	[20] 1,380	[20] 1,390	3,408	2,882	2,161	3,408	2,882	2,161
Rural housing loans	[21] 41	[21] 26	[21] 24	[22] 1,790	[22] 1,155	[22] 1,144	[22] 1,790	[22] 1,155	[22] 1,144
Interest reduction payments	[21] 528	[21] 529	[21] 528	619	633	638	619	633	638
Rural rental housing loans	[21] 26	[21] 21	[21] 17	[22] 903	[22] 652	[22] 555	[22] 903	[22] 652	[22] 555
Education aid [2]	(X)	(X)	(X)	9,970	10,589	10,223	9,516	10,101	9,722
Pell grants	[23] 2,797	[23] 2,881	[23] 2,745	[24] 2,800	[24] 3,862	[24] 3,580	[24] 2,800	[24] 3,862	[24] 3,580
Guaranteed student loans	[23] 3,477	[23] 3,242	[23] 3,300	[25] 3,888	[25] 3,288	[25] 3,179	[25] 3,888	[25] 3,288	[25] 3,179
Head Start	448	448	447	1,309	1,266	1,378	1,047	1,013	1,102
College Work-Study Program	[23] 737	[23] 728	[23] 753	[24] 555	[24] 593	[24] 567	[24] 555	[24] 593	[24] 567
Supplemental Educational Opportunity Grants	[23] 720	[23] 686	[23] 689	[24] 375	[24] 413	[24] 395	[24] 375	[24] 413	[24] 395
Jobs and training [2]	(X)	(X)	(X)	3,976	3,699	3,853	3,895	3,626	3,782
Training for disadvantaged adults and youth [26]	[27] 350	[27] 337	[27] 393	[26] 1,886	[26] 1,783	[26] 1,840	[26] 1,886	[26] 1,783	[26] 1,840
Summer youth employment program [26]	[29] 785	[29] 634	[29] 723	[28] 725	[28] 636	[28] 750	[28] 725	[28] 636	[28] 750
Job Corps [26]	[27] 41	[27] 41	[27] 41	[28] 617	[28] 613	[28] 656	[28] 617	[28] 613	[28] 656
Senior community service employment program	[30] 64	[30] 61	[30] 66	[28] 362	[28] 346	[28] 373	[28] 326	[28] 312	[28] 336
Work incentive program	[31] 1,013	[31] 870	[31] 914	297	234	140	267	211	126
Services [2]	(X)	(X)	(X)	5,084	4,844	5,126	3,551	3,390	3,607
Social services (Title 20) [32]	(NA)	(NA)	(NA)	4,258	4,038	4,219	2,725	2,584	2,700
Community services block grant	(X)	(X)	(X)	372	355	409	372	355	409
Energy assistance [2]	(X)	(X)	(X)	2,292	2,153	2,104	2,261	2,103	1,892
Low-income energy assistance [3]	[33] 6,800	[33] 6,700	[33] 6,300	[34] 2,095	[34] 1,965	[34] 1,938	2,070	1,921	1,731

– Represents zero. NA Not available. X Not applicable. [1] Includes State and local government expenditures not shown separately. [2] Includes other programs not shown separately. [3] Expenditure data include administrative expenses. [4] Unduplicated annual number. [5] Medical care for veterans with a non-service-connected disability. [6] Estimated number of patients discharged from hospital during year. [7] Estimated. [8] Annual numbers. [9] Aid to Families with Dependent Children program. Excludes data for foster care program and child support operations (cost and collections). [10] Excludes Federal sums spent for SSI (State supplements) to Indochinese refugees. [11] Includes dependents and survivors. [12] Estimate as of September. [13] Includes Puerto Rico's nutritional assistance program. [14] Free and reduced-price segments. [15] Estimated daily average. [16] Includes estimate of commodity assistance. [17] Special supplemental food program for women, infants and children. [18] Estimate. As of October. [19] No income test required but preference given to those with greatest need. [20] Units eligible for payment at end of year. [21] Represents total families or dwelling units during year. [22] Amount of loans obligated. [23] Total numbers for the school year ending in year shown. [24] Appropriation available for school year ending the fiscal year named. [25] Net obligations for school year beginning in fiscal year named. [26] Programs represent specific titles under the Job Training and Partnership Act (JTPA). [27] Average monthly enrollment for program year. [28] Federal funds are appropriations. [29] Total participants (June–August). [30] Annual number of jobs authorized. [31] New registrants only. [32] Non-Federal expenditure data are rough estimates. [33] Number of households that received heating aid. [34] State spending includes funds received as "oil overcharge" settlements.

Source: Library of Congress, Congressional Research Service, "Cash and Noncash Benefits for Persons With Limited Income: Eligibility Rules, Recipient and Expenditure Data, FY 1985-87," Report No. 88-526 EPW, August 1988.

No. 571. Social Insurance and Related Programs—Cash Beneficiaries and Benefits, by Program: 1980 to 1986

[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 [1] (1,000)					Amount of benefits (mil. dol.)				
	1980	1983	1984	1985	1986	1980	1983	1984	1985	1986
Total	(X)	(X)	(X)	(X)	(X)	**207,797**	**275,108**	**283,238**	**302,827**	**318,426**
Percent of personal income	(X)	(X)	(X)	(X)	(X)	9.2	9.7	9.1	9.1	9.0
Retirement [2]	(X)	(X)	(X)	(X)	(X)	**113,252**	**161,327**	**175,504**	**188,760**	**200,183**
OASDHI	22,267	24,749	25,237	25,739	26,157	77,905	114,048	123,804	132,298	140,418
Public employee retirement	4,208	4,657	5,128	5,313	5,495	32,416	43,581	47,938	52,600	55,822
Federal civil service	913	1,015	1,057	1,122	1,166	10,227	14,003	15,245	16,111	16,792
Other Federal employee [3]	1,149	1,239	1,261	1,283	1,299	11,397	14,854	15,316	16,078	16,352
State and local government	2,146	2,403	2,809	2,907	3,030	10,792	14,724	17,377	20,411	22,677
Railroad retirement	589	580	592	566	575	2,931	3,698	3,762	3,862	3,943
Disability [2] [4]	(X)	(X)	(X)	(X)	(X)	**39,659**	**48,060**	**48,505**	**52,054**	**55,103**
OASDHI	4,729	3,875	3,808	3,873	3,715	15,437	17,530	17,732	18,647	19,524
Public employee retirement	720	786	730	689	692	5,371	7,351	6,221	6,697	7,023
Federal civil service	355	395	363	332	326	2,885	3,913	3,221	3,404	3,548
Other Federal employee [3]	157	145	144	144	144	1,275	1,452	1,436	1,459	1,437
State and local government	208	246	223	213	222	1,211	1,987	1,565	1,834	2,038
Railroad retirement	95	89	87	85	84	564	674	681	696	706
Veterans Admin. programs [3]	3,194	3,030	2,985	2,933	2,894	8,602	10,489	10,578	10,748	10,886
Workers' compensation	(NA)	(NA)	(NA)	(NA)	(NA)	7,245	9,514	10,845	12,584	14,132
Black lung benefit program	252	134	172	156	140	1,077	871	822	795	803
Temporary disability:										
State insurance [5]	199	224	191	67	148	1,300	1,580	1,584	1,844	1,977
Railroad insurance	14	13	11	11	12	63	50	42	43	52
Survivor monthly benefits	(X)	(X)	(X)	(X)	(X)	**34,986**	**45,615**	**44,851**	**46,296**	**45,712**
OASDHI	8,260	7,310	7,196	7,162	7,127	26,654	35,164	33,917	34,807	33,785
Public employee retirement	763	842	836	872	911	2,895	4,078	4,431	4,768	5,069
Federal civil service	439	503	490	501	516	1,930	2,677	3,006	3,177	3,311
Other Federal employee [3]	71	93	104	114	128	301	498	553	616	677
State and local government	253	246	242	257	267	664	903	872	975	1,084
Railroad retirement	330	310	322	311	289	1,372	1,671	1,679	1,702	1,722
Veterans Admin. programs [3]	1,465	1,227	1,157	1,082	1,035	2,755	3,192	3,230	3,310	3,375
Workers' compensation	(NA)	(NA)	(NA)	(NA)	(NA)	675	810	885	980	1,101
Black lung benefit program	158	200	151	148	144	635	700	710	730	660
Lump-sum payments	(X)	(X)	(X)	(X)	(X)	**964**	**823**	**735**	**956**	**1,312**
OASDHI	(X)	(X)	(X)	(X)	(X)	395	205	168	143	136
Public employee retirement	(X)	(X)	(X)	(X)	(X)	377	491	434	680	1,046
Federal civil service	(X)	(X)	(X)	(X)	(X)	23	34	37	34	47
Other Federal employee	(X)	(X)	(X)	(X)	(X)	3	5	6	6	8
State and local government	(X)	(X)	(X)	(X)	(X)	352	452	391	640	992
Railroad retirement	(X)	(X)	(X)	(X)	(X)	14	11	11	9	10
Veterans Admin. programs [6]	(X)	(X)	(X)	(X)	(X)	178	116	123	124	120
Unemployment	(X)	(X)	(X)	(X)	(X)	**18,935**	**19,281**	**13,643**	**14,761**	**16,116**
State unemployment insurance [7]	2,830	2,337	2,187	2,409	2,391	18,756	18,992	13,495	14,629	15,988
Railroad unemployment insurance	38	43	28	29	24	179	289	148	132	128

NA Not available. X Not applicable. [1] 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. [2] Includes benefits to dependents where applicable. [3] 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". [4] Excludes payments for medical care. [5] Payable in CA, NJ, NY, RI, and PR under public and private plans. Data for beneficiaries in NJ not available. [6] Lump sums are for burial of deceased veterans. [7] 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 1983, 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. 572. Estimated Workers Under Social Insurance Programs: 1960 to 1987

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

EMPLOYMENT AND COVERAGE STATUS	1960	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
Total labor force [1 2]	73.1	86.2	96.2	109.1	110.7	112.7	113.5	115.7	117.5	119.8	122.0
Paid civilian population	64.6	77.6	86.0	98.9	99.0	98.4	102.2	105.5	107.7	110.3	113.7
Unpaid family workers	1.4	.8	.7	.6	.5	.5	.6	.5	.4	.3	.4
Unemployed	4.5	2.6	7.3	7.4	9.0	11.6	9.0	8.0	7.7	7.5	6.5
Armed Forces [2]	2.5	3.4	2.2	2.1	2.2	2.2	1.7	1.7	1.7	1.7	1.7
Civilian population covered by:											
Public retirement programs	60.9	75.3	83.7	96.4	96.4	95.7	99.5	104.7	106.9	109.7	113.3
OASDHI [3]	55.4	69.2	77.0	89.3	89.5	88.9	92.7	97.5	99.7	102.5	106.1
Railroad retirement	.9	.6	.5	.5	.5	.4	.4	.4	.3	.3	.3
Public employees retirement [4]	4.6	5.5	6.2	6.6	6.4	6.4	6.4	6.8	6.8	6.9	6.9
Unemployment insurance	43.7	55.8	69.7	87.2	89.9	87.9	91.3	95.8	98.2	100.2	103.7
Workers' compensation	44.6	59.0	68.8	79.1	78.8	78.1	80.5	83.4	85.1	87.2	(NA)
Temporary disability insurance	11.3	14.6	15.7	18.4	18.4	18.1	18.7	19.3	19.8	20.3	(NA)

NA Not available. [1] 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. [2] Excludes Armed Forces overseas beginning 1983. [3] OASDHI=Old-age, survivors, disability, and health insurance. Excludes members of Armed Forces and railroad employees. [4] Data represent yearly averages. Excludes State and local government employees covered by both OASDHI and their own retirement program.

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

No. 573. Selected Social Insurance Programs—Estimated Payrolls of Covered Employment in Relation to Wages and Salaries: 1970 to 1986

[**In billions of dollars, except percent.** Data for Federal civilian and military personnel cover all areas. Gross amount before deduction of social insurance contributions. OASDHI: 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	1975	1979	1980	1981	1982	1983	1984	1985	1986
Total earnings [1]	615	896	1,370	1,534	1,613	1,717	1,868	2,074	2,232	2,379
All wages and salaries [1]	549	806	1,238	1,357	1,493	1,586	1,686	1,837	1,975	2,089
Civilian	526	783	1,211	1,327	1,458	1,526	1,619	1,775	1,926	2,039
Payrolls covered by:										
Retirement programs [2]	526	783	1,207	1,326	1,451	1,531	1,614	1,767	1,904	2,016
OASDHI [3 4]	480	713	1,118	1,229	1,348	1,422	1,500	1,649	1,779	1,885
Railroad retirement [3]	6	8	12	13	13	12	12	13	13	12
Federal civil service	26	37	48	52	56	59	62	65	70	73
State and local government	53	87	118	131	142	154	166	178	175	190
Unemployment insurance [3]	389	653	1,134	1,243	1,367	1,503	1,582	1,731	1,870	1,983
Workers' compensation program [5]	437	672	1,041	1,136	1,247	1,301	1,382	1,516	1,618	1,725
Net earnings in self-employment covered by OASDHI	48	70	100	97	94	98	108	120	122	132
Percent of civilian payrolls covered by—										
OASDHI [3 6]	90.9	91.1	92.3	92.6	92.5	93.1	92.6	92.9	92.4	92.5
Railroad retirement [3]	1.2	1.1	1.0	1.0	.9	.8	.7	.7	.7	.6
Federal civil service retirement	5.0	4.7	4.0	3.9	3.8	3.9	3.8	3.7	3.6	3.6
State and local government retirement	10.1	11.1	9.7	9.9	9.7	10.1	10.3	10.1	9.1	9.3
Unemployment insurance [3]	73.7	83.4	93.6	93.7	93.8	98.4	97.7	97.5	97.1	97.3
Workers' compensation programs [5]	82.8	85.8	84.6	86.7	85.6	85.1	85.4	85.4	84.0	84.6

[1] 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. [2] Adjusted for duplication in coverage by both OASDHI and State and local government retirement systems. [3] Taxable plus estimated nontaxable wages and salaries. [4] Includes Armed Forces in all areas. [5] Payrolls of employers insured with private carriers, State funds, or self-insured, and pay covered by Federal programs in all areas. [6] Percent computed after excluding Armed Forces payroll covered by OASDHI.

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

No. 574. Selected Social Insurance Programs—Source of Funds From Contributions and Transfers: 1970 to 1987

[In millions of dollars]

PROGRAM AND SOURCE OF FUNDS	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
Social Security trust funds:										
Old-age and survivors insurance (OASI)	30,705	57,241	103,996	123,301	124,353	143,878	167,062	182,368	194,325	206,049
Employer	14,489	27,184	49,731	58,972	59,105	63,935	78,110	83,682	90,261	95,499
Employee	14,204	26,947	49,436	58,656	58,918	63,731	73,991	83,400	89,796	95,122
Self-employed	1,564	2,684	4,289	4,999	5,649	5,049	6,632	7,720	8,755	10,122
Government [1]	449	425	540	675	680	11,162	887	2,529	485	406
Tax credits [2]	(X)	(X)	(X)	(X)	(X)	(X)	4,607	1,829	1,605	1,643
Taxation of benefits [3]	(X)	(X)	(X)	(X)	(X)	(X)	2,835	3,208	3,424	3,257
Disability insurance (DI)	4,497	7,534	13,385	16,906	22,169	19,112	16,135	18,430	18,637	19,655
Employer	2,154	3,562	6,307	8,074	10,597	8,379	7,536	8,119	8,703	9,282
Employee	2,117	3,530	6,254	8,035	10,574	8,339	7,134	8,087	8,658	9,253
Self-employed	210	352	694	829	824	830	741	776	856	982
Government [1]	16	90	130	168	174	1,565	92	1,048	31	21
Tax credits [2]	(X)	(X)	(X)	(X)	(X)	(X)	441	178	152	153
Taxation of benefits [3]	(X)	(X)	(X)	(X)	(X)	(X)	190	222	238	−36
Hospital insurance (HI) [4]	5,820	12,316	24,982	34,157	35,976	41,283	43,571	48,035	55,648	58,772
Employer	2,379	5,578	11,591	16,087	16,791	18,187	20,396	22,613	25,986	27,750
Employee	2,332	5,530	11,518	16,015	16,734	18,128	20,356	22,549	25,879	27,637
Self-employed	169	395	739	856	1,061	943	1,381	1,970	2,308	2,805
Government [1]	874	670	871	900	1,015	3,639	899	47	657	580
Supplementary medical insurance (SMI) [5]	2,189	4,586	10,466	15,013	15,981	19,097	22,221	23,863	23,524	30,969
Aged	1,096	1,759	2,707	3,356	3,341	3,845	4,721	5,105	5,218	6,747
Disabled	(X)	158	304	366	356	391	445	508	504	661
Government	1,093	2,648	7,455	11,291	12,284	14,861	17,054	18,250	17,802	23,560
Railroad retirement [6]	868	1,506	2,630	2,627	3,304	3,604	[4] 4,803	[4] 4,966	[4] 4,811	(NA)
Employer	510	1,146	1,722	1,617	2,036	2,014	2,379	2,417	2,413	(NA)
Employee	439	356	594	684	858	849	1,022	1,110	1,120	(NA)
Government [1]	19	4	313	126	410	741	1,068	1,099	873	(NA)
Federal civil service	3,870	9,507	19,986	22,554	23,964	25,124	25,566	27,160	(NA)	(NA)
Employer (Federal and DC govt.)	2,001	6,905	16,220	18,506	19,736	20,673	20,900	22,472	(NA)	(NA)
Employee [7]	1,869	2,600	3,766	4,048	4,228	4,451	4,666	4,688	(NA)	(NA)
State and local government [8]	7,895	14,560	25,854	27,896	30,782	32,790	34,309	(NA)	(NA)	(NA)
Employer (government)	4,920	9,880	18,776	20,190	22,366	24,050	25,305	(NA)	(NA)	(NA)
Employee	2,975	4,680	6,878	7,706	8,416	8,740	9,004	(NA)	(NA)	(NA)

NA Not available. X Not applicable.
[1] 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. [2] See footnotes 4, 5, and 6, table 576.
[3] 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. [4] Includes other sources not shown separately.
[5] Includes premiums paid on behalf of eligibles by State governments under "buy-in" arrangements. [6] Excludes HI contributions and includes employer contributions to supplement benefit account. [7] Includes voluntary contributions to purchase additional annuity. [8] Estimated.

No. 575. Social Security (OASDI)—Covered Employment and Earnings: 1970 to 1987

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

ITEM	Unit	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
Living covered workers [1]	Million	133.5	145.2	159.0	161.5	163.4	165.6	167.6	169.5	171.4	173.3
With insured status [2]	Million	105.3	120.0	136.7	140.3	142.9	144.5	145.9	147.9	150.5	152.7
Male	Million	61.7	68.1	75.4	76.8	77.7	78.2	78.8	79.6	80.6	81.5
Female	Million	43.6	51.9	61.3	63.5	65.1	66.2	67.2	68.3	69.9	71.2
Under 25 years old	Million	17.7	21.6	25.3	26.0	25.3	24.4	23.1	22.2	21.9	21.4
25–34 years old	Million	22.2	28.5	34.8	36.4	37.3	38.0	38.6	39.3	40.1	40.7
35–44 years old	Million	19.0	19.1	22.4	23.1	24.4	25.9	27.2	28.6	29.9	31.3
45–54 years old	Million	19.2	19.4	18.7	18.6	18.6	18.6	18.8	19.0	19.3	19.8
55–61 years old	Million	10.5	11.6	12.6	12.7	12.8	12.8	12.7	12.6	12.6	12.4
62–64 years old	Million	3.7	4.2	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.2
65–69 years old	Million	5.0	5.9	6.7	6.8	7.0	7.0	7.1	7.3	7.5	7.6
70 years old and over	Million	8.0	9.7	11.7	12.0	12.6	13.0	13.4	13.8	14.0	14.3
Workers reported with—											
Taxable earnings [3]	Million	93	100	114	116	113	113	119	122	125	128
Maximum earnings [3]	Million	24	15	10	9	8	7	7	7	7	7
Earnings in covered employment	Bil. dol.	532	787	1,321	1,448	1,512	1,608	1,770	1,907	2,038	2,162
Reported taxable [3]	Bil. dol.	416	665	1,175	1,301	1,357	1,449	1,603	1,719	1,844	1,960
Percent of total	Percent	78.2	84.5	88.9	89.8	89.7	90.1	90.6	90.1	90.5	90.6
Average per worker:											
Total earnings	Dollar	5,711	7,854	11,558	12,521	13,431	14,183	14,926	15,653	16,371	16,910
Taxable earnings [3]	Dollar	4,464	6,634	10,282	11,250	12,048	12,776	13,522	14,113	14,810	15,326

[1] Estimated number of persons who had covered employment at any time during the period 1937 to year shown; not adjusted to reflect effect of (a) provisions that coordinate the OASDI and railroad retirement programs and (b) wage credits for military service. Only partially adjusted to eliminate duplicate count of persons with taxable earnings reported on more than one account number; effect of such duplication is substantially less significant for the insured than for the uninsured. Includes persons currently insured and not insured, not shown separately. [2] Fully insured for retirement and/or survivor benefits as of beginning of year.
[3] Includes self-employment. See table 576 for maximum taxable earnings.

Source of tables 574 and 575: U.S. Social Security Administration, *Annual Statistical Supplement* to the *Social Security Bulletin*, and unpublished data.

No. 576. Social Security (OASDHI)—Contribution Rates: 1970 to 1990

[As of January 1, except as noted. Effect of changes represents first full-year effect on contributions of changes in taxable wage base and combined tax rate. OASDI=Old-age, survivors, and disability insurance; HI=Hospital insurance]

Year	Annual maximum taxable earnings (dol.)	Maximum tax (dol.)	Contribution rates (percent): Each employer and employee: Total	OASDI	HI	Self-employed: Total	OASDI	HI	Supplementary medical insurance, monthly rate (dol.)	Effect on contributions of changes in wage base and/or tax rate (bil. dol.): Total	Wage base	Tax rate
In effect:												
1970	7,800	374	4.80	4.20	.60	6.90	6.30	.60	[1] 5.30	(2)	(2)	(2)
1975	14,100	825	5.85	4.95	.90	7.90	7.00	.90	6.70	1.4	1.4	(2)
1980	25,900	1,588	6.13	5.08	1.05	8.10	7.05	1.05	[1] 9.60	3.6	3.6	(2)
1981	29,700	1,975	6.65	5.35	1.30	9.30	8.00	1.30	[1] 11.00	16.9	4.2	12.7
1982	32,400	2,171	*6.70*	*5.40*	*1.30*	*9.35*	*8.05*	*1.30*	[1] *12.20*	*4.1*	*2.8*	*1.3*
1983	35,700	2,392	6.70	5.40	1.30	9.35	8.05	1.30	12.20	3.1	3.1	(2)
1984	37,800	[3] 2,533	[4] 7.00	5.70	1.30	[5] 14.00	11.40	2.60	14.60	[6] 10.9	1.9	[6] 9.0
1985	39,600	2,792	7.05	5.70	1.35	[5] 14.10	11.40	2.70	15.50	3.4	1.7	1.7
1986	42,000	3,003	7.15	5.70	1.45	[5] 14.30	11.40	2.90	15.50	6.2	2.5	3.7
1987	43,800	3,132	*7.15*	*5.70*	*1.45*	[5] *14.30*	*11.40*	*2.90*	*17.90*	*2.2*	*2.2*	(2)
1988	45,000	3,380	7.51	6.06	1.45	[5] 15.02	12.12	2.90	24.80	16.4	1.3	15.1
1989	(7)	(7)	7.51	6.06	1.45	[5] 15.02	12.12	2.90	(NA)	(NA)	(NA)	(NA)
Future schedule:												
1990 and thereafter	(7)	(7)	7.65	6.20	1.45	15.30	12.40	2.90	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] Effective July 1. [2] No increase occurred. [3] Employee's maximum tax; see footnote 4. [4] Employee pays 6.7 percent. Employee's additional .3 percent is supplied from general revenues. [5] 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. [6] $4.5 billion of this increase was offset by employee tax credit. [7] Will be adjusted by Federal law to reflect increasing average earnings levels.

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

No. 577. Social Security Trust Funds: 1970 to 1987

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

Type of trust fund	1970	1975	1980	1982	1983	1984	1985	1986	1987
Old-age and survivors insurance (OASI):									
Net contribution income [1]	30,258	56,816	103,456	123,673	138,337	166,957	180,165	194,165	205,992
Transfers from general revenue [2]	*449*	*425*	*540*	*680*	*5,541*	*105*	*2,203*	*160*	*55*
Interest received [3]	1,515	2,364	1,845	845	6,706	2,566	1,871	3,069	4,660
Benefit payments [4]	28,798	58,517	105,083	[5] 138,806	149,221	157,841	167,248	176,813	183,587
Assets, end of year	32,454	36,987	22,823	[6] 22,088	[6] 19,672	[6] 27,117	[6] 35,842	39,081	62,149
Reserve ratio [7] (percent)	111	62	21	16	13	17	21	22	33
Disability insurance (DI):									
Net contribution income [1]	4,481	7,444	13,255	21,995	17,991	16,135	17,413	18,637	19,655
Transfers from general revenue [2]	16	90	130	174	1,121	–	1,017	–	–
Interest received [3]	277	502	485	546	1,569	1,174	870	803	648
Benefit payments [4]	3,085	8,505	15,515	[6] 17,376	17,524	17,898	18,827	19,853	20,519
Assets, end of year	5,614	7,354	3,629	[6] 2,691	[6] 5,195	[6] 3,959	[6] 6,321	7,780	6,658
Reserve ratio [7] (percent)	174	84	23	15	29	21	33	38	31
Hospital insurance (HI):									
Net contribution income [1 8]	4,881	11,509	23,866	34,610	38,169	42,468	47,617	54,626	58,367
Transfers from general revenue [10]	*874*	*670*	*871*	*1,015*	*2,756*	*752*	*47*	*657*	*447*
Interest received [3]	158	663	1,149	2,022	3,285	3,150	3,362	3,619	4,874
Benefit payments	5,124	11,315	25,064	35,631	39,397	43,257	47,480	49,758	49,496
Assets, end of year	3,202	10,517	13,749	[11] 8,164	[11] 12,858	[11] 15,691	[11] 20,499	39,957	53,732
Reserve ratio [7] (percent)	61	91	54	23	32	36	42	79	107
Supplementary medical insurance (SMI):									
Net premium income	1,096	1,918	3,011	[12] 3,697	4,236	5,167	5,613	5,722	7,409
Transfers from general revenue	1,093	2,648	7,455	[12] 12,284	14,861	17,054	18,250	17,802	23,560
Interest received	12	106	408	599	725	959	1,243	1,141	875
Benefit payments	1,975	4,273	10,635	15,455	18,106	19,661	22,947	26,239	30,820
Assets, end of year	188	1,444	4,590	6,230	7,070	9,698	10,924	8,291	8,394
Reserve ratio [7] (percent)	8	30	40	38	37	47	46	30	26

– Represents zero. [1] 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 1984–87; and taxation of benefits.* [2] Includes payments (1) for costs of noncontributory wage credits for military service performed before 1957; (2) in 1975–82, for costs of deemed wage credits for military service performed after 1956; and, for OASI only, (3) for costs of benefits to certain uninsured persons who attained age 72 before 1968. [3] 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 1982–1986 reflect interest on intertrust borrowing.* [4] *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. [5] Data adjusted to reflect 12 months of benefit payments. [6] Includes $18 billion borrowed from the DI and HI Trust Funds. Repayments on Jan. 31, 1985, reduced such amounts to $13.2 billion. [7] *Assets at end of year as a percentage of benefit payments and administrative expenses during the year.* [8] Excludes $5 billion *lent to the OASI Trust Fund. Repayment on Jan. 31, 1985, reduced the total to $2.5 billion.* [9] *Beginning in 1975, includes* premiums from aged ineligibles enrolled in HI. [10] Represents Federal Government transfers from general-fund appropriations to meet costs of benefits for persons not insured for cash benefits under OASDI–HI or railroad retirement and for costs of benefits arising from military wage credits. [11] Excludes $12 billion lent to the OASI Trust Fund. Repayment on Jan. 31, 1985, reduced *the total to $10.8 billion.* [12] Data adjusted to reflect 12 months of premium and general revenue income.

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. 578. Social Security (OASDI)—Benefits, by Type of Beneficiary: 1970 to 1987

[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 575; Appendix III; and *Historical Statistics, Colonial Times to 1970*, series H 197-229]

TYPE OF BENEFICIARY	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
	BENEFITS IN CURRENT-PAYMENT STATUS [1] (end of year)									
Number of benefits (1,000)	**26,229**	**32,086**	**35,585**	**36,006**	**35,839**	**36,085**	**36,479**	**37,058**	**37,703**	**38,190**
Retired workers [2] (1,000)	13,349	16,588	19,562	20,195	20,763	21,419	21,906	22,432	22,980	23,440
Disabled workers [3] (1,000)	1,493	2,489	2,859	2,777	2,604	2,569	2,597	2,657	2,728	2,786
Wives and husbands [2 4] (1,000)	2,952	3,320	3,477	3,459	3,405	3,347	3,355	3,375	3,387	3,381
Children (1,000)	4,122	4,972	4,607	4,430	3,883	3,593	3,408	3,319	3,295	3,244
Under age 18	3,315	3,835	3,423	3,206	2,934	2,812	2,729	2,699	2,665	2,604
Disabled children [5]	271	362	450	463	472	488	506	526	545	561
Students [6]	537	774	733	761	476	293	173	94	84	79
Of retired workers	546	643	639	633	558	512	477	457	450	440
Of deceased workers	2,688	2,919	2,610	2,546	2,321	2,146	2,010	1,917	1,878	1,836
Of disabled workers	889	1,411	1,358	1,252	1,004	936	921	945	966	968
Widowed mothers [7] (1,000)	523	582	562	548	515	400	382	372	351	329
Widows and widowers [2 8] (1,000)	3,227	3,889	4,411	4,508	4,595	4,694	4,779	4,863	4,928	4,984
Parents [2] (1,000)	29	21	15	14	12	11	10	10	9	8
Special benefits [9] (1,000)	534	224	93	76	63	51	40	32	25	19
Average monthly benefit, current dollars:										
Retired workers [2]	118	207	341	386	419	441	461	479	489	513
Retired worker and wife [2]	199	344	567	(NA)	702	743	780	814	831	873
Disabled workers [3]	131	226	371	413	441	456	471	484	488	508
Wives and husbands [2 4]	59	100	164	186	203	217	227	236	241	253
Children of retired workers	45	77	140	161	165	176	186	198	204	216
Children of deceased workers	82	139	240	271	285	298	314	330	337	352
Children of disabled workers	39	62	110	123	128	136	139	142	141	146
Widowed mothers [7]	87	147	246	277	303	309	322	332	338	353
Widows and widowers, nondisabled [2]	102	194	311	349	379	396	415	433	444	468
Parents [2]	103	172	276	310	335	350	364	378	386	407
Special benefits [9]	45	69	105	116	125	129	134	138	140	145
Average monthly benefit, constant (1987) dollars: [10]										
Retired workers [2]	342	430	456	474	495	502	505	506	511	513
Retired worker and wife [2]	577	715	758	(NA)	830	846	855	860	868	873
Disabled workers [3]	380	470	496	507	521	519	516	511	509	508
Wives and husbands [2 4]	171	208	219	228	240	247	249	249	252	253
Children of deceased workers	238	289	321	333	337	339	344	348	353	352
Widowed mothers [7]	252	306	329	340	358	352	353	351	353	353
Widows and widowers, nondisabled [2]	296	403	416	429	448	451	455	457	464	468
	BENEFITS AWARDED DURING YEAR (1,000)									
Number of benefits	**3,722**	**4,427**	**4,215**	**4,059**	**3,859**	**3,756**	**3,691**	**3,796**	**3,853**	**3,734**
Retired workers [2]	1,338	1,506	1,620	1,600	1,625	1,670	1,607	1,690	1,734	1,682
Disabled workers [3]	350	592	389	345	299	311	362	377	417	416
Wives and husbands [2 4]	436	499	469	437	430	436	425	440	441	411
Children	1,091	1,332	1,174	1,094	922	753	722	714	701	685
Widowed mothers [7]	112	116	108	100	87	82	74	72	69	65
Widows and widowers [2 8]	363	377	452	481	495	502	500	502	491	475
Parents [2]	2	1	1	1	1	(Z)	(Z)	(Z)	(Z)	(Z)
Special benefits [9]	30	4	1	1	1	1	1	1	(Z)	(Z)
	BENEFIT PAYMENTS DURING YEAR (mil. dol.)									
Total amount [11]	**31,863**	**66,923**	**120,472**	**140,995**	**156,137**	**167,033**	**175,762**	**186,195**	**196,692**	**204,156**
Monthly benefits [12]	31,570	66,586	120,118	140,662	155,934	166,827	175,551	185,988	196,489	203,953
Retired workers [2]	18,437	38,078	70,359	83,614	95,123	103,578	109,957	116,823	123,584	128,513
Disabled workers [3]	2,448	6,908	12,817	14,379	14,810	15,196	15,623	16,483	17,409	18,053
Wives and husbands [2 4]	2,194	4,104	7,043	8,228	9,191	9,934	10,396	11,061	11,700	12,130
Children	3,517	6,643	10,514	11,764	11,302	10,782	10,651	10,710	10,899	10,956
Under age 18	2,701	4,823	7,374	8,088	8,312	8,330	8,401	8,502	8,687	8,516
Disabled children [5]	250	537	1,048	1,236	1,387	1,497	1,621	1,760	1,961	2,010
Students [6]	566	1,283	2,093	2,461	1,602	955	629	447	251	429
Of retired workers	303	634	1,142	1,321	1,223	1,143	1,135	1,140	1,166	1,183
Of deceased workers	2,760	4,868	7,389	8,307	8,204	7,911	7,775	7,762	7,843	7,846
Of disabled workers	454	1,121	1,982	2,136	1,875	1,728	1,741	1,809	1,890	1,926
Widowed mothers [7]	574	1,009	1,572	1,760	1,861	1,771	1,474	1,474	1,457	1,388
Widows and widowers [2 8]	4,055	9,596	17,638	20,749	23,488	25,425	27,325	29,330	31,345	32,833
Parents [2]	39	50	55	58	59	56	53	51	48	44
Special benefits [9]	306	198	119	110	100	85	71	57	47	36
Lump sum	294	337	355	332	203	205	212	207	203	203

NA Not available. Z Fewer than 500. [1] 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. [2] 62 years and over. [3] Disabled workers under age 65. [4] Includes wife beneficiaries with entitled children in their care and entitled divorced wives. [5] 18 years old and over. Disability began before age 18 and, beginning 1973, before age 22. [6] Full-time students aged 18-21 through 1984 and aged 18 and 19 beginning 1985. [7] Includes surviving divorced mothers with entitled children in their care and, beginning June 1975, widowed fathers with entitled children in their care. [8] 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. [9] Benefits for persons aged 72 and over not insured under regular or transitional provisions of Social Security Act. [10] Constant dollar figures are based on the consumer price index published by the U.S. Bureau of Labor Statistics; see table 758. [11] Represents total disbursements of benefit checks by the U.S. Dept. of the Treasury during the years specified. [12] Distribution by type estimated.

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

No. 579. Social Security (OASDI)—Beneficiaries, Annual Payments, and Average Monthly Benefit, 1970 to 1987, and by States and Other Areas, 1987

[Number of beneficiaries in current-payment status and average monthly benefit as of **December**. OASDI=Old-age, survivors, and disability insurance. See also headnote, table 578, and Appendix III]

Year, division, and state or other area	Number of beneficiaries (1,000)				Annual payments (mil. dol.)				Average monthly benefit (dol.)		
	Total	Retired workers and dependents [1]	Survivors	Disabled workers and dependents	Total	Retired workers and dependents [1]	Survivors [2]	Disabled workers and dependents	Retired workers [3]	Disabled workers	Widows and widowers [4]
1970	26,229	17,093	6,470	2,665	31,863	21,076	7,721	3,067	118	131	102
1975	32,086	20,323	7,411	4,353	66,923	42,645	15,864	8,414	207	226	194
1980	35,585	23,309	7,598	4,678	120,472	78,025	27,010	15,437	341	371	311
1982	35,839	24,425	7,442	3,973	156,137	104,965	33,815	17,338	419	441	379
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	498	444
1987, total	**38,190**	**26,988**	**7,157**	**4,045**	**204,156**	**141,329**	**42,315**	**20,512**	**513**	**508**	**466**
U.S	**37,283**	**26,455**	**6,954**	**3,874**	**200,995**	**139,562**	**41,490**	**19,923**	**515**	**511**	**471**
New England	**2,080**	**1,558**	**337**	**186**	**11,656**	**8,552**	**2,143**	**961**	(NA)	(NA)	(NA)
Maine	208	149	36	23	1,045	727	210	108	472	473	450
New Hampshire	153	116	24	14	846	625	151	70	515	503	488
Vermont	84	61	15	9	447	314	90	43	504	488	465
Massachusetts	948	709	156	84	5,276	3,848	991	437	516	501	494
Rhode Island	177	133	27	18	983	722	169	92	512	487	488
Connecticut	509	391	80	38	3,059	2,316	532	211	561	516	521
Middle Atlantic	**6,189**	**4,512**	**1,107**	**571**	**35,942**	**25,665**	**7,090**	**3,187**	(NA)	(NA)	(NA)
New York	2,804	2,044	485	275	16,420	11,794	3,093	1,533	550	533	504
New Jersey	1,202	890	206	107	7,168	5,220	1,340	608	560	532	514
Pennsylvania	2,183	1,578	416	189	12,354	8,651	2,657	1,046	532	529	496
East North Central	**6,609**	**4,638**	**1,272**	**699**	**37,405**	**25,600**	**8,065**	**3,740**	(NA)	(NA)	(NA)
Ohio	1,749	1,197	357	195	9,701	6,426	2,251	1,024	528	530	493
Indiana	883	617	168	98	4,976	3,408	1,053	515	537	527	495
Illinois	1,720	1,232	327	161	9,905	6,983	2,075	867	546	528	504
Michigan	1,441	995	280	166	8,300	5,572	1,801	927	547	559	504
Wisconsin	816	597	140	79	4,523	3,231	885	407	526	515	491
West North Central	**2,950**	**2,155**	**542**	**252**	**15,621**	**11,092**	**3,263**	**1,266**	(NA)	(NA)	(NA)
Minnesota	649	486	114	49	3,423	2,474	698	251	499	497	468
Iowa	515	380	95	40	2,794	2,002	588	204	516	502	477
Missouri	890	628	166	95	4,673	3,216	978	479	499	501	462
North Dakota	110	80	22	8	547	385	124	38	483	466	447
South Dakota	125	91	24	10	611	430	135	46	470	468	440
Nebraska	263	196	48	19	1,397	1,011	290	96	505	494	473
Kansas	398	294	73	31	2,176	1,574	450	152	523	493	483
South Atlantic	**6,691**	**4,715**	**1,232**	**745**	**34,512**	**23,818**	**6,956**	**3,738**	(NA)	(NA)	(NA)
Delaware	98	71	17	10	554	390	109	55	535	513	494
Maryland	584	419	114	51	3,200	2,222	691	287	513	520	478
District of Columbia	80	57	16	7	382	266	80	36	442	445	404
Virginia	787	537	157	93	3,972	2,630	879	463	480	492	433
West Virginia	362	220	85	57	1,878	1,105	492	281	506	538	446
North Carolina	1,003	682	195	126	4,920	3,296	1,014	610	472	472	403
South Carolina	506	330	103	73	2,472	1,593	528	351	473	476	403
Georgia	832	533	176	123	4,046	2,548	919	579	468	477	411
Florida	2,439	1,866	369	205	13,088	9,768	2,244	1,076	512	517	483
East South Central	**2,530**	**1,606**	**553**	**371**	**12,034**	**7,477**	**2,857**	**1,700**	(NA)	(NA)	(NA)
Kentucky	624	389	137	98	2,996	1,811	732	453	466	499	415
Tennessee	787	519	163	105	3,832	2,482	862	488	471	477	414
Alabama	680	430	155	95	3,257	2,010	801	446	466	484	406
Mississippi	439	268	98	73	1,949	1,174	462	313	436	462	375
West South Central	**3,647**	**2,435**	**808**	**403**	**18,131**	**11,797**	**4,431**	**1,903**	(NA)	(NA)	(NA)
Arkansas	454	301	90	63	2,125	1,373	461	291	454	479	400
Louisiana	622	372	155	94	3,002	1,750	826	426	477	506	425
Oklahoma	513	360	105	48	2,601	1,771	590	240	487	494	440
Texas	2,058	1,402	457	198	10,403	6,903	2,554	946	494	498	449
Mountain	**1,772**	**1,282**	**309**	**181**	**9,307**	**6,569**	**1,823**	**915**	(NA)	(NA)	(NA)
Montana	131	93	24	14	685	471	144	70	501	512	471
Idaho	149	110	25	13	776	559	150	67	500	509	469
Wyoming	57	41	11	5	308	216	66	26	517	509	479
Colorado	386	275	71	41	2,019	1,389	426	204	502	507	471
New Mexico	201	135	40	25	972	644	213	115	484	498	436
Arizona	535	397	85	53	2,871	2,082	509	280	520	534	486
Utah	175	128	32	15	934	671	190	73	522	515	491
Nevada	138	103	21	14	742	537	125	80	514	534	485
Pacific	**4,814**	**3,553**	**794**	**467**	**26,388**	**19,011**	**4,867**	**2,510**	(NA)	(NA)	(NA)
Washington	671	501	107	63	3,743	2,724	681	338	532	526	496
Oregon	465	352	73	40	2,564	1,885	460	219	523	528	490
California	3,511	2,574	587	350	19,214	13,758	3,573	1,883	523	517	487
Alaska	29	18	7	4	152	96	38	18	519	525	446
Hawaii	138	108	20	10	715	548	115	52	502	504	457
Puerto Rico	553	301	103	149	1,775	901	369	505	324	415	293
Guam	4	2	1	1	14	8	5	1	375	425	328
American Samoa	3	1	1	1	7	3	3	1	307	358	268
Virgin Islands	9	6	2	1	40	27	9	4	457	453	391
Abroad	338	223	96	19	1,325	808	439	78	389	470	375

NA Not available. [1] Includes special benefits; see footnote 9, table 578. [2] Includes lump-sum payments to survivors of deceased workers. [3] Excludes persons with special benefits. [4] Nondisabled only.

Source: U.S. Social Security Administration. Quarterly in *Social Security Bulletin*.

No. 580. Pension Plan Coverage of Civilian Workers by Wage or Salary Income: 1986

[Covers civilian 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, AGE, RACE AND HISPANIC ORIGIN	NUMBER WITH COVERAGE (1,000)					PERCENT OF TOTAL CIVILIAN WORKERS				
	Total [1]	$5,000–$14,999	$15,000–$24,999	$25,000–$34,999	$35,000 and over	Total [1]	$5,000–$14,999	$15,000–$24,999	$25,000–$34,999	$35,000 and over
Total [2]	**49,578**	**10,333**	**15,983**	**11,365**	**10,395**	**42.6**	**29.3**	**60.9**	**73.4**	**76.0**
Male [3]	29,097	3,342	8,043	8,093	9,067	47.0	23.0	56.5	72.1	75.8
15–24 years old	1,744	701	637	206	34	13.4	15.5	40.4	52.7	44.2
25–34 years old	6,224	1,045	2,949	2,410	1,722	45.8	21.5	52.7	66.0	69.8
35–44 years old	8,533	589	2,028	2,608	3,228	62.2	26.5	60.3	76.7	76.2
45–54 years old	5,966	427	1,301	1,650	2,534	67.1	34.7	66.3	75.8	80.6
55–64 years old	4,102	454	1,010	1,131	1,411	62.7	36.1	67.2	77.7	79.0
Female [3]	20,481	6,989	7,940	3,271	1,328	37.6	33.7	66.1	76.8	76.9
15–24 years old	1,610	934	426	71	2	12.9	21.8	43.7	52.6	15.4
25–34 years old	6,143	1,936	2,641	965	364	39.4	31.5	60.9	70.2	73.4
35–44 years old	5,951	1,746	2,301	1,145	520	48.3	37.5	71.9	78.4	75.5
45–54 years old	3,907	1,247	1,534	727	278	50.7	41.1	72.8	84.4	81.8
55–64 years old	2,490	946	922	352	144	49.3	45.5	75.6	85.6	86.2
White	43,090	8,495	13,636	10,093	9,626	42.9	28.9	59.9	73.1	75.8
Black	5,152	1,594	1,941	929	467	41.2	33.2	70.3	78.1	80.7
Hispanic [4]	2,444	708	878	472	283	30.1	21.0	52.0	65.9	74.7

[1] Includes workers with income under $5,000, not shown separately. [2] Includes other races, not shown separately. [3] Includes persons 65 years old and over, not shown separately. [4] Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, forthcoming report.

No. 581. Assets of Private and Public Pension Funds, by Type of Fund: 1970 to 1987

[**In billions of dollars.** As of **end of year.** Except for corporate equities, represents book value. Excludes Social Security trust funds, see table 577]

TYPE OF PENSION FUND	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
Total, all types	**240.8**	**444.1**	**916.1**	**996.9**	**1,170.6**	**1,378.1**	**1,512.6**	**1,791.3**	**2,054.4**	**2,235.3**
Private funds	153.0	297.4	641.6	686.5	810.1	954.9	1,026.1	1,237.8	1,415.4	1,537.3
Insured	41.0	72.3	172.0	199.8	242.9	286.4	331.6	400.0	476.9	551.7
Noninsured [1]	112.0	225.0	469.6	486.7	567.2	668.5	694.5	837.8	938.5	985.5
Corporate equities [2]	67.9	110.8	230.6	222.6	266.2	320.6	317.5	412.3	481.4	489.5
U.S. Government securities	3.0	17.9	50.6	66.9	77.1	89.2	96.5	104.6	111.4	122.2
Corporate bonds [3]	29.4	41.9	77.7	83.3	89.8	100.3	110.5	121.0	128.3	147.4
Other	11.7	54.5	110.7	113.9	134.1	158.4	170.0	199.9	217.4	226.4
Public funds	87.8	146.7	274.5	310.4	360.5	423.2	486.5	553.5	638.9	698.0
State and local government	60.3	104.8	198.1	224.2	262.5	311.2	356.6	404.7	469.4	508.5
Corporate bonds [3]	35.1	61.8	94.5	103.8	107.3	106.6	118.1	129.0	139.8	136.2
Corporate equities	10.1	24.3	44.3	47.8	60.2	89.6	96.5	120.1	150.2	172.6
U.S. Government securities	6.6	7.8	40.0	51.8	71.2	88.2	111.2	123.5	144.2	162.7
Other	8.6	10.9	19.2	20.8	23.9	26.8	30.7	32.1	35.3	37.0
U.S. Government	27.5	41.9	76.4	86.2	97.9	112.0	130.0	148.8	169.6	189.5
Civil service [4]	23.0	36.5	73.9	84.8	97.4	111.4	126.9	144.6	163.4	182.7
Railroad retirement	4.5	3.4	2.5	1.4	.5	.6	3.1	4.2	6.2	6.8

[1] Covers all pension funds of corporations, nonprofit organizations, unions, and multi-employer groups. Also includes deferred profit-sharing plans; excludes health, welfare, and bonus plans. [2] Includes mutual fund shares. [3] Includes foreign bonds. [4] Includes U.S. Foreign Service Retirement and Disability Trust Fund.

Source: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts, Assets and Liabilities Outstanding, 1957–83; Annual Statistical Digest,* and unpublished data.

No. 582. Individual Retirement Accounts (IRA) Plans—Value, by Type of Holder: 1981 to 1987

[**As of December 31.** Estimated]

TYPE OF HOLDER	AMOUNT (bil. dol.)							PERCENT DISTRIBUTION		
	1981	1982	1983	1984	1985	1986	1987	1981	1985	1987
Total	**26.1**	**52.4**	**91.3**	**132.1**	**199.7**	**277.1**	**333.8**	**100.0**	**100.0**	**100.0**
Savings institutions	14.2	20.2	31.7	43.4	56.4	69.0	77.1	54.4	28.2	23.1
Commercial banks	5.8	13.6	26.5	37.2	51.5	67.0	77.0	22.2	25.8	23.1
Mutual funds	2.6	5.7	10.7	16.5	31.6	53.7	72.2	9.9	15.8	21.6
Self directed	(NA)	5.5	8.4	14.6	29.4	44.9	58.9	(NA)	14.7	17.6
Life insurance companies	3.3	5.8	9.0	12.6	16.9	22.0	26.0	12.6	8.5	7.8
Credit unions	.2	1.6	5.0	7.8	13.9	20.5	22.6	.8	7.0	6.8

NA Not available.

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

No. 583. Public Employee Retirement Systems—Beneficiaries and Benefits: 1970 to 1986

[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 [1]	Civil service	Armed Forces				Monthly	Lump-sum
Beneficiaries:										
1970	1,000	3,050	1,759	958	773	1,291	2,204	419	427	(x)
1975	1,000	4,428	2,480	1,372	1,073	1,948	3,243	549	636	(x)
1980	1,000	5,659	3,052	1,675	1,330	2,607	4,200	708	751	(x)
1984	1,000	6,693	3,419	1,910	1,458	3,274	5,127	730	836	(x)
1985	1,000	6,864	3,478	1,955	1,487	3,386	5,313	689	872	(x)
1986	1,000	7,107	3,588	2,008	1,517	3,519	5,495	692	911	(x)
Benefits:										
1970	Mil. dol	9,355	6,075	2,820	3,133	3,280	7,210	1,312	645	189
1975	Mil. dol	21,617	14,592	7,532	6,808	7,025	17,200	2,707	1,439	271
1980	Mil. dol	41,060	28,042	15,065	12,478	13,018	32,416	5,371	2,896	377
1984	Mil. dol	58,624	38,824	21,509	16,607	19,800	45,854	7,676	4,556	538
1985	Mil. dol	64,858	40,998	22,840	17,416	23,860	52,600	6,696	4,768	680
1986	Mil. dol	68,960	42,169	23,698	17,713	26,791	55,822	7,023	5,069	1,046

X Not applicable. [1] Includes other Federal systems, not shown separately.

No. 584. Public Employee Retirement Systems—Average Annual Benefits per Annuitant in Current and Constant (1986) Dollars: 1970 to 1986

Year	All governments				Federal				State and local			
	Total	Age and service	Disability	Survivor	Total	Age and service	Disability	Survivor	Total	Age and service	Disability	Survivor
CURRENT DOLLARS												
1970	3,005	3,271	3,136	1,512	3,440	4,065	3,174	1,446	2,413	2,452	2,985	1,667
1975	4,821	5,304	4,931	2,263	5,875	6,873	5,254	2,558	3,478	3,690	3,867	1,719
1980	7,190	7,719	7,588	3,855	9,181	10,529	8,324	4,481	4,859	5,029	5,821	2,624
1984	8,759	8,944	10,515	5,450	11,355	12,820	10,844	6,003	6,048	5,744	9,767	4,091
1985	9,449	9,900	9,718	5,468	11,788	13,380	10,213	6,163	7,047	7,021	8,610	3,794
1986	9,703	10,159	10,150	5,564	11,753	13,448	10,613	6,185	7,613	7,484	9,180	4,060
CONSTANT (1986) DOLLARS [1]												
1970	8,006	8,715	8,355	4,028	9,165	10,830	8,457	3,853	6,429	6,533	7,900	4,441
1975	9,308	10,241	9,520	4,369	11,343	13,270	10,144	4,939	6,715	7,124	7,466	3,319
1980	9,490	10,188	10,015	5,088	12,118	13,897	10,987	5,914	6,413	6,638	7,683	3,463
1984	9,261	9,457	11,118	5,763	12,006	13,555	11,466	6,347	6,395	6,073	10,327	4,326
1985	9,651	10,112	9,926	5,585	12,041	13,667	10,432	6,295	7,198	7,172	8,795	3,875
1986	9,703	10,159	10,150	5,564	11,753	13,448	10,613	6,185	7,613	7,484	9,180	4,060

[1] Constant dollar figures are based on implicit price deflators for personal consumption expenditures supplied by U.S. Bureau of Economic Analysis.

Source of tables 583 and 584: U.S. Social Security Administration, *Social Security Bulletin,* May 1988; and unpublished data.

No. 585. Federal Civil Service Retirement: 1970 to 1987

[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	1975	1980	1982	1983	1984	1985	1986	1987
Employees covered	1,000	2,650	2,670	2,720	2,700	2,660	2,660	2,750	2,800	2,800
Annuitants, total	1,000	958	1,372	1,675	1,828	1,870	1,910	1,955	2,008	2,032
Age and service	1,000	477	732	905	1,010	1,045	1,082	1,454	1,492	1,504
Disability	1,000	185	258	343	348	343	338			
Survivors	1,000	296	382	427	470	482	490	501	516	528
Receipts, total [1]	Mil. dol	4,683	11,377	24,389	32,353	34,772	36,734	40,790	43,216	43,908
Employee contributions	Mil. dol	1,740	2,554	3,686	4,171	4,399	4,608	4,679	4,714	4,641
Federal government contributions	Mil. dol	1,952	6,707	15,562	19,443	20,615	20,848	22,301	22,980	23,144
Disbursements, total [2]	Mil. dol	2,752	7,207	14,977	19,656	20,889	21,951	23,203	24,694	25,772
Age and service annuitants [3]	Mil. dol	2,129	6,052	12,639	16,406	17,602	18,403	19,414	20,112	20,846
Survivors	Mil. dol	389	908	1,912	2,533	2,783	2,943	3,158	3,304	3,485
Average monthly benefit:										
Age and service	Dollars	362	620	992	1,117	1,150	1,149	1,189	1,197	1,213
Disability	Dollars	221	406	723	820	851	851	881	881	893
Survivors	Dollars	116	209	392	463	486	501	528	536	552
Cash and security holdings	Bil. dol	22.4	38.4	73.7	96.6	110.5	124.7	142.3	160.8	178.9

[1] Includes interest on investments. [2] Includes refunds, death claims, and administration. [3] Includes disability annuitants.

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

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NO. 586. STATE AND LOCAL GOVERNMENT RETIREMENT SYSTEMS—FINANCES: 1970 TO 1987

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

YEAR AND LEVEL OF GOVERNMENT	RECEIPTS					BENEFITS AND WITHDRAWALS			Cash and security holdings
	Total	Employee contributions	Government contributions		Earnings on investments	Total	Benefits	Withdrawals	
			State	Local					
1970: All systems	9,848	2,788	2,046	2,554	2,460	3,638	3,037	601	*54,918*
State-administered	7,184	2,149	1,978	1,237	1,821	2,382	1,913	469	39,966
Locally administered	2,664	639	67	1,318	639	1,256	1,124	132	14,952
1980: All systems	37,313	6,466	7,581	9,951	13,315	14,008	12,207	1,801	185,226
State-administered	28,603	5,285	7,399	5,611	10,308	10,257	8,809	1,448	144,682
Locally administered	8,710	1,180	181	4,340	3,008	3,752	3,399	353	40,544
1985: All systems	71,731	9,479	12,227	15,172	34,852	24,164	21,999	2,166	373,932
State-administered	*56,313*	*7,913*	*11,976*	*8,944*	*27,480*	*17,987*	*16,189*	*1,798*	*296,692*
Locally administered	15,418	1,567	251	6,228	7,372	6,177	5,810	367	77,240
1987: All systems	99,278	11,241	13,502	16,854	57,681	29,614	27,386	2,228	511,808
State-administered	77,604	9,428	13,199	10,031	44,947	22,189	20,537	1,652	407,147
Locally administered	21,674	1,814	303	6,823	12,734	7,425	6,849	576	104,661

Source: U.S. Bureau of the Census, *Finances of Employee-Retirement Systems of State and Local Governments*, series GF, No. 2, annual.

NO. 587. STATE UNEMPLOYMENT INSURANCE—SUMMARY: 1970 TO 1987

[See headnote, table 588]

ITEM	Unit	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
Insured unemployment, avg. weekly	1,000	1,805	3,986	3,350	3,047	4,061	3,396	2,476	2,611	2,641	2,332
Percent of covered employment [1]	Percent	3.4	6.0	3.9	3.5	4.6	3.9	2.8	2.9	2.8	2.4
Unemployment benefits, avg. weekly	Dollars	50	70	99	107	119	124	123	127	135	140
Percent of weekly wage	Percent	35.6	37.2	37.5	35.6	37.2	37.6	35.8	35.3	35.8	(NA)
Weeks compensated	Million	78.9	175.3	149.0	135.9	185.3	155.5	111.6	119.3	121.4	105.4
Beneficiaries, first payments	1,000	6,402	11,160	9,992	9,401	11,648	8,907	7,743	8,350	8,361	7,281
Average duration of benefits [2]	Weeks	12.3	15.7	14.9	14.5	15.9	17.5	14.4	14.3	14.5	14.5
Claimants exhausting benefits	1,000	1,295	4,195	3,072	2,989	4,175	4,180	2,600	2,575	2,688	2,410
Percent of first payment [3]	Percent	24.4	37.8	33.2	32.4	38.5	38.4	34.1	31.3	32.1	33.1
Contributions collected [4]	Bil. dol.	2.5	5.2	11.4	11.7	12.2	14.6	18.8	19.3	18.1	17.8
Benefits paid	Bil. dol.	3.8	11.8	13.8	13.3	20.7	17.8	12.6	14.0	15.4	14.2
Funds available for benefits [5]	Bil. dol.	11.9	4.5	11.4	11.6	7.5	7.3	11.6	16.0	19.6	25.2
Average employer contribution rate [6]	Percent	1.3	1.9	2.5	2.4	2.5	2.8	3.2	3.1	2.7	2.5

NA Not available. [1] Insured unemployment as percent of average covered employment in preceding year. [2] Weeks compensated divided by first payment. [3] Based on first payments for 12-month period ending June 30. [4] Contributions from employers; also employees in States which tax workers. [5] End of year. Sum of balances in State clearing accounts, benefit-payment accounts, and State accounts in Federal unemployment trust funds. [6] As percent of taxable wages.

NO. 588. STATE UNEMPLOYMENT INSURANCE, BY STATE AND OTHER AREAS: 1987

[Includes unemployment compensation for State and local government employees where covered by State law. For State data on insured unemployment, see table 653. See also *Historical Statistics, Colonial Times to 1970*, series H 305-317]

STATE	Avg. weekly unemployment benefits (dol.)	Beneficiaries, first payments (1,000)	Benefits paid (mil. dol.)	STATE	Avg. weekly unemployment benefits (dol.)	Beneficiaries, first payments (1,000)	Benefits paid (mil. dol.)	STATE	Avg. weekly unemployment benefits (dol.)	Beneficiaries, first payments (1,000)	Benefits paid (mil. dol.)
Total	**140**	**7,281**	**14,242**	KY	108	101	141	OH	149	302	652
AL	101	149	166	LA	142	150	382	OK	141	69	148
AK	159	45	117	ME	131	38	51	OR	143	113	222
AZ	120	72	122	MD	151	96	193	PA	158	418	926
AR	123	88	131	MA	174	178	422	RI	140	41	68
CA	121	986	1,841	MI	169	440	944	SC	104	82	88
CO	159	97	212	MN	*159*	*122*	*278*	*SD*	*112*	*10*	*11*
CT	165	93	162	MS	100	75	100	TN	98	148	167
DE	138	17	25	MO	114	153	225	TX	162	428	1,102
DC	177	21	68	MT	131	26	45	UT	156	42	93
FL	128	159	269	NE	112	37	50	VT	129	16	24
GA	120	199	236	NV	141	37	69	VA	133	118	128
HI	155	24	47	NH	122	19	12	WA	150	169	357
ID	136	41	67	NJ	*168*	*234*	*581*	WV	*145*	*59*	*126*
IL	147	321	830	NM	122	34	72	WI	144	180	323
IN	105	126	162	NY	140	478	1,108	WY	164	16	49
IA	143	67	131	NC	124	185	202	PR	72	70	91
KS	159	73	166	ND	144	18	38	VI	107	1	2

Source of tables 587 and 588: U.S. Employment and Training Administration, *Unemployment Insurance Statistics*, and *Annual Report of the Secretary of Labor*.

No. 589. Workers' Compensation Payments: 1970 to 1986

[**In millions of dollars, except as indicated.** See headnote, table 590. See also *Historical Statistics, Colonial Times to 1970*, series H 332-345]

ITEM	1970	1975	1976	1979	1980	1981	1982	1983	1984	1985	1986
Workers covered [1] (mil.)	59	67	76	79	79	78	77	78	82	84	86
Premium amounts paid	**4,894**	**8,972**	**17,200**	**20,343**	**22,256**	**23,014**	**22,764**	**23,048**	**25,122**	**29,320**	**34,125**
Private carriers	3,578	6,344	12,155	14,330	15,744	16,164	15,398	15,384	16,632	19,500	22,771
State funds	699	1,278	2,764	3,009	3,008	2,900	2,640	2,695	2,975	3,518	4,454
Federal programs [2]	152	435	672	1,017	1,142	1,174	1,509	1,458	1,569	1,721	1,771
Self-insurers	465	916	1,609	1,987	2,363	2,776	3,217	3,511	3,946	4,582	5,129
Annual benefits paid	**3,031**	**6,598**	**9,796**	**12,027**	**13,618**	**15,054**	**16,407**	**17,575**	**19,685**	**22,472**	**25,019**
By private carriers [3]	1,843	3,422	5,256	6,157	7,029	7,876	8,647	9,265	10,610	12,341	13,840
From State funds [4]	755	2,324	3,043	4,022	4,330	4,595	4,768	5,061	5,376	5,874	6,408
Employers' self-insurance [5]	432	852	1,497	1,848	2,259	2,583	2,993	3,249	3,700	4,257	4,771
Type of benefit:											
Medical/hospitalization	1,050	2,030	2,980	3,520	3,947	4,431	5,058	5,681	6,424	7,381	8,323
Compensation payments	1,981	4,568	6,816	8,507	9,671	10,623	11,349	11,894	13,261	15,090	16,696
Disability	1,751	3,843	5,851	7,232	8,359	9,224	9,862	10,385	11,666	13,379	14,935
Survivor	230	725	965	1,275	1,312	1,399	1,488	1,509	1,595	1,712	1,760
Percent of covered payroll:											
Workers' compensation costs [6 7]	1.11	1.32	1.86	1.95	1.96	1.85	1.75	1.67	1.64	1.81	1.98
Benefits [7]	.66	.83	.94	1.01	1.07	1.08	1.16	1.17	1.21	1.31	1.39

[1] Estimated per month. [2] Includes Federal employer compensation program and that portion of Federal black lung benefits program financed from employer contributions. [3] Net cash and medical benefits paid under standard workers' compensation policies. [4] Net cash and medical benefits paid by competitive and exclusive State funds and by Federal workers' compensation programs, including black lung benefit program. [5] 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. [6] 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. [7] 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. 590. Workers' Compensation Payments, by State: 1980 to 1986

[**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	1983	1984	1985	1986	STATE	1980	1983	1984	1985	1986
Total	**13,562**	**17,575**	**19,685**	**22,472**	**25,019**	Nevada	69	94	106	123	149
						New Hampshire	48	64	77	91	108
Alabama	112	147	166	203	244	New Jersey	316	395	444	501	547
Alaska	60	77	93	109	129	New Mexico	54	92	114	140	148
Arizona	120	171	165	198	206	New York	637	755	858	985	1,098
Arkansas	83	118	134	142	154	North Carolina	131	173	201	242	263
California	1,628	2,234	2,655	3,243	3,745	North Dakota	17	23	29	33	38
Colorado	115	210	251	284	355	Ohio	776	1,085	1,259	1,441	1,637
Connecticut	132	232	266	305	347	Oklahoma	134	228	266	291	269
Delaware	21	30	36	41	46						
						Oregon	275	313	346	396	452
District of Columbia	70	78	74	74	76	Pennsylvania	672	781	888	998	1,133
Florida	362	645	685	815	928	Rhode Island	55	79	85	97	113
Georgia	185	256	296	360	427	South Carolina	79	107	128	156	171
Hawaii	60	105	122	133	135	South Dakota	13	18	21	26	28
Idaho	38	46	56	66	67	Tennessee	129	149	175	204	234
Illinois	665	740	825	912	993	Texas	701	1,084	1,293	1,564	1,833
Indiana	101	129	134	152	174						
Iowa	99	110	120	121	131	Utah	39	51	66	80	92
Kansas	85	114	126	142	157	Vermont	15	24	25	30	35
Kentucky	161	168	194	225	245	Virginia	174	221	243	269	305
						Washington	324	532	627	785	819
Louisiana	301	415	431	466	504	West Virginia	176	222	249	285	322
Maine	81	145	170	211	253	Wisconsin	172	214	239	287	327
Maryland	187	255	272	306	328	Wyoming	14	44	48	47	51
Massachusetts	296	408	451	510	638						
Michigan	626	665	733	782	829	Federal programs:					
Minnesota	258	348	374	431	438	Civilian employees	776	919	1,004	1,055	1,116
Mississippi	60	73	83	98	122	Black lung benefits [1]	1,739	1,691	1,641	1,603	1,582
Missouri	124	172	195	237	270	Other [2]	8	6	9	7	9
Montana	41	66	79	102	123						
Nebraska	43	57	61	68	76						

[1] Includes payments by Social Security Administration and by Department of Labor. [2] 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*, January 1988 and unpublished data.

No. 591. Black Lung Benefit Program—Beneficiaries and Payments: 1975 to 1988

[**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	1986	1987	1988	1975	1980	1985	1986
Beneficiaries, total [1]	482	399	295	276	259	235	(NA)	139	160	156
Miners	165	120	78	70	64	55	(NA)	53	61	59
Widows	139	147	138	135	132	125	(NA)	27	38	39
Dependents [2]	177	133	79	70	64	55	(NA)	59	61	57
Payments (mil. dol.)	950	1,030	1,025	971	940	900	10	707	583	574

NA Not available. [1] As of end of year. [2] 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. 592. Persons With Work Disability, by Selected Characteristics: 1988

[*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 [1]	Male	Female	White	Black	Hispanic [2]
Persons with work disability	**13,420**	**6,706**	**6,714**	**10,544**	**2,512**	**1,011**
16-24 years old	1,285	674	610	963	291	125
25-34 years old	2,414	1,249	1,165	1,874	464	189
35-44 years old	2,455	1,308	1,147	1,957	433	217
45-54 years old	2,443	1,190	1,252	1,852	502	190
55-64 years old	4,825	2,285	2,540	3,898	822	290
Percent work disabled of total population	**8.6**	**8.7**	**8.4**	**7.9**	**13.7**	**8.2**
16-24 years old	3.8	4.1	3.6	3.5	6.1	3.7
25-34 years old	5.6	5.9	5.4	5.2	8.8	5.0
35-44 years old	7.1	7.7	6.5	6.6	11.7	8.3
45-54 years old	10.3	10.3	10.2	9.1	20.1	12.8
55-64 years old	22.3	22.4	22.2	20.4	39.6	25.4
Percent of work disabled—						
Receiving Social Security income	29.5	31.9	27.2	29.7	30.0	23.4
Receiving food stamps	18.8	15.7	22.0	14.4	37.0	31.5
Covered by Medicaid	21.6	18.1	25.2	17.8	37.0	32.8
Residing in public housing	4.6	3.3	6.0	2.5	12.7	7.3
Residing in subsidized housing	2.9	1.9	3.9	2.5	4.5	3.9

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

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

No. 593. Vocational Rehabilitation—Summary: 1970 to 1987

[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	1975	1980	1982	1983	1984	1985	1986	1987
Federal and State expenditures [1]	Mil. dol	558	867	[2] 1,076	1,167	1,254	1,366	1,452	1,506	1,649
Federal expenditures	Mil. dol	432	673	[2] 817	858	937	1,038	1,100	1,144	1,275
Applicants processed for program eligibility	1,000	608	837	717	594	602	594	594	594	594
Percent accepted into program	Percent	58	64	58	56	58	59	60	58	58
Total persons rehabilitated [3]	1,000	267.0	324.0	277.1	226.9	216.2	225.8	227.7	223.4	219.6
Rehabilitation rate [4]	Percent	77	70	64	61	62	63	64	64	63
Severely disabled persons rehabilitated [3 5]	1,000	(NA)	115.7	142.5	129.9	124.2	132.7	135.2	135.3	136.4
Rehabilitation rate [4]	Percent	(NA)	(NA)	61	59	59	61	62	62	62
Percent of total persons rehabilitated	Percent	(NA)	36	51	57	57	58	59	61	62
Persons served total [6]	1,000	876	1,244	1,095	959	939	936	932	924	917
Persons served, severely disabled [5 6]	1,000	(NA)	(NA)	606	572	562	565	581	580	584
Percent of total persons served	Percent	(NA)	(NA)	55	60	60	60	62	63	64

NA Not available. [1] Includes expenditures only under the basic support provisions of the Rehabilitation Act. [2] Estimates based on amounts appropriated. [3] Persons successfully placed into gainful employment. [4] Persons rehabilitated as a percent of all active case closures (whether rehabilitated or not). [5] 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. [6] 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. 594. Medicare Program—Enrollment and Payments: 1970 to 1987

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

TYPE OF INSURANCE	Unit	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986	1987
HOSPITAL AND/OR MEDICAL INSURANCE												
Enrollment, total	1,000	20,491	24,959	27,859	28,478	29,010	29,494	30,026	30,455	31,083	31,750	32,411
Benefit payments	Mil. dol	7,099	15,588	29,331	35,699	43,455	51,086	57,443	62,918	70,527	75,997	80,316
HOSPITAL INSURANCE												
Enrollment, total	1,000	20,361	24,640	27,459	28,067	28,590	29,069	29,587	29,998	30,589	31,216	31,853
Persons 65 and over	1,000	20,361	22,472	24,548	25,104	25,591	26,115	26,670	27,112	27,683	28,257	28,822
Disabled persons [1]	1,000	(x)	2,168	2,911	2,963	2,999	2,954	2,918	2,884	2,907	2,959	3,031
Benefit payments	Mil. dol	5,124	11,315	20,623	25,064	30,342	35,631	39,337	43,257	47,580	49,758	49,496
MEDICAL INSURANCE												
Enrollment, total	1,000	19,584	23,904	26,757	27,400	27,941	28,412	28,975	29,415	29,989	30,590	31,170
Persons 65 and over	1,000	19,584	21,945	24,098	24,680	25,182	25,707	26,292	26,764	27,311	27,863	28,382
Disabled persons [1]	1,000	(x)	1,959	2,659	2,719	2,759	2,705	2,682	2,651	2,678	2,727	2,788
Benefit payments	Mil. dol	1,975	4,273	8,708	10,635	13,113	15,455	18,106	19,661	22,947	26,239	30,820

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

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

No. 595. Medicare—Persons Served and Reimbursements: 1975 to 1986

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

TYPE OF COVERAGE AND SERVICE	Unit	PERSONS 65 YEARS OLD AND OVER				DISABLED PERSONS [1]			
		1975	1980	1985	1986	1975	1980	1985	1986
Persons served, total [2]	1,000	12,032	16,271	20,347	21,066	975	1,760	1,944	2,015
Hospital insurance [2]	1,000	4,963	6,024	6,058	6,018	475	728	662	669
Inpatient hospital	1,000	4,913	5,951	5,714	5,697	472	721	636	645
Skilled-nursing services	1,000	260	248	304	294	8	9	10	10
Home health services [3]	1,000	329	675	1,448	1,469	22	51	101	102
Supplementary medical insurance [2]	1,000	11,762	16,099	20,186	20,919	924	1,723	1,916	1,988
Physicians' and other medical services	1,000	11,396	15,627	19,590	20,316	865	1,631	1,820	1,888
Outpatient services	1,000	3,768	6,629	9,889	11,011	399	909	1,096	1,211
Home health services [3]	1,000	161	302	27	30	13	25	–	–
Persons served per 1,000 enrollees, total [2]	**Rate**	**528**	**638**	**722**	**732**	**450**	**594**	**669**	**681**
Hospital insurance [2]	Rate	221	240	219	213	219	246	228	226
Inpatient hospital	Rate	219	237	206	202	218	243	219	218
Skilled-nursing services	Rate	12	10	11	10	4	3	4	4
Home health services [3]	Rate	15	27	52	52	10	17	35	35
Supplementary medical insurance [2]	Rate	536	652	739	751	471	634	716	729
Physicians' and other medical services	Rate	519	633	717	729	442	600	680	692
Outpatient services	Rate	172	269	362	395	204	334	409	444
Home health services [3]	Rate	7	12	1	1	7	9	–	–
Reimbursements, total	**Mil. dol**	**12,689**	**29,134**	**56,199**	**60,459**	**1,509**	**4,478**	**7,495**	**8,123**
Hospital insurance	Mil. dol	9,209	20,353	37,360	39,285	987	2,765	4,785	5,103
Inpatient hospital	Mil. dol	8,840	19,583	35,313	37,181	968	2,714	4,638	4,949
Skilled-nursing services	Mil. dol	233	331	464	474	9	13	17	19
Home health services [3]	Mil. dol	136	440	1,583	1,630	10	38	130	135
Supplementary medical insurance	Mil. dol	3,481	8,781	18,839	21,174	522	1,713	2,709	3,020
Physicians' and other medical services	Mil. dol	3,050	7,361	15,309	16,887	295	997	1,712	1,871
Outpatient services	Mil. dol	374	1,261	3,499	4,249	221	701	997	1,149
Home health services [3]	Mil. dol	56	159	31	38	5	16	–	–
Reimbursements, per person served, total	**Dollars**	**1,055**	**1,791**	**2,762**	**2,870**	**1,548**	**2,544**	**3,855**	**4,032**
Hospital insurance	Dollars	1,855	3,379	6,167	6,528	2,077	3,798	7,224	7,623
Inpatient hospital	Dollars	1,799	3,291	6,181	6,526	2,051	3,765	7,295	7,678
Skilled-nursing services	Dollars	896	1,336	1,525	1,613	1,049	1,571	1,681	1,872
Home health services [3]	Dollars	413	652	1,093	1,110	478	733	1,286	1,319
Supplementary medical insurance	Dollars	296	545	933	1,012	565	994	1,414	1,519
Physicians' and other medical services	Dollars	268	471	781	831	341	611	941	991
Outpatient services	Dollars	99	190	354	386	554	771	909	948
Home health services [3]	Dollars	347	526	1,122	1,264	420	619	1,598	2,185

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

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

No. 596. Medicare—Hospital Utilization and Hospital and Physician Charges: 1970 to 1986

[Data reflect date expense was incurred based on bills submitted for payment and recorded in Health Care Financing Administration central records through March 1988. Includes Puerto Rico, Virgin Islands, Guam, other outlying areas and enrollees in foreign countries]

ITEM	Unit	PERSONS 65 YEARS OLD AND OVER					DISABLED PERSONS [1]			
		1970	1975	1980	1985	1986	1975	1980	1985	1986
Hospital inpatient care:										
Admissions	1,000	6,141	7,407	9,258	9,859	9,528	822	1,271	1,328	1,291
Per 1,000 enrollees [2]	Rate	302	330	369	356	337	379	429	457	436
Covered days of care	Millions	79	84	98	80	79	9	13	11	11
Per 1,000 enrollees [2]	Rate	3,902	3,731	3,885	2,890	2,796	4,198	4,549	3,784	3,717
Per admission	Days	12.9	11.3	10.5	8.1	8.3	11.1	10.6	8.3	8.5
Hospital covered charges	Mil. dol	5,968	12,099	28,615	49,247	53,436	1,371	4,087	6,579	7,205
Per covered day	Dollars	75	144	293	617	674	151	303	605	656
Percent of covered charges reimbursed	Percent	78.0	75.9	70.0	65.6	60.6	73.6	68.6	64.5	59.0
Physician allowed charges	Mil. dol	2,310	4,023	9,011	17,693	19,131	367	1,112	1,822	1,940
Percent reimbursed	Percent	71.9	74.3	78.0	79.0	79.1	76.1	78.7	78.8	78.7

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

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

No. 597. Medicare and Medicaid—Summary, by State and Other Areas: 1980 and 1987

[**1987 data are preliminary estimates.** For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, AND STATE	MEDICARE			MEDICAID [3]		
	Enrollment,[1] 1987 (1,000)	Payments [2] (mil. dol.)		Recipients,[4] 1987 (1,000)	Payments (mil. dol.)	
		1980	1987		1980	1987
Total	**32,411**	**35,699**	**80,316**	**23,183**	**23,311**	**45,098**
U.S.[5]	31,738	35,561	80,060	21,486	23,213	44,934
Region:						
Northeast	7,229	9,071	19,304	5,137	8,138	15,920
Midwest	8,082	9,507	20,571	5,282	5,637	10,789
South	10,752	10,412	24,540	6,175	5,558	11,094
West	5,655	6,529	15,612	4,892	3,878	7,131
N. Eng	**1,825**	**2,238**	**4,579**	**1,066**	**1,761**	**3,437**
ME	175	177	354	123	131	303
NH	130	120	256	33	72	142
VT	71	68	136	50	59	103
MA	844	1,179	2,295	541	1,009	1,844
RI	154	189	423	102	160	296
CT	451	505	1,115	217	350	749
Mid. Atl	**5,404**	**6,833**	**14,725**	**4,071**	**6,357**	**12,483**
NY	2,469	3,409	6,558	2,308	4,543	8,841
NJ	1,056	1,198	2,654	661	756	1,565
PA	1,879	2,226	5,513	1,102	1,058	2,077
E. No. Cent	**5,531**	**6,720**	**14,642**	**4,011**	**4,114**	**7,873**
OH	1,467	1,606	3,656	1,132	809	2,377
IN	725	719	1,567	301	354	924
IL	1,484	2,046	4,358	1,042	1,192	1,745
MI	1,171	1,620	3,548	1,125	1,072	1,823
WI	685	729	1,513	411	687	1,004
W. No. Cent	**2,550**	**2,787**	**5,929**	**1,271**	**1,523**	**2,916**
MN	565	594	1,270	337	590	1,097
IA	445	453	911	232	230	422
MO	754	888	2,048	369	295	619
ND	96	109	225	42	47	165
SD	107	96	202	40	55	116
NE	232	234	440	107	109	215
KS	352	413	834	144	197	282
So. Atl	*5,679*	*5,555*	*13,306*	*2,778*	*2,512*	*5,445*
DE	81	87	201	37	45	90
MD	506	622	1,395	312	322	765
DC	79	149	301	97	168	358
VA	670	614	1,230	318	360	662
WV	297	260	686	215	104	244
NC	821	642	1,448	386	401	825
SC	406	302	798	267	258	422
GA	685	601	1,526	506	462	901
FL	2,135	2,278	5,720	640	392	1,178
E. So. Cent	**2,070**	**1,878**	**4,275**	**1,485**	**1,150**	**2,146**
KY	510	437	946	411	296	606
TN	654	594	1,357	443	380	811
AL	553	523	1,215	289	263	366
MS	353	324	757	342	211	363
W. So. Cent	**3,002**	**2,979**	**6,958**	**1,912**	**1,896**	**3,503**
AR	377	333	785	212	235	410
LA	504	467	1,253	464	415	824
OK	432	443	848	250	265	502
TX	1,689	1,736	4,071	986	981	1,767
Mt	**1,470**	**1,304**	**3,215**	**527**	**505**	**1,086**
MT	110	99	197	58	62	122
ID	123	97	226	40	52	89
WY	47	44	93	27	14	45
CO	324	315	741	189	162	409
NM	*152*	*137*	*335*	*97*	*70*	*183*
AZ	445	383	1,093	(x)	(x)	(x)
UT	145	110	229	82	80	152
NV	114	119	301	34	45	86
Pac	**4,185**	**5,225**	**12,397**	**4,365**	**3,373**	**6,045**
WA	568	507	1,273	392	329	759
OR	394	385	856	168	179	254
CA	3,090	4,219	9,986	3,689	2,728	4,816
AK	20	18	48	28	28	77
HI	113	96	234	88	109	139
PR	407	124	226	1,683	97	160
Outlying areas	*11*	*4*	*9*	[6] *14*	[6] *2*	[6] *4*
Foreign	255	9	21	(x)	(x)	(x)

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

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

No. 598. Medicaid—Selected Characteristics of Persons Covered: 1980 to 1986

[**In thousands, except percent.** Represents number of persons as of **March** of following year who were enrolled at any time in year shown. Person did not have to receive medical care paid for by Medicaid in order to be counted. See headnote, table 569]

POVERTY STATUS	1980, total	1984, total	1985, total	1986							
				Total [1]	White	Black	Hispanic [2]	Under 15 years old	15–44 years old	45–64 years old	65 years and over
Persons covered, total	**16,966**	**19,348**	**19,204**	**19,739**	**12,689**	**6,200**	**2,833**	**7,384**	**7,698**	**1,913**	**2,743**
Below poverty level	11,113	13,207	12,652	12,805	7,635	4,643	2,029	5,751	4,952	1,048	1,053
Above poverty level	7,854	6,141	6,552	6,934	5,054	1,557	804	1,633	2,746	865	1,690
Percent of total population	**8.4**	**8.3**	**8.1**	**8.3**	**6.3**	**21.5**	**16.5**	**14.2**	**6.8**	**4.3**	**9.8**
Below poverty level	39.1	40.4	39.7	41.0	35.9	53.0	42.8	53.4	37.8	26.3	31.3
Above poverty level	4.0	3.1	3.2	3.3	2.8	7.8	6.5	4.0	2.7	2.1	6.9

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

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

No. 599. Medical Assistance (Medicaid)—Recipients and Payments, by Basis of Eligibility and Type of Service: 1975 to 1987

[**For fiscal year ending in year shown;** see text, section 9. Includes Puerto Rico and outlying areas. Excludes Arizona, which has no Title XIX (Medicaid) program. Medical vendor payments are those made directly to suppliers of medical care]

BASIS OF ELIGIBILITY AND TYPE OF SERVICE	RECIPIENTS (1,000)					PAYMENTS (mil. dol.)				
	1975	1980	1985	1986	1987	1975	1980	1985	1986	1987
Total [1]	**22,007**	**21,605**	**21,814**	**22,515**	**23,183**	**12,242**	**23,311**	**37,508**	**41,005**	**45,098**
Age 65 and over	3,615	3,440	3,061	3,140	3,260	4,358	8,739	14,096	15,097	16,133
Blindness	109	92	80	82	85	93	124	249	277	309
Disabled [2]	2,355	2,819	2,937	3,100	3,300	3,052	7,497	13,203	14,635	16,450
AFDC [3] program	14,127	14,210	15,275	15,676	15,848	4,248	6,354	9,160	10,015	11,139
Other	1,800	1,499	1,214	1,362	1,412	494	596	798	980	1,070
Inpatient services in—										
General hospital	3,432	3,680	3,434	3,544	3,783	3,374	6,412	9,453	10,364	11,299
Mental hospital	67	66	60	53	55	405	775	1,192	1,113	1,404
Intermediate care facilities:										
Mentally retarded	69	121	147	145	149	381	1,989	4,731	5,072	5,606
Other	682	789	828	828	842	1,885	4,202	6,516	6,773	7,310
Skilled nursing facility	630	609	547	571	574	2,434	3,685	5,071	5,660	5,971
Physicians	15,198	13,765	14,387	14,894	15,325	1,225	1,875	2,346	2,547	2,779
Dental	3,944	4,652	4,672	5,161	5,121	399	462	458	531	541
Other practitioner	2,673	3,234	3,357	3,451	3,592	127	198	251	252	265
Outpatient hospital	7,437	9,705	10,072	10,702	10,967	373	1,101	1,789	1,980	2,226
Clinic	1,086	1,531	2,121	2,027	2,143	389	320	714	807	955
Laboratory [4]	4,736	3,212	6,354	7,123	7,492	126	121	337	424	469
Home health	343	392	535	593	622	70	332	1,120	1,352	1,698
Prescribed drugs	14,155	13,707	13,921	14,704	15,130	815	1,318	2,315	2,692	2,999
Family planning	1,217	1,129	1,836	1,732	1,638	67	81	195	226	227

[1] For 1975, recipient data are unduplicated counts of persons receiving Medicaid at any time during year. Beginning 1980, recipient data do not add due to small number of recipients that are reported in more than one category. Includes recipients of and payments for other care not shown separately. [2] Permanently and totally. [3] Aid to families with dependent children. [4] Includes radiological services.

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

No. 600. Protection Against Short-Term Sickness Income Loss: 1970 to 1986

[**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	1975	1980	1981	1982	1983	1984	1985	1986
Short-term sickness: income loss	16,757	23,595	38,529	41,278	42,558	45,615	54,919	59,157	62,997
Total protection provided [1]	**5,888**	**9,002**	**14,426**	**15,113**	**16,269**	**16,411**	**17,742**	**19,429**	**19,928**
Protection as percent of loss	35.1	38.2	37.4	36.6	38.2	36.0	32.3	32.8	31.6
Benefits provided by protection:									
Individual insurance	694	973	1,280	1,291	1,595	1,152	1,410	1,796	1,774
Group benefits to workers in private employment	2,952	4,328	7,633	8,011	8,498	8,614	9,115	9,897	9,995
Private cash insurance [2]	1,476	2,011	3,271	2,959	2,931	2,708	2,507	2,601	2,275
Publicly operated cash sickness funds [3]	411	538	770	953	987	1,008	968	1,179	1,255
Sick leave	1,066	1,779	3,593	4,099	4,581	4,899	5,640	6,116	6,465
Sick leave for government employees	2,242	3,542	5,338	5,641	6,026	6,490	7,218	7,736	8,159

[1] Provided by individual insurance, group benefits to workers in private employment, and sick leave for government employees. Data for 1975–1983 include benefits for the sixth month of disability payable under old-age, survivors, disability, and health insurance program, not shown separately. [2] 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. [3] 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. 601. Federal Food Programs: 1970 to 1987

[**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	1975	1980	1981	1982	1983	1984	1985	1986	1987
Food Stamp:											
Participants	Million	4.3	17.1	21.1	22.4	21.7	21.6	20.9	19.9	19.4	19.1
Federal cost	Mil. dol	550	4,386	8,721	10,630	10,208	11,152	10,696	10,744	10,605	10,500
Nutrition assistance program for Puerto Rico: [1]											
Federal cost	Mil. dol	(x)	(x)	(x)	(x)	207	825	825	825	820	856
National school lunch program (NSLP): [2]											
Free lunches served	Million	739	1,638	1,671	1,737	1,622	1,714	1,702	1,656	1,678	1,666
Reduced-price lunches served	Million	(NA)	(NA)	308	312	262	253	248	255	257	260
Children participating [3]	Million	22.4	24.9	26.6	25.8	22.9	23.0	23.4	23.6	23.7	24.0
Federal cost	Mil. dol	300	1,289	2,279	2,381	2,185	2,402	2,506	2,578	2,714	2,793
School breakfast (SB):											
Children participating [3]	Million	.5	1.8	3.6	3.8	3.3	3.4	3.4	3.4	3.5	3.6
Federal cost	Mil. dol	11	86	268	332	317	344	364	379	406	458
Special school milk:											
Quantity reimbursed	Mil. ½ pt	2,902	2,139	1,795	1,533	202	189	174	167	162	162
Federal cost	Mil. dol	101	123	145	101	18	17	17	16	15	15
Women-infant-children: [4]											
Participants	Million	(x)	.5	2.0	2.2	2.3	2.7	3.2	3.3	3.5	3.6
Federal cost	Mil. dol	(x)	94	603	729	785	937	1,156	1,235	1,304	1,379
Child care feeding (CC): [5]											
Children participating [6]	Million	.1	.4	.7	.8	.8	.9	1.0	1.0	1.1	1.2
Federal cost	Mil. dol	6	46	207	303	290	305	348	390	427	476
Summer feeding (SF): [7]											
Children participating [8]	Million	.2	1.8	1.9	1.9	1.4	1.4	1.4	1.5	1.5	1.6
Federal cost	Mil. dol	2	50	106	101	81	95	94	101	106	114
Needy family commodity:											
Participants	Million	3.8	.3	.1	.1	.1	.1	.1	.1	.1	.1
Federal cost	Mil. dol	282	39	24	29	33	35	40	47	49	49
Nutrition program for the elderly:											
Meals served	Million	(x)	11	166	184	189	201	213	225	228	232
Federal cost	Mil. dol	(x)	2	75	94	101	120	127	134	137	138
Federal cost of commodities donated to: [9]											
Child nutrition (NSLP, CC, SF and SB)	Mil. dol	265	431	930	922	795	799	853	840	869	919
Charitable institutions, summer camps	Mil. dol	23	20	71	78	111	151	190	170	240	158
Emergency feeding [10]	Mil. dol	(x)	(x)	(x)	(x)	180	1,002	1,092	973	846	846

NA Not available. X Not applicable. [1] Puerto Rico was included in the food stamp program until June 30, 1982. [2] See headnote, table 603. [3] Nine month (September through May) average daily meals (lunches or breakfasts) served divided by the ratio of average daily attendance to enrollment. [4] Covers special supplemental food program (WIC) and commodity supplemental food program; excludes elderly persons served by the commodity supplemental food program. [5] Program provides year-round subsidies to feed preschool children in child care centers and family day care homes. [6] Annual average daily attendance at participating institutions. [7] Program provides free meals to children in poor areas during summer months. [8] Peak month (July) average daily attendance at participating institutions. [9] Includes the Federal cost of commodity entitlements, cash-in-lieu of commodities, and bonus foods. [10] 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. 602. Federal Food Stamp Program: 1970 to 1986

[Except as noted, **for fiscal year ending in year shown;** see text, section 9. Beginning **1975,** includes Puerto Rico (through June 30, 1982), Guam, and Virgin Islands]

YEAR	Participants [1] (1,000)	Average monthly participation (1,000)	Federal govt. contributions (mil. dol.)	YEAR	Participants [1] (1,000)	Average monthly participation (1,000)	Federal govt. contributions (mil. dol.)
1970	6,457	4,340	550	1979	19,323	17,652	6,480
1971	10,549	9,368	1,523	1980	22,026	21,087	8,721
1972	11,594	11,109	1,797	1981	22,161	22,431	10,630
1973	12,107	12,166	2,131	1982	20,051	21,717	10,208
1974	13,524	12,862	2,718	1983	21,067	21,625	11,152
1975	19,197	17,064	4,386	1984	19,765	20,854	10,696
1976	17,982	16,549	5,327	1985	19,198	19,899	10,744
1977	16,134	17,077	5,067	1986	19,071	19,429	10,605
1978	15,248	16,000	5,139	1987	18,361	19,113	10,500

[1] As of end of fiscal year.

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

NO. 603. FEDERAL FOOD STAMP AND NATIONAL SCHOOL LUNCH PROGRAMS, BY STATE: 1980 AND 1987

[Cost data for year 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. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION, AND STATE	FOOD STAMP PROGRAM					NATIONAL SCHOOL LUNCH PROGRAM		
	Households participating, 1987		Persons (1,000)		Cost, 1987 (mil. dol.)	Persons (1,000)		Cost, 1987 (mil. dol.)
	Number (1,000)	Percent of all households	1980	1987		1980	1987	
Total [1]	**7,133**	(NA)	**22,028**	**18,361**	**10,500**	**27,011**	**24,498**	**2,793**
U.S	**7,122**	**7.9**	**20,115**	**18,323**	**10,466**	**26,384**	**23,869**	**2,679**
Region:								
Northeast	1,510	8.0	4,379	3,487	1,934	4,969	4,097	445
Midwest	1,898	8.6	4,340	4,684	2,606	6,767	5,701	542
South	2,605	8.4	8,396	7,139	4,226	10,464	9,969	1,161
West	1,110	6.1	3,000	3,013	1,500	4,184	4,102	531
N. Eng	**265**	**5.5**	**945**	**603**	**295**	**1,366**	**1,021**	**90**
ME	42	9.3	139	87	50	146	111	11
NH	9	2.4	53	18	10	101	88	6
VT	15	7.5	46	34	17	59	46	4
MA	130	5.9	446	296	139	703	486	41
RI	26	7.1	87	58	31	69	56	7
CT	43	3.6	174	110	48	288	234	21
Mid. Atl	**1,245**	**8.9**	**3,434**	**2,884**	**1,639**	**3,603**	**3,076**	**355**
NY	703	10.5	1,804	1,592	895	1,593	1,529	202
NJ	145	5.2	600	362	220	679	541	57
PA	397	8.9	1,030	930	524	1,331	1,006	96
E. No. Cent	**1,476**	**9.5**	**3,382**	**3,604**	**2,213**	**4,401**	**3,631**	**372**
OH	448	11.1	928	1,063	691	1,156	907	101
IN	114	5.6	399	307	200	717	614	39
IL	430	10.1	915	1,044	703	1,129	937	115
MI	363	10.8	903	864	473	866	725	77
WI	121	6.8	237	326	146	533	448	40
W. No. Cent	**422**	**6.3**	**958**	**1,080**	**593**	**2,366**	**2,070**	**170**
MN	92	5.8	188	224	107	558	472	36
IA	77	7.2	156	186	107	439	373	30
MO	139	7.2	364	371	210	664	551	46
ND	13	5.2	28	34	19	93	93	7
SD	17	6.6	46	51	30	101	101	11
NE	37	6.1	72	96	50	203	188	16
KS	46	4.9	104	118	70	308	292	24
So. Atl	**1,031**	**6.6**	**3,811**	**2,609**	**1,535**	**4,846**	**4,539**	**489**
DE	11	4.6	53	27	17	68	56	5
MD	104	6.3	335	241	159	434	352	35
DC	25	10.3	104	58	32	57	52	9
VA	129	5.9	412	304	175	717	628	53
WV	93	13.2	216	257	155	245	221	27
NC	159	6.6	592	389	214	887	807	84
SC	101	8.4	444	269	159	489	476	57
GA	176	7.8	658	460	257	894	916	95
FL	234	4.9	997	604	367	1,055	1,031	124
E. So. Cent	**688**	**12.3**	**2,283**	**1,859**	**1,120**	**2,252**	**2,149**	**261**
KY	175	12.8	485	450	303	567	506	57
TN	185	10.2	674	484	277	648	615	63
AL	161	10.9	606	433	256	607	588	73
MS	167	18.4	518	492	284	430	440	68
W. So. Cent	**886**	**9.2**	**2,302**	**2,671**	**1,571**	**3,366**	**3,281**	**411**
AR	85	9.5	301	228	121	356	298	36
LA	232	14.8	584	722	417	767	729	94
OK	106	8.5	214	272	156	408	364	39
TX	464	7.8	1,203	1,449	877	1,835	1,890	242
Mt	**289**	**6.0**	**818**	**816**	**484**	**1,352**	**1,334**	**138**
MT	22	7.3	45	57	33	104	85	8
ID	21	5.9	65	58	37	120	125	12
WY	10	5.7	15	26	16	51	57	4
CO	73	5.8	173	192	113	299	293	27
NM	51	9.5	191	152	94	174	174	26
AZ	67	5.4	227	212	120	291	290	35
UT	29	5.6	65	85	48	233	253	20
NV	16	4.1	37	34	23	80	57	6
Pac	**821**	**6.1**	**2,182**	**2,197**	**1,016**	**2,832**	**2,768**	**393**
WA	122	6.9	260	292	157	354	349	36
OR	92	8.5	213	204	138	277	234	23
CA	564	5.6	1,571	1,590	610	2,006	2,000	312
AK	10	6.0	32	29	26	33	38	7
HI	33	9.5	106	82	85	162	147	15

NA Not available. [1] 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.

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

NO. 604. PUBLIC AID—RECIPIENTS AND AVERAGE MONTHLY CASH PAYMENTS UNDER SUPPLEMENTAL SECURITY INCOME (SSI) AND PUBLIC ASSISTANCE: 1975 TO 1987

[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	1986	1987	1975	1980	1985	1986	1987
SSI, total	4,314	4,142	4,138	4,269	4,385	114	168	226	244	252
Aged	2,307	1,808	1,504	1,473	1,455	91	128	164	174	181
Blind	74	78	82	83	83	147	213	274	287	297
Disabled	1,933	2,256	2,551	2,713	2,846	141	198	261	282	287
Old-age assistance [1]	18	19	18	17	17	21	39	36	36	(NA)
Aid to the blind [1]	(z)	(z)	(z)	(z)	(z)	15	36	39	39	(NA)
Aid to permanently, totally disabled [1]	17	21	23	24	24	15	35	38	38	(NA)
AFDC: [2] Families	3,568	3,843	3,721	3,777	3,734	229	288	341	358	365
Recipients [3]	11,404	11,101	10,924	11,065	10,882	72	100	118	122	125
Children	8,106	7,599	7,247	7,374	7,296	(NA)	(NA)	(NA)	(NA)	(NA)
General assistance cases	692	796	1,051	988	911	144	161	(NA)	(NA)	(NA)

NA Not available. Z Fewer than 500. [1] Average monthly recipients and payments for the year. [2] Aid to Families with Dependent Children program. [3] 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. 605. PUBLIC AID PAYMENTS: 1970 TO 1987

[**In millions of dollars.** See headnote, table 604. 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	1979	1980	1981	1982	1983	1984	1985	1986	1987
Payments, total [1]	**8,443**	**16,313**	**19,477**	**21,994**	**21,716**	**21,979**	**23,385**	**25,035**	**26,431**	**28,311**	(NA)
Supplemental Security Income [2]	(X)	5,878	7,075	7,941	8,593	8,981	9,404	10,371	11,060	12,081	12,951
Aged	(X)	2,605	2,526	2,734	2,818	2,824	2,814	2,973	3,035	3,096	3,194
Blind	(X)	131	166	190	206	217	229	249	264	277	291
Disabled	(X)	3,142	4,381	5,014	5,566	5,909	6,357	7,143	7,755	8,700	9,456
Public assistance [1]	8,443	10,434	12,402	14,048	13,123	12,998	13,981	14,664	15,371	16,230	(NA)
Old-age assistance	1,862	5	9	9	9	8	8	8	8	8	(NA)
Blind	98	(z)	(z)	(z)	(z)	(z)	(z)	(z)	(z)	(z)	(NA)
Permanently, totally disabled	1,000	3	9	9	10	10	10	10	10	11	(NA)
Families with dependent children	4,853	9,211	11,069	12,475	12,981	12,878	13,838	14,505	15,196	16,033	(NA)
Emergency assistance	11	78	84	113	123	102	125	141	157	178	(NA)
General assistance	618	1,138	1,231	1,442	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. X Not applicable. Z Less than $500,000. [1] Beginning 1981, excludes general assistance payments. [2] Includes data not available by reason for eligibility.

NO. 606. PUBLIC AID RECIPIENTS AS PERCENT OF POPULATION, BY STATE: 1980 AND 1987

[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. Compiled by U.S. Bureau of the Census]

DIVISION AND STATE	1980	1987	DIVISION AND STATE	1980	1987	DIVISION AND STATE	1980	1987	DIVISION AND STATE	1980	1987
U.S	**6.5**	**6.2**	**E.N.C.**—Con.			**S.A.**—Con.			**Mt**	3.5	3.7
N.E	**6.9**	**5.2**	MI	8.9	8.5	WV	6.0	8.2	MT	3.4	4.5
ME	7.4	6.5	WI	6.1	7.7	NC	5.8	5.0	ID	3.1	2.7
NH	3.0	1.7	**W.N.C**	**4.5**	**4.7**	SC	7.6	6.3	WY	1.9	3.2
VT	6.4	5.6	MN	4.2	4.6	GA	6.9	6.4	CO	3.7	3.7
MA	8.3	5.9	IA	4.6	5.0	FL	4.4	4.1	NM	6.1	5.7
RI	7.2	6.0	MO	5.9	5.5	**E.S.C.**	**7.9**	**7.4**	AZ	3.0	3.5
CT	5.2	4.3	ND	3.0	3.1	KY	7.2	7.0	UT	3.2	3.2
M.A	**7.6**	**6.9**	SD	4.2	3.9	TN	6.4	6.4	NV	2.3	2.6
NY	8.4	8.0	NE	3.2	3.8	AL	8.1	6.5	**Pac**	**7.9**	**7.9**
NJ	7.4	5.6	KS	3.8	3.8	MS	11.4	11.1	WA	4.9	5.8
PA	6.7	6.1	**S.A**	**6.8**	**5.1**	**W.S.C**	**5.2**	**5.4**	OR	4.9	4.0
E.N.C	**6.6**	**7.2**	DE	6.6	4.3	AR	7.2	5.9	CA	8.8	8.8
OH	6.0	7.5	MD	6.1	5.1	LA	8.3	8.8	AK	4.6	4.3
IN	3.7	3.6	DC	15.5	11.2	OK	5.2	4.8	HI	7.3	4.9
IL	7.0	7.5	VA	4.6	4.0	TX	4.0	4.5			

Source of tables 604-606: U.S. Social Security Administration, *Social Security Bulletin*, monthly, *Annual Statistical Supplement to the Social Security Bulletin*, and *Public Assistance Statistics*, monthly.

NO. 607. AID TO FAMILIES WITH DEPENDENT CHILDREN (AFDC) AND SUPPLEMENTAL SECURITY INCOME (SSI)—RECIPIENTS AND PAYMENTS, STATES AND OTHER AREAS: 1980 TO 1987

[Recipients as of **December,** except as noted. 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			
	Families, 1987		Recipients [2] (1,000)			Payments for year (mil. dol.)		Average monthly payment per family, 1986	Recipients (1,000)		Payments for year (mil. dol.)	
	Number (1,000)	Percent of total households [1]	1980	1986	1987	1980	1986		1980	1987	1980	1987
Total	**3,764.4**	(NA)	**11,101**	**11,065**	**10,882**	**12,475**	**16,033**	**$355**	[3] **4,142**	[3] **4,385**	[4] **7,715**	[4] **12,592**
U.S.	**3,707.8**	**4.1**	**10,923**	**10,875**	**10,696**	**12,409**	**15,961**	(NA)	**4,142**	**4,384**	**7,690**	**12,590**
N. Eng	**172.4**	**3.6**	**647**	**480**	**466**	**910**	**915**	(NA)	**196.0**	**197.8**	**356**	**535**
ME	19.0	4.2	58	56	52	60	83	348	21.6	22.8	29	48
NH	4.2	1.1	24	11	11	27	19	329	[5] 5.4	[5] 6.5	[5] 8	[5] 16
VT	7.4	3.6	24	22	20	32	40	441	8.9	9.6	16	26
MA	88.4	4.0	348	235	234	510	471	449	123.6	113.8	241	326
RI	15.5	4.2	54	43	42	72	79	412	15.0	16.3	25	43
CT	37.9	3.2	140	113	107	209	223	466	[5] 23.4	[5] 28.8	[5] 39	[5] 76
Mid. Atl	**651.8**	**4.7**	**2,216**	**1,989**	**1,878**	**2,954**	**3,402**	(NA)	**614.5**	**645.1**	**1,259**	**2,040**
NY	354.6	5.3	1,110	1,079	1,019	1,623	2,123	483	365.5	375.0	791	1,251
NJ	113.1	4.0	469	343	320	560	502	349	85.8	97.0	156	286
PA	184.0	4.1	637	567	539	771	777	339	163.2	173.1	312	503
E. No. Cent	**816.0**	**5.3**	**2,419**	**2,494**	**2,392**	**2,838**	**3,672**	(NA)	**466.3**	**554.2**	**827**	**1,543**
OH	226.1	5.6	572	667	648	561	809	296	119.3	139.4	200	372
IN	51.6	2.5	170	153	150	139	145	220	[5] 41.4	[5] 53.3	[5] 60	[5] 131
IL	231.0	5.4	691	731	681	722	887	306	[5] 123.6	[5] 153.0	[5] 207	[5] 430
MI	212.6	6.3	753	653	642	1,063	1,246	474	113.8	129.2	237	381
WI	94.6	5.3	232	290	271	353	585	496	68.3	79.3	124	229
W. No. Cent	**211.5**	**3.2**	**614**	**636**	**608**	**697**	**906**	(NA)	**190.3**	**199.6**	**270**	**456**
MN	54.1	3.4	146	160	161	207	329	507	[5] 31.9	[5] 35.6	[5] 42	[5] 80
IA	38.9	3.6	111	122	104	144	171	351	25.6	30.0	34	66
MO	66.8	3.4	216	202	200	182	210	262	[5] 84.4	[5] 81.1	[5] 128	[5] 192
ND	5.1	2.1	13	14	15	16	20	344	[5] 6.3	[5] 7.0	[5] 9	[5] 15
SD	6.7	2.5	19	18	18	19	20	266	8.0	9.1	10	20
NE	15.7	2.6	38	47	43	42	62	316	[5] 13.7	[5] 14.4	[5] 19	[5] 32
KS	24.2	2.6	72	73	67	87	94	328	20.4	22.4	28	51
So. Atl	**486.1**	**3.1**	**1,463**	**1,362**	**1,346**	**1,125**	**1,426**	(NA)	**744.4**	**793.4**	**1,173**	**1,915**
DE	7.7	3.2	34	21	20	32	25	253	7.2	7.8	11	19
MD	64.6	3.9	220	186	176	214	250	302	48.3	55.1	82	148
DC	19.5	7.9	82	54	50	92	77	308	15.1	16.7	31	49
VA	55.8	2.6	176	151	145	160	178	255	[5] 80.6	[5] 88.9	[5] 120	[5] 205
WV	36.4	5.1	80	115	111	60	109	247	[5] 41.0	[6] 44.1	[5] 72	[6] 118
NC	67.4	2.8	202	173	171	154	184	228	[5] 140.6	[5] 141.5	[5] 210	[5] 322
SC	44.7	3.7	156	130	122	72	104	186	[5] 83.4	[5] 88.0	[5] 124	[5] 197
GA	84.9	3.8	234	246	244	138	232	228	154.5	155.3	233	350
FL	105.0	2.2	279	286	307	203	267	227	173.6	196.0	291	507
E. So. Cent	**230.7**	**4.1**	**704**	**647**	**644**	**366**	**388**	(NA)	**470.1**	**479.2**	**716**	**1,116**
KY	58.9	4.3	175	161	155	136	140	193	[6] 93.7	[5] 103.5	[5] 151	[5] 259
TN	66.1	3.6	174	177	181	85	104	143	130.6	131.9	199	308
AL	46.5	3.1	178	139	132	84	68	114	[5] 134.1	[5] 131.0	[5] 195	[5] 293
MS	59.1	6.5	176	170	176	61	76	116	111.8	112.8	171	256
W. So. Cent	**306.6**	**3.2**	**716**	**873**	**939**	**401**	**605**	(NA)	**543.3**	**531.7**	**793**	**1,186**
AR	22.4	2.5	85	66	67	51	49	178	77.8	73.9	107	154
LA	87.6	5.6	219	256	271	124	164	168	136.5	129.1	221	314
OK	34.3	2.8	92	94	101	92	103	278	[5] 67.3	[5] 59.2	[5] 100	[5] 131
TX	162.3	2.7	320	458	500	134	289	171	[5] 261.7	[6] 269.5	[6] 365	[6] 587
Mt	**124.3**	**2.6**	**302**	**341**	**366**	**274**	**392**	(NA)	**116.2**	**137.2**	**188**	**344**
MT	9.5	3.1	20	27	29	19	38	351	6.8	8.5	11	21
ID	6.5	1.8	20	17	18	24	19	254	[5] 7.5	[5] 9.0	[5] 11	[5] 21
WY	5.1	2.9	7	11	13	9	16	329	[5] 1.8	[5] 2.6	[5] 3	[5] 6
CO	31.7	2.5	81	89	94	81	110	309	[5] 30.5	[5] 32.8	[5] 46	[5] 81
NM	21.2	4.0	56	54	60	42	52	235	[5] 25.4	[5] 28.0	[5] 41	[5] 69
AZ	29.7	2.4	60	83	91	40	85	264	[5] 29.6	[5] 37.3	[5] 53	[5] 99
UT	14.9	2.9	44	42	44	48	56	341	[5] 7.8	[5] 9.9	[5] 11	[5] 25
NV	5.8	1.5	14	17	17	11	16	238	6.8	9.1	11	22
Pac	**708.5**	**5.3**	**1,843**	**2,054**	**2,057**	**2,844**	**4,255**	(NA)	**798.2**	**846.1**	**2,108**	**3,454**
WA	75.2	4.3	173	210	208	251	375	431	45.3	52.7	85	154
OR	29.9	2.8	94	81	81	147	120	329	[5] 22.2	[5] 27.6	[5] 35	[5] 70
CA	582.1	5.8	1,498	1,701	1,708	2,328	3,640	532	717.5	749.7	1,962	3,184
AK	7.6	4.4	16	18	19	27	48	565	[5] 3.1	[5] 3.9	[5] 6	[5] 10
HI	13.7	4.0	61	44	41	91	72	402	10.2	12.2	20	36
PR	53.8	(NA)	170	181	176	60	66	101	(X)	(X)	(X)	(X)
GU	1.3	(NA)	5	5	5	3	4	207	(X)	(X)	(X)	(X)
VI	1.1	(NA)	3	4	4	2	3	184	(X)	(X)	(X)	(X)
N. Mariana	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)	[6] .6	[6] .6	[6] 1	[6] .2

NA Not available. X Not applicable. [1] As of July. For household figures used, see table 63. [2] See footnote 3, table 604. [3] SSI totals include small number of recipients whose residence was "unknown." [4] 1980 figures include payments to Indochina refugees (total, $23.6 million) which were not available by State. In addition, for all years, totals were reduced to reflect returned checks and overpayment refunds. [5] Data for persons with Federal SSI payments only; State has State-administered supplementation. [6] Data for persons with Federal SSI payments only; State supplementary payments not made.

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

No. 608. Community Services Used by Persons 65 Years Old and Over, by Age Group and Living Arrangement: 1984

[**In percent, except as indicated.** Covers persons 65 years old and over who were living in communities outside of nursing homes or other institutions (civilian noninstitutionalized population). Based on a supplement to the National Health Interview Survey; see Appendix III. See also tables 42, 43, 185, and 186]

Type of community service	Persons 65 years old and over	Age group				Living—	
		65–74 years old	75 years old and over	75–84 years old	85 years old and over	Alone	With others
Total (1,000)	**26,433**	**16,288**	**10,145**	**8,249**	**1,897**	**8,397**	**18,036**
Percent used—							
Senior center	15.2	14.5	16.3	17.0	13.5	21.3	12.3
Special transportation for elderly	4.5	3.2	6.4	6.5	6.1	9.1	2.3
Home nursing care	3.6	2.1	5.9	5.4	8.3	4.0	3.3
Percent ate meals in senior center	8.5	7.7	9.9	10.1	8.8	12.9	6.5

Source: U.S. National Center for Health Statistics, unpublished data from Supplement on Aging to 1984 National Health Interview Survey.

No. 609. Child Support and Alimony—Selected Characteristics of Women: 1985

oT1[Women as of **spring 1986.** Covers civilian noninstitutional population. Child support data are for women with own children under 21 years of age present from absent fathers. Alimony data are for ever-divorced and currently separated women. Based on *Current Population Survey*; see text, section 1 and Appendix III. For definition of mean, see Guide to Tabular Presentation]

Recipiency status of women	Unit	Total[1]	Current marital status				Race		Hispanic[4]	Age		
			Divorced	Married[2]	Single[3]	Separated	White	Black		18 to 29 years	30 to 39 years	40 years and over
CHILD SUPPORT												
All women, total	**1,000**	**8,808**	**3,045**	**2,322**	**2,009**	**1,363**	**6,341**	**2,310**	**813**	**2,887**	**3,614**	**2,307**
Payments awarded[5]	1,000	5,396	2,492	1,904	370	587	4,476	839	342	1,288	2,547	1,561
Percent of total	Percent	61.3	81.8	82.0	18.4	43.1	70.6	36.3	42.1	44.6	70.5	67.7
Due child support payment in 1985	1,000	4,381	2,179	1,416	303	453	3,651	657	282	1,089	2,182	1,110
Received payment	1,000	3,243	1,637	970	231	382	2,722	473	192	777	1,605	861
Percent of due	Percent	74.0	75.1	68.5	76.2	84.3	74.6	72.0	68.1	71.3	73.6	77.6
Did not receive payment	1,000	1,138	541	447	72	71	929	184	90	312	578	249
Payments not awarded	1,000	3,411	553	418	1,639	776	1,865	1,471	471	1,599	1,066	746
Mean money income:												
Women received payments	Dollars	14,776	16,778	13,512	9,675	12,642	15,052	13,297	11,505	10,886	15,513	16,913
Mean child support	Dollars	2,215	2,538	1,966	1,147	2,082	2,294	1,754	2,011	1,467	2,397	2,552
Women did not receive payments	Dollars	10,837	12,580	9,621	(B)	(B)	10,854	10,477	9,430	6,406	11,553	14,730
Women not awarded payments	Dollars	7,998	11,375	8,495	6,247	9,065	8,746	6,969	6,308	5,323	10,068	10,770
Women with incomes *below the poverty* level in 1985, total	**1,000**	**2,797**	**795**	**180**	**1,159**	**646**	**1,569**	**1,190**	**414**	**1,419**	**920**	**458**
Payments awarded[5]	1,000	1,130	572	121	207	221	787	322	100	469	485	176
Received payments in 1985	1,000	595	301	50	123	116	411	174	43	241	258	96
Mean income from child support	Dollars	1,383	1,522	(B)	900	1,503	1,463	1,085	(B)	963	1,674	1,649
Did not receive payment	1,000	310	198	31	40	41	221	83	31	128	147	35
Payments not awarded	1,000	1,668	223	59	952	425	782	868	314	951	435	282
ALIMONY												
All women, total	**1,000**	**19,156**	**8,000**	**7,361**	**(X)**	**2,610**	**16,039**	**2,766**	**1,196**	**2,817**	**5,678**	**10,662**
Payments awarded[5]	1,000	2,803	1,368	1,015	(X)	261	2,539	220	132	216	618	1,969
Received payments in 1985	1,000	616	443	52	(X)	120	559	44	29	62	195	358
Mean income from alimony	Dollars	3,733	3,975	(B)	(X)	3,083	3,858	(B)	(B)	(B)	3,200	4,365
Did not receive payment	1,000	225	161	37	(X)	26	193	25	13	45	75	106
Payments not awarded	1,000	16,354	6,632	6,346	(X)	2,348	13,500	2,546	1,064	2,601	5,060	8,693
Women with incomes *below the poverty* level in 1985, total	**1,000**	**3,716**	**1,800**	**524**	**(X)**	**1,082**	**2,670**	**973**	**410**	**851**	**1,090**	**1,774**
Payments awarded	1,000	434	247	55	(X)	93	378	49	35	86	111	237
Percent of total	Percent	11.7	13.7	10.5	(X)	8.6	14.2	5.0	8.5	10.1	10.2	13.4

B Base less than 75,000. X Not applicable. [1] Includes other items, not shown separately. [2] Remarried women *whose previous marriage ended in divorce.* [3] *Never-married women.* [4] Hispanic women may be of any race. [5] Includes women who were not supposed to receive payments in 1985, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 152.

No. 610. Child Support Enforcement Program—Caseload and Collections: 1980 to 1987

[**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% 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	1981	1982	1983	1984	1985	1986	1987
Total cases	1,000	5,432	6,266	7,028	7,516	7,999	8,401	9,724	10,588
AFDC and AFDC arrears only caseload	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	7,220	7,609
AFDC cases	1,000	4,583	5,112	5,547	5,828	6,136	6,242	5,749	5,768
AFDC arrears only cases [1]	1,000	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1,472	1,841
Non-AFDC cases	1,000	849	1,115	1,481	1,688	1,863	2,159	2,503	2,978
Cases for which a collection was made:									
AFDC cases	1,000	503	548	597	595	647	684	582	618
AFDC arrears only cases [1]	1,000	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	158	195
Non-AFDC cases	1,000	243	325	448	507	547	654	786	943
Percentage of cases with collections:									
AFDC cases	Percent	11.0	10.7	10.8	10.2	10.5	11.0	10.1	10.7
AFDC arrears only cases [1]	Percent	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	10.8	10.6
Non-AFDC cases	Percent	28.7	28.2	30.3	30.0	29.4	30.3	31.4	31.7
Absent parents located, total	1,000	643	696	779	831	875	878	1,046	1,149
Paternities established, total	1,000	144	164	173	208	219	232	245	269
Support obligations established, total	1,000	374	414	462	496	573	669	731	813
FINANCES									
Collections, total	Mil. dol	1,478	1,629	1,770	2,024	2,378	2,694	3,249	3,897
AFDC collections	Mil. dol	603	671	786	880	1,000	1,090	1,225	1,359
State share	Mil. dol	274	302	354	396	448	415	424	478
Incentive payments to States	Mil. dol	72	91	107	121	134	145	158	165
Federal share	Mil. dol	264	266	311	349	402	341	369	418
Payments to AFDC families [2]	Mil. dol	10	12	15	15	17	189	275	279
Non-AFDC collections	Mil. dol	874	958	984	1,144	1,378	1,604	2,023	2,538
Administrative expenditures, total	Mil. dol	466	526	612	691	723	814	941	1,058
State share	Mil. dol	117	132	153	204	216	243	308	313
Federal share	Mil. dol	349	395	459	487	507	571	633	745
Program savings, total	Mil. dol	127	133	160	174	260	86	9	22
State share	Mil. dol	230	261	307	312	366	317	274	349
Federal share	Mil. dol	−103	−128	−148	−138	−105	−231	−264	−327
Total fees and costs recovered for non-AFDC cases	Mil. dol	5	5	3	3	3	3	6	7
Percentage of AFDC payments recovered	Percent	5.2	5.2	6.8	6.6	7.0	7.3	8.6	9.2

NA Not available. [1] Reflects cases that are no longer receiving AFDC but still have outstanding child support due. [2] 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. 611. Orphans, by Type: 1960 to 1987

[As of **July.** Includes Puerto Rico and Virgin Islands; beginning 1970, also includes American Samoa and Guam. Covers children under age 18 who have been orphaned at any time. Paternal orphan refers to loss of father only, maternal orphan to loss of mother only, full orphan to loss of both parents. Percent of child population based on Social Security Administration estimates of number of children under 18, as of July 1. Data not exactly comparable for all years because of changes in methodology]

YEAR	NUMBER (1,000)				PERCENT OF CHILD POPULATION			
	Total	Paternal	Maternal	Full	Total	Paternal	Maternal	Full
1960	3,509	2,446	981	82	5.1	3.6	1.4	.1
1970	3,745	2,635	1,033	76	5.1	3.6	1.4	.1
1975	3,550	2,520	959	71	5.1	3.6	1.4	.1
1980	2,889	2,077	760	52	4.4	3.1	1.1	.1
1982	2,624	1,899	682	43	4.0	2.9	1.0	.1
1983	2,498	1,812	648	39	3.8	2.8	1.0	.1
1984	2,406	1,750	621	35	3.7	2.7	1.0	.1
1985	2,330	1,699	599	33	3.6	2.6	.9	(Z)
1986	2,272	1,661	581	30	3.5	2.5	.9	(Z)
1987	2,228	1,634	566	28	3.4	2.5	.9	(Z)

Z Less than .05 percent.

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

No. 612. Adoptions by Relationship of Petitioner, 1960 to 1982, and Foreign Adoptions, 1975 to 1987

[*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 total adoptions for 1982 are based on data collected by the source from various State health, welfare, adoption, and statistical offices. Data on foreign adoptions are based on compilations by the source of data supplied by the U.S. Immigration and Naturalization Service. For further comments, see source*]

YEAR	TOTAL ADOPTIONS						YEAR AND COUNTRY OF ORIGIN OF ADOPTEE	FOREIGN ADOPTIONS	
	Total	Related petitioners	Unrelated petitioners by type of agency making placement					Number	Percent distribution
			Total	Public agency	Private agency	Independent			
Number:							1975	5,633	100.0
1960	107,000	49,200	57,800	13,300	20,800	23,700	1980	5,139	100.0
1965	142,000	65,300	76,700	20,700	32,200	23,800	1982	5,749	100.0
1970	175,000	85,800	89,200	29,500	40,100	19,600	1983	7,127	100.0
1975	129,000	81,300	47,700	18,600	18,100	11,000	1984	8,327	100.0
1982	141,861	91,141	50,720	19,428	14,549	16,743	1985	9,286	100.0
							1986	9,945	100.0
Percent distribution:							**1987, total** [1]	**10,097**	**100.0**
1960	100.0	46.0	54.0	12.4	19.4	22.1	Korea	5,910	58.5
1965	100.0	46.0	54.0	14.6	22.7	16.8	India	807	8.0
1970	100.0	49.0	51.0	16.9	22.9	11.2	Colombia	724	7.2
1975	100.0	63.0	37.0	14.4	14.0	8.5	Philippines	593	5.9
1982	100.0	64.2	35.8	13.7	10.3	11.8	Chile	238	2.4

[1] Includes other countries, not shown separately.

Source: National Committee for Adoption, Inc., Washington, DC, *Adoption Factbook, 1985,* (copyright) and unpublished data.

No. 613. Child Care Arrangements of Children Under 15 of Employed Mothers, by Age of Child and Employment Status of Mother: 1984–1985

[**In thousands, except percent.** *As of* **winter 1984–1985.** *Data were obtained for the three youngest children under 15 years old (including any adopted or stepchildren in their care) in the household. This represents approximately 90 percent of all children under 15 years old of working women. Based on the Survey of Income and Program Participation; see text, section 14*]

USUAL WEEKLY CHILD CARE ARRANGEMENT	CHILDREN UNDER 15 YEARS			CHILDREN UNDER 5 YEARS						Children 5–14 years, total
	Total	Mother employed		Total	Mother employed		Under 1 year	1 and 2 years	3 and 4 years	
		Full time [1]	Part time		Full time [1]	Part time				
Total	**26,455**	**16,812**	**9,643**	**8,168**	**5,060**	**3,108**	**1,385**	**3,267**	**3,516**	**18,287**
Care in child's home	4,699	2,480	2,219	2,534	1,235	1,300	516	1,068	950	2,164
By father	2,496	1,133	1,363	1,282	542	740	252	528	502	1,214
By grandparent	712	423	289	467	259	209	102	208	157	244
By other relative	804	539	265	306	183	123	44	147	114	498
By nonrelative	687	385	302	479	251	228	118	185	115	208
Care in another home	3,801	2,675	1,126	3,020	2,135	884	563	1,368	1,089	782
By grandparent	1,138	743	395	833	533	300	174	361	298	305
By other relative	467	285	182	368	212	155	70	130	167	100
By nonrelative	2,196	1,647	549	1,819	1,390	429	319	877	624	377
Organized child care facilities	2,411	1,830	581	1,888	1,415	473	195	563	1,131	523
Day/group care center	1,440	1,067	373	1,142	835	307	116	401	625	298
Nursery school/preschool	971	763	208	746	580	166	79	162	506	225
Kindergarten/grade school	13,815	8,976	4,839	61	21	41	(x)	(x)	61	13,753
Child cares for self	488	354	134	(x)	(x)	(x)	(x)	(x)	(x)	488
Parent cares for child [2]	1,245	497	748	663	252	412	112	267	285	581
PERCENT DISTRIBUTION										
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Care in child's home	17.8	14.8	23.0	31.0	24.4	41.8	37.3	32.7	27.0	11.8
By father	9.4	6.7	14.1	15.7	10.7	23.8	18.2	16.2	14.3	6.6
By grandparent	2.7	2.5	3.0	5.7	5.1	6.7	7.4	6.4	4.5	1.3
By other relative	3.0	3.2	2.7	3.7	3.6	4.0	3.2	4.5	3.3	2.7
By nonrelative	2.6	2.3	3.1	5.9	5.0	7.3	8.5	5.7	5.0	1.1
Care in another home	14.4	15.9	11.7	37.0	42.2	28.4	40.6	41.9	31.0	4.3
By grandparent	4.3	4.4	4.1	10.2	10.5	9.7	12.6	11.0	8.5	1.7
By other relative	1.8	1.7	1.9	4.5	4.2	5.0	5.1	4.0	4.7	.5
By nonrelative	8.3	9.8	5.7	22.3	27.5	13.8	23.0	26.8	17.7	2.1
Organized child care facilities	9.1	10.8	6.1	23.1	28.0	15.2	14.1	17.2	32.2	2.8
Day/group care center	5.4	6.3	3.9	14.0	16.5	9.9	8.4	12.3	17.8	1.6
Nursery school/preschool	3.7	4.5	2.2	9.1	11.5	5.3	5.7	5.0	14.4	1.2
Kindergarten/grade school	52.2	53.4	50.2	.8	.4	1.3	(x)	(x)	1.7	75.2
Child cares for self	1.8	2.1	1.4	(x)	(x)	(x)	(x)	(x)	(x)	2.7
Parent cares for child [2]	4.7	3.0	7.8	8.1	5.0	13.3	8.1	8.2	8.1	3.2

X Not applicable. [1] Full-time jobs comprise 35 hours or more per week. [2] Includes women working at home or away from home.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-70, No. 9.

No. 614. Percent of Adult Population Doing Volunteer Work: 1981 to 1987

[1981 and 1985, cover persons 14 years old and over; 1987 data cover persons 18 years old and over. Volunteers are persons who worked in some way to help others for no monetary pay during the previous year. Data for 1981 were collected in March 1981, 1985 data were collected in October 1985, and 1987 data were collected in March 1988 as part of Gallup Poll. Based on a sample and subject to sampling variability, see source]

Age and sex	1981	1985	1987	Educational attainment and household income	1981	1985	Type of activity	1981	1985
Total	52	48	[1] 45	Grade school	26	29	Percent of volunteers involved in—		
14–17 years old	53	52	(NA)	High school, 1–3 yrs	31	38	Religious organizations	37	48
18–24 years old	54	43	42	High school, 4 yrs	54	46	Education	23	27
25–34 years old		53	45	College, 1–3 yrs	65	61	Recreation	13	21
35–44 years old	55	[2] 54	54	College, 4 yrs. or more	75	65	Health	23	19
45–54 years old		[3] 44	47	Under $10,000	36	40	Civil, social, fraternal organizations	12	17
55–64 years old			47	$10,000–$19,999	49	42	Social services, welfare	10	15
65–74 years old	37	43	40	$20,000–$39,999	64	52	Community action	12	8
75 years old and over		26	29	$20,000–$29,999	(NA)	44	Political organizations	12	8
				$30,000–$39,999	(NA)	64	Informal, alone	44	40
Male	47	45	44	$40,000 and over	62	60	General fund-raisers	12	23
Female	56	51	47						

NA Not available. [1] Persons 18 years old and over. [2] Persons 35–49 years old. [3] Persons 50–64 years old.

Source: INDEPENDENT SECTOR, Washington, DC, *Americans Volunteer, 1985*, April 1986 (copyright) and Hodgkinson, Virginia, Murray Weitzman, and the Gallup Organization, Inc., *Giving and Volunteering in the United States: 1988 Edition*. (Copyright and published by INDEPENDENT SECTOR, Washington, DC, Fall 1988.)

No. 615. Charity Contributions—Average Dollar Amount and Percent of Household Income, by Age of Respondent and Volunteer Status: 1987

[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 in March 1988 and subject to sampling variability; see source]

Item	Total	18–24 years old	25–34 years old	35–44 years old	45–54 years old	55–64 years old	65–74 years old	75 years old and over
AVERAGE AMOUNT (dollars)								
Contributors	790	219	625	825	1,066	1,094	959	737
Contributors only	489	266	359	515	619	479	552	762
Contributors and volunteers	1,021	188	827	1,001	1,388	1,593	1,361	687
CONTRIBUTIONS AS PERCENT OF HOUSEHOLD INCOME								
Contributors	1.9	.6	1.6	1.8	2.1	2.6	3.1	3.0
Contributors only	1.3	.8	.9	1.1	1.4	1.3	1.8	3.2
Contributors and volunteers	2.4	.5	2.1	2.2	2.5	3.5	4.2	2.6

Source: Hodgkinson, Virginia, Murray Weitzman, and the Gallup Organization, Inc., *Giving and Volunteering in the United States: 1988 Edition*. (Copyright and published by INDEPENDENT SECTOR, Washington, DC, Fall 1988.)

No. 616. Private Philanthropy Funds, by Source and Allocation: 1970 to 1987

[**In billions of dollars.** Estimates for sources of funds based on U.S. Internal Revenue Service reports of corporate and foundation tax returns, individual charitable deductions, econometric formula utilizing Commerce Department data on personal income, Standard & Poor's 500 Composite Index, Census population data. Also, surveys conducted 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	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total funds	21.0	28.6	36.3	39.0	43.7	48.7	55.5	60.0	65.2	73.8	80.3	88.0	93.7
Individuals	16.2	23.5	29.6	32.1	36.6	40.7	46.4	48.5	53.5	60.7	65.9	72.0	76.8
Foundations	1.9	1.7	2.0	2.2	2.4	2.6	3.1	3.2	3.6	4.0	4.9	5.9	6.4
Corporations	.8	1.2	1.8	2.1	2.3	2.4	2.5	2.9	3.6	4.0	4.3	4.5	4.5
Charitable bequests	2.1	2.2	3.0	2.6	2.2	2.9	3.5	5.5	4.5	4.9	5.2	5.6	5.9
Allocation:													
Religion	9.3	12.8	17.0	18.4	20.2	22.2	25.1	28.1	31.6	35.4	37.7	41.7	43.6
Health	3.4	4.2	5.0	5.4	6.1	6.7	7.7	8.4	9.2	10.3	11.3	12.3	13.7
Education	3.3	3.8	4.8	5.5	6.0	6.9	7.8	8.4	9.0	10.0	11.1	10.1	10.8
Human service	2.9	2.9	3.6	3.9	4.5	4.9	5.6	6.3	6.9	7.9	8.6	9.1	9.8
Arts, culture and humanities	.7	1.6	2.3	2.4	2.7	3.2	3.7	5.0	4.0	4.5	5.1	5.8	6.4
Public/society benefit	.5	.8	1.2	1.1	1.2	1.5	1.8	1.7	1.6	1.9	2.2	2.4	2.4
Other	.9	2.6	2.5	2.4	3.0	3.5	3.9	2.2	2.7	3.3	3.9	4.0	4.0
Unallocated	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2.7	3.0

NA Not available.

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

No. 617. Foundations—Number and Finances by Asset Size

[Figures are for latest year reported by foundations, usually 1985 or 1986. 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. Z Less than .5 percent]

Asset size	Number	Assets (mil. dol.)	Expenditures (mil. dol.)	Grants (mil. dol.)	Gifts received (mil. dol.)	Percent distribution: Number	Assets	Expenditures	Grants	Gifts received
Total	**25,639**	**102,065**	**7,037**	**6,027**	**5,180**	**100**	**100**	**100**	**100**	**100**
Under $50,000	7,154	122	187	174	152	28	(Z)	3	3	3
$50,000–$99,999	2,733	198	76	69	60	11	(Z)	1	1	1
$100,000–$249,999	4,357	707	151	136	122	17	1	2	2	2
$250,000–$499,999	3,065	1,096	187	167	154	12	1	3	3	3
$500,000–$999,999	2,653	1,873	265	232	221	10	2	4	4	4
$1,000,000–$4,999,999	3,739	8,317	875	744	695	15	8	12	12	14
$5,000,000–$9,999,999	815	5,761	530	440	366	3	6	8	7	7
$10,000,000–$49,999,999	846	17,395	1,369	1,151	1,044	3	17	19	19	20
$50,000,000–$99,999,999	129	8,611	566	458	323	(Z)	9	8	8	6
$100,000,000 or more	148	57,785	2,831	2,456	2,043	(Z)	56	40	41	40

Source: The Foundation Center, New York, NY, *The National Data Book*, 12th edition, 1988.

No. 618. Foundations—Grants Reported, by Subject Field and Recipient Organization: 1982 to 1987

[Number and type of foundations reporting varies from year to year. Covers grants of $5,000 or more in size. For 1987, based on reports of 473 foundations which represented about 43 percent of all grant dollars awarded by private foundations. For definition of foundation, see headnote, table 617]

Subject field and recipient organization	Number of grants: 1982	1984	1985	1986	1987	Amount (mil. dol.): 1982	1984	1985	1986	1987	Percent distribution: 1982	1987
Total [1]	**27,121**	**35,040**	**36,320**	**40,546**	**43,032**	**1,490**	**1,647**	**2,013**	**2,217**	**2,589**	**100.0**	**100.0**
Welfare	9,014	11,174	12,186	13,491	14,226	387	454	523	586	698	25.9	26.9
Health	4,584	5,911	6,009	6,488	7,246	312	391	474	454	600	20.9	23.2
Education	5,145	6,099	6,059	7,057	7,007	356	286	338	485	452	23.8	17.5
Culture	4,435	5,542	6,246	7,334	7,897	209	229	294	327	389	14.0	15.0
Science	1,644	2,148	2,266	2,455	2,514	96	123	177	142	194	6.4	7.5
Social science	1,704	2,354	2,852	3,138	3,274	102	126	169	195	213	6.8	8.2
Religion	595	812	702	583	868	28	38	38	27	43	1.8	1.7
Educational institutions	8,316	9,887	9,739	11,294	11,671	634	578	716	851	949	42.5	36.7
Direct service agencies	7,981	9,673	11,147	12,875	13,489	277	354	418	483	548	18.5	21.2
Hospitals and medical care facilities	1,660	1,903	1,864	2,033	2,021	120	114	140	138	155	8.1	6.0
Research institutes	1,101	1,453	1,883	2,174	2,194	77	147	189	201	273	5.2	10.5
Associations and profess. societies	2,600	3,904	4,599	5,242	5,964	95	148	189	215	274	6.3	10.6
Museums and historical societies	1,134	1,300	1,501	1,824	2,001	88	91	115	125	159	5.9	6.1
Performing arts group	1,668	2,031	2,343	2,721	3,030	61	76	87	96	115	4.1	4.4
Government agencies	669	947	921	1,141	1,225	47	52	69	71	91	3.2	3.5
Community funds	718	1,079	959	1,261	1,139	43	65	67	80	81	2.9	3.1
Libraries	370	421	493	570	559	27	25	63	68	65	1.8	2.5
Churches and temples	572	745	682	542	649	25	23	29	19	24	1.7	.9

[1] 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*, annual.

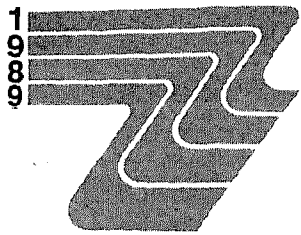
No. 619. Corporate Philanthropy—Beneficiaries: 1975 to 1986

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

Beneficiary	1975	1977	1980	1981	1982	1983	1984	1985	1986: Total	1986: Percent of total
Total [1]	**436.8**	**593.9**	**994.6**	**1,170.6**	**1,281.6**	**1,278.4**	**1,444.3**	**1,694.7**	**1,673.7**	**100.0**
Health and human services [1]	180.0	227.6	337.9	393.3	397.3	367.6	399.9	494.1	468.6	28.0
Federated drives	104.6	128.5	170.7	(NA)	182.4	(NA)	193.9	(NA)	225.9	13.5
Other local health, human services	20.5	25.0	41.7	(NA)	44.6	(NA)	71.2	(NA)	(NA)	(NA)
Education [1]	158.4	220.0	375.8	429.8	522.2	498.8	561.7	650.0	718.0	42.9
Dept. and research grants [2]	23.8	31.6	64.7	(NA)	114.6	(NA)	175.3	(NA)	198.5	11.9
Employee matching gifts [2]	14.0	22.4	45.4	(NA)	71.2	(NA)	72.2	(NA)	98.7	5.9
Unrestricted operating grants [2]	29.1	34.8	56.0	(NA)	57.4	(NA)	38.7	(NA)	70.0	4.8
Culture and art	33.0	53.2	108.7	139.6	145.8	145.2	154.7	187.5	198.7	11.9
Civic, community activities [1]	45.2	68.3	116.8	136.6	149.3	188.6	271.6	279.5	220.5	13.2
Community improvement	15.2	26.3	47.0	(NA)	48.2	(NA)	30.5	(NA)	12.8	.8
Environment; ecology	7.5	15.1	10.8	(NA)	13.8	(NA)	97.1	(NA)	35.9	2.1

NA Not available. [1] Includes other beneficiaries not shown separately. [2] Higher education institutions.

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



Section 13

Labor Force, Employment, and Earnings

This section presents data 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 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 work 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 by sex, race, Hispanic origin, and age, of the number of persons in the civilian labor force; 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 1987, reporting establishments employed 10 million manufacturing workers (51 percent of the total manufacturing employment at the time), 16 million workers in nonmanufacturing industries (24 percent of the total in nonmanufacturing), and 13 million Federal, State, and local government employees (72 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 nonagricultural 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 1312-12, Employment, Hours, and Earnings, United States, 1909-84* and *Bulletin 1370-17, Employment, Hours, and Earn-*

ings, 1939-82 (data for States and areas), and their supplements. (An updated bulletin, *Employment, Hours, and Earnings, States and Areas, 1972-87* is forthcoming.)

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.). 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. Persons on layoff from a job or waiting to report to a new job within 30 days are also classified as unemployed if they are available for work. All other persons, 16 years old and over, are "not in the labor force." The 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 629).

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 1972 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 will be implemented in 1989-90).

Industry data derived from the CPS beginning in January 1983 utilize the industrial classification developed for the 1980 Census of Population. CPS data from 1971 to 1982 were based on the 1970 census classification system. Both population census systems are developed from the SIC.

The 1970 system is based on the 1967 SIC, whereas, the 1980 system relates to the 1972 edition. 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 669), 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 1972-1982 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.

Recently, the *Union Sourcebook,* an annual publication by Leo Troy and Neil Sheflin of Rutgers University, has provided alternative estimates of union membership (see table 683). Due to differences in concept, method, scope, and reference period, BLS indicates a somewhat lower membership figure than does the *Sourcebook.* For example, BLS data are based on a sample survey and are subject to sampling error, while the *Sourcebook* data are figures covering all known labor organizations and are derived largely from financial reports of labor organizations. For a detailed discussion of the methodology used in the *Sourcebook* and differences with BLS data, see the *Sourcebook.*

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. 620. Employment Status of the Noninstitutional Population 16 Years Old and Over: 1950 to 1987

[**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
			Employed					Unemployed		
		Number	Total	Resident Armed Forces	Civilian			Number	Percent of labor force [1]	
					Total	Agriculture	Nonagriculture industries			
1950	106,164	63,377	60,087	1,169	58,918	7,160	51,758	3,288	5.2	42,787
1955	111,747	67,087	64,234	2,064	62,170	6,450	55,722	2,852	4.3	44,660
1960	119,106	71,489	67,639	1,861	65,778	5,456	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
1976	157,818	97,826	90,420	1,668	88,752	3,331	85,421	7,406	7.6	59,991
1977	160,689	100,665	93,673	1,656	92,017	3,283	88,734	6,991	6.9	60,025
1978	163,541	103,882	97,679	1,631	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*	*108,544*	*100,907*	*1,604*	*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	61,460
1982	173,939	111,872	101,194	1,668	99,526	3,401	96,125	10,678	9.5	62,067
1983	175,891	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
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	.9	58.6	2.0	56.7	4.5	(X)	35.9
1985	100.0	65.1	60.5	.9	59.6	1.8	57.8	4.6	(X)	34.9
1987	100.0	65.9	61.9	.9	60.9	1.7	59.2	4.0	(X)	34.1

X Not applicable. [1] Unemployment as a percent of the labor force, including resident Armed Forces.

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

No. 621. Civilian Labor Force and Participation Rates by Race, Hispanic Origin, Sex, and Age, 1970 to 1987, and Projections, 1995 and 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	1987	1995	2000	1970	1975	1980	1985	1987	1995	2000
Total [1]	**82.8**	**93.8**	**106.9**	**115.5**	**119.9**	**131.6**	**138.8**	**60.4**	**61.2**	**63.8**	**64.8**	**65.6**	**67.2**	**67.8**
White	73.6	82.8	93.6	99.9	103.3	111.7	116.7	60.2	61.5	64.1	65.0	65.8	67.5	68.2
Male	46.0	50.3	54.5	56.5	57.8	60.5	62.3	80.0	78.7	78.2	77.0	76.8	75.9	75.3
Female	27.5	32.5	39.1	43.5	45.5	51.2	54.4	42.6	45.9	51.2	54.1	55.7	59.7	61.5
Black [2]	9.2	9.3	10.9	12.4	13.0	15.1	16.3	61.8	58.8	61.0	62.9	63.8	65.6	66.0
Male	5.2	5.0	5.6	6.2	6.5	7.4	7.9	76.5	71.0	70.6	70.8	71.1	71.4	70.7
Female	4.0	4.2	5.3	6.1	6.5	7.7	8.4	49.5	48.9	53.2	56.5	58.0	60.9	62.1
Hispanic [3]	(NA)	(NA)	6.1	7.7	8.5	11.8	14.1	(NA)	(NA)	64.0	64.6	66.4	69.7	68.7
Male	(NA)	(NA)	3.8	4.7	5.2	7.0	8.3	(NA)	(NA)	81.4	80.3	81.0	80.9	80.4
Female	(NA)	(NA)	2.3	3.0	3.4	4.7	5.8	(NA)	(NA)	47.4	49.3	52.0	54.7	56.9
Male	51.2	56.3	61.5	64.4	66.2	70.4	73.1	79.7	77.9	77.4	76.3	76.2	75.3	74.7
16–19 years	4.0	4.8	5.0	4.1	4.1	4.0	4.5	56.1	59.1	60.5	56.8	56.1	58.5	60.2
16 and 17 years	1.8	2.1	2.1	1.7	1.7	1.7	1.9	47.0	48.6	50.1	45.1	45.6	47.4	48.7
18 and 19 years	2.2	2.7	2.9	2.5	2.4	2.3	2.6	66.7	70.6	71.3	68.9	67.4	70.7	72.2
20–24 years	5.7	7.6	8.6	8.3	7.8	6.9	7.0	83.3	84.5	85.9	85.0	85.2	86.8	87.5
25–34 years	11.3	14.2	17.0	18.8	19.7	18.4	16.6	96.4	95.2	95.2	94.7	94.6	93.9	93.6
35–44 years	10.5	10.4	11.8	14.5	15.6	19.4	20.1	96.9	95.6	95.5	95.0	94.6	94.1	93.9
45–54 years	10.4	10.4	9.9	9.9	10.2	13.7	16.3	94.3	92.1	91.2	91.0	90.7	90.6	90.1
55–64 years	7.1	7.0	7.2	7.1	6.9	6.4	7.2	83.0	75.6	72.1	67.9	67.6	64.0	63.2
65 years and over	2.2	1.9	1.9	1.8	1.9	1.6	1.4	26.8	21.6	19.0	15.8	16.3	11.9	9.9
Female	31.5	37.5	45.5	51.1	53.7	61.2	65.6	43.3	46.3	51.5	54.5	56.0	59.8	61.5
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	53.3	57.2	59.2
16 and 17 years	1.3	1.7	1.8	1.5	1.6	1.7	1.8	34.9	40.2	43.6	42.1	44.6	48.3	49.7
18 and 19 years	1.9	2.4	2.6	2.3	2.2	2.2	2.5	53.5	58.1	61.9	61.7	62.2	66.3	68.6
20–24 years	4.9	6.2	7.3	7.4	7.1	6.5	6.7	57.7	64.1	68.9	71.8	73.0	76.4	78.4
25–34 years	5.7	8.7	12.3	14.7	15.6	16.0	15.1	45.0	54.9	65.5	70.9	72.4	79.2	82.3
35–44 years	6.0	6.5	8.6	11.6	12.9	17.1	18.4	51.1	55.8	65.5	71.8	74.5	81.0	84.2
45–54 years	6.5	6.7	7.0	7.5	8.0	11.6	14.2	54.4	54.6	59.9	64.4	67.1	72.7	75.4
55–64 years	4.2	4.3	4.7	4.9	4.9	4.9	5.7	43.0	40.9	41.3	42.0	42.7	44.3	45.8
65 years and over	1.1	1.0	1.2	1.2	1.2	1.2	1.0	9.7	8.2	8.1	7.3	7.4	6.2	5.4

NA Not available. [1] Beginning 1975, includes other races not shown separately. [2] For 1970, Black and other. [3] Hispanic persons may be of any race.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings,* monthly; *Monthly Labor Review,* September 1987; and unpublished data.

No. 622. Employment Status of the Civilian Noninstitutional Population 16 Years Old and Over by Sex, Race, and Hispanic Origin: 1955 to 1987

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

Year, sex, race, and Hispanic origin	Civilian noninstitutional population	Civilian labor force						Not in labor force	
		Total	Percent of population	Employed	Employment/population ratio [1]	Unemployed			
						Number	Percent of labor force	Number	Percent of population
Total: [2]									
1955	109,683	65,023	59.3	62,170	56.7	2,852	4.4	44,660	40.7
1960	117,245	69,628	59.4	65,778	56.1	3,852	5.5	47,617	40.6
1965	126,513	74,455	58.9	71,088	56.2	3,366	4.5	52,058	41.1
1970	137,085	82,771	60.4	78,678	57.4	4,093	4.9	54,315	39.6
1975	153,153	93,775	61.2	85,846	56.1	7,929	8.5	59,377	38.8
1980	167,745	106,940	63.8	99,303	59.2	7,637	7.1	60,806	36.2
1981	170,130	108,670	63.9	100,397	59.0	8,273	7.6	61,460	36.1
1982	172,271	110,204	64.0	99,526	57.8	10,678	9.7	62,067	36.0
1983	174,215	111,550	64.0	100,834	57.9	10,717	9.6	62,665	36.0
1984	176,383	113,544	64.4	105,005	59.5	8,539	7.5	62,839	35.6
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
Male:									
1955	52,109	44,475	85.4	42,621	81.8	1,854	4.2	7,634	14.7
1960	55,662	46,388	83.3	43,904	78.9	2,486	5.4	9,274	16.7
1965	59,782	48,255	80.7	46,340	77.5	1,914	4.0	11,527	19.3
1970	64,304	51,228	79.7	48,990	76.2	2,238	4.4	13,076	20.3
1975	72,291	56,299	77.9	51,857	71.7	4,442	7.9	15,993	22.1
1980	79,398	61,453	77.4	57,186	72.0	4,267	6.9	17,945	22.7
1981	80,511	61,974	77.0	57,397	71.3	4,577	7.4	18,537	23.0
1982	81,523	62,450	76.6	56,271	69.0	6,179	9.9	19,073	23.4
1983	82,531	63,047	76.4	56,787	68.8	6,260	9.9	19,484	23.6
1984	83,605	63,835	76.4	59,091	70.7	4,744	7.4	19,771	23.6
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
Female:									
1955	57,574	20,548	35.7	19,551	34.0	998	4.9	37,026	64.3
1960	61,582	23,240	37.7	21,874	35.5	1,366	5.9	38,343	62.3
1965	66,731	26,200	39.3	24,748	37.1	1,452	5.5	40,531	60.7
1970	72,782	31,543	43.3	29,688	40.8	1,855	5.9	41,239	56.7
1975	80,860	37,475	46.3	33,989	42.0	3,486	9.3	43,386	53.7
1980	88,348	45,487	51.5	42,117	47.7	3,370	7.4	42,861	48.5
1981	89,618	46,696	52.1	43,000	48.0	3,696	7.9	42,922	47.8
1982	90,748	47,755	52.6	43,256	47.7	4,499	9.4	42,993	47.4
1983	91,684	48,503	52.9	44,047	48.0	4,457	9.2	43,181	47.1
1984	92,778	49,709	53.6	45,915	49.5	3,794	7.6	43,068	46.4
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
White:									
1955	98,880	58,085	58.7	55,833	56.5	2,252	3.9	40,798	41.3
1960	105,282	61,915	58.8	58,850	55.9	3,065	5.0	43,367	41.1
1965	113,284	66,137	58.4	63,445	56.0	2,691	4.1	47,147	41.6
1970	122,174	73,556	60.2	70,217	57.5	3,339	4.5	48,618	39.8
1975	134,790	82,831	61.5	76,411	56.7	6,421	7.8	51,959	38.5
1980	146,122	93,600	64.1	87,715	60.0	5,884	6.3	52,522	35.9
1981	147,908	95,052	64.3	88,709	60.0	6,343	6.7	52,856	35.7
1982	149,441	96,143	64.3	87,903	58.8	8,241	8.6	53,298	35.7
1983	150,805	97,021	64.3	88,893	58.9	8,128	8.4	53,784	35.7
1984	152,347	98,492	64.6	92,120	60.5	6,372	6.5	53,855	35.4
1985	153,679	99,926	65.0	93,736	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
Black:									
1973	14,917	8,976	60.2	8,128	54.5	846	9.4	5,941	39.8
1975	15,751	9,263	58.8	7,894	50.1	1,369	14.8	6,488	41.2
1980	17,824	10,865	61.0	9,313	52.2	1,553	14.3	6,959	39.0
1981	18,219	11,086	60.8	9,355	51.3	1,731	15.6	7,133	39.2
1982	18,584	11,331	61.0	9,189	49.4	2,142	18.9	7,254	39.0
1983	18,925	11,647	61.5	9,375	49.5	2,272	19.5	7,278	38.5
1984	19,348	12,033	62.2	10,119	52.3	1,914	15.9	7,315	37.8
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	1,684	13.0	7,359	36.2
Hispanic: [3]									
1980	9,598	6,146	64.0	5,527	57.6	620	10.1	3,452	36.0
1981	10,120	6,492	64.1	5,813	57.4	678	10.4	3,628	35.8
1982	10,580	6,734	63.6	5,805	54.9	929	13.8	3,846	36.4
1983	11,029	7,033	63.8	6,072	55.1	961	13.7	3,996	36.2
1984	11,478	7,451	64.9	6,651	57.9	800	10.7	4,027	35.1
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

[1] Civilian employed as a percent of the civilian noninstitutional population. [2] Includes other races, not shown separately.
[3] Hispanic persons may be of any race.

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

NO. 623. CHARACTERISTICS OF THE CIVILIAN LABOR FORCE, BY STATE: 1987

[**In thousands, except ratio and rate.** For civilian noninstitutional population, 16 years old and over. Annual averages of monthly figures. U.S. totals derived by independent population controls; therefore State data may not add to U.S. totals. For composition of regions, see fig. I, inside front cover]

REGION, DIVISION AND STATE	TOTAL		EMPLOYED		Employed/ population ratio[1]	UNEMPLOYED					PARTICIPATION RATE[3]	
						Total		Rate[2]				
	Number	Female	Total	Female		Number	Female	Total	Male	Female	Male	Female
United States	**119,865**	**53,658**	**112,440**	**50,334**	**61.5**	**7,425**	**3,324**	**6.2**	**6.2**	**6.2**	**76.2**	**56.0**
Region:												
Northeast	24,924	11,197	23,805	10,722	61.0	1,120	475	4.5	4.7	4.2	74.9	54.1
Midwest	29,826	13,389	27,840	12,536	62.1	1,986	853	6.7	6.9	6.4	77.1	57.0
South	40,579	18,238	37,819	16,928	60.7	2,760	1,310	6.8	6.5	7.2	75.6	55.7
West	24,575	10,854	23,018	10,169	62.8	1,557	685	6.3	6.4	6.3	77.4	57.4
New England	**6,829**	**3,167**	**6,601**	**3,062**	**66.2**	**228**	**105**	**3.3**	**3.4**	**3.3**	**78.0**	**60.0**
Maine	587	262	561	249	62.5	26	13	4.4	3.8	5.1	75.6	56.0
New Hampshire	588	265	573	258	71.3	15	7	2.5	2.5	2.6	82.1	64.6
Vermont	296	137	285	131	68.9	11	6	3.6	3.2	4.1	79.5	64.0
Massachusetts	3,086	1,443	2,987	1,399	65.1	99	44	3.2	3.4	3.0	77.0	58.8
Rhode Island	519	245	500	236	65.5	20	10	3.8	3.7	3.9	76.7	60.5
Connecticut	1,752	815	1,695	789	67.6	58	26	3.3	3.4	3.2	79.6	61.4
Middle Atlantic	**18,096**	**8,030**	**17,204**	**7,660**	**59.2**	**892**	**370**	**4.9**	**5.2**	**4.6**	**73.9**	**52.1**
New York	8,482	3,784	8,071	3,617	58.7	412	167	4.9	5.2	4.4	73.5	51.4
New Jersey	3,966	1,757	3,806	1,684	63.4	160	74	4.0	3.9	4.2	77.5	55.8
Pennsylvania	5,648	2,489	5,328	2,359	57.4	320	130	5.7	6.0	5.2	72.0	50.7
East North Central	**20,766**	**9,298**	**19,279**	**8,665**	**61.0**	**1,487**	**633**	**7.2**	**7.4**	**6.8**	**76.6**	**56.0**
Ohio	5,248	2,324	4,881	2,169	59.9	367	155	7.0	7.2	6.7	76.0	54.0
Indiana	2,751	1,290	2,575	1,210	61.9	175	80	6.4	6.5	6.2	75.3	58.2
Illinois	5,753	2,557	5,330	2,384	61.0	423	173	7.4	7.8	6.8	77.2	55.6
Michigan	4,523	2,021	4,154	1,858	59.9	369	162	8.2	8.3	8.0	75.8	55.7
Wisconsin	2,491	1,107	2,339	1,045	64.7	152	62	6.1	6.5	5.6	79.0	59.4
West North Central	**9,060**	**4,091**	**8,561**	**3,871**	**64.8**	**499**	**220**	**5.5**	**5.6**	**5.4**	**78.5**	**59.5**
Minnesota	2,259	1,029	2,137	979	66.9	122	49	5.4	5.9	4.8	79.9	62.1
Iowa	1,448	645	1,368	609	64.0	80	36	5.5	5.4	5.6	78.0	58.2
Missouri	2,589	1,166	2,426	1,093	62.7	164	73	6.3	6.4	6.3	77.3	57.6
North Dakota	331	146	314	139	65.0	17	7	5.2	5.3	5.0	77.7	59.7
South Dakota	355	161	340	154	66.1	15	6	4.2	4.3	4.0	78.9	59.8
Nebraska	811	375	771	357	65.3	40	18	4.9	4.9	4.9	77.6	60.5
Kansas	1,267	569	1,205	540	65.8	62	30	4.9	4.7	5.2	79.6	59.6
South Atlantic	**20,636**	**9,465**	**19,578**	**8,926**	**62.1**	**1,058**	**539**	**5.1**	**4.6**	**5.7**	**75.2**	**56.7**
Delaware	331	154	321	149	65.6	10	5	3.2	3.0	3.4	77.1	59.4
Maryland	2,402	1,108	2,300	1,058	66.7	102	50	4.2	4.0	4.5	79.2	61.0
District of Columbia	333	170	312	159	65.3	21	11	6.3	6.3	6.3	75.0	65.3
Virginia	2,989	1,347	2,862	1,283	65.3	126	65	4.2	3.8	4.8	78.1	59.0
West Virginia	749	312	668	284	46.1	81	28	10.8	12.2	8.9	64.7	40.4
North Carolina	3,276	1,525	3,130	1,448	65.1	146	77	4.5	3.9	5.1	77.3	59.9
South Carolina	1,632	743	1,541	690	61.7	91	53	5.6	4.3	7.2	75.2	56.6
Georgia	3,053	1,411	2,885	1,315	63.3	167	96	5.5	4.4	6.8	77.9	57.6
Florida	5,870	2,693	5,558	2,538	58.9	312	155	5.3	5.0	5.8	71.4	54.1
East South Central	**7,066**	**3,149**	**6,500**	**2,877**	**57.2**	**566**	**272**	**8.0**	**7.5**	**8.6**	**73.5**	**52.1**
Kentucky	1,686	731	1,538	666	55.4	148	65	8.8	8.7	8.9	73.5	49.5
Tennessee	2,336	1,062	2,181	985	59.2	154	77	6.6	6.1	7.2	73.4	54.5
Alabama	1,893	848	1,746	774	57.5	147	74	7.8	7.0	8.7	74.3	52.1
Mississippi	1,151	508	1,034	452	55.1	117	56	10.2	9.5	11.0	72.6	51.3
West South Central	**12,877**	**5,624**	**11,741**	**5,125**	**60.5**	**1,136**	**499**	**8.8**	**8.8**	**8.9**	**77.4**	**56.0**
Arkansas	1,090	483	1,002	438	56.3	88	45	8.1	7.1	9.3	71.6	51.9
Louisiana	1,955	836	1,720	737	53.6	234	99	12.0	12.1	11.8	73.8	49.4
Oklahoma	1,564	699	1,449	653	60.3	115	46	7.4	8.0	6.5	75.3	55.8
Texas	8,265	3,605	7,567	3,296	62.9	697	309	8.4	8.3	8.6	79.6	58.4
Mountain	**6,423**	**2,852**	**5,960**	**2,653**	**62.5**	**463**	**199**	**7.2**	**7.4**	**7.0**	**77.6**	**57.8**
Montana	403	179	373	166	62.5	30	12	7.4	7.8	6.9	77.2	58.2
Idaho	471	201	433	184	61.1	38	17	8.0	7.8	8.3	76.7	56.3
Wyoming	240	105	219	97	62.8	21	8	8.6	9.2	7.8	78.7	59.0
Colorado	1,697	771	1,567	717	64.2	130	54	7.7	8.3	7.0	79.7	60.4
New Mexico	685	295	624	269	57.9	61	25	8.9	9.1	8.6	75.1	52.8
Arizona	1,614	714	1,513	669	60.2	101	45	6.2	6.2	6.4	75.0	54.3
Utah	757	333	708	311	65.2	48	21	6.4	6.3	6.5	79.9	59.9
Nevada	556	255	522	239	68.2	35	16	6.3	6.3	6.2	79.8	65.8
Pacific	**18,152**	**8,002**	**17,058**	**7,516**	**62.9**	**1,094**	**486**	**6.0**	**6.0**	**6.1**	**77.3**	**57.2**
Washington	2,254	1,022	2,083	940	61.4	171	83	7.6	7.1	8.1	75.1	58.3
Oregon	1,387	632	1,302	591	62.5	86	41	6.2	5.9	6.5	75.2	58.6
California	13,747	5,990	12,955	5,647	63.1	792	343	5.8	5.8	5.7	77.9	56.6
Alaska	249	114	222	103	64.4	27	11	10.8	11.7	9.6	80.4	64.3
Hawaii	514	244	495	236	64.8	20	8	3.8	4.3	3.3	75.3	60.4

[1] Civilian employment as a percent of civilian noninstitutional population. [2] Percent unemployed of the civilian labor force. [3] 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, 1987.*

NO. 624. CIVILIAN LABOR FORCE—PERCENT DISTRIBUTION BY SEX AND AGE: 1960 TO 1987

[**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
Total: 1960	69,628	7.0	9.6	20.7	23.4	21.3	13.5	4.6
1965	74,455	7.9	11.1	19.1	22.6	21.2	13.9	4.2
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
1983	111,550	7.3	14.4	28.5	21.2	15.1	10.8	2.7
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	29.4	23.7	15.2	9.9	2.6
Male: 1960	46,388	6.0	8.9	22.1	23.6	20.6	13.8	4.9
1965	48,255	7.0	10.1	20.5	23.0	20.8	14.0	4.4
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	3.1
1983	63,047	6.8	13.6	28.6	21.3	15.5	11.3	2.9
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
Female: 1960	23,240	8.8	11.1	17.8	22.8	22.7	12.8	3.9
1965	26,200	9.6	12.8	16.5	21.8	21.8	13.7	3.7
1970	31,543	10.3	15.5	18.1	18.9	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
1983	48,503	8.0	15.4	28.4	21.1	14.6	10.0	2.5
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	2.9

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

NO. 625. CIVILIAN LABOR FORCE—EMPLOYMENT STATUS BY SEX, RACE, AND AGE: 1987

[**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			
		Percent by age								Employed		Unemployed	
	Total (1,000)	Male	Female	Total	Employed	Unemployed	Total	Employed	Unemployed	Male	Female	Male	Female
All workers [1]	**119,865**	**100.0**	**100.0**	**66,207**	**62,107**	**4,101**	**53,658**	**50,334**	**3,324**	**93.8**	**93.8**	**6.2**	**6.2**
16-19 years	7,988	6.2	7.2	4,112	3,981	732	3,875	3,260	616	82.2	84.1	17.8	15.9
20-24 years	14,977	11.8	13.3	7,837	7,058	779	7,140	6,466	674	90.1	90.6	9.9	9.4
25-34 years	35,233	29.7	29.0	19,656	18,487	1,169	15,577	14,617	960	94.1	93.8	5.9	6.2
35-44 years	28,460	23.5	24.0	15,587	14,898	689	12,873	12,281	592	95.6	95.4	4.4	4.6
45-54 years	18,210	15.4	15.0	10,176	9,750	426	8,034	7,737	298	95.8	96.3	4.2	3.7
55-64 years	11,877	10.5	9.2	6,940	6,682	258	4,937	4,783	155	96.3	96.9	3.7	3.1
65 years and over	3,119	2.9	2.3	1,899	1,850	49	1,221	1,191	30	97.4	97.5	2.6	2.5
White	**103,290**	**100.0**	**100.0**	**57,779**	**54,647**	**3,132**	**45,510**	**43,142**	**2,369**	**94.6**	**94.8**	**5.4**	**5.2**
16-19 years	6,893	6.1	7.4	3,547	2,999	548	3,347	2,900	447	84.6	86.6	15.4	13.4
20-24 years	12,764	11.6	13.3	6,717	6,150	568	6,047	5,598	449	91.5	92.6	8.5	7.4
25-34 years	29,956	29.4	28.5	16,963	16,084	879	12,993	12,345	648	94.8	95.0	5.2	5.0
35-44 years	24,581	23.7	24.0	13,674	13,138	536	10,907	10,459	448	96.1	95.9	3.9	4.1
45-54 years	15,792	15.5	15.0	8,945	8,596	350	6,847	6,620	227	96.1	96.7	3.9	3.3
55-64 years	10,497	10.7	9.4	6,200	5,991	209	4,297	4,172	124	96.6	97.1	3.4	2.9
65 years and over	2,806	3.0	2.4	1,733	1,690	43	1,073	1,047	25	97.5	97.6	2.5	2.3
Black	**12,993**	**100.0**	**100.0**	**6,486**	**5,661**	**826**	**6,507**	**5,648**	**858**	**87.3**	**86.8**	**12.7**	**13.2**
16-19 years	899	7.1	6.7	463	304	160	435	283	152	65.5	65.1	34.5	34.9
20-24 years	1,818	14.1	13.9	914	728	186	904	693	211	79.7	76.7	20.3	23.3
25-34 years	4,147	32.0	31.9	2,074	1,821	253	2,073	1,793	280	87.8	86.5	12.2	13.5
35-44 years	2,942	21.7	23.6	1,406	1,283	122	1,537	1,412	125	91.3	91.9	8.7	8.1
45-54 years	1,838	14.1	14.2	915	853	61	924	860	63	93.3	93.2	6.7	6.8
55-64 years	1,098	9.0	7.9	586	547	39	512	489	23	93.3	95.5	6.7	4.5
65 years and over	251	2.0	1.9	130	124	6	121	117	4	95.4	96.7	4.6	3.3

[1] Includes other races not shown separately.

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

NO. 626. EMPLOYED CIVILIANS AND WEEKLY HOURS BY SELECTED CHARACTERISTICS: 1970 TO 1987

[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	1975	1980	1982	1983	1984	1985	1986	1987
Total employed	**78,678**	**85,846**	**99,303**	**99,526**	**100,834**	**105,005**	**107,150**	**109,597**	**112,440**
Age:									
16-19 years	6,144	7,104	7,710	6,549	6,342	6,444	6,434	6,472	6,640
20-24 years	9,731	11,885	14,087	13,690	13,722	14,207	13,980	13,790	13,524
25-34 years	16,318	21,087	27,204	28,149	28,756	30,348	31,208	32,201	33,105
35-44 years	15,922	15,953	19,523	20,879	21,960	23,598	24,732	25,861	27,179
45-54 years	16,473	16,190	16,234	15,923	15,812	16,178	16,509	16,949	17,487
55-64 years	10,974	10,827	11,586	11,414	11,315	11,395	11,474	11,405	11,465
65 years and over	3,118	2,801	2,960	2,923	2,927	2,835	2,813	2,919	3,041
Sex: Male	48,990	51,857	57,186	56,271	56,787	59,091	59,891	60,892	62,107
Female	29,688	33,989	42,117	43,256	44,047	45,915	47,259	48,706	50,334
Marital status:									
Married, spouse present	55,554	58,037	62,536	62,127	62,570	64,692	65,584	66,802	68,372
Single (never married)	15,039	18,256	24,082	24,069	24,779	26,143	26,780	27,478	28,355
Widowed, divorced, separated	8,087	9,552	12,686	13,330	13,483	14,170	14,786	15,318	15,713
Class of worker:									
Nonagriculture	75,215	82,438	95,938	96,125	97,450	101,685	103,971	106,434	109,232
Wage and salary worker	69,491	76,249	88,525	88,462	89,500	93,565	95,871	98,299	100,771
Self-employed	5,221	5,705	7,000	7,262	7,575	7,785	7,811	7,881	8,201
Unpaid family workers	502	483	413	401	376	335	289	255	260
Agriculture	3,463	3,408	3,364	3,401	3,383	3,321	3,179	3,163	3,208
Wage and salary worker	1,154	1,301	1,425	1,505	1,579	1,555	1,535	1,547	1,632
Self-employed	1,810	1,722	1,642	1,636	1,565	1,553	1,458	1,447	1,423
Unpaid family workers	499	386	297	261	240	213	185	169	153
Weekly hours:									
Nonagriculture:									
Wage and salary workers	38.3	38.1	38.1	37.6	37.9	38.4	38.7	38.8	38.7
Self-employed	45.0	42.3	41.2	39.8	40.0	40.6	41.1	41.2	41.0
Unpaid family workers	37.9	38.3	34.7	34.7	34.8	35.1	35.1	35.5	36.3
Agriculture:									
Wage and salary workers	40.0	40.8	41.6	40.3	40.3	41.1	40.8	40.9	40.6
Self-employed	51.0	49.7	49.3	48.3	47.4	48.1	48.2	48.4	47.8
Unpaid family workers	40.0	39.6	38.6	38.9	38.6	38.9	38.5	39.7	39.9

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

NO. 627. SELF-EMPLOYED WORKERS BY SELECTED CHARACTERISTICS: 1970 TO 1987

[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	1983	1984	1985	1986	1987
Total self-employed	**7,031**	**7,427**	**8,642**	**9,140**	**9,338**	**9,269**	**9,328**	**9,624**
Age:								
16-19 years old	81	136	131	127	125	115	98	94
20-24 years old	223	337	432	434	452	401	368	383
25-34 years old	1,000	1,390	1,914	2,183	2,238	2,217	2,227	2,238
35-44 years old	1,431	1,502	2,028	2,261	2,407	2,472	2,532	2,684
45-54 years old	1,816	1,769	1,832	1,819	1,844	1,842	1,859	1,908
55-64 years old	1,569	1,487	1,530	1,525	1,517	1,513	1,492	1,540
65 years old and over	911	807	776	790	754	710	750	775
Sex: Men	5,654	5,822	6,362	6,491	6,569	6,451	6,498	6,617
Women	1,377	1,604	2,281	2,649	2,769	2,817	2,830	3,007
Race: White	6,627	7,012	8,116	8,581	8,736	8,659	8,706	8,956
Black	(NA)	293	342	345	365	379	380	403
Industry:								
Agriculture	1,810	1,722	1,642	1,565	1,553	1,458	1,447	1,423
Nonagriculture	5,221	5,705	7,000	7,575	7,785	7,811	7,881	8,201
Mining	14	16	28	29	25	20	26	27
Construction	687	839	1,173	1,158	1,235	1,301	1,369	1,384
Manufacturing	264	273	358	371	360	347	371	354
Transportation and public utilities	196	223	282	322	318	315	318	335
Trade	1,667	1,709	1,899	1,932	1,920	1,792	1,787	1,841
Finance, insurance, and real estate	254	335	458	532	544	558	556	597
Services	2,140	2,310	2,804	3,293	3,383	3,477	3,455	3,663
Occupation:								
Managerial and professional specialty	(NA)	(NA)	(NA)	2,437	2,531	2,585	2,554	2,714
Technical, sales, and administrative support	(NA)	(NA)	(NA)	2,114	2,132	2,059	2,092	2,138
Service occupations	(NA)	(NA)	(NA)	887	939	960	998	1,058
Precision production, craft, and repair	(NA)	(NA)	(NA)	1,526	1,602	1,611	1,651	1,680
Operators, fabricators, and laborers	(NA)	(NA)	(NA)	599	584	568	578	596
Farming, forestry, and fishing	(NA)	(NA)	(NA)	1,580	1,551	1,465	1,456	1,438

NA Not available.

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

No. 628. Persons With a Job But Not at Work: 1970 to 1987

[**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	1979	1980	1981	1982	1983	1984	1985	1986	1987		
											Total	Male	Female
All industries, number	**4,645**	**5,221**	**5,747**	**5,882**	**5,790**	**5,712**	**5,563**	**5,575**	**5,789**	**5,741**	**5,910**	**2,840**	**3,071**
Percent of employed	**5.9**	**6.1**	**5.8**	**5.9**	**5.8**	**5.7**	**5.5**	**5.3**	**5.4**	**5.2**	**5.3**	**4.6**	**6.1**
Reason for not working: Vacation	2,341	2,815	3,191	3,320	3,247	3,153	3,096	3,147	3,338	3,234	3,421	1,608	1,813
Illness	1,324	1,343	1,420	1,425	1,413	1,331	1,291	1,322	1,308	1,292	1,320	698	622
Bad weather	128	139	198	155	112	202	124	118	141	128	92	85	7
Industrial dispute	156	95	123	105	64	36	91	40	42	56	34	25	10
All other	696	829	816	876	953	988	962	947	960	1,030	1,043	423	619

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

No. 629. Employed and Unemployed Workers by Work Schedules, Sex, and Age: 1976 to 1987

[**In thousands.** See headnote, table 630]

CHARACTERISTIC	EMPLOYED				CHARACTERISTIC	UNEMPLOYED			
	1976	1980	1985	1987		1976	1980	1985	1987
Total	**88,752**	**99,303**	**107,150**	**112,440**	**Total**	**7,406**	**7,636**	**8,312**	**7,425**
Full-time [1]	73,964	82,562	88,535	92,957	Looking for full-time work	5,974	6,269	6,793	5,979
Male	48,150	51,717	53,862	55,746	Male	3,421	3,703	3,925	3,520
16-19 years old	1,974	2,017	1,437	1,365	16-19 years old	551	537	446	373
20-24 years old	6,002	6,533	6,078	5,871	20-24 years old	856	994	857	695
25-54 years old	32,873	35,644	39,207	41,400	25-54 years old	1,695	1,923	2,329	2,201
55 years and over	7,298	7,521	7,139	7,110	55 years and over	320	250	292	252
Female	25,814	30,846	34,672	37,210	Female	2,553	2,564	2,868	2,458
16-19 years old	1,409	1,456	1,069	1,089	16-19 years old	448	430	331	280
20-24 years old	4,435	5,098	4,903	4,810	20-24 years old	649	636	636	535
25-54 years old	16,405	20,395	24,838	27,354	25-54 years old	1,268	1,363	1,727	1,523
55 years and over	3,565	3,897	3,862	3,956	55 years and over	188	135	173	120
Part-time [1]	14,788	16,740	18,615	19,483	Looking for part-time work	1,432	1,369	1,519	1,446
Male	4,989	5,471	6,028	6,360	Male	615	563	596	580
16-19 years old	1,973	2,068	1,891	2,015	16-19 years old	387	377	360	358
20-24 years old	913	999	1,261	1,187	20-24 years old	94	81	87	84
25-54 years old	946	1,092	1,568	1,735	25-54 years old	63	54	79	82
55 years and over	1,157	1,314	1,308	1,422	55 years and over	71	52	70	55
Female	9,799	11,271	12,587	13,124	Female	816	806	923	866
16-19 years old	1,981	2,169	2,036	2,171	16-19 years old	333	326	330	336
20-24 years old	1,219	1,456	1,738	1,656	20-24 years old	115	124	158	139
25-54 years old	4,961	5,827	6,837	7,281	25-54 years old	291	299	359	327
55 years and over	1,636	1,815	1,976	2,016	55 years and over	79	57	75	64

[1] 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, *Employment and Earnings*, monthly; Bulletin 2307; and unpublished data.

No. 630. Hispanic Persons—Civilian Labor Force Participation: 1986 and 1987

[**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	1986					1987				
	Total	Mexican	Puerto Rican	Cuban	Other Hispanic origin [1]	Total	Mexican	Puerto Rican	Cuban	Other Hispanic origin [1]
Total (1,000)	**12,344**	**7,377**	**1,494**	**842**	**2,631**	**12,867**	**7,651**	**1,540**	**819**	**2,857**
Percent in labor force: Male	81.0	82.7	73.5	78.4	80.8	81.0	82.7	72.3	77.6	81.4
Female	50.1	50.5	38.1	56.9	54.3	52.0	52.4	39.3	55.8	57.1
Employed (1,000)	7,219	4,387	691	533	1,608	7,790	4,690	744	518	1,838
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional	12.8	10.5	14.2	19.9	16.1	13.1	10.9	14.1	22.2	15.5
Tech., sales, and admin. suppport	25.1	23.0	29.5	33.8	26.1	25.3	22.8	29.4	34.9	27.3
Service	18.0	17.3	19.1	13.0	21.0	17.6	16.9	17.7	11.8	20.8
Farming, forestry, and fishing occupations	5.0	7.1	1.9	1.5	1.7	5.9	8.6	1.3	1.2	2.3
Precision production, craft, and repair	14.3	15.4	12.6	13.1	12.3	13.9	14.7	12.8	13.0	12.7
Operators, fabricators and laborers	24.9	26.7	23.0	19.0	22.6	24.3	26.1	24.6	17.0	21.5
Percent unemployed: Male	10.5	11.0	13.4	6.5	9.1	8.7	9.5	10.4	5.1	6.7
Female	10.8	11.7	15.0	6.3	8.2	8.9	10.4	9.6	5.3	6.0

[1] Includes Central or South American and other Hispanic origin.

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

No. 631. Workers on Flexible Schedules, by Selected Characteristics: 1985

[In thousands, except percent. As of May. For full-time wage and salary workers. See headnote, table 629]

Characteristic	All workers			With flexible schedules			Percent of all workers		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total	**73,395**	**43,779**	**29,616**	**9,061**	**5,760**	**3,300**	**12.3**	**13.2**	**11.1**
Marital status and presence of youngest child:									
Single	16,812	9,703	7,109	2,123	1,232	891	12.6	12.7	12.5
With no children under 18	16,264	9,605	6,659	2,055	1,218	837	12.6	12.7	12.6
With own children: under 6	301	88	213	26	10	16	8.6	11.4	7.5
Between 6 and 13 years old	192	6	186	29	1	28	15.1	16.7	15.1
Between 14 and 17 years old	55	4	51	13	3	10	23.6	75.0	19.6
Married, spouse present	45,345	29,666	15,679	5,483	3,868	1,615	12.1	13.0	10.3
With no children under 18	19,413	11,567	7,846	2,311	1,531	780	11.9	13.2	9.9
With own children: under 6	12,093	8,927	3,166	1,459	1,130	329	12.1	12.7	10.4
Between 6 and 13 years old	9,391	6,299	3,092	1,164	814	350	12.4	12.9	11.3
Between 14 and 17 years old	4,449	2,873	1,576	547	392	155	12.3	13.6	9.8
Other marital status	11,238	4,410	6,828	1,455	661	794	12.9	15.0	11.6
With no children under 18	8,252	3,895	4,357	1,125	588	537	13.6	15.1	12.3
With own children: under 6	673	120	553	62	9	53	9.2	7.5	9.6
Between 6 and 13 years old	1,418	224	1,194	173	38	135	12.2	17.0	11.3
Between 14 and 17 years old	895	171	724	94	25	69	10.5	14.6	9.5
Occupation:									
Managerial and professional	18,944	10,896	8,049	3,448	2,340	1,109	18.2	21.5	13.8
Technical, sales, administrative	21,961	8,346	13,615	3,215	1,540	1,675	14.6	18.5	12.3
Service occupations	7,268	3,552	3,717	619	302	317	8.5	8.5	8.5
Precision production, craft, and repair	10,477	9,670	807	717	658	59	6.8	6.8	7.3
Operators, fabricators, and laborers	13,326	10,073	3,253	847	728	120	6.4	7.2	3.7
Farming, forestry, and fisheries	1,418	1,243	175	214	192	22	15.1	15.4	12.6
Industry:									
Private sector	60,127	36,995	23,132	7,559	4,904	2,656	12.6	13.3	11.5
Goods producing [1]	24,626	18,354	6,272	2,420	1,892	528	9.8	10.3	8.4
Service producing	35,500	18,641	16,860	5,139	3,011	2,128	14.5	16.2	12.6
Public sector	13,268	6,784	6,484	1,501	857	644	11.3	12.6	9.9
Federal government	2,901	1,794	1,107	580	340	240	20.0	19.0	21.7
State government	3,320	1,645	1,675	537	292	245	16.2	17.8	14.6
Local government	7,047	3,345	3,702	384	225	160	5.4	6.7	4.3

[1] Includes agriculture, mining, construction, and manufacturing.

No. 632. Work Schedules of Full-Time Wage and Salary Workers, by Marital Status and Presence of Youngest Child, Occupation, and Industry: 1985

[In thousands, except percent. As of May. See headnote, table 629]

Characteristic	Total employed	Work schedules—percent distribution					
		Regular daytime schedule	Shift workers				
			Total	Evening	Night	Rotating	Other
Total	**73,395**	**84.1**	**15.9**	**6.3**	**2.7**	**4.3**	**2.6**
Husbands	29,201	83.6	16.4	5.7	2.7	5.1	3.0
With children under 18	18,101	82.9	17.1	5.9	3.0	5.2	3.0
Without children under 18	11,099	84.6	15.4	5.5	2.2	4.8	2.9
Wives	15,432	90.0	10.0	4.2	1.8	2.3	1.6
With children under 18	7,831	89.3	10.7	4.9	2.1	2.3	1.4
Youngest under 6	3,164	88.1	11.9	6.0	2.0	2.4	1.4
Youngest 6 to 13	3,092	89.8	10.2	4.1	2.6	1.9	1.5
Youngest 14 to 17	1,576	90.4	9.6	4.5	1.3	2.8	1.0
Without children under 18	7,601	90.8	9.2	3.5	1.6	2.4	1.8
Women who maintain families	4,334	83.7	16.3	7.3	3.3	3.9	1.8
With children under 18	2,921	83.5	16.5	7.3	3.1	4.2	1.7
Youngest under 6	766	80.2	19.8	10.4	2.9	5.4	1.0
Youngest 6 to 13	1,380	85.7	14.3	6.2	3.3	2.9	2.0
Youngest 14 to 17	774	83.1	17.1	6.3	3.2	5.6	1.9
Without children under 18	1,413	84.0	16.1	7.4	3.5	3.3	1.8
Men who maintain families	1,273	80.8	19.2	7.7	3.4	6.0	2.2
With children under 18	614	81.3	18.7	7.5	3.3	5.7	2.1
Without children under 18	659	80.4	19.6	7.9	3.5	6.1	2.0
Other persons in families	9,541	80.2	19.8	8.7	3.7	4.8	2.6
Persons living alone	8,192	82.5	17.5	7.0	2.9	4.2	3.3
Persons living with nonrelatives	5,422	81.0	19.0	8.6	2.5	4.7	3.1
Occupation:							
Managerial and professional	18,944	91.4	8.6	2.0	1.2	2.7	2.7
Technical, sales, administrative	21,961	88.3	11.7	4.2	2.1	3.5	1.8
Service occupations	7,268	61.6	38.4	16.9	6.1	8.7	6.7
Precision production, craft, and repair	10,477	87.0	13.0	6.3	2.2	3.7	.8
Operators, fabricators, and laborers	13,326	76.3	23.7	10.5	4.6	6.2	2.4
Farming, forestry, and fisheries	1,418	89.9	10.1	1.5	1.4	.7	6.5
Industry: Private sector	60,127	83.5	16.5	6.6	2.9	4.4	2.7
Goods producing [1]	24,626	85.0	15.0	7.4	2.6	3.9	1.1
Service producing	35,500	82.4	17.6	6.1	3.0	4.8	3.7
Public sector	13,268	87.2	12.8	4.6	2.0	3.7	2.5
Federal government	2,901	86.2	13.8	6.1	3.4	2.8	1.4
State government	3,320	88.2	11.8	4.3	2.3	3.0	2.2
Local government	7,047	87.1	12.9	4.2	1.3	4.5	2.9

[1] Includes agriculture, mining, construction, and manufacturing.

Source of tables 631 and 632: U.S. Bureau of Labor Statistics, *Monthly Labor Review*, November 1986, and unpublished data.

No. 633. Multiple Jobholders—Selected Characteristics: 1985

[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						
				Number (1,000)			Average weekly hours		Median weekly earnings [1] (dol.)	
	Total	Male	Female	Total	Male	Female	All jobs	Secondary job	All jobs	Secondary job
Total	**108,678**	**60,015**	**46,864**	**5,730**	**3,537**	**2,192**	**51.3**	**14.2**	**$343**	**$70**
Age:										
16 to 19 years old	6,289	3,370	2,919	289	134	156	34.0	11.4	119	42
20 to 24 years old	13,857	7,345	6,512	777	436	340	48.9	14.1	245	65
25 to 34 years old	31,246	17,641	13,605	1,771	1,090	682	52.6	14.7	340	75
35 to 44 years old	24,446	13,698	10,748	1,522	967	556	53.7	15.1	477	76
45 to 54 years old	16,682	9,526	7,156	847	558	290	52.9	13.5	510	73
55 to 64 years old	11,545	6,739	4,806	433	294	139	51.8	13.5	494	71
65 years old and over	2,813	1,696	1,117	90	59	31	42.3	10.7	152	45
Race and Hispanic origin:										
White	93,555	53,222	40,333	5,286	3,291	1,995	51.1	14.0	344	69
Black	10,416	5,240	5,176	338	187	151	53.8	16.8	305	81
Hispanic origin [2]	6,489	3,984	2,505	194	125	69	51.1	15.1	355	66
Marital status:										
Single	26,167	14,768	11,399	1,448	767	681	(NA)	(NA)	(NA)	(NA)
Married, spouse present	65,443	39,444	25,999	3,448	2,447	1,001	(NA)	(NA)	(NA)	(NA)
Other	15,268	5,803	9,465	834	323	510	(NA)	(NA)	(NA)	(NA)
Class of worker—primary job:										
Agriculture	3,524	2,837	687	186	151	35	53.2	18.2	(NA)	70
Wage and salary worker	1,731	1,391	340	103	83	21	55.6	15.3	228	76
Self-employed	1,582	1,376	206	74	65	9	51.3	22.0	(NA)	65
Unpaid family worker	211	70	140	8	4	4	36.9	23.3	(NA)	(NA)
Nonagriculture	103,354	57,177	46,177	5,544	3,386	2,158	51.2	14.1	(NA)	69
Wage and salary worker	95,379	52,008	43,372	5,266	3,230	2,036	51.7	14.1	378	68
Self-employed	7,694	5,134	2,561	269	151	118	42.4	14.0	(NA)	78
Unpaid family worker	280	36	244	9	5	4	41.7	20.8	(NA)	(NA)

NA Not available. [1] 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. [2] Hispanic persons may be of any race.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*, November 1986, and unpublished data.

No. 634. Selected Worklife Indices by Sex, Race, and Educational Attainment: 1979–1980

[In years, except percent. For the civilian noninstitutional population. For methodological details, see source]

Index and age	Male						Female					
		Race		Educational attainment				Race		Educational attainment		
	Total	White	Black and other	Less than high school	High school to 14 years	15 years or more	Total	White	Black and other	Less than high school	High school to 14 years	15 years or more
Life expectancy:												
At birth	70.0	70.7	65.3	70.0	70.0	70.0	77.6	78.3	73.9	77.6	77.6	77.6
At age 25	47.3	47.9	43.3	47.3	47.3	47.3	54.2	54.7	51.0	54.2	54.2	54.2
At age 60	17.5	17.6	16.5	17.5	17.5	17.5	22.4	22.6	21.0	22.4	22.4	22.4
At age 65	14.2	14.3	13.8	14.2	14.2	14.2	18.5	18.7	17.7	18.5	18.5	18.5
Worklife expectancy:												
At birth	38.8	39.8	32.9	34.6	39.9	41.1	29.4	29.7	27.4	22.3	30.1	34.9
At age 25	33.1	33.8	28.6	29.2	33.8	36.1	24.0	24.1	23.5	17.9	24.4	27.9
At age 60	4.4	4.5	3.3	3.3	4.7	6.3	3.0	3.0	3.0	2.3	3.3	3.5
At age 65	2.3	2.3	1.8	1.8	2.4	3.6	1.5	1.5	1.5	1.2	1.6	1.8
Percent of life economically active: [1]												
From birth	55.4	56.3	50.4	49.4	57.0	58.7	37.9	37.9	37.1	28.7	38.8	45.0
From age 25	70.0	70.6	66.1	61.7	71.5	76.3	44.3	44.1	46.1	33.0	45.0	51.5
From age 60	25.1	25.6	20.0	18.9	26.9	36.0	13.4	13.3	14.3	10.3	14.7	15.6
From age 65	16.2	16.1	13.0	12.7	16.9	25.4	8.1	8.0	8.5	6.5	9.7	9.7
Number of times person enters labor force per:												
Person born	3.9	3.9	4.3	4.3	3.7	4.6	5.5	5.6	5.4	5.8	5.6	5.6
Person age 25	1.5	1.5	1.8	2.0	1.5	1.4	3.0	3.0	3.1	3.3	3.2	2.7
Expected duration per entry remaining: [2]												
From birth	9.9	10.2	7.7	8.0	10.8	8.9	5.3	5.3	5.1	3.8	5.4	6.2
From age 25	22.1	22.5	15.9	14.6	22.5	25.8	8.0	8.0	7.6	5.4	7.6	10.3
Number of times person voluntarily leaves labor force:												
From birth	3.6	3.6	3.9	4.0	3.6	4.5	5.4	5.5	5.4	5.7	5.7	4.7
From age 25	2.3	2.3	2.4	2.7	2.3	2.2	3.8	3.8	3.7	3.8	4.0	3.6

[1] Ratio of worklife expectancy to life expectancy. [2] Worklife expectancy divided by number of times person enters labor force.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*, August 1985.

NO. 635. CIVILIAN LABOR FORCE—YEARS OF SCHOOL COMPLETED, BY SEX AND RACE: 1988

[As of **March**. For civilian noninstitutional population 25-64 years of age. Based on Current Population Survey; see text, section 1 and Appendix III]

EMPLOYMENT STATUS, SEX, AND RACE	Population, 25-64 years old (1,000)	PERCENT DISTRIBUTION BY SCHOOL YEARS COMPLETED							
		Elementary school			High school		College		
		0-4 years	5-7 years	8 years	1-3 years	4 years	1-3 years	4 years	5 years or more
Total [1]	**122,386**	**1.7**	**3.0**	**3.1**	**10.9**	**40.2**	**18.5**	**13.1**	**9.4**
Civilian labor force	94,871	1.1	2.1	2.3	9.2	39.9	19.7	14.7	11.0
Employed	90,393	1.0	2.0	2.2	8.7	39.6	19.9	15.1	11.4
Unemployed	4,477	2.0	4.8	3.8	18.7	45.9	15.3	6.7	2.9
Not in labor force	27,517	3.9	5.9	6.0	16.8	41.3	14.4	7.4	4.2
Male, total	59,401	1.8	3.3	3.2	10.7	36.9	17.9	14.4	11.7
Civilian labor force	52,616	1.3	2.7	2.7	9.8	37.3	18.5	15.3	12.4
Employed	49,918	1.2	2.5	2.6	9.3	36.9	18.7	15.8	13.0
Unemployed	2,698	2.6	5.7	4.3	19.3	45.0	14.2	6.5	2.4
Not in labor force	6,786	5.8	8.2	7.4	18.0	34.0	13.8	7.3	5.5
Female, total	62,983	1.6	2.7	3.0	11.0	43.4	19.0	11.9	7.3
Civilian labor force	42,255	.8	1.5	1.8	8.4	43.3	21.2	14.0	9.1
Employed	40,475	.8	1.4	1.7	8.0	43.1	21.3	14.3	9.3
Unemployed	1,778	1.1	3.4	2.9	17.7	47.3	17.2	6.9	3.5
Not in labor force	20,731	3.2	5.2	5.6	16.4	43.7	14.6	7.5	3.7
White, total	104,889	1.5	2.7	3.0	10.0	40.7	18.7	13.5	9.8
Civilian labor force	81,887	1.0	2.0	2.3	8.5	40.1	19.7	15.0	11.4
Employed	78,599	1.0	1.9	2.2	8.1	39.8	19.9	15.3	11.7
Unemployed	3,287	2.2	4.6	4.2	17.7	45.6	15.9	7.5	2.3
Not in labor force	23,000	3.3	5.3	5.9	15.3	42.9	15.2	7.8	4.2
Black, total	13,439	2.2	4.9	3.9	18.9	41.0	16.7	7.7	4.7
Civilian labor force	9,984	1.1	3.2	2.8	15.5	43.0	19.2	9.5	5.7
Employed	8,984	1.2	3.0	2.8	14.5	42.4	19.8	10.2	6.1
Unemployed	1,001	.6	5.5	2.6	24.1	48.1	14.2	2.9	2.1
Not in labor force	3,455	5.2	9.7	7.3	28.8	35.3	9.2	2.7	1.9

[1] Includes other races, not shown separately.

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

NO. 636. SCHOOL ENROLLMENT AND LABOR FORCE STATUS OF CIVILIANS 16 TO 24 YEARS OLD, BY SELECTED CHARACTERISTICS: 1980 AND 1987

[**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	1987	1980, total	1987		1980	1987	1980, total	1987	
				Total	Percent [1]				Total	Rate [2]
Total, 16 to 24 years [3]	**37,103**	**33,452**	**24,918**	**22,931**	**66.9**	**21,459**	**19,847**	**3,464**	**2,544**	**11.4**
Enrolled in school [3]	15,713	15,656	7,454	7,720	49.3	6,438	6,785	1,021	936	12.1
16 to 19 years	11,126	10,863	4,836	4,831	44.5	4,029	4,071	807	760	15.7
20 to 24 years	4,587	4,792	2,618	2,890	60.3	2,405	2,714	214	175	6.1
Male	7,997	8,054	3,825	3,857	47.9	3,259	3,384	566	473	12.3
Female	7,716	7,602	3,629	3,864	50.8	3,179	3,401	455	463	12.0
College level	7,664	7,931	3,996	4,422	55.8	3,632	4,109	364	313	7.1
Full-time	6,396	6,470	2,854	3,116	48.2	2,554	2,861	300	254	8.2
White	13,242	12,843	6,690	6,656	51.8	5,892	5,973	798	683	10.3
Below college	6,566	6,168	3,096	2,856	46.3	2,579	2,399	517	458	16.0
College level	6,678	6,675	3,592	3,800	56.9	3,310	3,575	282	225	5.9
Black	2,028	2,111	595	775	36.7	406	567	189	207	26.8
Below college	1,282	1,256	294	358	28.5	174	223	120	135	37.8
College level	747	855	300	417	48.7	230	345	70	72	17.3
Not enrolled [3]	21,390	17,796	17,464	14,671	82.4	15,021	13,062	2,443	1,608	11.0
White	18,103	14,747	15,121	12,406	84.1	13,318	11,288	1,803	1,117	9.0
Black	2,864	2,622	2,055	1,914	73.0	1,451	1,472	604	443	23.1

[1] Percent of civilian noninstitutional population. [2] Percent of civilian labor force in each category. [3] Includes other races, not shown separately.

Source: U.S. Bureau of Labor Statistics, Bulletin 2192 and unpublished data.

No. 637. Labor Force Participation Rates by Marital Status, Sex, and Age: 1960 to 1988

[As of **March**. See table 623 for definition of participation rate. Data for males include members of the Armed Forces living offpost or with their families on post. Based on Current Population Survey; see text, section 1 and Appendix III]

Year and marital status	Male participation rate						Female participation rate					
	16–19 years	20–24 years	25–34 years	35–44 years	45–64 years	65 and over	16–19 years	20–24 years	25–34 years	35–44 years	45–64 years	65 and over
Married: [1]												
1960	[2] 96.0	97.5	98.6	98.4	93.0	37.1	[2] 25.3	30.0	27.7	36.2	34.2	5.9
1970	95.5	95.0	98.2	98.1	91.6	30.2	36.0	47.4	39.3	47.2	44.1	7.9
1975	92.3	95.1	97.3	97.0	87.0	23.7	46.0	57.3	48.3	51.9	43.9	7.2
1980	97.3	96.8	97.5	97.0	84.8	20.4	47.7	60.5	59.3	62.5	46.9	7.2
1983	92.7	95.7	97.3	97.2	82.1	19.1	46.6	63.0	62.5	65.4	47.6	7.5
1984	96.5	96.2	97.2	97.2	81.8	17.4	43.4	63.3	64.0	66.4	49.0	7.3
1985	90.9	95.7	97.4	96.7	81.6	17.5	49.2	64.9	65.6	68.1	50.6	6.7
1986	91.8	95.8	97.3	96.3	81.8	17.3	52.9	63.1	66.4	69.0	50.4	7.0
1987	90.4	95.7	97.2	96.2	82.4	17.4	42.8	67.4	67.5	71.7	51.3	6.9
1988	95.3	95.7	97.0	96.7	82.4	17.5	46.8	65.9	68.6	72.7	52.7	7.4
Single:												
1960	[2] 34.4	76.6	85.3	85.3	74.4	24.3	[2] 25.3	73.4	79.9	79.7	75.1	21.6
1970	49.0	69.0	86.2	82.3	66.6	21.0	39.5	71.1	80.7	73.3	67.8	17.6
1975	53.2	76.5	87.4	86.5	68.7	20.5	45.5	69.5	80.4	77.8	68.4	16.2
1980	56.8	79.6	87.3	79.9	65.2	20.0	49.0	72.2	84.2	78.5	62.8	12.0
1983	49.9	77.6	88.4	81.8	69.6	23.9	46.0	72.6	83.6	81.1	65.1	12.6
1984	50.8	78.5	87.4	83.2	65.6	16.7	46.4	72.1	83.5	83.0	67.0	11.8
1985	52.4	77.9	87.5	80.8	67.3	16.0	49.6	74.0	82.5	80.6	73.2	8.0
1986	50.8	80.7	88.3	84.5	61.4	17.8	50.1	75.0	81.1	79.6	69.3	8.0
1987	50.2	80.0	88.0	83.7	64.3	16.3	49.6	74.5	82.9	81.8	58.8	9.1
1988	49.7	80.1	88.4	82.4	65.9	20.7	48.7	74.8	81.8	81.5	65.2	10.9
Other: [3]												
1960	(B)	88.6	82.3	84.1	78.1	18.2	[2] 37.3	54.6	55.5	67.4	58.3	11.0
1970	(B)	73.2	74.5	80.6	75.9	16.5	46.5	59.7	65.1	67.9	60.7	9.9
1975	(B)	84.7	92.4	89.3	69.4	18.0	41.9	68.1	67.5	69.4	60.4	8.1
1980	(B)	92.9	93.8	91.1	69.9	13.0	51.0	68.5	77.1	76.4	59.5	8.6
1983	(B)	89.7	91.9	90.7	73.9	13.1	45.3	68.4	77.1	77.7	59.5	7.5
1984	(B)	91.6	90.7	92.8	71.8	12.6	53.6	71.3	76.5	79.6	61.0	7.7
1985	(B)	96.9	92.9	92.1	72.8	12.7	50.9	66.5	78.9	80.6	60.7	7.9
1986	(B)	93.9	93.1	89.1	71.7	13.0	50.6	71.0	78.4	82.6	61.7	7.4
1987	(B)	90.6	92.9	91.1	73.1	11.1	(B)	67.2	77.1	83.0	61.9	7.6
1988	(B)	93.2	91.8	88.8	71.2	11.6	64.5	67.7	76.3	81.5	62.6	8.2

B For 1960, percentage not shown where base is less than 100,000; beginning 1970, 75,000. [1] Spouse present. [2] 14 to 19 years old. [3] Widowed, divorced, and married (spouse absent).

No. 638. Marital Status of Women in the Civilian Labor Force: 1960 to 1988

[As of **March. Persons 14 years old and over through 1965; 16 years old and over thereafter.** Prior to 1960, excludes Alaska and Hawaii. Figures for 1940 based on complete census revised for comparability with intercensal series. Later data 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		Widowed or divorced	Single	Married [1]	Widowed or divorced	Total	Single	Married		Widowed or divorced
			Total [1]	Husband present							Total [1]	Husband present	
1960	22,516	5,401	13,485	12,253	3,629	24.0	59.9	16.1	34.8	44.1	31.7	30.5	37.1
1965	25,952	5,912	16,154	14,708	3,886	22.8	62.2	15.0	36.7	40.5	35.7	34.7	35.7
1970	31,233	6,965	19,799	18,377	4,469	22.3	63.4	14.3	42.6	53.0	41.4	40.8	36.2
1971	31,778	7,220	20,034	18,573	4,524	22.7	63.0	14.2	42.5	52.8	41.4	40.8	35.7
1972	33,132	7,543	20,845	19,336	4,744	22.8	62.9	14.3	43.7	55.0	42.2	41.5	37.2
1973	34,195	7,838	21,487	19,951	4,870	22.9	62.8	14.2	44.2	55.9	42.8	42.2	36.7
1974	35,708	8,362	22,202	20,541	5,144	23.4	62.2	14.4	45.3	57.4	43.8	43.1	37.8
1975	36,981	8,599	23,037	21,360	5,345	23.2	62.3	14.5	46.0	57.0	45.1	44.4	37.7
1976	38,399	9,282	23,643	21,814	5,474	24.2	61.6	14.3	46.8	59.2	45.8	45.1	37.3
1977	40,053	9,702	24,429	22,681	5,922	24.2	61.0	14.8	48.0	59.2	47.2	46.6	39.0
1978	41,747	10,467	24,976	23,136	6,284	25.1	59.8	15.1	49.2	60.7	48.1	47.5	39.9
1979	43,844	11,304	26,073	24,223	6,467	25.8	59.5	14.8	50.8	62.9	49.9	49.3	40.0
1980	44,934	11,242	26,828	24,900	6,864	25.0	59.7	15.3	51.1	61.5	50.7	50.1	41.0
1981	46,415	11,628	27,536	25,460	7,251	25.0	59.3	15.6	52.0	62.3	51.7	51.0	41.9
1982	47,095	11,801	27,843	25,756	7,451	25.1	59.1	15.8	52.1	62.2	51.8	51.2	42.1
1983	47,779	12,282	28,140	26,227	7,357	25.7	58.9	15.4	52.3	62.6	52.3	51.8	41.2
1984	49,240	12,581	28,883	26,855	7,775	25.6	58.7	15.8	53.2	63.1	53.3	52.8	42.1
1985	50,891	12,925	29,755	27,716	8,211	25.4	58.5	16.1	54.5	65.2	54.7	54.2	42.6
1986	51,732	13,127	30,274	28,197	8,332	25.4	58.5	16.1	54.7	65.3	55.0	54.6	43.1
1987	52,960	13,454	31,282	29,159	8,224	25.4	59.1	15.5	55.4	65.1	56.1	55.8	42.9
1988	53,987	13,617	31,946	29,751	8,424	25.2	59.2	15.6	55.9	65.2	56.8	56.5	43.4

[1] Includes married, spouse absent.

Source of tables 637 and 638: U.S. Bureau of Labor Statistics, Bulletin 2307, and unpublished data.

NO. 639. MARRIED, SEPARATED, AND DIVORCED WOMEN—LABOR FORCE STATUS BY PRESENCE AND AGE OF CHILDREN: 1960 TO 1988

[As of **March**. 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 [1]	Separated	Divorced	Married [1]	Separated	Divorced	Married [1]	Separated	Divorced	Married [1]	Separated	Divorced
IN LABOR FORCE (mil.)												
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	.7	1.1	6.3	.4	.6	3.9	.3	.3
1980	24.9	1.9	4.4	11.2	.9	2.3	8.4	.6	1.6	5.2	.4	.5
1982	25.8	2.1	5.2	11.8	1.0	2.7	8.3	.7	1.8	5.7	.5	.6
1983	26.2	1.9	5.2	12.1	.8	2.8	8.3	.6	1.8	5.9	.5	.6
1984	26.9	2.0	5.5	12.3	.9	3.0	8.3	.7	1.9	6.2	.4	.6
1985	27.7	2.0	5.9	12.8	1.0	3.3	8.5	.7	2.0	6.4	.4	.6
1986	28.2	2.1	6.2	12.9	1.0	3.5	8.8	.6	2.0	6.6	.5	.7
1987	29.2	2.1	6.1	13.2	1.0	3.4	9.0	.7	2.0	7.0	.4	.7
1988	29.8	2.2	6.2	13.5	1.1	3.7	9.3	.7	1.9	7.0	.4	.6
PARTICIPATION RATE [2]												
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	68.9
1982	51.2	60.0	74.9	46.2	57.5	71.6	63.2	68.4	83.6	48.7	55.2	67.2
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
EMPLOYMENT (mil.)												
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	.7	1.0	6.0	.4	.5	3.6	.3	.2
1980	23.6	1.7	4.2	10.7	.8	2.2	8.1	.6	1.5	4.8	.4	.5
1982	23.9	1.8	4.7	11.1	.8	2.5	7.7	.6	1.7	5.1	.4	.5
1983	24.3	1.5	4.7	11.4	.7	2.6	7.7	.5	1.5	5.2	.3	.5
1984	25.3	1.7	5.0	11.7	.8	2.8	7.9	.6	1.7	5.7	.3	.5
1985	26.1	1.8	5.4	12.2	.9	3.1	8.1	.6	1.8	5.9	.3	.5
1986	26.7	1.9	5.7	12.3	.9	3.3	8.3	.5	1.9	6.1	.4	.6
1987	27.8	1.9	5.7	12.7	.9	3.2	8.6	.6	1.9	6.5	.3	.3
1988	28.6	2.0	5.9	13.1	1.0	3.5	8.9	.6	1.8	6.5	.3	.3
UNEMPLOYMENT RATE [3]												
1960	5.4	(NA)	(NA)	4.8	(NA)	(NA)	4.9	(NA)	(NA)	7.8	(NA)	(NA)
1970	4.8	6.6	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
1982	7.1	14.5	8.9	5.7	11.7	7.6	7.0	14.6	9.2	10.1	20.1	13.5
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	7.6	16.5	12.9
1987	4.5	11.8	6.8	3.5	8.1	5.9	4.9	14.8	8.1	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

NA Not available. [1] Husband present. [2] Percent of women in each specific category in the labor force.
[3] Unemployed as a percent of civilian labor force in specified group.

Source: U.S. Bureau of Labor Statistics, *Special Labor Force Reports*, Nos. 13, 130, and 134; Bulletins 2163 and 2307; and unpublished data.

NO. 640. LABOR FORCE PARTICIPATION RATES FOR WIVES, HUSBAND PRESENT, BY AGE OF OWN YOUNGEST CHILD: 1975 TO 1988

[As of **March**. For civilian noninstitutional population, 16 years old and over. Based on Current Population Survey; see text, section 1 and Appendix III]

PRESENCE AND AGE OF CHILD	TOTAL				WHITE				BLACK			
	1975	1980	1985	1988	1975	1980	1985	1988	1975	1980	1985	1988
Wives, total	**44.5**	**50.2**	**54.3**	**56.7**	**43.7**	**49.3**	**53.4**	**55.8**	**54.3**	**59.3**	**64.2**	**66.1**
No children under 18	44.0	46.0	48.2	49.1	43.5	45.5	47.5	48.5	47.7	51.2	56.1	54.4
With children under 18	44.9	54.3	61.0	65.2	43.9	53.2	60.0	64.3	58.8	65.6	71.5	75.8
Under 6, total	36.8	45.3	53.7	57.4	35.0	43.5	52.3	56.3	56.4	63.4	69.3	71.7
Under 3	32.6	41.5	50.7	54.8	30.9	40.0	49.8	53.3	52.2	57.7	65.7	73.0
1 year or under	30.8	39.0	49.4	51.9	29.2	37.7	48.6	50.5	50.0	52.9	63.7	71.5
2 years	37.1	46.1	54.0	61.7	35.1	46.1	52.7	60.2	56.4	71.0	69.9	76.2
3 to 5 years	42.2	51.7	58.6	61.4	40.3	49.4	56.6	60.9	61.7	72.3	73.8	69.8
3 years	41.2	51.5	55.1	59.3	39.0	48.4	52.7	58.1	62.7	73.4	72.3	76.1
4 years	41.2	51.4	59.7	61.4	38.7	49.8	58.4	61.0	64.9	66.4	70.6	70.3
5 years	44.4	52.4	62.1	63.6	43.8	50.4	59.9	64.0	56.3	77.8	79.1	62.5
6 to 13 years	51.8	62.6	68.1	72.3	50.8	61.4	67.7	71.5	64.9	71.8	73.5	81.4
14 to 17 years	53.8	60.5	67.0	72.9	53.6	60.6	66.3	72.5	51.0	58.4	74.1	74.6

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*, February 1986, and unpublished data.

No. 641. Civilian Employment in Occupations with the Largest Job Growth and in the Fastest Growing and Fastest Declining Occupations: 1986 and 2000

[In **thousands, except percent.** For occupations employing 100,000 or more in 1986. Includes wage and salary jobs, self-employed and unpaid family members. Estimates based on the 1983 through 1985 Occupational Employment Statistics Surveys. See source for methodological assumptions. Minus sign (−) indicates decrease]

Occupation	Employment				Percent change, 1986–2000		
	1986	2000 [1]					
		Low	Moderate	High	Low	Moderate	High
Total [2]	**111,623**	**126,432**	**133,030**	**137,533**	**13**	**19**	**23**
LARGEST JOB GROWTH [3]							
Salespersons, retail	3,579	4,563	4,780	4,871	28	34	36
Waiters and waitresses	1,702	2,360	2,454	2,503	39	44	47
Registered nurses	1,406	1,951	2,018	2,077	39	44	48
Janitors and cleaners [4]	2,676	3,144	3,280	3,382	17	23	26
General managers and top executives	2,383	2,820	2,965	3,052	18	24	28
Cashiers	2,165	2,616	2,740	2,798	21	27	29
Truck drivers, light and heavy	2,211	2,599	2,736	2,811	18	24	27
General office clerks	2,361	2,688	2,824	2,916	14	20	23
Food counter, fountain, and related workers	1,500	1,879	1,949	1,985	25	30	32
Nursing aides, orderlies, and attendants	1,224	1,584	1,658	1,691	29	35	38
Secretaries	3,234	3,470	3,658	3,789	7	13	17
Guards	794	1,104	1,177	1,241	39	48	56
Accountants and auditors	945	1,251	1,322	1,371	32	40	45
Computer programmers	479	758	813	850	58	70	78
Food preparation workers	949	1,227	1,273	1,300	29	34	37
Teachers, kindergarten and elementary	1,527	1,778	1,826	1,883	16	20	23
Receptionists and *information clerks*	682	913	964	997	34	41	46
Computer systems analysts, EDP	331	544	582	607	64	76	83
Cooks, restaurant	520	727	759	778	40	46	50
Licensed practical nurses	631	835	869	891	32	38	41
Gardeners and groundskeepers, except farm	767	964	1,005	1,033	26	31	35
Maintenance repairers, general utility	1,039	1,205	1,270	1,314	16	22	26
Stock clerks, sales floor	1,087	1,255	1,312	1,333	15	21	23
First line supervisors and managers	956	1,106	1,161	1,200	16	21	25
Dining room, cafeteria attendants, barroom helpers	433	607	631	644	40	46	49
Electrical and electronics engineers	401	544	592	616	36	48	54
Lawyers	527	676	718	748	28	36	42
Cooks, short order and fast food	591	748	775	788	27	31	33
Carpenters	1,010	1,134	1,192	1,252	12	18	24
Bartenders	396	530	553	566	34	40	43
Financial managers	638	747	792	824	17	24	29
Food service and lodging managers	509	628	663	685	24	30	35
Teachers, secondary schools	1,128	1,246	1,280	1,320	10	13	17
Electrical and electronic technicians, technologists	313	428	459	473	37	46	51
Real estate sales agents	313	422	451	468	35	44	49
Computer operators, exc. peripheral equipment	263	364	387	403	39	47	53
Social workers	365	468	485	500	28	33	37
Medical assistants	132	239	251	258	81	90	96
Marketing, advertising, *pub. relations managers*	323	402	427	444	25	32	38
Legal assistants, tech., exc. clerical	170	258	272	282	51	60	66
FASTEST GROWING							
Medical assistants	132	239	251	258	81	90	96
Home health aides	138	236	249	258	71	80	87
Computer systems analysts, EDP	331	544	582	607	64	76	83
Computer programmers	479	758	813	850	58	70	78
Radiologic technologists and technicians	115	183	190	196	58	65	70
Legal assistants and technicians exc. clerical	170	258	272	282	51	60	66
Dental assistants	155	231	244	250	49	57	61
Guards	794	1,104	1,177	1,241	39	48	56
Electrical and electronics engineers	401	544	592	616	36	48	54
Computer operators, except peripheral equipment	263	364	387	403	39	47	53
Restaurant cooks	520	727	759	778	40	46	50
Dining room, cafeteria attendants, barroom helpers	433	607	631	644	40	46	49
FASTEST DECLINING							
Electrical and electronic assemblers	249	105	116	119	−58	−54	−52
Industrial truck and tractor operators	426	265	283	296	−38	−34	−31
Stenographers	178	123	128	133	−31	−28	−26
Farmers	1,182	810	850	871	−31	−28	−26
Textile draw-out and winding machine operators [5]	219	156	164	175	−28	−25	−20
Farm workers	940	705	750	779	−25	−20	−17
Data entry keyers, except composers	400	315	334	347	−21	−16	−13
Typists and word processors	1,002	820	862	892	−18	−14	−11
Sewing machine operators, garment	633	526	541	567	−17	−14	−10
Welding machine setters, operators, tenders	126	101	112	115	−20	−12	−9
Child care workers, private household	400	334	362	367	−16	−10	−8
TV and cable TV installers and repairers	119	102	108	115	−15	−9	−4

[1] Based on low, moderate, or high trend assumptions. [2] Includes other occupations, not shown separately. [3] Based on absolute employment change 1986 to 2000. [4] Includes maids and housekeepers. [5] Includes tenders.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*, September 1987.

NO. 642. EMPLOYED CIVILIANS, BY OCCUPATION, SEX, AND RACE: 1987

[For civilian noninstitutional population 16 years old and over. Annual average of monthly figures. Based on Current Population Survey; see text, section 1 and Appendix III. Persons of Hispanic origin may be of any race]

OCCUPATION	Total employed (1,000)	PERCENT OF TOTAL		
		Female	Black	Hispanic
Total	**112,440**	**44.8**	**10.1**	**6.9**
Managerial and professional specialty	**27,742**	**44.3**	**6.2**	**3.7**
Executive, administrative, and managerial [1]	13,316	37.9	5.6	3.8
Officials and administrators, public	474	41.8	9.6	3.9
Financial managers	462	43.8	3.9	3.5
Personnel and labor relations managers	127	53.0	4.0	3.4
Purchasing managers	100	27.8	7.6	3.1
Managers, marketing, advertising and public relations	444	27.4	3.0	2.3
Administrators, education and related fields	516	48.5	9.9	3.7
Managers, medicine and health	154	59.9	6.9	3.1
Managers, properties and real estate	397	43.8	4.6	6.5
Management-related occupations	3,577	48.4	7.4	3.7
Accountants and auditors	1,255	45.7	7.4	3.5
Professional specialty [1]	14,426	50.1	6.7	3.5
Architects	135	12.6	2.2	7.2
Engineers [1]	1,731	6.9	3.5	2.6
Electrical and electronic	545	7.2	3.2	2.4
Mechanical	277	4.2	4.5	2.8
Mathematical and computer scientists	685	34.1	6.7	2.5
Computer systems analysts, scientists	447	32.1	6.9	2.2
Natural scientists	388	24.1	2.4	2.7
Health diagnosing occupations [1]	793	16.5	3.0	4.5
Physicians	514	19.5	3.7	5.5
Dentists	160	8.9	2.1	3.3
Health assessment and treating occupations [1]	2,148	86.3	7.7	2.9
Registered nurses	1,588	95.1	7.7	2.6
Therapists	285	76.3	6.5	3.5
Teachers, college and university	661	37.1	4.6	3.1
Teachers, except college and university [1]	3,587	73.6	9.4	3.9
Prekindergarten and kindergarten	389	98.4	13.7	5.1
Elementary school	1,329	85.3	10.0	4.0
Secondary school	1,172	54.3	8.2	3.7
Counselors, educational and vocational	191	59.5	14.0	5.2
Librarians, archivists, and curators	219	81.8	6.8	2.6
Librarians	196	85.6	7.0	1.9
Social scientists and urban planners	316	48.7	5.8	2.7
Psychologists	171	54.6	8.9	2.8
Social, recreation, and religious workers	980	46.6	12.5	5.6
Social workers	507	65.6	18.1	7.0
Lawyers and judges	707	19.7	3.4	2.0
Writers, artists, entertainers, and athletes	1,858	45.9	4.7	3.9
Technical, sales, and administrative support	**35,082**	**64.7**	**8.8**	**5.6**
Technicians and related support	3,346	48.6	8.5	3.9
Health technologists and technicians	1,142	84.3	13.8	3.5
Licensed practical nurses	406	97.0	18.3	2.7
Engineering and related technologists and technicians	896	17.1	4.9	5.4
Electrical and electronic technicians	305	14.3	5.9	4.7
Science technicians	204	31.5	7.5	3.0
Technicians, except health, engineering, and science	1,104	40.2	6.0	3.2
Computer programmers	527	36.6	5.6	2.7
Sales occupations	13,480	48.0	6.0	5.3
Supervisors and proprietors	3,572	31.8	4.3	4.4
Sales representatives, finance and business services [1]	2,330	40.1	3.5	3.4
Insurance sales	544	27.4	5.0	4.4
Real estate sales	778	48.7	2.3	2.9
Securities and financial services sales	319	24.7	1.9	2.3
Sales representatives, commodities, except retail	1,544	17.1	2.5	4.2
Sales workers, retail and personal services	5,973	68.5	8.9	6.8
Cashiers	2,286	83.0	12.8	8.0
Sales-related occupations	60	67.8	2.3	4.0
Administrative support, including clerical	18,256	80.0	11.0	6.2
Supervisors	723	56.9	11.3	5.2
Computer equipment operators	914	66.0	14.1	6.2
Computer operators	911	66.0	14.1	6.1
Secretaries, stenographers, and typists [1]	5,004	98.1	8.4	5.2
Secretaries	4,107	99.1	6.8	4.8
Typists	843	94.6	16.5	7.3
Information clerks	1,371	90.0	8.8	7.6
Receptionists	766	97.5	7.6	7.1
Records processing occupations, except financial	844	80.9	15.8	6.7
File clerks	281	82.5	20.4	7.2
Financial records processing	2,469	90.9	6.0	4.7
Bookkeepers, accounting, and auditing clerks	2,004	92.4	4.7	4.7

See footnotes at end of table.

NO. 642. EMPLOYED CIVILIANS, BY OCCUPATION, SEX, AND RACE: 1987—Continued

[See headnote, page 388]

OCCUPATION	Total employed (1,000)	PERCENT OF TOTAL		
		Female	Black	Hispanic
Technical, sales, and administrative support—Con.				
Administrative support, including clerical—Con.				
Duplicating, mail and other office machine operators	69	64.7	20.3	5.6
Communications equipment operators	225	91.8	19.9	6.1
Telephone operators	218	92.2	19.5	6.2
Mail and message distributing occupations	961	34.7	19.8	7.7
Postal clerks, except mail carriers	315	44.0	27.7	7.2
Material recording, scheduling, and distributing clerks	1,709	39.9	13.3	8.1
Adjusters and investigators	897	73.0	12.0	5.5
Miscellaneous administrative support [1]	3,071	84.9	12.7	6.9
General office clerks	803	82.9	11.3	7.5
Bank tellers	467	90.6	7.9	6.1
Data entry keyers	381	87.2	19.4	6.5
Teachers' aides	390	95.1	15.0	9.9
Service occupations	**15,054**	**60.6**	**17.4**	**9.1**
Private household [1]	934	96.3	22.6	12.8
Child care workers	405	96.9	8.0	6.4
Cleaners and servants	472	96.0	34.4	18.0
Protective service [1]	1,907	14.2	16.6	5.8
Firefighting and fire prevention	221	2.0	7.4	5.3
Police and detectives	717	11.4	15.1	5.2
Guards	809	21.5	21.7	6.9
Service except private household and protective	12,213	65.2	17.1	9.3
Food preparation and service occupations [1]	5,204	62.4	12.7	9.1
Bartenders	326	49.9	2.3	5.7
Waiters and waitresses	1,383	85.1	5.1	5.7
Cooks, except short order	1,627	50.1	18.4	9.6
Short-order cooks	93	34.5	20.6	8.0
Food counter, fountain, and related occupations	359	77.7	13.7	6.7
Kitchen workers, food preparation	130	76.0	20.1	10.4
Waiters' and waitresses' assistants	325	37.8	15.6	17.6
Health service occupations	1,873	89.8	25.5	7.0
Dental assistants	169	98.0	5.8	10.3
Health aides, except nursing	380	84.0	15.8	6.9
Nursing aides, orderlies, and attendants	1,324	90.4	30.8	6.6
Cleaning and building service occupations [1]	2,886	41.7	24.2	12.9
Maids and housemen	602	84.6	30.0	14.6
Janitors and cleaners	2,059	30.8	22.8	12.7
Personal service occupations [1]	2,249	81.3	11.2	7.2
Barbers	90	17.9	6.1	8.3
Hairdressers and cosmetologists	743	89.3	7.5	6.4
Attendants, amusement and recreation facilities	128	43.2	7.1	4.9
Public transportation attendants	76	84.5	9.4	5.1
Welfare service aides	104	90.5	24.6	13.3
Child care workers, except private household	827	96.0	12.5	7.1
Precision production, craft, and repair	**13,568**	**8.5**	**7.3**	**8.0**
Mechanics and repairers	4,445	3.4	7.3	7.0
Mechanics and repairers, except supervisors [1]	4,186	3.0	7.3	7.3
Vehicle and mobile equipment mechanics and repairers	1,779	1.0	7.1	8.7
Automobile mechanics	871	.6	7.4	9.3
Electrical and electronic equipment repairers	685	8.5	7.4	5.6
Telephone installers and repairers	215	11.7	8.0	5.5
Construction trades	5,011	1.9	7.1	7.7
Construction trades, except supervisors	4,382	2.0	7.4	8.2
Carpenters	1,388	1.2	5.0	7.7
Extractive occupations	161	3.3	3.7	9.1
Precision production occupations	3,951	22.8	7.9	9.4
Operators, fabricators, and laborers	**17,486**	**25.8**	**15.2**	**10.8**
Machine operators, assemblers, and inspectors [1]	7,994	41.2	14.9	12.5
Textile, apparel, and furnishings machine operators [1]	1,334	79.0	22.1	17.5
Textile sewing machine operators	755	91.0	18.2	21.6
Pressing machine operators	138	64.3	33.0	20.2
Fabricators, assemblers, and hand working occupations	1,877	32.9	12.2	11.8
Production inspectors, testers, samplers, and weighers	861	51.0	14.5	9.3
Transportation and material moving occupations	4,712	8.4	14.8	7.6
Motor vehicle operators	3,489	10.1	14.8	7.9
Trucks, heavy and light	2,543	4.2	13.3	8.2
Transportation occupations, except motor vehicles	194	1.9	8.1	3.4
Material moving equipment operators	1,029	3.8	16.1	7.7
Industrial truck and tractor operators	428	5.0	24.0	9.3
Handlers, equipment cleaners, helpers, and laborers [1]	4,779	17.1	16.0	11.1
Freight, stock, and material handlers	1,696	16.9	15.9	8.1
Laborers, except construction	1,251	18.3	17.5	11.6
Farming, forestry, and fishing	**3,507**	**15.8**	**6.5**	**13.2**
Farm operators and managers	1,317	14.9	1.4	1.5
Other agricultural and related occupations	2,013	17.1	9.6	21.6
Farm workers	968	21.7	8.8	24.2
Forestry and logging occupations	104	5.9	17.1	2.6
Fishers, hunters, and trappers	73	9.1	1.0	6.3

[1] Includes other occupations, not shown separately.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, January 1988.

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No. 643. Occupation of Employed Civilians by Sex, Race, and Educational Attainment: 1988

[As of **March**. For civilian noninstitutional population 25-64 years of age. Based on Current Population Survey; see text, section 1 and Appendix III]

Sex, race, and years of school completed	Total employed	Managerial/ professional	Tech./ sales/ administrative	Service [1]	Precision production [2]	Operators/ fabricators [3]	Farming, forestry, fishing
NUMBER (1,000)							
Male, total:							
Less than 4 years of high school	7,807	460	617	908	2,257	2,967	596
4 years of high school only	18,402	2,212	3,287	1,776	5,418	4,936	774
1 to 3 years of college	9,342	2,427	2,694	812	1,885	1,296	227
4 years of college or more	14,367	9,588	3,140	410	591	479	159
White:							
Less than 4 years of high school	6,586	419	526	672	2,013	2,432	523
4 years of high school only	16,256	2,075	2,961	1,345	4,995	4,144	739
1 to 3 years of college	8,220	2,229	2,368	631	1,706	1,068	216
4 years of college or more	12,972	8,770	2,829	332	524	360	157
Black:							
Less than 4 years of high school	1,053	30	81	194	202	482	64
4 years of high school only	1,788	96	241	350	367	707	27
1 to 3 years of college	840	141	226	140	122	208	4
4 years of college or more	659	385	130	47	29	65	2
Female, total:							
Less than 4 years of high school	4,812	287	1,048	1,830	227	1,330	88
4 years of high school only	17,437	2,273	9,225	3,275	513	1,982	171
1 to 3 years of college	8,640	2,508	4,663	997	155	269	48
4 years of college or more	9,586	6,502	2,537	333	69	103	41
White:							
Less than 4 years of high school	3,781	234	947	1,255	187	1,075	83
4 years of high school only	15,052	2,054	8,251	2,613	433	1,539	163
1 to 3 years of college	7,420	2,222	3,993	820	131	205	48
4 years of college or more	8,310	5,724	2,163	257	58	68	41
Black:							
Less than 4 years of high school	874	33	91	518	26	205	2
4 years of high school only	2,024	187	822	585	54	369	6
1 to 3 years of college	940	217	509	146	17	49	-
4 years of college or more	805	515	221	50	10	10	-
PERCENT DISTRIBUTION							
Male, total:							
Less than 4 years of high school	100.0	5.9	7.9	11.6	28.9	38.0	7.6
4 years of high school only	100.0	12.0	17.9	9.7	29.4	26.8	4.2
1 to 3 years of college	100.0	26.0	28.8	8.7	20.2	13.9	2.4
4 years of college or more	100.0	66.7	21.9	2.9	4.1	3.3	1.1
White:							
Less than 4 years of high school	100.0	6.4	8.0	10.2	30.6	36.9	7.9
4 years of high school only	100.0	12.8	18.2	8.3	30.7	25.5	4.6
1 to 3 years of college	100.0	27.1	28.8	7.7	20.8	13.0	2.6
4 years of college or more	100.0	67.6	21.8	2.6	4.0	2.8	1.2
Black:							
Less than 4 years of high school	100.0	2.8	7.7	18.4	19.2	45.8	6.1
4 years of high school only	100.0	5.4	13.5	19.6	20.5	39.5	1.5
1 to 3 years of college	100.0	16.8	26.9	16.7	14.5	24.7	.5
4 years of college or more	100.0	58.5	19.8	7.1	4.4	9.9	.3
Female, total:							
Less than 4 years of high school	100.0	6.0	21.8	38.1	4.7	27.7	1.8
4 years of high school only	100.0	13.0	52.9	18.8	2.9	11.4	1.0
1 to 3 years of college	100.0	29.0	54.0	11.5	1.8	3.1	.6
4 years of college or more	100.0	67.8	26.5	3.5	.7	1.1	.4
White:							
Less than 4 years of high school	100.0	6.2	25.0	33.2	5.0	28.4	2.2
4 years of high school only	100.0	13.6	54.8	17.4	2.9	10.2	1.1
1 to 3 years of college	100.0	30.0	53.8	11.1	1.8	2.8	.7
4 years of college or more	100.0	68.9	26.0	3.1	.7	.8	.5
Black:							
Less than 4 years of high school	100.0	3.8	10.4	59.2	3.0	23.4	.2
4 years of high school only	100.0	9.2	40.6	28.9	2.7	18.2	.3
1 to 3 years of college	100.0	23.1	54.3	15.6	1.8	5.2	-
4 years of college or more	100.0	63.9	27.4	6.2	1.2	1.2	-

- Represents zero. [1] Includes private household workers. [2] Includes craft and repair. [3] Includes laborers.

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

NO. 644. OCCUPATION OF EMPLOYED CIVILIANS BY SEX AND EDUCATIONAL ATTAINMENT: 1988

[As of **March**. For civilian noninstitutional population 25-64 years of age. Based on Current Population Survey; see text, section 1 and Appendix III]

YEARS OF SCHOOL COMPLETED	TOTAL [1]		MANAGERIAL/ PROFESSIONAL		TECHNICAL/ SALES/ ADMINISTRATIVE		SERVICE [2]		PRECISION PRODUCTION [3]		OPERATORS/ FABRICATORS [4]	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
NUMBER (1,000)												
Total	**49,918**	**40,476**	**14,688**	**11,570**	**9,738**	**17,472**	**3,907**	**6,435**	**10,151**	**965**	**9,678**	**3,685**
Less than 4 years of high school	7,807	4,812	460	287	617	1,048	908	1,830	2,257	227	2,967	1,330
4 years of high school only	18,402	17,437	2,212	2,273	3,287	9,225	1,776	3,275	5,418	513	4,936	1,982
1 to 3 years of college	9,342	8,640	2,427	2,508	2,694	4,663	812	997	1,885	155	1,296	269
4 years of college or more	14,367	9,586	9,588	6,502	3,140	2,537	410	333	591	69	479	103
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	15.6	11.9	3.1	2.5	6.3	6.0	23.2	28.4	22.2	23.5	30.7	36.1
4 years of high school only	36.9	43.1	15.1	19.6	33.8	52.8	45.5	50.9	53.4	53.2	51.0	53.8
1 to 3 years of college	18.7	21.3	16.5	21.7	27.7	26.7	20.8	15.5	18.6	16.1	13.4	7.3
4 years of college or more	28.8	23.7	65.3	56.2	32.2	14.5	10.5	5.2	5.8	7.2	4.9	2.8

[1] Includes other occupations not shown separately. [2] Includes private household workers. [3] Includes craft and repair. [4] Includes laborers.

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

NO. 645. EMPLOYMENT BY INDUSTRY, 1970 TO 1987, AND BY SELECTED CHARACTERISTICS, 1987

[**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	1975	1980	1985	1986	1987			
						Total	Percent		
							Female	Black	Hispanic [1]
Total employed	**78,678**	**85,846**	**99,303**	**107,150**	**109,597**	**112,440**	**44.8**	**10.1**	**6.9**
Agriculture	3,463	3,408	3,364	3,179	3,163	3,208	20.7	5.1	12.4
Mining	516	752	979	939	880	818	15.0	3.8	6.7
Construction	4,818	5,093	6,215	6,987	7,288	7,456	8.9	7.2	7.2
Manufacturing	20,746	19,457	21,942	20,879	20,962	20,935	32.8	10.3	8.2
Transportation, communication, and other public utilities	5,320	5,692	6,525	7,548	7,650	7,880	26.9	13.3	6.0
Wholesale and retail trade	15,008	17,713	20,191	22,296	22,813	23,392	47.4	8.0	7.1
Wholesale trade	2,672	3,382	3,920	4,341	4,416	4,580	28.0	5.8	7.0
Retail trade	12,336	14,331	16,270	17,955	18,397	18,812	52.2	8.5	7.2
Finance, insurance, real estate	3,945	4,735	5,993	7,005	7,401	7,763	59.3	7.9	5.7
Banking and other finances	1,697	1,951	2,568	3,135	3,263	3,421	64.9	8.1	6.0
Insurance and real estate	2,248	2,783	3,425	3,870	4,137	4,342	54.9	7.7	5.5
Services [2]	20,385	24,174	28,752	33,322	34,337	35,743	61.6	11.6	6.2
Business services [2]	1,403	1,695	2,361	3,999	4,306	4,706	48.8	11.4	8.6
Advertising	147	154	191	263	270	293	53.6	5.3	4.6
Services to dwellings and buildings	(NA)	274	370	571	601	675	45.9	18.7	13.7
Personnel supply services	(NA)	125	235	590	618	640	72.5	20.9	6.3
Business management/consulting	(NA)	194	307	395	446	460	50.0	5.1	2.8
Computer and data processing	(NA)	108	221	549	610	663	50.2	6.6	3.2
Detective/protective services	(NA)	172	213	318	335	371	20.7	23.0	8.2
Automobile services	600	711	952	1,322	1,280	1,271	13.5	8.3	9.7
Personal services [2]	4,276	3,772	3,839	4,352	4,472	4,598	72.3	14.4	9.6
Private households	1,782	1,392	1,257	1,254	1,241	1,216	84.9	21.9	11.8
Hotels and lodging places	979	996	1,149	1,451	1,523	1,597	65.3	13.1	10.6
Entertainment and recreation	717	865	1,047	1,278	1,292	1,353	41.1	8.0	7.1
Professional and related services [2]	12,904	16,573	19,853	21,563	22,174	22,963	67.6	11.7	5.1
Hospitals	2,843	3,441	4,036	4,269	4,368	4,444	77.1	16.4	5.5
Health services, except hospitals	1,628	2,505	3,345	3,641	3,761	4,034	76.4	11.1	5.3
Elementary, secondary schools	6,126	5,077	5,550	5,431	5,510	5,550	72.0	12.0	5.2
Colleges and universities		1,852	2,108	2,261	2,342	2,378	51.7	9.3	4.0
Social services	828	1,247	1,590	1,682	1,805	1,946	78.7	17.2	7.0
Legal services	429	541	776	995	1,034	1,138	56.2	5.0	3.8
Public administration [3]	4,476	4,824	5,342	4,995	5,104	5,246	41.4	14.6	5.7

NA Not available. [1] Hispanic persons may be of any race. [2] Includes industries not shown separately. [3] 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. 646. Employment by Selected Industry, 1970 to 1986, 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]

SIC [1] code	INDUSTRY	EMPLOYMENT				ANNUAL AVERAGE RATE OF CHANGE		
		1970	1980	1986	2000 [2]	1970–1980	1980–1986	1986–2000 [2]
(X)	**Total**	**81,664**	**102,019**	**111,623**	**133,029**	**2.3**	**1.5**	**1.3**
(X)	Nonfarm wage and salary	70,725	90,043	99,044	119,156	2.4	1.6	1.3
(X)	Goods-producing (excluding agriculture)	23,578	25,659	24,681	24,678	.8	−.6	-
10–14	Mining	623	1,027	783	724	5.1	−4.4	−.6
15–17	Construction	3,588	4,348	4,904	5,794	1.9	2.0	1.2
20–39	Manufacturing	19,367	20,286	18,994	18,160	.5	−1.1	−.3
24, 25, 32–39	Durable	11,210	12,188	11,244	10,731	.8	−1.3	−.3
24	Lumber and wood products	646	691	711	693	.7	.5	−.2
25	Furniture and fixtures	440	465	497	563	.6	1.1	.9
32	Stone, clay, and glass products	644	662	586	535	.3	−2.0	−.6
33	Primary metal industries	1,260	1,142	753	574	−1.0	−6.7	−1.9
331	Blast furnaces and basic steel products	627	512	275	202	−2.0	−9.8	−2.2
34	Fabricated metal products	1,560	1,613	1,433	1,313	.3	−2.0	−.6
35	Machinery, except electrical	1,984	2,494	2,059	2,129	2.3	−3.1	.2
3573	Electronic computing equipment	194	354	418	503	6.2	2.8	1.3
36	Electrical and electronic equipment [3]	1,871	2,091	2,124	2,128	1.1	.3	-
3662	Radio and TV communication equipment	362	378	505	542	.4	4.9	.5
3674	Semiconductors and related devices	(NA)	223	268	289	(NA)	3.1	.5
37	Transportation equipment	1,852	1,900	2,016	1,697	.3	1.0	−1.2
371	Motor vehicles	799	788	865	749	−.1	1.6	−1.0
38	Instruments and related products	527	712	707	771	3.1	−.1	.6
39	Miscellaneous manufacturing	426	418	362	329	−.2	−2.4	−.7
20–23, 26–31	Nondurable	8,157	8,098	7,750	7,429	−.1	−.7	−.3
20	Food and kindred products	1,786	1,708	1,617	1,456	−.4	−.9	−.7
21	Tobacco manufactures	83	69	59	46	−1.8	−2.6	−1.8
22	Textile mill products	974	847	706	607	−1.4	−3.0	−1.1
23	Apparel and other textile products	1,364	1,264	1,105	924	−.8	−2.2	−1.3
26	Paper and allied products	705	693	675	655	−.2	−.4	−.2
27	Printing and publishing	1,104	1,252	1,458	1,706	1.3	2.6	1.1
28	Chemicals and allied products	1,049	1,107	1,023	950	.5	−1.3	−.5
29	Petroleum and coal products	192	198	169	127	.3	−2.6	−2.0
30	Rubber and miscellaneous plastics products	580	727	789	861	2.3	1.4	.6
31	Leather and leather products	320	233	152	98	−3.1	−6.9	−3.1
(X)	Service-producing	47,147	64,384	74,363	94,478	3.2	2.4	1.7
40–42, 44–49	Transportation and public utilities	4,517	5,148	5,244	5,719	1.3	.3	.6
40–42, 44–47	Transportation	2,696	2,962	3,041	3,500	.9	.4	1.0
48	Communications	1,130	1,357	1,279	1,222	1.8	−1.0	−.3
49	Public utilities	691	827	924	998	1.8	1.9	.6
50–51	Wholesale trade	3,993	5,275	5,735	7,266	2.8	1.4	1.7
52–59	Retail trade	11,048	15,035	17,845	22,702	3.1	2.9	1.7
58	Eating and drinking places	2,575	4,626	5,879	8,365	6.0	4.1	2.6
60–67	Finance, insurance, and real estate	3,646	5,159	6,297	7,917	3.5	3.4	1.7
70–86, 89	Services [3]	11,390	17,528	22,531	32,545	4.4	4.3	2.7
70	Hotels and other lodging places	(NA)	1,076	1,401	1,971	(NA)	4.5	2.5
72	Personal services	989	901	1,104	1,357	−.9	3.4	1.5
73	Business services [3]	1,676	3,092	4,781	8,121	6.3	7.5	3.9
734	Services to dwellings and other buildings	295	495	681	1,020	5.3	5.5	2.9
736	Personnel supply services	(NA)	563	1,017	1,851	(NA)	10.4	4.4
737	Computer and data processing services	(NA)	304	591	1,203	(NA)	11.7	5.2
7391, 2, 7	Research, management, and consulting services	(NA)	539	788	1,301	(NA)	6.5	3.6
79	Amusement and recreation services	468	764	915	1,204	5.0	3.1	2.0
80	Health services	[3] 3,053	5,278	6,551	9,774	5.6	3.7	2.9
801–4	Offices of health practitioners	(NA)	1,211	1,672	3,061	(NA)	5.5	4.4
805	Nursing and personal care facilities	(NA)	997	1,250	2,097	(NA)	3.8	3.8
806	Hospitals, private	1,863	2,750	3,038	3,513	4.0	1.7	1.0
807–9	Outpatient facilities and health services, n.e.c. [4]	(NA)	320	591	1,103	(NA)	10.7	4.6
81	Legal services	236	498	748	1,267	7.8	7.0	3.8
82	Educational services	940	1,138	1,428	1,820	1.9	3.9	.9
83, 4, 6, 9	Social, membership, and miscellaneous services	(NA)	3,704	4,296	5,569	(NA)	2.5	1.9
(X)	Government	12,553	16,241	16,711	18,329	2.6	.5	.7
(X)	Federal government	2,731	2,866	2,899	3,000	.5	.2	.2
(X)	State and local government	9,822	13,375	13,812	15,329	3.1	.5	.7
01, 2, 7, 8, 9	Agriculture	3,506	3,426	3,252	2,917	−.2	−.8	−.8
88	Private households	1,794	1,256	1,241	1,215	−3.5	−.2	−.1
(X)	Nonfarm self-employed and unpaid family workers	5,639	7,294	8,086	9,741	2.6	1.7	1.3

- Represents or rounds to zero. NA Not available. X Not applicable. [1] Standard Industrial Classification; see text, section 13. [2] Projections based on assumptions of moderate growth; see source for details.
[3] Includes other industries, not shown separately. [4] N.e.c. means not elsewhere classified.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*, September 1987.

No. 647. Unemployed Workers—Summary: 1972 to 1987

[**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 587. See also Historical Statistics, Colonial Times to 1970, series D 87-101*]

ITEM AND CHARACTERISTIC	1972	1975	1980	1982	1983	1984	1985	1986	1987
UNEMPLOYED									
Total [1]	**4,882**	**7,929**	**7,637**	**10,678**	**10,717**	**8,539**	**8,312**	**8,237**	**7,425**
Labor force time lost [2] (percent)	5.9	9.1	7.9	11.0	10.9	8.6	8.1	7.9	7.1
16–19 years old	1,308	1,767	1,669	1,977	1,829	1,499	1,468	1,454	1,347
20–24 years old	1,132	1,865	1,835	2,392	2,330	1,838	1,738	1,651	1,453
25–44 years old	1,454	2,727	2,964	4,589	4,728	3,709	3,681	3,761	3,410
45–64 years old	878	1,413	1,075	1,613	1,716	1,394	1,331	1,279	1,135
65 years and over	111	155	94	107	114	97	93	91	78
Male	2,659	4,442	4,267	6,179	6,260	4,744	4,521	4,530	4,101
16–19 years old	711	966	913	1,090	1,003	812	806	779	732
20–24 years old	628	1,081	1,076	1,407	1,369	1,023	944	899	779
25–44 years old	750	1,493	1,619	2,670	2,769	2,050	1,950	2,054	1,858
45–64 years old	499	801	600	943	1,046	806	766	741	684
65 years and over	73	103	58	69	73	55	56	58	49
Female	2,222	3,486	3,370	4,499	4,457	3,794	3,791	3,707	3,324
16–19 years old	598	802	755	886	825	687	661	675	616
20–24 years old	503	783	760	985	961	815	794	752	674
25–44 years old	706	1,235	1,345	1,919	1,958	1,659	1,732	1,708	1,552
45–64 years old	378	612	473	670	671	589	566	539	453
65 years and over	38	52	36	38	41	45	39	33	30
White	3,906	6,421	5,884	8,241	8,128	6,372	6,191	6,140	5,501
16–19 years old	1,021	1,413	1,291	1,534	1,387	1,116	1,074	1,070	995
20–24 years old	887	1,474	1,364	1,770	1,678	1,282	1,235	1,149	1,017
Black	906	1,369	1,553	2,142	2,272	1,914	1,864	1,840	1,684
16–19 years old	279	330	343	396	392	353	357	347	312
20–24 years old	226	362	426	565	591	504	455	453	397
Hispanic [3]	(NA)	508	620	929	961	800	811	857	751
Full-time workers	3,806	6,523	6,269	9,006	9,075	7,057	6,793	6,708	5,979
Part-time workers	1,077	1,408	1,369	1,672	1,642	1,481	1,519	1,529	1,446
UNEMPLOYMENT RATE (percent) [4]									
Total [1]	**5.6**	**8.5**	**7.1**	**9.7**	**9.6**	**7.5**	**7.2**	**7.0**	**6.2**
16–19 years old	16.2	19.9	17.8	23.2	22.4	18.9	18.6	18.3	16.9
20–24 years old	9.3	13.6	11.5	14.9	14.5	11.5	11.1	10.7	9.7
25–44 years old	4.1	6.9	6.0	8.6	8.5	6.4	6.2	6.1	5.4
45–64 years old	3.1	5.0	3.7	5.6	5.9	4.8	4.5	4.3	3.8
65 years and over	3.6	5.2	3.1	3.5	3.7	3.3	3.2	3.0	2.5
Male	5.0	7.9	6.9	9.9	9.9	7.4	7.0	6.9	6.2
16–19 years old	15.9	20.1	18.3	24.4	23.3	19.6	19.5	19.0	17.8
20–24 years old	9.3	14.3	12.5	16.4	15.9	11.9	11.4	11.0	9.9
25–44 years old	3.3	6.1	5.6	8.7	8.8	6.3	5.9	6.0	5.3
45–64 years old	2.8	4.6	3.5	5.6	6.2	4.8	4.5	4.4	4.0
65 years and over	3.6	5.4	3.1	3.7	3.9	3.0	3.1	3.2	2.6
Female	6.6	9.3	7.4	9.4	9.2	7.6	7.4	7.1	6.2
16–19 years old	16.7	19.7	17.2	21.9	21.3	18.0	17.6	17.6	15.9
20–24 years old	9.4	12.7	10.4	13.2	12.9	10.9	10.7	10.3	9.4
25–44 years old	5.6	8.1	6.4	8.3	8.2	6.6	6.6	6.2	5.5
45–64 years old	3.5	5.6	4.0	5.6	5.6	4.9	4.8	4.2	3.5
65 years and over	3.5	5.0	3.1	3.2	3.4	3.8	3.3	2.8	2.4
White	5.1	7.8	6.3	8.6	8.4	6.5	6.2	6.0	5.3
16–19 years old	14.2	17.9	15.5	20.4	19.3	16.0	15.7	15.6	14.4
20–24 years old	8.4	12.3	9.9	12.8	12.1	9.3	9.2	8.7	8.0
Black	10.4	14.8	14.3	18.9	19.5	15.9	15.1	14.5	13.0
16–19 years old	35.4	39.5	38.5	48.0	48.5	42.7	40.2	39.3	34.7
20–24 years old	16.3	24.5	23.6	30.5	31.4	26.1	24.5	24.1	21.8
Hispanic [3]	(NA)	12.2	10.1	13.8	13.7	10.7	10.5	10.6	8.8
Experienced workers [5]	5.3	8.2	6.9	9.3	9.2	7.1	6.8	6.6	5.8
Women maintaining families [1]	7.2	10.0	9.2	11.7	12.3	10.4	10.5	9.9	9.3
White	5.8	8.5	7.3	9.4	9.2	7.8	8.1	7.8	6.8
Black	(NA)	(NA)	14.0	18.0	20.2	16.7	16.4	15.4	15.4
Married men, wife present [1]	2.8	5.1	4.2	6.5	6.5	4.6	4.3	4.4	3.9
White	2.6	4.8	3.9	6.0	6.0	4.3	4.0	4.0	3.6
Black	4.5	8.7	7.4	11.5	11.3	8.1	8.0	8.0	6.5
Percent without work for—									
Less than 5 weeks	45.9	37.1	43.1	36.4	33.3	39.2	42.1	41.9	43.7
5–10 weeks	22.5	22.2	23.4	21.7	19.4	20.6	22.2	22.6	21.6
11–14 weeks	7.6	9.1	9.0	9.4	8.0	8.1	8.0	8.4	7.9
15–26 weeks	12.3	16.4	13.8	16.0	15.4	12.9	12.3	12.7	12.7
27 weeks and over	11.6	15.2	10.7	16.6	23.9	19.1	15.4	14.4	14.0
Unemployment duration, average (weeks)	12.1	14.2	11.9	15.6	20.0	18.2	15.6	15.0	14.5

NA Not available. [1] *Includes other races, not shown separately.* [2] *Aggregate hours lost by the unemployed and persons* on part-time for economic reasons as a percent of potentially available labor force hours. [3] Hispanic persons may be of any race. [4] Unemployed as percent of civilian labor force in specified group. [5] Wage and salary workers.

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

No. 648. Unemployed Persons by Sex and Reason, 1970 to 1987, and by Duration, 1987

[**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	1979	1980	1981	1982	1983	1984	1985	1986	1987			
											Total	Duration of unemployment (percent)		
												Less than 5 weeks	5 to 14 weeks	15 weeks and over
Male	2,238	4,442	3,120	4,267	4,577	6,179	6,260	4,744	4,521	4,530	4,101	39.4	29.7	30.9
Job losers	1,199	2,909	1,667	2,649	2,821	4,278	4,331	2,976	2,749	2,725	2,432	33.7	29.8	36.5
Job leavers	282	375	427	438	435	390	386	375	409	520	494	45.7	30.4	23.9
Reentrants	533	782	673	776	850	946	953	867	876	805	761	47.4	29.3	23.4
New entrants	224	377	352	405	472	565	589	526	487	480	413	50.5	28.9	20.6
Female	1,855	3,486	3,018	3,370	3,696	4,499	4,457	3,794	3,791	3,707	3,324	49.1	29.4	21.5
Job losers	614	1,478	968	1,297	1,446	1,990	1,926	1,445	1,390	1,308	1,134	39.0	31.2	29.7
Job leavers	267	452	453	454	488	450	444	449	468	494	471	51.7	29.8	18.5
Reentrants	696	1,110	1,133	1,151	1,252	1,438	1,459	1,317	1,380	1,355	1,219	54.5	27.9	17.5
New entrants	279	447	465	468	509	621	627	584	552	549	506	56.3	28.3	15.4

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

No. 649. Unemployment Rates by Educational Attainment, Sex, and Race: 1970 to 1988

[**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	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988
Total [1]	3.3	6.9	5.8	4.5	4.4	5.0	5.8	7.6	9.0	6.6	6.1	6.1	5.7	4.7
High school: 1-3 years	4.6	10.7	9.0	7.4	7.2	8.4	10.1	12.5	15.8	12.1	11.4	11.6	11.1	9.6
4 years	2.9	6.9	5.6	4.5	4.4	5.1	6.2	8.5	10.0	7.2	6.9	6.9	6.3	5.4
College: 1-3 years	2.9	5.5	5.0	3.3	3.5	4.3	4.5	6.4	7.3	5.3	4.7	4.7	4.5	3.7
4 years or more	1.3	2.5	2.8	2.2	2.1	1.9	2.2	3.0	3.5	2.7	2.4	2.3	2.3	1.7
Male: Total [1]	2.9	6.7	5.3	4.2	4.0	4.9	5.8	7.9	9.8	6.9	6.1	6.2	6.0	5.1
High school: 1-3 years	4.0	10.5	8.6	7.1	6.6	8.2	10.2	12.7	16.1	12.3	11.2	11.7	11.2	10.1
4 years	2.4	6.7	5.1	4.2	4.2	5.3	6.6	9.3	11.9	8.1	7.2	7.4	6.7	6.2
College: 1-3 years	2.7	5.1	4.5	3.1	3.2	4.4	4.4	6.8	8.4	5.2	4.5	4.7	5.0	3.9
4 years or more	1.1	2.2	2.4	1.9	1.7	1.7	1.9	2.9	3.4	2.7	2.4	2.3	2.5	1.6
Female: Total [1]	4.0	7.4	6.5	5.0	4.9	5.0	5.7	7.2	7.9	6.1	6.0	5.8	5.2	4.2
High school: 1-3 years	5.7	10.5	9.7	7.9	8.3	8.9	10.0	12.2	15.3	11.7	11.7	11.4	10.9	8.9
4 years	3.6	7.1	6.2	4.9	4.7	5.0	5.8	7.8	8.0	6.3	6.5	6.3	5.8	4.6
College: 1-3 years	3.1	6.3	5.7	3.6	3.8	4.1	4.6	5.3	6.0	5.3	4.8	4.8	4.0	3.4
4 years or more	1.9	3.4	3.6	2.6	2.8	2.2	2.7	3.3	3.7	2.7	2.5	2.4	2.1	1.9
White: Total [1]	3.1	6.5	5.3	4.0	3.9	4.4	5.1	6.8	8.0	5.7	5.3	5.5	5.0	4.0
High school: 1-3 years	4.5	10.1	8.4	6.7	6.5	7.8	9.2	12.2	15.0	10.9	10.6	10.9	10.2	8.3
4 years	2.7	6.5	5.2	4.0	3.9	4.6	5.6	7.6	8.9	6.4	6.1	6.2	5.5	4.6
College: 1-3 years	2.8	5.1	4.6	2.9	3.1	3.9	4.0	5.4	6.5	4.6	3.9	4.2	4.1	3.2
4 years or more	1.3	2.4	2.8	2.0	2.0	1.8	2.1	2.8	3.1	2.4	2.1	2.2	2.2	1.5
Black: Total [1] [2]	4.7	10.9	10.1	8.9	8.8	9.6	11.4	13.9	16.8	13.3	12.0	10.7	10.6	10.0
High school: 1-3 years	5.2	13.5	11.7	10.7	10.6	11.7	14.3	14.4	19.9	17.4	15.3	15.3	14.8	15.7
4 years	5.2	10.7	10.1	9.3	9.3	9.5	11.8	16.4	18.9	14.5	13.0	11.7	11.7	11.2
College: 1-3 years	3.5	9.8	10.5	6.7	6.7	9.0	9.5	12.5	13.3	9.7	10.6	8.7	7.6	7.4
4 years or more	.9	3.9	2.8	4.2	3.9	4.0	4.0	7.1	8.1	6.2	5.4	3.2	4.2	3.3

[1] Includes persons reporting no school years completed. [2] For 1970 and 1975, data refer to Black and other workers.

Source: U.S. Bureau of Labor Statistics, *Labor Force Statistics Derived from the Current Population Survey, 1948-87,* and unpublished data.

No. 650. Unemployment Rates by Industry, 1975 to 1987, and by Sex, 1980 and 1987

[**For civilian noninstitutional population** 16 years old and over. Rate represents unemployment as a percent of labor force in each specified group. Annual averages of monthly figures. Beginning 1983, data not strictly comparable with earlier years due to changes in industrial classification]

Industry	1975	1980	1983	1984	1985	1986	1987	Male		Female	
								1980	1987	1980	1987
All unemployed [1]	8.5	7.1	9.6	7.5	7.2	7.0	6.2	6.9	6.2	7.4	6.2
Industry: [2]											
Agriculture	10.3	11.0	16.0	13.5	13.2	12.5	10.5	9.7	10.3	15.1	11.2
Mining	4.1	6.4	17.0	10.0	9.5	13.5	10.0	6.8	10.7	4.5	5.7
Construction	18.0	14.1	18.4	14.3	13.1	13.1	11.6	14.7	12.0	8.8	7.7
Manufacturing	10.9	8.5	11.2	7.5	7.7	7.1	6.0	7.4	5.4	10.7	7.2
Transportation and public utilities	5.6	4.9	7.4	5.5	5.1	5.1	4.5	5.1	4.5	4.4	4.2
Wholesale and retail trade	8.7	7.4	10.0	8.0	7.6	7.6	6.9	6.6	6.2	8.3	7.7
Finance, insurance, and real estate	4.9	3.4	4.5	3.7	3.5	3.5	3.1	3.2	3.2	3.5	3.1
Services	7.1	5.9	7.9	6.6	6.2	6.1	5.4	6.2	5.8	5.7	5.2
Government	4.1	4.1	5.3	4.5	3.9	3.6	3.5	3.8	3.5	4.3	3.4

[1] Includes the self-employed, unpaid family workers, and persons with no previous work experience, not shown separately.
[2] Covers unemployed wage and salary workers.

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

No. 651. Unemployment and Unemployment Rates by Occupation, 1983 to 1987, and by Sex, 1987

[**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	1987	1983	1985	1987		
						Total	Male	Female
Total [1]	**10,717**	**8,312**	**7,425**	**9.6**	**7.2**	**6.2**	**6.2**	**6.2**
Managerial and professional specialty	795	645	650	3.3	2.4	2.3	2.2	2.4
Executive, administrative, and managerial	396	329	350	3.5	2.6	2.6	2.4	2.9
Professional specialty	399	316	300	3.0	2.3	2.0	2.0	2.1
Technical sales, and administrative support	2,116	1,694	1,595	6.3	4.9	4.3	3.7	4.7
Technicians and related support	152	110	104	4.7	3.3	3.0	3.2	2.8
Sales occupations	850	702	691	6.7	5.3	4.9	3.4	6.4
Administrative support, including clerical	1,114	882	799	6.4	4.9	4.2	4.5	4.1
Service occupations	1,697	1,386	1,259	10.9	8.8	7.7	7.5	7.8
Private household	79	69	55	7.4	6.4	5.6	7.9	5.5
Protective service	120	85	94	6.7	4.7	4.7	4.3	7.0
Service except private household and protective	1,498	1,233	1,110	11.8	9.5	8.3	8.7	8.1
Precision production, craft, and repair	1,466	1,038	875	10.6	7.2	6.1	6.0	6.4
Mechanics and repairs	344	225	191	7.6	4.8	4.1	4.1	3.5
Construction trades	709	531	470	14.2	10.1	8.6	8.5	14.4
Other precision production, craft, and repair	412	281	214	9.6	6.4	5.0	4.7	5.9
Operators, fabricators, and laborers	2,955	2,140	1,820	15.5	11.3	9.4	9.3	9.9
Machine operators, assemblers, inspectors	1,411	980	777	15.4	11.1	8.9	8.0	10.0
Transportation and material moving occupations	596	422	366	12.4	8.5	7.2	7.3	6.1
Handlers, equipment cleaners, helpers, laborers	948	739	677	18.6	14.3	12.4	12.7	11.0
Construction laborers	207	186	189	25.8	21.3	19.8	19.6	(B)
Farming, forestry, and fishing	407	315	268	9.9	8.3	7.1	7.0	7.6

B Base is less than 35,000. [1] 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. 652. Range of Unemployment Measures Based on Varying Definitions of Unemployment and the Labor Force: 1967 to 1987

[**In percent.** Annual averages of monthly figures. Based on Current Population Survey, see text, section 1, and Appendix III]

Measure	1967	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
Persons unemployed 15 weeks or longer as a percent of the civilian labor force	.6	.8	2.7	1.7	2.1	3.2	3.8	2.4	2.0	1.9	1.7
Job losers as a percent of the civilian labor force	1.8	2.2	4.7	3.7	3.9	5.7	5.6	3.9	3.6	3.4	3.0
Unemployed persons 25 years and over as a percent of the civilian labor force	2.6	3.3	6.0	5.1	5.4	7.4	7.5	5.8	5.6	5.4	4.8
Unemployed full-time jobseekers as a percent of the full-time civilian labor force	3.4	4.5	8.1	6.9	7.3	9.6	9.5	7.2	6.8	6.6	5.8
Total unemployed as a percent of the labor force, including the resident Armed Forces [1]	3.7	4.8	8.3	7.0	7.5	9.5	9.5	7.4	7.1	6.9	6.1
Total unemployed as a percent of the civilian labor force [1]	3.8	4.9	8.5	7.1	7.6	9.7	9.6	7.5	7.2	7.0	6.2
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	5.1	6.3	10.5	9.2	9.8	12.6	12.6	10.1	9.6	9.4	8.5
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	6.1	7.1	11.6	10.1	10.8	14.0	13.9	11.2	10.6	10.3	9.3

[1] Current unemployment rate definition.

Source: U.S. Bureau of Labor Statistics, *Labor Force Statistics Derived from the Current Population Survey, 1948-1987.*

No. 653. Total Unemployed and Insured Unemployed—States: 1980 to 1987

[**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 [1]										Insured unemployed			
	Number (1,000)					Percent [2]					Number (1,000)		Percent [3]	
	1980	1984	1985	1986	1987	1980	1984	1985	1986	1987	1986	1987	1986	1987
U.S.	7,637	8,539	8,312	8,237	7,425	7.1	7.5	7.2	7.0	6.2	2,607	2,297	2.8	2.4
N. Eng.: ME	39	34	30	30	26	7.8	6.1	5.4	5.3	4.4	12.3	10.1	2.8	2.2
NH	22	22	21	16	15	4.7	4.3	3.9	2.8	2.5	3.6	2.6	.8	.5
VT	16	14	13	14	11	6.4	5.2	4.8	4.7	3.6	5.3	4.3	2.5	1.9
MA	162	145	121	117	99	5.6	4.8	3.9	3.8	3.2	64.1	53.2	2.3	1.9
RI	34	26	25	21	20	7.2	5.3	4.9	4.0	3.8	13.0	11.5	3.1	2.7
CT	94	77	83	66	58	5.9	4.6	4.9	3.8	3.3	24.6	20.2	1.6	1.3
Mid. Atl.: NY	597	584	544	526	412	7.5	7.2	6.5	6.3	4.9	190.7	170.4	2.5	2.2
NJ	259	236	218	196	160	7.2	6.2	5.7	5.0	4.0	85.9	71.2	2.6	2.1
PA	425	498	442	386	320	7.8	8.1	8.0	6.8	5.7	164.5	132.6	3.7	2.9
E. No. Cent.: OH	426	460	455	426	367	8.4	9.4	8.9	8.1	7.0	118.0	103.8	2.8	2.4
IN	252	226	215	185	175	9.6	8.6	7.9	6.7	6.4	44.5	36.4	2.2	1.7
IL	458	512	513	461	423	8.3	9.1	9.0	8.1	7.4	143.9	121.0	3.2	2.6
MI	534	487	433	385	369	12.4	11.2	9.9	8.8	8.2	108.7	123.0	3.2	3.5
WI	167	175	171	169	152	7.2	7.3	7.2	7.0	6.1	59.0	70.7	3.1	3.7
W. No. Cent.: MN	125	141	133	118	122	5.9	6.3	6.0	5.3	5.4	44.6	38.3	2.5	2.1
IA	82	99	113	100	80	5.8	7.0	8.0	7.0	5.5	29.1	22.0	2.9	2.2
MO	167	171	159	154	164	7.2	7.2	6.4	6.1	6.3	51.4	48.3	2.6	2.4
ND	15	17	20	21	17	5.0	5.1	5.9	6.3	5.2	7.5	5.9	3.4	2.7
SD	16	15	18	16	15	4.9	4.3	5.1	4.7	4.2	3.2	2.8	1.5	1.2
NE	31	35	44	40	40	4.1	4.4	5.5	5.0	4.9	12.8	10.8	2.1	1.8
KS	53	63	62	67	62	4.5	5.2	5.0	5.4	4.9	24.5	21.9	2.6	2.4
So. Atl.: DE	22	19	17	14	10	7.7	6.2	5.3	4.3	3.2	5.7	3.4	2.0	1.2
MD	140	121	103	105	102	6.5	5.4	4.6	4.5	4.2	35.6	30.5	2.1	1.7
DC	24	29	27	25	21	7.3	9.0	8.4	7.7	6.3	6.5	7.9	2.1	1.9
VA	128	143	161	145	126	5.0	5.0	5.6	5.0	4.2	23.2	21.0	1.0	.9
WV	74	115	100	88	81	9.4	15.0	13.0	11.8	10.8	23.6	19.8	4.3	3.6
NC	187	204	167	170	146	6.6	6.7	5.4	5.3	4.5	49.3	41.9	1.9	1.6
SC	96	105	107	100	91	6.9	7.1	6.8	6.2	5.6	27.8	22.1	2.3	1.8
GA	163	166	187	178	167	6.4	6.0	6.5	5.9	5.5	43.5	40.8	1.8	1.6
FL	251	325	319	320	312	5.9	6.3	6.0	5.7	5.3	59.0	51.7	1.4	1.1
E. So. Cent.: KY	133	160	161	156	148	8.0	9.3	9.5	9.3	8.8	37.2	28.7	3.2	2.4
TN	152	190	180	185	154	7.3	8.6	8.0	8.0	6.6	44.3	39.8	2.5	2.2
AL	147	200	160	185	147	8.8	11.1	8.9	9.8	7.8	42.7	36.9	3.2	2.7
MS	79	116	115	136	117	7.5	10.8	10.3	11.7	10.2	31.4	25.5	4.0	3.2
W. So. Cent.: AR	76	93	91	94	88	7.6	8.9	8.7	8.7	8.1	27.5	26.6	3.6	3.4
LA	121	195	229	261	234	6.7	10.0	11.5	13.1	12.0	81.1	60.7	5.4	4.2
OK	66	109	112	131	115	4.8	7.0	7.1	8.2	7.4	35.6	34.5	3.3	3.3
TX	352	469	584	726	697	5.2	5.9	7.0	8.9	8.4	163.7	147.2	2.6	2.3
Mt.: MT	23	30	31	33	30	6.1	7.4	7.7	8.1	7.4	10.1	8.5	4.0	3.4
ID	34	33	37	41	38	7.9	7.2	7.9	8.7	8.0	15.1	13.0	4.8	4.1
WY	9	16	18	22	21	4.0	6.3	7.1	9.0	8.6	7.6	5.7	3.9	3.1
CO	88	97	101	126	130	5.9	5.6	5.9	7.4	7.7	32.9	32.1	2.4	2.4
NM	42	47	57	62	61	7.5	7.5	8.8	9.2	8.9	16.5	13.7	3.5	2.9
AZ	83	71	96	110	101	6.7	5.0	6.5	6.9	6.2	24.7	25.2	2.0	1.9
UT	40	46	43	45	48	6.3	6.5	5.9	6.0	6.4	13.7	12.7	2.5	2.3
NV	27	39	41	32	35	6.2	7.8	8.0	6.0	6.3	12.0	11.6	2.8	2.6
Pac.: WA	157	194	171	179	171	7.9	9.5	8.1	8.2	7.6	64.7	60.1	4.1	3.6
OR	108	125	117	114	86	8.3	9.4	8.8	8.5	6.2	42.1	35.8	4.3	3.6
CA	790	981	931	892	792	6.8	7.8	7.2	6.7	5.8	391.7	338.5	3.6	3.0
AK	18	25	24	28	27	9.7	10.0	9.7	10.8	10.8	16.7	13.3	8.0	6.7
HI	21	27	27	24	20	4.9	5.6	5.6	4.8	3.8	8.6	7.1	2.1	1.7

[1] Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment*, annual; and unpublished data. [2] Total unemployment as percent of civilian labor force. [3] Insured unemployment as percent of average covered employment in the previous year.

Source: Except as noted, U.S. Employment and Training Administration, *Employment and Training Report of the Secretary*, annual.

No. 654. U.S. Employment Service Job Openings and Placements, and Index of Help-Wanted Advertising: 1970 to 1987

[**In thousands, except as indicated. Openings and placements 1970–1983, for years ending Sept. 30; beginning 1985, for years ending June 30**]

Item	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
Job openings: [1] Received	6,130	7,889	8,122	7,548	6,150	6,494	[2] 5,144	7,529	6,968	7,204
Average per month	511	657	677	629	513	541	[2] 572	627	581	600
Nonagricultural placements [1]	4,604	4,374	5,610	3,509	2,804	3,012	[2] 2,297	3,270	3,247	4,503
Index of help-wanted advertising in newspapers [3] (1967=100)	93	80	128	118	86	95	130	138	138	153

NA Not available. [1] As reported by State employment agencies. Beginning 1985, all placements. [2] Data for nine months from October 1, 1983 through June 30, 1984. [3] 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. 655. Nonagricultural Establishments—Employees, Hours, and Earnings, by Industry: 1960 to 1987

[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 1972 Standard Industrial Classification Manual and are adjusted to March 1987 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	Nonagricultural establishments									Grouped industries	
		Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Government	Goods-related [1]	Service-related and all other
EMPLOYEES (1,000)												
1960	54,189	712	2,926	16,796	4,004	3,143	8,248	2,629	7,378	8,353	20,434	33,755
1965	60,765	632	3,232	18,062	4,036	3,466	9,250	2,977	9,036	10,074	21,926	38,839
1970	70,880	623	3,588	19,367	4,515	3,993	11,047	3,645	11,548	12,554	23,578	47,302
1975	76,945	752	3,525	18,323	4,542	4,415	12,645	4,165	13,892	14,686	22,600	54,345
1980	90,406	1,027	4,346	20,285	5,146	5,275	15,035	5,160	17,890	16,241	25,658	64,748
1982	89,566	1,128	3,905	18,781	5,082	5,278	15,179	5,341	19,036	15,837	23,813	65,752
1983	90,200	952	3,948	18,434	4,954	5,268	15,613	5,468	19,694	15,870	23,334	66,866
1984	94,496	966	4,383	19,378	5,159	5,555	16,545	5,689	20,797	16,024	24,727	69,769
1985	97,519	927	4,673	19,260	5,238	5,717	17,356	5,955	22,000	16,394	24,859	72,660
1986	99,525	777	4,816	18,965	5,255	5,753	17,930	6,283	23,053	16,693	24,558	74,967
1987	102,310	721	4,998	19,065	5,385	5,872	18,509	6,549	24,196	17,015	24,784	77,525
PERCENT DISTRIBUTION												
1960	100.0	1.3	5.4	31.0	7.4	5.8	15.2	4.9	13.6	15.4	37.7	62.3
1965	100.0	1.0	5.3	29.7	6.7	5.7	15.2	4.9	14.9	16.6	36.1	63.9
1970	100.0	.9	5.1	27.3	6.4	5.6	15.6	5.1	16.3	17.7	33.3	66.7
1975	100.0	1.0	4.6	23.8	5.9	5.7	16.4	5.4	18.0	19.1	29.4	70.6
1980	100.0	1.1	4.8	22.4	5.7	5.8	16.6	5.7	19.8	18.0	28.4	71.6
1982	100.0	1.3	4.4	21.0	5.7	5.9	16.9	6.0	21.3	17.7	26.6	73.4
1983	100.0	1.1	4.4	20.4	5.5	5.8	17.3	6.1	21.8	17.6	25.9	74.1
1984	100.0	1.0	4.6	20.5	5.5	5.9	17.5	6.0	22.0	17.0	26.2	73.8
1985	100.0	1.0	4.8	19.7	5.4	5.9	17.8	6.1	22.6	16.8	25.5	74.5
1986	100.0	.8	4.8	19.1	5.3	5.8	18.0	6.3	23.2	16.8	24.7	75.3
1987	100.0	.7	4.9	18.6	5.3	5.7	18.1	6.4	23.6	16.6	24.2	75.8
AVERAGE WEEKLY HOURS [2]												
1960	38.6	40.4	36.7	39.7	(NA)	40.5	38.0	37.2	(NA)			
1965	38.8	42.3	37.4	41.2	41.3	40.8	36.6	37.2	35.9			
1970	37.1	42.7	37.3	39.8	40.5	39.9	33.8	36.7	34.4			
1975	36.1	41.9	36.4	39.5	39.7	38.7	32.4	36.5	33.5			
1980	35.3	43.3	37.0	39.7	39.6	38.5	30.2	36.2	32.8			
1982	34.8	42.7	36.7	38.9	39.0	38.3	29.9	36.2	32.6	(NA)	(NA)	(NA)
1983	35.0	42.5	37.1	40.1	39.0	38.5	29.8	36.2	32.7			
1984	35.2	43.3	37.8	40.7	39.4	38.5	29.8	36.5	32.6			
1985	34.9	43.4	37.7	40.5	39.5	38.4	29.4	36.4	32.5			
1986	34.8	42.2	37.4	40.7	39.2	38.3	29.2	36.4	32.5			
1987	34.8	42.4	37.8	41.0	39.2	38.1	29.2	36.3	32.5			
AVERAGE HOURLY EARNINGS												
1960	$2.09	$2.60	$3.07	$2.26	(NA)	$2.24	$1.52	$2.02	(NA)			
1965	2.46	2.92	3.70	2.61	$3.03	2.61	1.82	2.39	$2.05			
1970	3.23	3.85	5.24	3.35	3.85	3.44	2.44	3.07	2.81			
1975	4.53	5.85	7.31	4.83	5.88	4.73	3.36	4.06	4.02			
1980	6.66	9.17	9.94	7.27	8.87	6.96	4.88	5.79	5.85			
1982	7.68	10.77	11.63	8.49	10.32	8.09	5.48	6.78	6.92	(NA)	(NA)	(NA)
1983	8.02	11.28	11.94	8.83	10.79	8.55	5.74	7.29	7.31			
1984	8.32	11.63	12.13	9.19	11.12	8.89	5.85	7.63	7.59			
1985	8.57	11.98	12.32	9.54	11.40	9.16	5.94	7.94	7.90			
1986	8.76	12.46	12.48	9.73	11.70	9.35	6.03	8.36	8.18			
1987	8.98	12.52	12.69	9.91	12.03	9.59	6.11	8.73	8.48			
AVERAGE WEEKLY EARNINGS [2]												
1960	$81	$105	$113	$90	(NA)	$91	$58	$75	(NA)			
1965	95	124	139	108	$125	106	67	89	$74			
1970	120	164	195	133	156	137	82	113	97			
1975	164	249	266	191	233	183	109	148	135			
1980	235	397	368	289	351	268	147	210	191			
1982	267	460	427	330	402	310	164	245	226	(NA)	(NA)	(NA)
1983	281	279	443	354	421	329	171	264	239			
1984	293	504	459	374	438	342	174	279	247			
1985	299	520	464	386	450	352	175	289	257			
1986	305	526	467	398	459	358	176	304	266			
1987	313	531	480	406	472	365	178	317	276			

NA Not available. [1] Mining, construction, and manufacturing. [2] See headnote, table 661.

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

No. 656. Employees in Nonagricultural Establishments—States: 1975 to 1987

[**In thousands.** For coverage, see headnote, table 655. National totals differ from the sum of the State figures because of differing benchmarks among States and differing industrial and geographic stratification. Based on 1972 *Standard Industrial Classification Manual*, see text, section 13]

Division and State	1975	1980	1985	1986	1987							
					Total [1]	Construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade	Finance, insurance, and real estate	Services	Government
U.S.	**76,945**	**90,406**	**97,519**	**99,525**	**102,310**	**4,998**	**19,065**	**5,385**	**24,381**	**6,549**	**24,196**	**17,015**
N. Eng	**4,657**	**5,481**	**6,067**	6,233	6,395	317	1,369	264	1,502	461	1,628	850
ME	357	418	458	477	501	31	104	20	124	25	108	89
NH	293	385	466	490	514	37	118	17	130	32	114	65
VT	162	200	225	234	244	16	49	10	56	12	60	39
MA	2,273	2,652	2,926	2,985	3,046	137	597	129	719	217	847	398
RI	349	398	429	443	451	19	117	16	103	26	113	58
CT	1,223	1,427	1,562	1,604	1,639	77	384	72	369	150	385	202
Mid. Atl	**13,966**	**15,021**	**15,895**	**16,186**	**16,557**	**719**	**2,940**	**888**	**3,683**	**1,310**	**4,350**	**2,628**
NY	6,830	7,207	7,751	7,904	8,053	330	1,222	405	1,699	791	2,201	1,400
NJ	2,700	3,060	3,414	3,491	3,589	168	676	238	861	227	874	542
PA	4,436	4,753	4,730	4,791	4,915	222	1,042	245	1,123	292	1,274	686
E. No. Cent	**15,190**	**16,728**	**16,841**	**17,165**	**17,571**	**656**	**4,135**	**866**	**4,216**	**1,008**	**3,929**	**2,697**
OH	4,016	4,367	4,373	4,471	4,579	177	1,095	207	1,097	243	1,051	688
IN	1,942	2,130	2,169	2,222	2,304	100	616	119	547	115	450	348
IL	4,419	4,850	4,755	4,791	4,896	191	932	295	1,222	358	1,155	719
MI	3,137	3,443	3,562	3,657	3,713	121	986	150	855	179	818	614
WI	1,677	1,938	1,983	2,024	2,080	67	526	94	495	112	455	327
W. No. Cent	**5,985**	**6,905**	**7,153**	**7,248**	**7,418**	**306**	**1,316**	**429**	**1,863**	**450**	**1,696**	**1,324**
MN	1,474	1,770	1,865	1,893	1,960	82	375	100	488	120	474	314
IA	999	1,110	1,074	1,074	1,107	35	213	53	281	65	246	211
MO	1,741	1,970	2,095	2,143	2,185	100	420	143	538	135	503	342
ND	204	245	252	250	252	11	16	16	67	13	61	65
SD	209	238	249	252	255	10	29	12	67	14	61	59
NE	558	628	651	653	659	24	88	43	170	48	150	136
KS	801	945	968	985	1,000	45	176	61	251	56	201	198
So. Atl	**12,104**	**14,695**	**16,789**	**17,404**	**18,133**	**1,129**	**3,136**	**940**	**4,363**	**1,062**	**4,158**	**3,268**
DE	230	259	293	303	320	20	70	14	71	27	73	46
MD	1,478	1,712	1,888	1,952	2,018	150	207	93	517	124	535	389
DC [2]	577	616	629	640	655	16	16	25	63	37	230	269
VA	1,779	2,157	2,455	2,558	2,678	182	429	142	610	144	626	528
WV	575	646	597	598	598	23	86	36	139	24	125	126
NC	1,980	2,380	2,651	2,744	2,856	159	855	141	642	127	486	441
SC	983	1,189	1,296	1,338	1,393	87	373	59	310	65	242	256
GA	1,756	2,159	2,570	2,672	2,763	152	569	175	692	155	536	476
FL	2,746	3,576	4,410	4,599	4,853	341	530	256	1,318	360	1,305	734
E. So. Cent	**4,411**	**5,143**	**5,384**	**5,515**	**5,687**	**263**	**1,351**	**285**	**1,306**	**272**	**1,094**	**1,053**
KY	1,058	1,210	1,250	1,274	1,313	59	260	68	315	61	274	239
TN	1,506	1,747	1,868	1,930	2,009	97	495	103	474	102	407	324
AL	1,155	1,356	1,427	1,463	1,502	74	368	72	332	71	275	300
MS	692	829	839	848	864	34	228	42	186	39	138	192
W. So. Cent	**7,236**	**9,310**	**10,217**	**10,021**	**9,919**	**494**	**1,466**	**601**	**2,463**	**624**	**2,135**	**1,850**
AR	624	742	797	814	835	34	220	51	189	38	153	146
LA	1,250	1,579	1,591	1,519	1,483	80	164	104	363	85	320	313
OK	900	1,138	1,165	1,124	1,105	34	154	63	269	59	232	248
TX	4,463	5,851	6,663	6,564	6,498	346	928	384	1,642	443	1,430	1,143
Mt	**3,423**	**4,502**	**5,111**	**5,176**	**5,239**	**291**	**608**	**300**	**1,269**	**317**	**1,332**	**1,032**
MT	238	280	279	275	274	9	21	20	73	13	64	69
ID	273	330	336	328	334	14	54	18	85	19	68	73
WY	146	210	207	196	180	10	8	13	40	8	32	51
CO	964	1,251	1,419	1,408	1,400	69	184	84	350	99	332	262
NM	370	485	521	528	530	32	38	29	128	27	123	138
AZ	729	1,014	1,279	1,338	1,384	102	187	72	340	94	344	233
UT	440	551	624	634	639	27	92	38	153	34	147	141
NV	263	400	446	468	499	30	23	28	101	23	222	64
Pac	**10,415**	**13,076**	**14,376**	**14,746**	**15,260**	**735**	**2,662**	**794**	**3,649**	**1,027**	**3,728**	**2,611**
WA	1,226	1,608	1,710	1,770	1,839	87	317	98	453	107	418	356
OR	837	1,045	1,030	1,059	1,094	35	205	58	276	72	242	205
CA	7,847	9,849	10,979	11,258	11,658	582	2,105	583	2,755	804	2,900	1,889
AK	162	169	231	221	210	11	14	18	41	11	42	66
HI	343	405	426	439	459	21	22	37	123	34	126	96

[1] Includes mining, not shown separately.
[2] Represents Washington, DC metropolitan area.

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly. Compiled from data supplied by cooperating State agencies.

No. 657. Nonagricultural Industries—Number of Employees, and Number and Earnings of Production Workers: 1980 to 1987

[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 655. See *Historical Statistics, Colonial Times to 1970*, series D 127–151, D 802–810, and D 877–892, for related data]

SIC [1] code	INDUSTRY	ALL EMPLOYEES, TOTAL (1,000)			PRODUCTION WORKERS					
					Total (1,000)			Average hourly earnings (dollars)		
		1980	1985	1987	1980	1985	1987	1980	1985	1987
(x)	**Total**	90,406	97,519	102,310	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
(x)	**Private sector** [2]	74,166	81,125	85,295	60,331	65,586	69,039	6.66	8.57	8.98
(B)	**Mining**	1,027	927	721	762	658	515	9.17	11.98	12.52
10	Metal mining	98	46	43	74	34	33	10.26	13.38	12.91
11, 12	Coal mining	246	187	163	204	153	133	[3] 10.86	[3] 15.24	[3] 15.76
13	Oil and gas extraction	560	583	405	389	387	264	8.59	11.06	11.50
14	Nonmetallic minerals, except fuels	123	110	110	96	84	84	7.52	10.18	10.61
(C)	**Construction**	4,346	4,673	4,998	3,421	3,659	3,902	9.94	12.32	12.69
15	General building contractors	1,173	1,253	1,326	900	935	968	9.22	11.23	11.71
16	Heavy construction contractors	927	793	768	746	652	643	9.20	12.08	12.07
17	Special trade contractors	2,246	2,628	2,904	1,776	2,072	2,291	10.65	12.90	13.31
(D)	**Manufacturing**	20,285	19,260	19,065	14,214	13,092	12,995	7.27	9.54	9.91
(x)	**Durable goods**	12,187	11,490	11,218	8,442	7,644	7,453	7.75	10.10	10.43
24	Lumber and wood products, except furniture [4]	691	697	740	578	584	619	6.55	8.22	8.40
241	Logging camps and logging contractors	88	84	85	71	67	71	8.64	10.92	10.69
242	Sawmills and planing mills	215	195	201	190	172	177	6.70	8.52	8.57
243	Millwork, plywood, and structural members	200	228	260	164	190	215	6.41	8.06	8.33
244	Wood containers	43	41	42	37	35	36	4.95	5.81	6.16
2451	Mobile homes	46	51	47	36	41	38	6.08	7.34	7.96
25	Furniture and fixtures [4]	466	494	518	376	394	415	5.49	7.17	7.67
251	Household furniture	301	295	308	253	247	260	5.12	6.56	7.07
252	Office furniture	50	66	67	40	50	51	5.91	8.06	8.68
254	Partitions and fixtures	63	69	75	47	51	54	6.68	8.69	9.14
32	Stone, clay, and glass products [4]	662	588	582	513	451	450	7.50	9.84	10.25
321	Flat glass	18	16	15	14	12	12	9.65	13.79	14.48
322	Glass and glassware, pressed [5]	124	91	87	105	77	75	7.97	10.78	11.39
324	Cement, hydraulic	31	23	21	25	18	16	10.55	13.27	13.45
325	Structural clay products	46	38	38	34	29	30	6.14	8.01	8.50
326	Pottery and related products	46	37	37	36	29	29	6.26	8.67	8.90
327	Concrete, gypsum, and plaster products	204	206	211	157	160	164	7.45	9.60	10.01
33	Primary metal industries [4]	1,142	808	749	878	612	564	9.77	11.67	11.94
331	Blast furnaces and basic steel products	512	303	269	396	232	204	11.39	13.33	13.78
332	Iron and steel foundries	209	141	130	167	112	103	8.20	10.51	10.76
333	Primary nonferrous metals	71	45	40	53	33	28	10.63	13.74	12.98
335	Nonferrous rolling and drawing	211	168	162	151	133	130	8.81	11.05	11.41
336	Nonferrous foundries	90	87	86	72	70	69	7.30	9.32	9.53
34	Fabricated metal products [4]	1,613	1,465	1,407	1,195	1,084	1,044	7.45	9.70	10.00
341	Metal cans and shipping containers	75	58	56	63	50	48	9.84	13.10	13.24
342	Cutlery, hand tools, and hardware	164	142	133	125	105	98	7.02	9.71	9.90
343	Plumbing and heating, exc. electric	70	63	61	50	45	43	6.62	8.67	9.21
344	Fabricated structural metal products	513	443	427	355	309	303	7.26	9.00	9.29
345	Screw machine products, bolts, etc	109	96	92	84	74	71	6.96	9.11	9.76
346	Metal forgings and stampings	264	249	234	207	200	186	8.56	11.62	11.80
35	Machinery, except electrical [4]	2,494	2,174	2,023	1,602	1,307	1,199	8.00	10.29	10.70
351	Engines and turbines	135	105	89	87	66	57	9.73	13.02	13.39
352	Farm and garden machinery	169	98	94	116	66	69	8.78	9.93	9.90
353	Construction and related machinery	389	253	213	255	156	127	8.60	10.91	11.00
354	Metalworking machinery	373	310	288	273	222	206	8.18	10.59	11.11
355	Special industry machinery	207	168	162	133	100	96	7.51	10.18	10.68
356	General industrial machinery	324	268	247	212	171	158	7.98	10.06	10.37
357	Office and computing machines	432	514	485	186	189	162	6.74	9.32	10.27
358	Refrigeration and service industry	174	172	176	120	120	126	7.23	10.09	10.41
36	Electric and electronic equipment [4]	2,091	2,197	2,084	1,328	1,300	1,222	6.94	9.46	9.88
361	Electric distributing equipment	123	113	108	86	81	78	6.96	8.83	9.23
362	Electrical industrial apparatus	240	196	182	169	138	125	7.12	9.52	9.81
363	Household appliances	163	136	136	129	106	108	6.95	9.23	9.83
364	Electric lighting and wiring equipment	209	198	192	156	144	139	6.42	8.67	9.14
365	Radio and TV receiving equipment	109	84	82	79	57	56	6.42	9.33	9.22
366	Communication equipment	541	653	608	267	291	255	7.93	11.25	11.73
367	Electronic components and access	554	663	627	334	375	357	6.05	8.30	8.90
37	Transportation equipment [4]	1,900	1,980	2,048	1,233	1,257	1,291	9.35	12.71	12.95
371	Motor vehicles and equipment	789	884	865	575	685	672	9.85	13.39	13.55
372	Aircraft and parts	652	636	701	355	304	350	9.28	12.62	13.16
373	Ship and boat building and repairs	221	187	187	176	140	141	8.22	10.51	10.35
374	Railroad equipment	71	33	27	53	23	19	9.93	12.53	12.07

See footnotes at end of table.

No. 657. Nonagricultural Industries—Number of Employees, and Number and Earnings of Production Workers: 1980 to 1987—Continued

[See headnote, p. 399]

SIC[1] code	Industry	All employees, total (1,000)			Production workers					
					Total (1,000)			Average hourly earnings (dollars)		
		1980	1985	1987	1980	1985	1987	1980	1985	1987
38	Instruments and related products	711	720	696	426	391	379	6.80	9.17	9.71
381	Engineering and scientific instruments	77	84	83	37	37	38	7.12	9.82	10.64
382	Measuring and controlling devices	245	254	238	154	141	133	6.85	8.94	9.57
383	Optical instruments and lenses	33	34	34	18	17	16	7.32	10.17	10.52
384	Medical instruments and supplies	156	174	187	101	104	112	5.80	8.15	8.65
385	Ophthalmic goods	44	40	37	31	26	25	5.30	6.94	7.39
386	Photographic equipment and supplies	135	123	107	67	57	46	8.83	12.05	13.16
387	Watches, clocks, and watchcases	22	12	11	17	9	8	5.24	6.87	7.15
39	Misc. manufacturing industries[4]	418	367	370	313	264	270	5.46	7.30	7.75
391	Jewelry, silverware, plated ware	56	55	54	40	37	37	5.76	7.78	8.34
394	Toys and sporting goods	117	95	97	88	70	73	5.01	6.65	7.13
395	Pens, pencils, office and art supplies	37	33	33	27	22	23	5.58	7.70	7.69
396	Costume jewelry and notions	51	41	41	41	31	32	4.71	5.91	6.30
(x)	**Nondurable goods**	**8,098**	**7,770**	**7,847**	**5,772**	**5,449**	**5,543**	**6.55**	**8.71**	**9.18**
20	Food and kindred products[4]	1,708	1,603	1,624	1,175	1,118	1,149	6.85	8.57	8.94
201	Meat products	358	362	385	298	305	325	6.99	7.23	7.46
202	Dairy products	175	163	163	96	96	99	6.86	9.17	9.63
203	Preserved fruits and vegetables	256	236	242	210	194	199	5.94	7.81	8.27
204	Grain mill products	144	125	126	99	85	87	7.67	10.38	10.83
205	Bakery products	225	210	209	131	126	127	7.21	9.69	10.04
206	Sugar and confectionery products	106	96	94	79	75	74	6.57	8.63	9.16
207	Fats and oils	44	35	34	32	26	25	7.03	8.80	9.27
208	Beverages	234	214	203	105	92	87	8.12	11.38	11.96
21	Tobacco manufactures	69	64	54	54	48	41	7.74	11.96	14.03
211	Cigarettes	46	44	40	35	32	30	9.23	14.71	16.78
22	Textile mill products[4]	848	702	725	737	607	629	5.07	6.70	7.17
221	Weaving mills, cotton	150	106	101	135	95	91	5.25	7.01	7.53
222	Weaving mills, synthetic	116	90	87	104	80	78	5.30	7.15	7.71
223	Weaving and finishing mills, wool	19	17	18	16	15	15	5.21	7.07	7.66
224	Narrow fabric mills	23	22	23	20	19	20	4.63	6.39	6.72
225	Knitting mills	220	198	213	191	172	187	4.76	6.15	6.55
226	Textile finishing, except wool	74	59	60	62	49	51	5.39	7.12	7.47
227	Floor covering mills	54	54	58	44	44	47	5.20	6.92	7.51
228	Yarn and thread mills	125	101	111	113	90	100	4.76	6.26	6.60
23	Apparel and other textile products[4]	1,264	1,121	1,100	1,079	945	924	4.56	5.73	5.93
231	Men's and boys' suits and coats	77	63	58	67	55	50	5.34	6.65	6.70
232	Men's and boys' furnishings	362	312	307	310	270	265	4.23	5.27	5.46
233	Women's and misses outerwear	417	362	353	360	302	294	4.61	5.56	5.70
234	Undergarments[6]	90	77	73	76	65	60	4.15	5.29	5.50
236	Children's outerwear	64	61	59	55	51	50	4.20	5.07	5.28
238	Misc. apparel, accessories	56	44	42	48	36	35	4.48	5.50	5.71
26	Paper and allied products	693	678	679	523	512	516	7.84	10.83	11.43
261, 2, 6	Paper and pulp mills	203	197	191	152	149	145	9.15	13.14	14.00
263	Paperboard mills	65	55	54	51	42	41	9.28	13.60	14.30
264	Misc. converted paper products	220	229	232	163	168	172	6.89	9.33	9.90
265	Paperboard containers and boxes	205	197	202	157	152	158	6.94	9.24	9.76
27	Printing and publishing[4]	1,252	1,428	1,507	699	789	842	7.53	9.71	10.28
271	Newspapers	420	451	471	164	169	173	7.72	9.77	10.22
272	Periodicals	90	113	121	16	29	45	7.16	10.20	10.72
273	Books	101	107	111	52	54	59	6.76	8.70	9.35
275	Commercial printing	414	493	528	307	359	382	7.85	10.05	10.56
278	Blankbooks and bookbinding	62	70	73	51	57	58	5.78	7.63	8.17
28	Chemicals and allied products[4]	1,107	1,044	1,026	626	578	576	8.30	11.56	12.37
281	Industrial inorganic chemicals	161	142	131	87	72	67	9.07	12.80	13.56
282	Plastics materials and synthetics	205	172	166	137	114	110	8.21	11.71	12.59
283	Drugs	196	206	215	97	95	99	7.89	10.75	11.62
284	Soap, cleaners, and toilet goods	141	148	154	86	94	98	7.67	10.28	10.90
285	Paints and allied products	65	64	62	33	31	31	7.39	10.08	10.84
287	Agricultural chemicals	72	59	52	45	37	32	8.12	11.03	11.91
29	Petroleum and coal products[4]	198	179	165	125	109	108	10.10	14.06	14.59
291	Petroleum refining	155	141	127	93	82	81	10.94	15.25	15.75
295	Paving and roofing materials	31	26	26	24	20	20	7.69	10.56	11.42
30	Rubber and misc. plastics products	727	786	823	559	607	639	6.52	8.54	8.91
301	Tires and inner tubes	115	94	86	81	65	62	9.74	13.21	14.07
31	Leather and leather products[4]	233	165	144	197	137	120	4.58	5.83	6.08
311	Leather tanning and finishing	19	15	14	16	12	12	6.10	7.62	8.14
314	Footwear except rubber	144	99	85	123	84	73	4.42	5.53	5.76
317	Handbags, personal leather goods	30	21	17	25	17	13	4.33	5.61	5.83

See footnotes at end of table.

No. 657. Nonagricultural Industries—Number of Employees, and Number and Earnings of Production Workers, 1980 to 1987—Continued

[See headnote, p. 399]

SIC [1] code	INDUSTRY	ALL EMPLOYEES, TOTAL (1,000)			PRODUCTION WORKERS					
					Total (1,000)			Average hourly earnings (dollars)		
		1980	1985	1987	1980	1985	1987	1980	1985	1987
(E)	**Transp. and public utilities** [4]	5,146	5,238	5,385	4,293	4,339	4,464	8.87	11.40	12.03
40	Railroad transportation	532	359	309	(7)	(7)	(7)	(7)	(7)	(7)
4011	Class I railroads [8]	462	323	271	(7)	(7)	(7)	[9] 9.92	[9] 13.64	[9] 14.29
41	Local and interurban passenger transit	265	278	295	244	257	272	6.34	7.68	8.28
42	Trucking and warehousing	1,280	1,363	1,464	1,121	1,187	1,274	9.13	10.52	10.80
45	Air transportation	453	552	604	(7)	(7)	(7)	(7)	(7)	(7)
46	Pipelines, except natural gas	21	19	18	15	13	13	10.50	15.26	15.36
47	Transportation services	198	276	299	(7)	(7)	(7)	(7)	(7)	(7)
48	Communication [4]	1,357	1,320	1,293	1,014	1,006	980	8.50	11.75	12.44
481	Telephone communication	1,072	921	905	779	687	669	8.72	12.45	13.19
483	Radio and television broadcasting	200	238	236	160	194	194	7.44	10.26	10.81
49	Electric, gas, and sanitary services [4]	827	915	925	677	729	734	8.90	12.83	13.79
491	Electric services	391	448	446	316	349	341	9.12	12.94	13.85
492	Gas production and distribution	168	175	166	138	137	131	8.27	11.76	13.02
493	Combination utility services	197	203	205	162	166	169	9.64	14.93	16.17
495	Sanitary services	49	64	82	43	56	71	7.04	9.47	10.19
(F)	***Wholesale trade***	*5,275*	*5,717*	*5,872*	*4,312*	*4,599*	*4,704*	*8.96*	*9.16*	*9.59*
(G)	**Retail trade** [4]	15,035	17,356	18,509	13,500	15,457	16,454	4.88	5.94	6.11
53	General merchandise stores	2,245	2,324	2,432	2,090	2,174	2,280	4.77	5.92	6.48
54	Food stores	2,384	2,775	2,957	2,202	2,567	2,724	6.24	7.35	6.95
56	Apparel and accessory stores	957	1,041	1,108	820	875	939	4.30	5.25	5.56
57	Furniture and home furnishings stores	606	795	800	502	608	663	5.53	7.13	7.49
58	Eating and drinking places	4,626	5,709	6,127	4,256	5,194	5,578	3.69	4.33	4.42
(H)	**Finance, insurance, real estate**	5,160	5,955	6,549	3,907	4,415	4,807	5.79	7.94	8.73
60	Banking	1,571	1,706	1,734	1,210	1,251	1,250	4.94	6.84	7.51
61	Credit agencies other than banks	570	750	891	431	570	667	5.12	7.21	7.93
62	Security, commodities brokers, services	227	355	446	(7)	(7)	(7)	(7)	(7)	(7)
63	Insurance carriers	1,224	1,292	1,418	854	883	959	6.29	8.61	9.56
64	Insurance agents, brokers, services	452	542	604	(7)	(7)	(7)	(7)	(7)	(7)
65	Real estate	981	1,132	1,242	(7)	(7)	(7)	(7)	(7)	(7)
66, 67	Other finance, insurance, real estate	135	180	215	(7)	(7)	(7)	(7)	(7)	(7)
(I)	**Services** [4]	17,890	22,000	24,196	15,921	19,368	21,198	5.85	7.90	8.48
70	Hotels and other lodging places	1,076	1,336	1,481	(7)	(7)	(7)	(7)	(7)	(7)
701	Hotels, motels, and tourist courts	1,038	1,290	1,434	954	1,158	1,279	4.45	5.83	6.16
72	Personal services [4]	901	1,056	1,147	(7)	(7)	(7)	(7)	(7)	(7)
721	Laundry, cleaning, garment services	356	379	404	318	336	360	4.47	5.79	6.16
723	Beauty shops	284	334	353	264	302	318	4.26	6.09	6.38
73	Business services [4]	3,082	4,457	5,172	2,698	3,863	4,429	6.02	8.19	8.73
731	*Advertising*	*153*	*196*	*212*	116	145	158	8.07	10.74	11.88
736	Personnel supply services [4]	563	916	1,196	(7)	(7)	(7)	(7)	(7)	(7)
7361	Employment agencies	(7)	160	181	(7)	(7)	(7)	(7)	(7)	(7)
7362	Temporary help supply services	(7)	708	939	(7)	(7)	(7)	(7)	(7)	(7)
737	Computer, data process, services [4]	304	542	647	254	447	508	7.16	10.98	12.20
7372	Computer programming and software	(7)	195	243	(7)	(7)	(7)	(7)	(7)	(7)
7374	Data processing services	(7)	258	296	(7)	(7)	(7)	(7)	(7)	(7)
75	Auto repair, services, garages	571	731	796	488	614	664	6.10	7.40	7.80
753	Automobile repair shops	350	446	473	297	372	391	6.52	7.99	8.42
78	Motion pictures	217	225	234	191	190	197	7.88	12.12	11.92
783	Motion picture theaters	124	108	106	(7)	(7)	(7)	(7)	(7)	(7)
79	Amusement, recreation services	764	840	894	692	740	787	5.52	6.94	6.96
80	Health services [4]	5,278	6,299	6,828	4,712	5,607	6,072	5.68	8.06	8.70
805	Nursing, personal care facilities	997	1,199	1,288	898	1,085	1,164	4.17	5.61	6.00
806	Hospitals	2,750	2,997	3,154	2,522	2,732	2,877	6.06	9.00	9.64
808	Outpatient care facilities	[10] 160	216	264	(7)	(7)	(7)	(7)	(7)	(7)
81	Legal services	498	694	797	427	589	669	7.35	10.52	11.99
82	Educational services	1,138	1,362	1,436	(7)	(7)	(7)	(7)	(7)	(7)
83	Social services	1,134	1,354	1,493	(7)	(7)	(7)	(7)	(7)	(7)
86	Membership organizations	1,539	1,520	1,580	(7)	(7)	(7)	(7)	(7)	(7)
(J)	**Government**	16,241	16,394	17,015	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
(X)	Federal government	2,866	2,875	2,943	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
(X)	State government	3,610	3,892	3,963	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
(X)	Local government	9,765	9,687	10,109	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. X Not applicable. [1] Standard Industrial Classification, see text, section 13. [2] Excludes government. [3] 11-month average. [4] Includes industries not shown separately. [5] Includes blown. [6] Women's and children's. [7] Included in totals; not available separately. [8] For changes in "Class I" classification, see text, section 21. [9] Includes all employees except executives, officials, and staff assistants who received pay during the month. [10] 1982 data.

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

No. 658. Indexes of Output per Hour for All Employees—Selected Industries: 1975 to 1986

[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 W 62–65]

SIC [1] code	Industry	Indexes (1977=100)								Average annual percent change [2]	
		1975	1980	1981	1982	1983	1984	1985	1986, prel.	1975–1986	1981–1986
(B)	**Mining:**										
1011	Iron (usable ore)	117.8	123.2	130.6	98.2	138.6	171.7	187.9	176.1	4.6	11.0
1021	Copper (recoverable metal)	77.2	91.6	97.7	116.2	130.9	153.9	193.1	236.5	8.5	19.1
111, 121	Coal	105.3	112.5	122.2	119.2	136.1	151.3	154.0	166.7	4.8	7.2
14	Nonmetallic minerals [3]	90.6	96.5	94.7	89.3	98.2	105.5	107.6	108.7	.9	3.8
(D)	**Manufacturing:**										
2011, 2013	Red meat products	84.4	107.0	107.9	112.3	115.9	117.0	119.5	122.1	3.0	2.4
2026	Fluid milk	95.5	123.9	128.0	155.3	142.4	147.7	152.3	(NA)	[4] 5.2	[4] 4.4
203	Preserved fruits, vegetables	93.7	100.8	99.2	107.9	110.4	113.1	112.6	(NA)	[4] 1.6	[4] 3.1
204	Grain mill products	87.1	105.3	110.9	121.0	125.5	132.8	144.9	(NA)	[4] 4.8	[4] 6.5
205	Bakery products	93.4	93.7	96.2	103.3	106.9	106.8	108.5	(NA)	[4] 1.5	[4] 2.8
2086	Bottled, canned soft drinks	87.2	109.8	114.3	118.3	127.0	138.3	145.3	149.0	4.8	6.0
2111, 21, 31	Tobacco products	93.9	102.1	100.5	100.7	105.1	110.3	113.4	114.7	1.5	3.1
2211, 21	Cotton, synthetic broad woven fabric	86.7	104.9	107.4	112.5	121.6	119.9	123.9	130.3	3.8	3.6
2251, 52	Hosiery	94.3	107.4	122.0	114.2	118.0	119.7	118.3	118.6	2.0	—.1
2281	Nonwool yarn mills	101.2	99.7	103.1	118.2	128.5	129.6	134.5	129.2	3.3	4.5
2421	Sawmills, planing mills	98.8	104.2	107.9	115.1	126.8	132.3	139.2	154.5	3.9	7.1
2431	Millwork	100.2	93.6	96.4	86.1	87.9	88.7	85.7	(NA)	[4] —1.5	[4] —2.0
2435, 36	Veneer and plywood	97.8	102.8	106.9	114.4	121.1	120.0	121.3	(NA)	[4] 2.6	[4] 3.1
251	Household furniture	97.5	99.9	103.0	104.7	110.2	112.3	112.5	116.9	1.5	2.5
2611, 21, 31, 61	Paper, paperboard, pulp mills	86.7	105.2	104.4	111.3	119.5	121.0	120.3	126.8	3.1	3.8
2653	Corrugated, solid fiber boxes	96.2	111.0	109.8	111.9	114.0	118.9	122.5	127.3	2.3	3.1
281	Industrial inorganic chemicals	86.5	94.3	91.4	86.3	94.2	106.0	102.6	(NA)	[4] .5	[4] 4.5
2823, 24	Synthetic fibers	84.5	115.7	120.9	103.6	126.2	125.3	135.8	146.2	4.3	5.3
2834	Pharmaceuticals	92.5	106.0	104.2	107.0	115.2	114.3	111.9	114.8	1.9	1.8
2844	Cosmetics	94.0	83.6	76.1	84.0	86.2	85.2	86.7	(NA)	[4] —1.6	[4] 2.8
2851	Paints, allied products	94.2	100.8	99.8	106.5	111.5	119.0	117.3	122.1	2.2	4.0
2869	Industrial organic chemicals, n.e.c	85.3	98.9	103.9	87.2	105.3	114.0	112.4	(NA)	[4] 1.8	[4] 4.3
2911	Petroleum refining	86.7	94.2	83.7	79.4	81.8	92.5	102.6	114.9	.5	7.3
3011	Tires, inner tubes	91.8	102.4	118.1	128.2	136.1	146.8	146.7	148.1	4.7	4.7
3079	Miscellaneous plastics	86.2	95.7	98.5	110.1	107.3	110.5	113.0	(NA)	[4] 2.4	[4] 2.8
314	Footwear	101.3	99.1	95.6	108.4	103.9	105.7	107.3	107.4	.6	1.8
3271, 72	Concrete products	91.9	90.4	88.5	91.0	97.6	99.2	100.5	(NA)	[4] .3	[4] 3.5
331	Steel	93.3	102.9	112.0	90.9	116.8	131.3	139.5	141.9	3.4	7.7
3321	Gray iron foundries	97.0	90.8	92.7	93.7	98.3	106.8	104.2	102.2	.5	2.6
3353, 54, 55	Aluminum rolling, drawing	87.5	100.0	96.8	99.2	110.4	116.2	115.9	125.8	2.3	5.4
3433	Heating equip., except electric	80.4	89.7	94.6	102.3	93.2	102.0	97.7	(NA)	[4] 1.4	[4] 4.6
3441	Fabricated structural metal	97.4	102.1	98.5	99.5	103.0	107.9	117.7	(NA)	[4] 1.2	[4] 4.5
3465, 6, 9	Metal stampings	93.2	99.9	101.4	98.1	104.7	110.4	104.7	(NA)	[4] 1.1	[4] 1.8
3519	Internal combustion engines	86.7	94.3	93.2	82.0	86.8	99.8	102.7	(NA)	[4] .1	[4] 4.0
352	Farm, garden machinery	97.7	93.3	95.1	94.9	95.3	105.2	101.7	(NA)	[4] .1	[4] 2.4
3531	Construction machinery, equipment	93.9	97.4	96.1	88.9	88.2	102.6	104.1	105.3	.3	3.1
3541, 42	Machine tools	103.0	98.8	96.5	88.5	83.5	94.0	92.0	95.2	—1.2	.5
3561, 63	Pumps and compressors	91.4	100.2	102.4	95.9	100.2	106.1	108.3	(NA)	[4] 1.0	[4] 2.2
3585	Refrigeration, heating equipment	89.9	93.8	99.4	100.1	100.9	105.4	103.7	(NA)	[4] 1.1	[4] 1.4
3621	Motors, generators	93.0	96.7	100.4	102.4	104.3	107.9	110.5	(NA)	[4] 1.4	[4] 2.5
3631, 2, 3, 9	Major household appliances	93.6	105.8	107.6	108.6	117.6	123.6	127.2	135.7	3.1	4.9
3651	Radio and TV sets	90.1	116.9	133.6	163.9	196.1	236.9	249.8	256.9	10.9	14.4
3674	Semiconductors	56.0	149.4	171.6	197.9	211.5	229.2	206.1	218.4	12.2	4.1
371	Motor vehicles, equipment	87.7	90.8	93.1	96.9	109.6	115.7	121.1	123.3	2.7	6.3
3825	Instruments to measure electricity	95.9	108.4	111.9	119.2	121.8	133.7	130.4	(NA)	[4] 3.6	[4] 4.3
(E, G, H, I)	**Transportation, utilities, trade:**										
401	RR transport (revenue traffic) [5]	89.5	107.3	111.5	115.8	141.9	152.6	162.1	179.8	6.2	10.4
Pts of 4111, 31, 414	Bus carriers [6]	97.0	100.9	90.7	98.8	95.4	90.9	88.2	(NA)	[4] —.7	[4] —1.4
4213 pt.	Intercity trucking [7]	89.2	94.3	98.7	93.3	101.0	102.5	97.2	(NA)	[4] .4	[4] .6
4511	Air transportation [7]	87.6	106.2	104.9	114.9	126.8	131.7	136.5	138.1	3.9	5.7
4612, 13	Petroleum pipelines	95.7	93.0	86.0	89.2	94.3	104.5	104.9	107.8	.6	5.0
4811	Telephone communications	85.9	118.1	124.4	129.1	145.1	143.0	149.9	158.9	5.6	4.8
491, 92, 93	Gas and electric utilities	95.7	96.2	94.4	89.3	88.1	91.4	90.5	88.9	—1.0	—.6
5251	Hardware stores [8]	97.9	111.4	107.3	108.9	107.0	112.8	111.4	116.1	1.5	1.7
5311	Department stores	89.9	101.0	106.0	107.4	114.9	122.1	125.0	130.3	3.1	4.5
54	Retail food stores [8]	100.7	98.9	95.2	93.5	93.9	93.6	94.2	93.0	—.8	—.3
5511	Franchised new car dealers	95.0	99.6	98.1	100.4	109.4	110.4	109.7	111.3	1.4	2.6
5541	Gasoline service stations [8]	85.6	104.3	105.8	110.7	118.1	121.0	122.6	126.6	3.1	3.6
56	Apparel, accessory stores [8]	105.3	120.1	127.1	130.9	137.8	146.6	152.2	162.8	4.5	5.1
57	Furniture, furnishings, equip. stores [8]	91.9	107.4	112.6	109.2	118.4	128.1	131.0	141.2	3.6	5.1
58	Eating, drinking places [8]	101.0	99.5	97.0	96.6	97.1	94.9	93.5	96.3	—.6	—.4
5912	Drug, proprietary stores [8]	94.2	107.0	107.6	107.9	110.1	105.0	100.3	97.0	.5	—2.2
592	Liquor stores [8]	96.5	101.9	103.7	107.8	101.7	99.1	105.9	109.1	.8	.5
602	Commercial banking	90.0	92.7	90.5	93.2	101.7	104.6	109.2	(NA)	[4] 1.0	[4] 5.0
7011	Hotels, motels, tourist courts [8]	89.7	95.0	91.6	88.8	95.4	102.1	97.5	92.8	(Z)	1.2
721	Laundry, cleaning services [8]	96.9	90.6	88.1	90.2	90.1	92.1	87.0	84.9	—1.4	—.8
723, 724	Beauty and barber shops	98.7	102.9	109.2	108.3	114.1	103.9	98.5	98.7	.4	—2.5
753	Automotive repair shops [8]	101.9	96.0	93.6	87.7	86.2	88.5	96.2	94.1	—1.3	.9

NA Not available. Z Less than .05 percent. [1] Standard Industrial Classification; see text, section 13. [2] For explanation of average annual percent change, see source. [3] Excludes fuels. [4] Change from 1975 to 1985 and 1981 to 1985. [5] Class 1 line-haul railroads and switching and terminal companies. [6] Class 1 interstate carriers regulated by the ICC. [7] Refers to output per employee. [8] Data relate to all persons (paid employees, unpaid family workers, and the self-employed).

Source: U.S. Bureau of Labor Statistics, Bulletin 2296, *Productivity Measures for Selected Industries and Government Services, 1958–86;* and unpublished data.

No. 659. Indexes of Productivity and Related Measures: 1960 to 1987

[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	1965	1970	1975	1980	1983	1984	1985	1986	1987
INDEXES (1977 = 100)										
Output, per hour, business sector	67.6	81.0	88.4	95.7	99.3	103.0	105.6	107.7	110.1	111.0
Nonfarm business	71.0	83.4	89.3	96.0	98.8	102.5	104.6	106.1	108.2	109.0
Manufacturing	62.2	76.6	80.8	92.9	101.4	112.0	118.1	123.6	127.7	132.0
Output,[1] business sector	55.4	70.0	80.3	89.4	106.7	109.9	119.2	124.2	128.6	133.3
Nonfarm business	54.6	69.5	80.0	89.1	106.7	110.1	119.2	123.9	128.2	133.0
Manufacturing	52.5	71.7	78.6	84.9	103.2	104.7	117.5	122.0	124.7	130.1
Hours,[2] business sector	81.9	86.4	90.8	93.4	107.5	106.7	112.9	115.3	116.8	120.1
Nonfarm business	76.9	83.3	89.7	92.8	108.0	107.5	114.0	116.8	118.5	122.1
Manufacturing	84.4	93.6	97.3	91.4	101.7	93.5	99.5	98.7	97.7	98.6
Compensation per hour,[3] business sector	33.6	41.5	57.8	85.2	131.5	161.5	168.0	175.5	183.1	190.4
Nonfarm business	35.3	42.5	58.2	85.6	131.3	161.5	167.8	174.9	182.3	189.4
Manufacturing	36.5	42.7	57.4	85.1	132.4	162.4	168.0	176.4	183.0	186.9
Real hourly compensation,[3] business sector	68.9	79.8	90.3	96.0	96.7	98.2	98.0	98.8	101.2	101.5
Nonfarm business	72.3	81.8	90.9	96.4	96.6	98.3	97.9	98.5	100.8	101.0
Manufacturing	74.8	82.2	89.6	95.9	97.4	98.8	98.0	99.3	101.2	99.7
Unit labor costs,[4] business sector	49.7	51.2	65.4	89.0	132.5	156.7	159.1	162.9	166.3	171.5
Nonfarm business	49.7	50.9	65.2	89.2	132.9	157.6	160.4	164.9	168.6	173.8
Manufacturing	58.7	55.8	71.0	91.7	130.6	145.0	142.2	142.7	143.3	141.7
ANNUAL PERCENT CHANGE[5]										
Output per hour, business sector	1.7	3.0	.7	2.0	−.3	2.7	2.5	2.1	2.2	.8
Nonfarm business	1.1	2.5	.3	1.8	−.4	3.3	2.1	1.4	2.0	.8
Output,[1] business sector	1.8	6.3	−.9	−2.1	−1.1	4.2	8.4	4.2	3.5	3.6
Nonfarm business	1.7	6.4	−1.1	−2.3	−1.2	5.0	8.3	3.9	3.5	3.8
Hours,[2] business sector	.1	3.2	−1.6	−4.0	−.8	1.5	5.7	2.1	1.3	2.8
Nonfarm business	.6	3.8	−1.3	−4.0	−.7	1.6	6.0	2.5	1.5	3.0
Compensation per hour,[3] business sector	4.3	3.8	7.3	9.7	10.5	4.2	4.1	4.5	4.3	4.0
Nonfarm business	4.4	3.4	7.0	9.7	10.5	4.3	3.9	4.2	4.2	3.8
Real hourly compensation,[3] business sector	2.5	2.2	1.5	.6	−2.7	1.0	−.2	.9	2.4	.3
Nonfarm business	2.6	1.7	1.2	.5	−2.7	1.1	−.4	.6	2.3	.2
Unit labor costs,[4] business sector	2.6	.9	6.5	7.6	10.9	1.4	1.5	2.4	2.1	3.1
Nonfarm business	3.3	.8	6.7	7.8	11.0	1.0	1.8	2.8	2.2	3.1

[1] Refers to gross domestic product originating in the sector, in 1982 prices. [2] Hours of all persons engaged in the business and nonfarm business sectors (employees, proprietors, and unpaid family workers); employees' and proprietors' hours in manufacturing. [3] 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. [4] Hourly compensation divided by output per paid hour. [5] All changes are from the immediately prior year.

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

No. 660. Average Annual Total Compensation and Wages and Salaries per Full-Time Equivalent Employee, by Industry: 1980 to 1987

[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, directors' fees, jury and witness fees, etc.]

INDUSTRY	ANNUAL TOTAL COMPENSATION					ANNUAL WAGES AND SALARIES				
	1980	1984	1985	1986	1987	1980	1984	1985	1986	1987
Domestic industries	**18,815**	**24,277**	**25,266**	**26,268**	**27,334**	**15,757**	**20,163**	**21,079**	**21,939**	**22,902**
Average annual percent change[1]	8.4	6.6	4.1	4.0	4.1	7.8	6.4	4.5	4.1	4.4
Agriculture, forestry, and fisheries	9,836	12,169	12,833	13,267	13,681	8,596	10,536	11,086	11,456	11,865
Mining	28,181	37,106	38,367	39,956	40,769	23,405	30,777	32,035	33,319	33,937
Construction	22,033	26,791	27,581	28,628	29,754	18,571	22,061	22,768	23,590	24,585
Manufacturing	22,023	28,620	29,999	31,251	32,065	17,954	23,244	24,549	25,593	26,355
Transportation	25,029	30,306	30,895	31,433	32,070	20,850	24,811	25,305	25,672	26,191
Communication	28,341	37,961	39,980	41,642	43,594	22,079	29,376	31,381	32,805	34,533
Electric, gas, and sanitary services	27,358	37,544	39,429	41,292	42,992	21,701	29,832	31,669	33,234	34,744
Wholesale trade	21,598	27,632	28,853	30,129	31,384	18,822	23,864	25,013	26,111	27,269
Retail trade	12,490	15,310	15,625	16,263	16,766	10,953	13,284	13,602	14,130	14,593
Finance, insurance, and real estate	18,968	26,166	28,014	30,275	32,262	15,871	21,980	23,724	25,762	27,625
Services	15,236	20,481	21,395	22,361	23,857	13,460	17,895	18,743	19,594	20,962
Government and government enterprises	19,681	26,449	27,821	28,908	30,266	15,911	20,980	22,062	22,959	24,024

[1] Represents average for period of intervals shown; for 1980, change from 1975. 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 1988.

No. 661. Average Hourly and Weekly Earnings in Current and Constant (1977) Dollars, by Private Industry Group: 1970 to 1987

[Average weekly earnings includes overtime. Data are for production and related workers in mining, manufacturing, and construction, and nonsupervisory employees in other industries. Excludes agriculture. See headnote, table 655. See also *Historical Statistics, Colonial Times to 1970*, series D 877–892]

Private industry group	Current dollars						Constant (1977) dollars					
	1970	1975	1980	1985	1986	1987	1970	1975	1980	1985	1986	1987
Average hourly earnings	3.23	4.53	6.66	8.57	8.76	8.98	5.04	5.10	4.89	4.88	4.92	4.86
Manufacturing	3.35	4.83	7.27	9.54	9.73	9.91	5.23	5.44	5.34	5.44	5.46	5.37
Mining	3.85	5.95	9.17	11.98	12.46	12.52	6.01	6.70	6.74	6.83	6.99	6.78
Construction	5.24	7.31	9.94	12.32	12.48	12.69	8.17	8.23	7.30	7.02	7.00	6.87
Transportation, public utilities	3.85	5.88	8.87	11.40	11.70	12.03	6.01	6.62	6.52	6.50	6.57	6.52
Wholesale trade	3.44	4.73	6.96	9.16	9.35	9.59	5.37	5.33	5.11	5.22	5.25	5.20
Retail trade	2.44	3.36	4.88	5.94	6.03	6.11	3.81	3.78	3.59	3.38	3.38	3.31
Finance, insurance, real estate	3.07	4.06	5.79	7.94	8.36	8.73	4.79	4.57	4.25	4.52	4.69	4.73
Services	2.81	4.02	5.85	7.90	8.18	8.48	4.38	4.53	4.30	4.50	4.59	4.59
Average weekly earnings	120	164	235	299	305	313	187	184	173	170	171	169
Manufacturing	133	191	289	386	396	406	208	215	212	220	222	220
Mining	164	249	397	520	526	531	256	280	292	296	295	288
Construction	195	266	368	464	467	480	304	300	270	265	262	260
Transportation, public utilities	156	233	351	450	459	472	243	262	258	257	252	255
Wholesale trade	137	183	267	352	358	365	214	206	197	200	201	198
Retail trade	82	109	147	175	176	178	128	123	108	100	99	97
Finance, insurance, real estate	113	148	210	289	304	317	176	167	154	165	171	172
Services	97	135	191	257	266	276	151	152	140	146	149	149

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

No. 662. Annual Percent Changes in Earnings and Compensation: 1978 to 1987

[Annual percent change from immediate prior year]

Item	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Current dollars:										
Hourly earnings, total [1]	8.4	8.3	8.1	8.9	5.9	4.4	3.7	3.0	2.2	2.5
Hourly earnings, manufacturing	8.6	8.6	8.5	9.9	6.3	4.0	4.1	3.8	2.0	1.8
Compensation per employee-hour [1]	8.6	9.5	10.5	9.4	7.8	4.3	3.9	4.2	4.2	3.8
Constant (1977) dollars:										
Hourly earnings, total [1]	.8	−2.8	−4.9	−1.2	–	1.2	.4	−.6	.8	−1.2
Hourly earnings, manufacturing	.9	−2.4	−4.5	−.2	.2	.9	.6	.4	.4	−1.6
Compensation per employee-hour [1]	.9	−1.7	−2.7	−.8	1.5	1.1	−.4	.6	2.3	.2
Consumer Price Index [2]	7.6	11.3	13.5	10.3	6.2	3.2	4.3	3.6	1.9	3.6

– Represents zero. [1] Nonfarm business sector. [2] See text, section 15.

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

No. 663. Average Weekly Earnings in Current and Constant (1977) Dollars, Private Nonagricultural and Manufacturing Industries: 1960 to 1987

[**In dollars.** Average earnings includes overtime. Based on reports from employing establishments and relate to full- and part-time wage and salary workers in nonagricultural establishments who worked during, or received pay for, any part of the pay period which includes the 12th of the month. See headnote, table 661. See *Historical Statistics, Colonial Times to 1970*, series D 804, for average weekly earnings in manufacturing]

Year	Private nonagricultural		Manufacturing		Year	Private nonagricultural		Manufacturing	
	Current dollars	Constant (1977) dollars [1]	Current dollars	Constant (1977) dollars [1]		Current dollars	Constant (1977) dollars [1]	Current dollars	Constant (1977) dollars [1]
1960	80.7	165.0	89.7	183.5	1979	219.9	183.4	269.3	224.6
1965	95.5	183.2	107.5	206.4	1980	235.1	172.7	288.6	212.0
1970	119.8	186.9	133.3	208.0	1981	255.2	170.1	318.0	212.0
1974	154.8	190.1	176.8	217.2	1982	267.3	168.1	330.3	207.7
1975	163.5	184.2	190.8	214.9	1983	280.7	171.3	354.1	216.0
1976	175.5	186.9	209.3	222.9	1984	292.9	172.8	374.0	220.7
1977	189.0	189.0	228.9	228.9	1985	299.1	170.4	386.4	220.2
1978	203.7	189.3	249.3	231.7	1986	304.9	171.1	396.0	222.2
					1987	312.5	169.3	406.3	220.1

[1] Earnings in current dollars divided by the Consumer Price Index (CPI–W) on a 1977 base; see text, section 15.

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

No. 664. Average Annual Pay, by State: 1985 to 1987

[**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. Minus sign (–) indicates decrease]

STATE	AVERAGE ANNUAL PAY			PERCENT CHANGE	
	1985	1986	1987 [1]	1985–1986	1986–1987
U.S	**19,184**	**19,966**	**20,855**	**4.1**	**4.5**
AL	17,023	17,638	18,318	3.6	3.9
AK	28,699	28,442	28,008	–.9	–1.5
AZ	18,037	18,870	19,610	4.6	3.9
AR	15,553	16,162	16,529	3.9	2.3
CA	20,950	21,998	23,100	5.0	5.0
CO	19,589	20,275	20,736	3.6	2.3
CT	21,226	22,518	24,322	6.1	8.0
DE	19,150	19,637	20,764	2.5	5.7
DC	26,160	27,137	28,477	3.7	4.9
FL	16,958	17,680	18,674	4.2	5.6
GA	17,912	18,745	19,651	4.7	4.8
HI	17,329	18,101	19,091	4.5	5.5
ID	16,353	16,623	17,062	1.7	2.6
IL	20,601	21,445	22,250	4.1	3.8
IN	18,501	19,024	19,692	2.8	3.5
IA	16,097	16,598	17,292	3.1	4.2
KS	17,331	17,934	18,424	3.5	2.7
KY	16,941	17,357	18,008	2.5	3.7
LA	18,216	18,290	18,707	.4	2.3
ME	15,428	16,326	17,447	5.8	6.9
MD	19,092	20,121	21,324	5.4	6.0
MA	19,627	20,925	22,486	6.6	7.5
MI	21,884	22,721	23,081	3.8	1.6
MN	18,818	19,633	20,450	4.3	4.2
MS	14,951	15,420	15,938	3.1	3.4
MO	18,338	18,915	19,601	3.1	3.6
MT	15,932	16,085	16,438	1.0	2.2
NE	15,616	16,106	16,526	3.1	2.6
NV	18,179	18,739	19,521	3.1	4.2
NH	17,205	18,303	19,414	6.4	6.1
NJ	21,077	22,309	23,642	5.8	6.9
NM	16,989	17,301	17,767	1.8	2.7
NY	21,901	23,200	24,634	5.9	6.2
NC	16,226	16,999	17,861	4.8	5.1
ND	15,588	15,778	16,157	1.2	2.4
OH	19,433	19,903	20,568	2.4	3.3
OK	18,196	18,345	18,615	.8	1.5
OR	17,837	18,321	18,888	2.7	3.1
PA	18,649	19,403	20,408	4.1	5.2
RI	16,864	17,733	18,858	5.2	6.3
SC	15,944	16,603	17,279	4.1	4.1
SD	13,987	14,477	14,963	3.5	3.4
TN	16,987	17,661	18,501	4.0	4.8
TX	19,616	19,934	20,463	1.6	2.6
UT	17,577	17,863	18,303	1.6	2.5
VT	16,023	16,862	17,703	5.2	5.0
VA	18,089	18,972	19,963	4.9	5.2
WA	18,949	19,645	20,110	3.7	2.4
WV	18,019	18,402	18,820	2.1	2.3
WI	17,594	18,202	18,890	3.5	3.8
WY	18,950	18,969	18,817	.1	–.8

[1] Preliminary.

Source: U.S. Bureau of Labor Statistics, *Employment and Wages, Annual Averages 1986,* and USDL News Release 88-413, *Average Annual Pay by State and Industry, 1987.*

No. 665. Average Annual Pay, by Selected Metropolitan Areas: 1985 to 1987

[**In dollars, except percent change.** For metropolitan areas defined as of June 30, 1987. CMSA=Consolidated Metropolitan Statistical Area; MSA=Metropolitan Statistical Area; NECMA=New England County Metropolitan Area. See headnote, table 664]

METROPOLITAN AREAS RANKED BY POPULATION SIZE, 1986	AVERAGE ANNUAL PAY			Percent change, 1986–1987
	1985	1986	1987 [1]	
U.S. total	**19,184**	**19,966**	**20,855**	**4.5**
U.S. metropolitan total	(2)	20,762	21,724	4.6
New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA	22,724	24,207	25,976	7.3
Los Angeles-Anaheim-Riverside, CA, CMSA	21,476	22,542	23,921	6.1
Chicago-Gary-Lake County (IL), IL-IN-WI CMSA	(2)	22,626	23,481	3.8
San Francisco-Oakland-San Jose, CA CMSA	23,061	24,309	25,375	4.4
Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA	20,221	21,223	22,530	6.2
Detroit-Ann Arbor, MI CMSA	23,619	24,700	25,178	1.9
Boston-Lawrence-Salem-Lowell-Brockton, MA NECMA	20,817	22,250	23,888	7.4
Dallas-Forth Worth, TX CMSA	21,270	21,915	22,768	3.9
Houston-Galveston-Brazoria, TX CMSA	22,767	23,029	23,373	1.5
Washington, DC-MD-VA MSA	22,727	23,859	25,210	5.7
Miami-Forth Lauderdale, FL CMSA	18,454	19,330	20,602	6.6
Cleveland-Akron-Lorain, OH CMSA	20,533	21,024	21,782	3.6
Atlanta, GA MSA	20,264	21,243	22,426	5.6
St. Louis, MO-IL MSA	20,368	20,969	21,793	3.9
Pittsburgh-Beaver Valley, PA CMSA	19,532	20,144	20,949	4.0
Minneapolis-St. Paul, MN-WI MSA	20,576	21,495	22,385	4.1
Seattle-Tacoma, WA CMSA	20,361	21,286	21,863	2.7
Baltimore, MD MSA	(2)	19,911	20,976	5.4
San Diego, CA MSA	19,154	20,146	21,051	4.5
Tampa-St. Petersburg-Clearwater, FL MSA	16,410	17,116	17,911	4.6
Phoenix, AZ MSA	18,769	19,730	20,612	4.5
Denver-Boulder, CO CMSA	21,197	21,983	22,649	3.0
Cincinnati-Hamilton, OH-KY-IN CMSA	19,571	20,280	21,142	4.2
Milwaukee-Racine, WI CMSA	19,410	20,084	20,758	3.4
Kansas City, MO-KS MSA	19,483	20,062	20,848	3.9
Portland-Vancouver, OR-WA CMSA	19,110	19,786	20,386	3.0
New Orleans, LA MSA	19,030	19,264	19,788	2.7
Norfolk-Virginia Beach-Newport News, VA MSA	16,827	17,597	18,268	3.8
Columbus, OH MSA	19,003	19,640	20,333	3.5
Sacramento, CA MSA	19,220	20,223	21,047	4.1
San Antonio, TX MSA	17,415	17,843	18,436	3.3
Indianapolis, IN MSA	19,494	20,115	21,081	4.8
Buffalo-Niagara Falls, NY CMSA	18,371	18,858	19,404	2.9
Providence-Pawtucket-Woonsocket, RI NECMA	16,709	17,574	18,696	6.4
Charlotte-Gastonia-Rock Hill, NC-SC MSA	17,773	18,650	19,806	6.2
Hartford-New Britain-Middletown-Bristol, CT NECMA	21,042	22,395	24,151	7.8
Salt Lake City-Ogden, UT MSA	17,999	18,306	18,856	3.0
Oklahoma City, OK MSA	19,089	19,144	19,534	2.0
Rochester, NY MSA	20,846	21,843	22,307	2.1
Louisville, KY-IN MSA	18,237	18,684	19,448	4.1
Memphis, TN-AR-MS MSA	18,310	18,799	19,709	4.8
Dayton-Springfield, OH MSA	19,687	20,225	20,612	1.9
Nashville, TN MSA	17,848	18,667	19,737	5.7
Birmingham, AL MSA	18,672	19,164	19,917	3.9
Greensboro-Winston-Salem-High Point, NC MSA	17,528	18,201	19,150	5.2
Orlando, FL MSA	17,310	18,014	18,923	5.0
Jacksonville, FL MSA	17,513	18,221	19,141	5.0
Albany-Schenectady-Troy, NY MSA	18,602	19,499	20,607	5.7
Honolulu, HI MSA	17,902	18,724	19,718	5.3
Richmond-Petersburg, VA MSA	18,566	19,348	20,374	5.3

[1] Preliminary. [2] Comparable data are not available.

Source: U.S. Bureau of Labor Statistics, USDL News Release 88-516, *Annual Pay Levels in Metropolitan Areas, 1987,* and earlier issues.

No. 666. Full-Time Wage and Salary Workers—Number and Median Weekly Earnings, by Selected Characteristics: 1983 to 1987

[*In current dollars of usual weekly earnings.* Data represent annual averages of quarterly data. Data revised since previously published. 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			
	1983	1985	1986	1987	1983	1985	1986	1987
All workers [1]	**70,976**	**77,002**	**78,727**	**80,836**	**$313**	**$343**	**$358**	**$373**
Male	42,309	45,589	46,233	47,162	378	406	419	433
16 to 24 years old	6,702	6,956	6,822	6,726	223	240	245	257
25 years old and over	35,607	38,632	39,410	40,436	406	442	462	477
Female	28,667	31,414	32,494	33,674	252	277	290	303
16 to 24 years old	5,345	5,621	5,513	5,526	197	210	218	226
25 years old and over	23,322	25,793	26,981	28,148	267	296	308	321
White	61,739	66,481	67,779	69,358	319	355	370	383
Male	37,378	40,030	40,471	41,150	387	417	433	450
Female	24,361	26,452	27,308	28,208	254	281	294	307
Black	7,373	8,393	8,654	9,050	261	277	291	301
Male	3,883	4,367	4,464	4,679	293	304	318	326
Female	3,490	4,026	4,190	4,371	231	252	263	275
Hispanic origin [2]	(NA)	(NA)	5,630	6,093	(NA)	(NA)	277	284
Male	(NA)	(NA)	3,622	3,874	(NA)	(NA)	299	306
Female	(NA)	(NA)	2,008	2,219	(NA)	(NA)	241	251
Family relationship:								
Husbands	28,720	30,260	30,491	30,932	410	455	475	487
Wives	14,884	16,270	16,820	17,496	257	285	299	313
Women who maintain families	3,948	4,333	4,512	4,709	256	278	290	300
Men who maintain families	1,391	1,313	1,411	1,508	377	396	397	399
Other persons in families:								
Men	5,518	6,173	6,239	6,385	219	238	247	263
Women	4,032	4,309	4,328	4,469	201	213	222	235
All other men [3]	6,740	7,841	8,085	8,333	350	380	395	405
All other women [3]	5,803	6,503	6,841	7,004	274	305	316	326
Occupation, male:								
Managerial and professional	10,312	11,078	11,333	11,555	516	583	608	636
Exec., admin., managerial	5,344	5,835	5,980	6,117	530	593	620	647
Professional specialty	4,967	5,243	5,353	5,438	506	571	599	625
Tech., sales, and admin., support	8,125	8,803	8,977	9,241	385	420	437	453
Tech. and related support	1,428	1,563	1,597	1,533	424	472	490	500
Sales	3,853	4,227	4,373	4,580	389	431	447	479
Admin. support, incl. clerical	2,844	3,013	3,006	3,128	362	391	403	402
Service	3,723	3,947	3,987	4,143	255	272	284	296
Private household	11	13	14	16	(B)	(B)	(B)	(B)
Protective	1,314	1,327	1,433	1,481	355	391	402	427
Other service	2,398	2,607	2,540	2,646	217	230	239	251
Precision production [4]	9,180	10,026	9,973	10,125	387	408	418	431
Mechanics and repairers	3,418	3,752	3,588	3,681	377	400	413	423
Construction trades	2,966	3,308	3,413	3,548	375	394	401	416
Other	2,796	2,966	2,973	2,896	408	433	448	463
Operators, fabricators and laborers	9,833	10,585	10,784	10,926	308	325	332	344
Machine operators, assemblers, and inspectors	4,138	4,403	4,401	4,423	319	341	354	353
Transportation and material moving	3,199	3,459	3,494	3,612	335	369	372	386
Handlers, equipment cleaners, helpers, and laborers	2,496	2,724	2,890	2,890	251	261	271	289
Farming, forestry, fishing	1,137	1,150	1,178	1,171	200	216	220	219
Occupation, female:								
Managerial and professional	7,139	8,302	8,762	9,339	357	398	414	441
Exec., admin., managerial	2,772	3,492	3,797	4,099	339	383	395	416
Professional specialty	4,367	4,810	4,965	5,240	367	408	428	458
Tech. sales, and admin. support	13,517	14,622	15,083	15,439	247	269	282	293
Tech. and related support	1,146	1,200	1,224	1,264	299	331	343	368
Sales	2,460	2,929	3,021	3,077	204	226	239	246
Admin. support, incl. clerical	9,911	10,494	10,838	11,098	248	270	284	294
Service	3,598	3,963	4,074	4,171	173	185	191	199
Private household	267	330	320	305	116	130	119	130
Protective	139	156	156	186	250	278	292	314
Other service	3,193	3,477	3,598	3,680	176	188	195	201
Precision production [4]	784	906	878	867	256	268	277	302
Mechanics and repairers	120	144	136	131	337	392	431	456
Construction trades	45	53	56	38	(B)	265	333	(B)
Other	619	709	686	699	244	253	258	286
Operators, fabricators, and laborers	3,486	3,482	3,558	3,716	204	216	225	231
Machine operators, assemblers, and inspectors	2,853	2,778	2,853	2,962	202	216	223	227
Transportation and material moving	159	189	190	186	253	252	287	299
Handlers, equipment cleaners, helpers and laborers	474	514	515	568	211	209	226	233
Farming, forestry, fishing	143	138	140	142	169	185	187	191

B Data not shown where base is less than 50,000. NA Not available. [1] Includes other races, not shown separately. [2] Persons of Hispanic origin may be of any race. [3] *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. [4] Includes craft and repair.

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

No. 667. Median Weekly Earnings of Families by Type of Family, Number of Earners, Race, and Hispanic Origin: 1980 to 1987

[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	1984	1985	1986	1987	1980	1984	1985	1986	1987
TOTAL										
Total families with earners [1]	**41,162**	**40,944**	**41,616**	**42,101**	**42,733**	**400**	**499**	**522**	**543**	**572**
Married-couple families	33,825	33,070	33,459	33,569	33,844	433	548	582	606	637
One earner	14,797	13,532	13,347	13,049	12,668	303	371	385	393	405
Husband	12,127	10,604	10,346	9,979	9,640	336	418	440	459	477
Wife	2,059	2,220	2,243	2,351	2,272	159	205	217	223	230
Other family member	611	708	758	719	757	163	197	204	210	212
Two or more earners [2]	19,028	19,537	20,112	20,520	21,176	535	662	715	744	776
Husband and wife only	12,990	13,564	14,019	14,347	14,955	507	650	684	712	741
Husband and other family member(s)	2,369	2,182	2,159	2,056	1,996	557	685	689	720	749
Wife and other family member(s)	426	498	514	532	560	350	424	454	480	512
Other family members only	139	162	176	188	147	356	413	466	469	501
Families maintained by women	5,690	6,294	6,470	6,718	6,963	222	284	297	307	317
One earner	4,022	4,343	4,397	4,607	4,702	184	227	234	242	254
Householder	3,104	3,366	3,432	3,606	3,675	188	235	243	251	263
Other family member	918	977	965	1,001	1,027	168	199	200	205	215
Two or more earners	1,668	1,951	2,073	2,110	2,260	370	455	487	499	514
Families maintained by men	1,647	1,581	1,688	1,814	1,926	360	421	450	444	478
One earner	1,016	963	1,031	1,133	1,144	283	334	346	351	353
Two or more earners	631	618	656	681	782	502	611	625	637	675
WHITE										
Total families with earners [1]	**35,786**	**35,331**	**35,848**	**36,072**	**36,555**	**411**	**514**	**543**	**566**	**592**
Married-couple families	30,316	29,595	29,899	29,865	30,095	438	557	589	615	647
One earner [2]	13,437	12,218	12,097	11,698	11,385	311	381	395	405	416
Husband	11,152	9,703	9,496	9,077	8,784	343	426	452	472	485
Wife	1,740	1,879	1,925	1,996	1,946	160	207	218	225	231
Two or more earners	16,878	17,368	17,802	18,167	18,710	542	689	723	755	785
Husband and wife only	11,448	12,017	12,394	12,656	13,232	511	656	691	720	748
Families maintained by women	4,140	4,510	4,616	4,786	4,959	233	299	311	320	329
Families maintained by men	1,331	1,236	1,333	1,420	1,501	374	442	475	476	492
BLACK										
Total families with earners [1]	**4,503**	**4,579**	**4,668**	**4,810**	**4,942**	**299**	**366**	**378**	**391**	**412**
Married-couple families	2,802	2,648	2,671	2,734	2,768	366	463	487	503	529
One earner [2]	1,103	967	902	978	924	210	260	257	267	289
Husband	769	634	580	615	581	244	309	292	307	335
Wife	279	281	257	289	264	151	188	206	209	215
Two or more earners	1,700	1,681	1,769	1,755	1,843	472	600	622	645	675
Husband and wife only	1,238	1,216	1,258	1,269	1,318	461	582	603	628	646
Families maintained by women	1,436	1,640	1,703	1,756	1,822	192	240	259	267	284
Families maintained by men	263	292	294	320	352	307	365	360	348	383
HISPANIC ORIGIN [3]										
Total families with earners [1]	(NA)	(NA)	(NA)	**3,017**	**3,219**	(NA)	(NA)	(NA)	**412**	**425**
Married-couple families	(NA)	(NA)	(NA)	2,272	2,411	(NA)	(NA)	(NA)	459	473
One earner [2]	(NA)	(NA)	(NA)	1,006	1,032	(NA)	(NA)	(NA)	289	292
Husband	(NA)	(NA)	(NA)	828	838	(NA)	(NA)	(NA)	308	314
Wife	(NA)	(NA)	(NA)	127	122	(NA)	(NA)	(NA)	202	209
Two or more earners	(NA)	(NA)	(NA)	1,266	1,379	(NA)	(NA)	(NA)	603	615
Husband and wife only	(NA)	(NA)	(NA)	809	884	(NA)	(NA)	(NA)	582	593
Families maintained by women	(NA)	(NA)	(NA)	538	575	(NA)	(NA)	(NA)	273	285
Families maintained by men	(NA)	(NA)	(NA)	207	234	(NA)	(NA)	(NA)	380	418

NA Not available. [1] 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. [2] Includes other earners, not shown separately. [3] 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. 668. Number of Workers With Earnings and Median Earnings, by Occupation of Longest Job Held and Sex: 1987

[Covers civilians 15 years old and over as of **March 1988.** Based on Current Population Survey; see text, section 1, and Appendix III. For definition of median, see Guide to Tabular Presentation]

Major occupation group 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
Total [1]	**59,088**	**$10,618**	**69,419**	**$19,878**	**29,809**	**$16,909**	**47,080**	**$26,008**	**.63**	**.65**
Executive, administrators, and managerial	5,852	19,134	8,839	33,408	4,308	21874	7,541	36,155	.57	.61
Professional specialty	8,004	19,643	7,837	32,891	4,576	24,565	6,285	36,098	.73	.68
Technical and related support	1,830	16,242	1,983	25,670	1,149	19,559	1,501	29,170	.77	.67
Sales	8,082	6,268	7,610	21,624	3,031	14,277	5,447	27,880	.56	.51
Admin. support, incl. clerical	16,402	12,220	3,905	18,512	9,487	16,346	2,672	23,896	3.55	.68
Precision production, craft and repair	1,376	11,758	13,385	20,737	781	17,190	9,426	24,931	.08	.69
Machine operators, assemblers, and inspectors	3,885	10,050	5,196	17,363	2,216	13,028	3,707	20,821	.60	.63
Transportation and material moving	447	7,669	4,816	18,047	137	12,770	3,082	22,472	.04	.57
Handlers, equipment cleaners, helpers, and laborers	1,052	6,209	4,952	8,046	375	13,118	2,034	16,730	.18	.78
Service workers	11,486	4,714	7,169	8,523	3,543	11,000	3,594	17,320	.99	.64
Private household	1,203	1,614	56	(B)	187	7,053	4	(B)	46.75	(X)
Service, except private household	10,282	5,256	7,113	8,654	3,357	11,214	3,589	17,335	.94	.65
Farming, forestry, and fishing	654	2,574	3,519	6,479	199	7,034	1,658	12,389	.12	.57

B Base less than 75,000. X Not applicable. [1] Includes persons whose longest job was in the Armed Forces.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, forthcoming report.

No. 669. Employment Cost Index (ECI), by Industry and Occupation: 1981 to 1987

[**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; 1981–1985 based on 1970 Census of Population; thereafter, based on fixed employment counts from the 1980 Census of Population]

Item	Indexes (June 1981 = 100)							Percent change for 12 months ending—				
	1981	1982	1983	1984	1985	1986	1987	1983	1984	1985	1986	1987
Civilian workers [1]	**104.5**	**111.4**	**117.8**	**123.9**	**129.2**	**133.8**	**138.6**	**5.7**	**5.2**	**4.3**	**3.6**	**3.6**
Workers, by occupational group:												
White-collar workers	104.9	111.9	118.9	125.5	131.6	136.9	142.2	6.3	5.6	4.9	4.0	3.9
Blue-collar workers	104.1	110.5	115.8	120.9	124.9	128.4	132.5	4.8	4.4	3.3	2.8	3.2
Service workers	104.2	112.4	119.1	126.8	131.8	136.6	140.8	6.0	6.5	3.9	3.6	3.1
Workers, by industry division:												
Manufacturing	104.0	110.4	116.0	122.0	126.0	130.1	134.1	5.1	5.2	3.3	3.3	3.1
Nonmanufacturing	104.8	111.8	118.6	124.8	130.6	135.4	140.5	6.1	5.2	4.6	3.7	3.8
Services	107.1	115.0	122.6	130.9	137.1	143.6	150.6	6.6	6.8	4.7	4.7	4.9
Public administration [2]	106.0	113.6	121.4	128.6	134.8	141.6	148.1	6.9	5.9	4.8	5.0	4.6
Private industry workers [3]	**104.0**	**110.7**	**117.0**	**122.7**	**127.5**	**131.6**	**136.0**	**5.7**	**4.9**	**3.9**	**3.2**	**3.3**
Workers, by occupational group:												
White-collar workers	104.0	110.8	117.9	123.9	129.8	134.3	139.3	6.4	5.1	4.8	3.5	3.7
Blue-collar workers	104.0	110.3	115.7	120.6	124.4	127.8	131.8	4.9	4.2	3.2	2.7	3.1
Service workers	103.1	111.8	117.9	125.7	129.5	133.5	136.7	5.5	6.6	3.0	3.1	2.4
Workers, by industry division:												
Manufacturing	104.0	110.4	116.0	122.0	126.0	130.1	134.1	5.1	5.2	3.3	3.3	3.1
Nonmanufacturing	103.9	110.8	117.5	123.1	128.4	132.4	137.1	6.0	4.8	4.3	3.1	3.5
Workers by bargaining status:												
Union	104.8	112.3	118.8	123.9	127.1	129.8	133.4	5.8	4.3	2.6	2.1	2.8
Nonunion	103.5	109.7	115.9	121.9	127.5	132.1	136.9	5.7	5.2	4.6	3.6	3.6
State and local government workers	**107.4**	**115.1**	**122.0**	**130.1**	**137.5**	**144.7**	**151.1**	**6.0**	**6.6**	**5.7**	**5.2**	**4.4**
Workers, by occupational group:												
White-collar workers	107.8	115.8	122.6	131.1	138.6	146.0	152.7	5.9	6.9	5.7	5.3	4.6
Blue-collar workers	105.9	113.0	119.2	125.9	132.7	139.5	144.3	5.5	5.6	5.4	5.1	3.4
Workers, by industry division:												
Services	107.9	115.9	122.6	131.3	139.1	146.6	153.1	5.8	7.1	5.9	5.4	4.4
Schools	107.9	115.8	122.6	132.0	140.3	148.4	155.5	5.9	7.7	6.3	5.8	4.8
Elementary and secondary	108.3	116.6	123.9	133.5	142.0	150.3	157.8	6.3	7.7	6.4	5.8	5.0
Hospitals and other services [4]	107.8	116.0	122.6	129.2	135.2	141.1	146.3	5.7	5.4	4.6	4.4	3.7
Public administration [2]	106.0	113.6	121.4	128.6	134.8	141.6	148.1	6.9	5.9	4.8	5.0	4.6

[1] Includes private industry and State and local government workers and excludes farm, household, and Federal government workers. [2] Consists of legislative, judicial, administrative, and regulatory activities. [3] Excludes farm and household workers. [4] Includes library, social, and health services.

Source: U.S. Bureau of Labor Statistics, *News, Employment Cost Index*, quarterly.

No. 670. Employer Costs for Employee Compensation per Hour Worked, by Industry: 1988

As of March, for private industry workers. Based on a sample of establishments; see source for details]

Compensation component	Cost (dol.)					Percent distribution				
	Total	Goods producing [1]	Service producing [2]	Manufacturing	Nonmanufacturing	Total	Goods producing [1]	Service producing [2]	Manufacturing	Nonmanufacturing
Total compensation	**13.79**	**16.42**	**12.72**	**16.26**	**13.08**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Wages and salaries	10.02	11.42	9.45	11.18	9.69	72.7	69.6	74.3	68.8	74.1
Total benefits	3.77	5.00	3.27	5.07	3.39	27.3	30.4	25.7	31.2	25.9
Paid leave	.97	1.13	.91	1.25	.89	7.0	6.9	7.1	7.7	6.8
Vacation	.48	.58	.44	.63	.44	3.5	3.5	3.5	3.9	3.4
Holiday	.33	.42	.29	.47	.29	2.4	2.5	2.3	2.9	2.2
Sick	.12	.10	.13	.11	.12	.9	.6	1.0	.7	.9
Other	.04	.04	.04	.04	.04	.3	.2	.3	.2	.3
Supplemental pay	.33	.55	.24	.58	.25	2.4	3.3	1.9	3.5	2.0
Premium pay	.17	.35	.10	.36	.11	1.2	2.1	.8	2.2	.9
Nonproduction bonuses	.12	.13	.11	.13	.11	.8	.8	.9	.8	.9
Shift pay	.04	.07	.03	.09	.03	.3	.4	.2	.5	.2
Insurance	.78	1.11	.64	1.20	.66	5.6	6.8	5.0	7.4	5.0
Pensions and savings	.45	.61	.39	.57	.41	3.3	3.7	3.0	3.5	3.2
Pensions	.38	.51	.33	.46	.36	2.8	3.1	2.6	2.8	2.7
Savings and thrift	.07	.10	.06	.11	.06	.5	.6	.4	.7	.4
Legally required [3]	1.22	1.55	1.08	1.43	1.16	8.8	9.5	8.5	8.8	8.9
Social Security	.81	.96	.75	.95	.76	5.9	5.8	5.9	5.9	5.8
Federal unemployment	.03	.03	.03	.03	.03	.2	.2	.3	.2	.3
State unemployment	.12	.18	.09	.18	.10	.8	1.1	.7	1.1	.8
Workers compensation	.24	.37	.18	.26	.23	1.7	2.3	1.5	1.6	1.8
Other benefits [4]	.02	.04	(Z)	.05	(Z)	.2	.3	(Z)	.3	(Z)

Z Represents or rounds to zero. [1] Mining, construction, and manufacturing. [2] Transportation, communications, public utilities, wholesale trade, retail trade, finance, insurance, real estate, and services. [3] Includes railroad retirement, railroad unemployment, railroad supplemental unemployment, and other legally required benefits, not shown separately. [4] Includes severance pay, supplemental unemployment benefits, and merchandise discounts in department stores.

Source: U.S. Bureau of Labor Statistics, *News, Employer Costs for Employee Compensation*, June 1988, USDL 88-293.

No. 671. Employees With Employer- or Union-Provided Pension Plans, or Group Health Plans, by Occupation and Industry: 1986

[In thousands, except percent. For civilian wage and salary workers 15 years old and over as of **March 1987.** Based on Current Population Survey; see text, section 1, and Appendix III]

Occupation	Total	With pension plans		With group health plans		Occupation	Total	With pension plans		With group health plans	
		Number	Percent	Number	Percent			Number	Percent	Number	Percent
Total [1]	**116,451**	**49,578**	**42.6**	**70,000**	**60.1**	**Total [1]**	**116,451**	**49,578**	**42.6**	**70,000**	**60.1**
Managerial and professional specialty	26,602	16,320	61.3	20,431	76.8	Agriculture, forestry, fisheries	2,490	236	9.5	575	23.1
Executive, admin. and managerial	12,296	7,124	57.9	9,823	79.9	Mining	972	567	58.3	797	82.0
Prof. specialty	14,306	9,196	64.3	10,608	74.2	Construction	7,055	2,261	32.0	3,801	53.9
Technical, sales and admin. support	36,607	14,902	40.7	21,608	59.0	Manufacturing	22,664	12,820	56.6	18,026	79.5
Service workers	17,528	3,900	22.3	6,001	34.2	Transportation, public utilities	7,822	4,953	63.3	6,141	78.5
Pvt. household	1,402	24	1.7	38	2.7	Wholesale trade	4,587	1,919	41.8	3,265	71.2
Service, exc. pvt. household	16,126	3,876	24.0	5,963	37.0	Retail trade	20,985	4,129	19.7	7,981	38.0
Farming, forestry and fishing	2,878	222	7.7	561	19.5	Finance, insurance, real estate	7,300	3,519	48.2	5,095	69.8
Precision prod., craft, and repair	13,090	6,359	48.6	9,294	71.0	Business services	6,169	1,596	25.9	3,109	50.4
Operatives, fabricators and laborers	19,546	7,791	39.9	11,981	61.3	Personal services	4,611	512	11.1	1,103	23.9
						Entertainment and recreation	1,665	323	19.4	555	33.3
						Professional and related	24,261	12,301	50.7	15,029	61.9
						Public administration	5,671	4,358	76.8	4,399	77.6

[1] Includes civilians whose longest job was in the Armed Forces, not shown separately.

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

No. 672. Employee Benefits in Medium and Large Firms: 1986

[**For January through June.** Covers full-time employees in private industry; excludes small firms (establishments with fewer than 50 to 250 employees, depending on the industry), executive management 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. Based on sample survey of establishments; for details, see source]

TYPE OF EMPLOYEE BENEFIT	All employees	Professional and administrative	Technical and clerical	Production
Percent of employees participating in—				
Paid: Vacations	100	99	100	100
Holidays	99	99	100	98
Jury duty leave	93	96	96	90
Funeral leave	88	87	87	88
Rest time	72	68	69	82
Military leave	66	74	72	58
Sick leave	70	93	93	45
Personal leave	25	33	35	15
Lunch time	10	3	4	17
Insurance plans:				
Health	95	96	94	96
Noncontributory	54	52	45	61
Hospital/surgical [1]	94	94	94	95
Mental health care	94	94	94	94
Private duty nursing	89	92	91	87
Dental	67	71	68	65
Extended care facility	66	70	66	65
Home health care	63	67	66	58
Vision	38	37	39	38
Life	96	97	96	95
Noncontributory	87	87	87	86
Accident/sickness	49	28	35	69
Noncontributory	41	22	28	59
Long-term disability	48	68	60	30
Noncontributory	38	52	47	24
Retirement and savings plans:				
Defined benefit pension	76	78	78	74
Noncontributory	71	73	74	69
Retirement and savings plans—Con.				
Defined contribution	60	71	70	49
Savings and thrift	28	39	36	17
Employee stock ownership	30	32	32	27
Profit sharing	22	22	22	22
Additional benefits: [2]				
Parking	86	82	77	92
Educational assistance	76	86	84	68
Employee discounts	57	54	61	56
Travel accident insurance	52	72	63	36
In-house infirmary	46	47	38	50
Severance pay	45	61	57	31
Relocation allowance	43	82	41	24
Recreation facilities	33	37	31	32
Subsidized meals	21	28	26	16
Nonproduction bonuses, cash	20	22	20	19
Mean number of—				
Paid holidays	10.0	10.2	9.8	10.0
Paid vacation days after—				
1 year	8.8	10.1	9.6	7.5
3 years	10.5	11.0	10.5	10.2
5 years	12.7	13.5	13.0	12.0
10 years	15.8	16.5	16.0	15.3
15 years	18.5	19.0	18.9	17.9
20 years	20.6	21.2	20.7	20.3
25 years	22.2	22.7	22.5	21.7

[1] Includes physician visits in hospitals, diagnostic X-ray and lab, and auxiliary hospital services. [2] 1985 data.

Source: U.S. Bureau of Labor Statistics, *Employee Benefits In Medium And Large Firms, 1985* and *1986*, Bulletins 2262 and 2281.

No. 673. 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 employees	50–249 employees	250 employees or more	Private			Government
					Total	Goods [1]	Services [2]	
Total establishments (1,000)	**1,202**	**919**	**236**	**47**	**1,128**	**272**	**856**	**74**
Percent providing child-care benefits or services [3]	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	.3	2.0	9.4
Assisted with child-care expenses [4]	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 [5]	5.1	3.8	7.6	17.1	4.2	3.0	4.6	18.2
Other child-care benefits [6]	1.0	.7	1.6	2.9	.9	.6	1.0	2.3
Percent with varied work-schedule policies aiding child care [3]	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 [7]	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
Other leave or work-schedule policies	2.1	1.9	2.9	3.1	1.8	1.3	1.9	7.1
Percent with no child-care benefits or varied work schedule policies	36.8	36.7	38.1	32.5	36.6	46.4	33.5	39.6

[1] Mining, construction, and manufacturing. [2] Transportation, communications, public utilities; wholesale and retail trade; finance, insurance, and real estate; and services. [3] The individual categories will sum to more than 100 percent because many employers provide more than one benefit or policy. [4] Regular reimbursement of employees' child-care expenses as part of the *employee benefits package*. [5] A counselor, either a paid employee of the establishment or a contractor provided by the employer, who deals with family-related issues. [6] Can include such things as paying babysitting expenses for employees who work overtime, allowing employees to bring children to work, or organizing seminars and informational meetings on child care and parenting problems. [7] 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. 674. Effective Federal Minimum Hourly Wage Rates, 1950 to 1988, and Coverage in 1987

[Employee estimates as of **September 1987,** 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 WORKERS			Minimum rates for farm workers [4]	SEX, RACE, AND INDUSTRY	NONSUPERVISORY EMPLOYEES, 1987				
						Total (1,000)	Subject to minimum wage rates			
	Laws prior to 1966 [1]	Percent, avg. earnings [2]	1966 and later [3]				Total (1,000)	Percent of total	Prior to 1966 [6 7] (1,000)	1966 and later [3 7] (1,000)
Jan. 25, 1950	$.75	54	(X)	(X)	**Total**	86,886	76,023	87.5	48,405	27,618
Mar. 1, 1956	1.00	52	(X)	(X)						
Sept. 3, 1961	1.15	50	(X)	(X)	Male	45,070	39,312	87.2	26,577	12,735
Sept. 3, 1963	1.25	51	(X)	(X)	Female	41,816	36,711	87.8	21,828	14,883
Feb. 1, 1967	1.40	50	$1.00	$1.00	White	76,426	66,641	87.2	43,240	23,401
Feb. 1, 1968	1.60	54	1.15	1.15	Black and other	10,460	9,382	89.7	5,165	4,217
Feb. 1, 1969	(5)	51	1.30	1.30	Black only	9,523	8,543	89.7	4,712	3,831
Feb. 1, 1970	(5)	49	1.45	(5)						
Feb. 1, 1971	(5)	46	1.60	(5)	**Private industry**	76,390	65,527	85.8	48,405	17,122
					Agriculture [8]	1,670	642	38.4	-	642
May 1, 1974	2.00	46	1.90	1.60	Mining	664	660	99.4	660	-
Jan. 1, 1975	2.10	45	2.00	1.80	Construction	4,771	4,749	99.5	3,981	768
Jan. 1, 1976	2.30	46	2.20	2.00	Manufacturing	17,093	16,620	97.2	16,518	102
Jan. 1, 1977	(5)	42	2.30	2.20	Transp., public utilities	4,844	4,813	99.4	4,737	76
Jan. 1, 1978	2.65	44	2.65	2.65	Wholesale trade	5,007	3,993	79.7	3,744	249
Jan. 1, 1979	2.90	45	2.90	2.90	Retail trade	16,566	14,254	86.0	7,249	7,005
Jan. 1, 1980	3.10	44	3.10	3.10	Finance, insurance, real estate	5,693	4,309	75.8	4,140	169
Jan. 1, 1981	3.35	43	3.35	3.35	Service [9]	18,696	14,564	77.9	7,376	7,188
Mar. 1, 1988	(5)	33	(5)	(5)	Private households	1,396	923	66.1	-	923
					Government [9 10]	10,496	10,496	100.0	-	10,496

- Represents zero. X Not applicable. [1] 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. [2] Percent of gross average hourly earnings of production workers in manufacturing. [3] Applies to workers newly covered by Amendments of 1966, 1974, and 1977, and Title IX of Education Amendments of 1972. [4] Included in coverage as of 1966, 1974, and 1977 Amendments. [5] No change in rate. [6] 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. [7] Currently employed workers subject to provisions. [8] Estimates based on average employment for the ten-month active season. [9] Estimates for educational services in private industry and government relate to October. [10] 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. 675. Workers Paid Hourly Rates with Earnings at or Below the Minimum Wage, by Selected Characteristics: 1987

[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 [1] (1,000)				PERCENT DISTRIBUTION				PERCENT OF ALL WORKERS PAID HOURLY RATES		
	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		Total	At $3.35	Below $3.35	Total	At $3.35	Below $3.35
Total, 16 years and over [2]	59,552	4,697	3,229	1,468	100.0	100.0	100.0	100.0	7.9	5.4	2.5
16 to 24 years	15,725	2,688	1,958	730	26.4	57.2	60.6	49.7	17.1	12.5	4.6
16 to 19 years	5,954	1,706	1,272	434	10.0	36.3	39.4	29.6	28.7	21.4	7.3
25 years and over	43,827	2,009	1,271	738	73.6	42.8	39.4	50.3	4.6	2.9	1.7
Male, 16 years and over	30,474	1,647	1,283	364	51.2	35.1	39.7	24.8	5.4	4.2	1.2
16 to 24 years	8,140	1,115	910	205	13.7	23.7	28.2	14.0	13.7	11.2	2.5
16 to 19 years	2,982	738	611	127	5.0	15.7	18.9	8.7	24.7	20.5	4.3
25 years and over	22,335	531	373	158	37.5	11.3	11.6	10.8	2.4	1.7	.7
Women, 16 years and over	29,078	3,051	1,946	1,105	48.8	65.0	60.3	75.3	10.5	6.7	3.8
16 to 24 years	7,586	1,574	1,049	525	12.7	33.5	32.5	35.8	20.7	13.8	6.9
16 to 19 years	2,972	968	660	308	5.0	20.6	20.4	21.0	32.6	22.2	10.4
25 years and over	21,492	1,478	898	580	36.1	31.5	27.8	39.5	6.9	4.2	2.7
White	50,180	3,909	2,598	1,311	84.3	83.2	80.5	89.3	7.8	5.2	2.6
Black	7,667	670	547	123	12.9	14.3	16.9	8.4	8.7	7.1	1.6
Hispanic origin [3]	5,155	416	342	74	8.7	8.9	10.6	5.0	8.1	6.6	1.4
Full-time workers	44,462	1,594	1,089	505	74.7	33.9	33.7	34.4	3.6	2.4	1.1
Part-time workers [4]	15,090	3,103	2,140	963	25.3	66.1	66.3	65.6	20.6	14.2	6.4
Private sector	51,965	4,314	2,919	1,395	87.3	91.8	90.4	95.0	8.3	5.6	2.7
Goods-producing industries [5]	19,126	546	447	99	32.1	11.6	13.8	6.7	2.9	2.3	.5
Service-producing industries [6]	32,840	3,770	2,473	1,297	55.1	80.3	76.6	88.4	11.5	7.5	3.9
Retail trade	12,588	2,415	1,576	839	21.1	51.4	48.8	57.2	19.2	12.5	6.7
Services	12,960	1,194	768	426	21.8	25.4	23.8	29.0	9.2	5.9	3.3
Public sector	7,587	383	310	73	12.7	8.2	9.6	5.0	5.0	4.1	1.0

[1] Excludes the incorporated self-employed. [2] Includes races not shown separately. [3] Persons of Hispanic origin may be of any race. [4] Working fewer than 35 hours per week. [5] Includes agriculture, mining, construction, and manufacturing. [6] 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. 676. Major Collective Bargaining Agreements—Average Percent Effective Wage Adjustments: 1975 to 1987

[**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	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Total effective adjustments (prorated over all workers)	8.7	8.0	8.2	9.1	9.9	9.5	6.8	4.0	3.7	3.3	2.3	3.1
Source:												
Current settlements	2.8	3.0	2.0	3.0	3.6	2.5	1.7	.8	.8	.7	.5	.7
Prior agreements	3.7	3.2	3.7	3.0	3.5	3.8	3.6	2.5	2.0	1.8	1.7	1.8
COLA	2.2	1.7	2.4	3.1	2.8	3.2	1.4	.6	.9	.7	.2	.5
Industry:												
Manufacturing	8.5	8.4	8.6	9.6	10.2	9.4	5.2	2.7	4.3	2.8	1.5	3.4
Nonmanufacturing	8.9	7.6	7.9	8.8	9.7	9.5	7.9	4.8	3.3	3.6	2.9	2.9
Construction	8.1	6.5	6.5	7.1	9.9	11.2	9.7	4.4	2.9	3.0	3.0	3.1
Transportation and public utilities	9.7	8.5	8.2	11.2	10.8	8.6	7.1	4.4	3.0	3.6	2.7	2.7
Wholesale and retail trade	9.2	8.7	8.4	8.7	7.6	8.1	6.8	5.1	3.4	3.3	2.9	2.0
Services	6.4	6.7	8.8	7.0	8.1	9.6	7.8	7.0	4.9	5.1	3.7	3.8
Nonmanufacturing, excluding construction	9.3	8.1	8.5	9.5	9.6	8.8	7.1	5.0	3.4	3.7	2.9	2.8
Effective wage change for workers receiving change						9.6	7.2	4.7	4.4	4.1	2.8	3.6
Source:												
Current settlements						9.8	7.4	2.8	3.0	3.4	1.6	2.9
Prior agreements						5.3	6.3	5.9	4.0	3.7	3.9	3.3
COLA						6.1	3.1	2.1	2.7	2.2	1.0	2.6
Total number of workers receiving wage change (mil.)	(NA)	(NA)	(NA)	(NA)	(NA)	8.6	7.9	6.5	6.2	5.6	5.4	5.4
Source (mil.):												
Current settlements						2.3	1.9	2.3	1.9	1.4	1.9	1.6
Prior agreements						6.3	4.8	3.3	3.7	3.4	2.8	3.5
COLA						4.5	3.8	2.3	2.5	2.3	1.4	1.3
Number of workers not receiving a wage change (mil.)						.1	.5	1.2	1.1	1.4	1.2	1.0

NA Not available.

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments*, monthly.

No. 677. Major Collective Bargaining Settlements—Average Percent Adjustments in Wages and Compensation Negotiated: 1975 to 1987

[**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	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
Compensation:												
First year	11.4	9.6	8.3	9.0	10.4	10.2	3.2	3.4	3.6	2.6	1.1	3.0
Over life of contract [1]	8.1	6.2	6.3	6.6	7.1	8.3	2.8	3.0	2.8	2.7	1.6	2.6
Wage-rates:												
All industries:												
First year	10.2	7.8	7.6	7.4	9.5	9.8	3.8	2.6	2.4	2.3	1.2	2.2
Contracts with COLA	12.2	8.0	6.9	6.2	8.0	8.0	2.2	1.9	2.9	1.6	1.9	2.3
Contracts without COLA	9.1	7.6	8.0	9.1	11.7	10.6	7.0	3.3	2.1	2.7	.9	2.1
Over life of contract [1]	7.8	5.8	6.4	6.0	7.1	7.9	3.6	2.8	2.4	2.7	1.8	2.1
Contracts with COLA	7.1	5.0	5.3	4.6	5.0	5.5	2.1	2.0	1.8	2.5	1.7	1.5
Contracts without COLA	8.3	6.9	7.1	8.0	10.3	8.8	6.6	3.7	2.7	2.8	1.8	2.5
Manufacturing:												
First year	9.8	8.4	8.3	6.9	7.4	7.2	2.8	.4	2.3	.8	−1.2	2.1
Over life of contract [1]	8.0	5.5	6.6	5.4	5.4	6.1	2.6	2.1	1.5	1.8	.2	1.3
Nonmanufacturing:												
First year	10.4	7.4	7.4	8.0	10.9	11.2	4.8	3.8	2.5	3.3	2.0	2.3
Over life of contract [1]	7.8	6.0	6.4	6.8	8.3	8.8	4.7	3.2	2.9	3.3	2.3	2.7
Number of workers affected (mil.)	2.9	4.0	2.5	3.5	3.8	2.4	3.3	3.1	2.3	2.2	2.5	2.0
Manufacturing (mil.)	.8	1.6	.6	1.9	1.6	.8	1.7	1.1	.9	.9	.6	.8
Nonmanufacturing (mil.)	2.1	2.4	2.0	1.6	2.2	1.6	1.6	2.0	1.4	1.3	1.9	1.1

[1] Average annual rate of change.

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments*, monthly.

No. 678. Major Collective Bargaining Settlements—Selected Characteristics by Contract Duration: 1987

[**Number of workers in thousands.** For settlements reached in 1987 affecting 1,000 or more workers. For private nonfarm industry settlements affecting production and related workers in manufacturing and nonsupervisory workers in nonmanufacturing industries]

Characteristic	All contracts	Contract duration (months)						
		Less than 12	12	Between 12 and 24	24	Between 24 and 36	36	More than 36
Number of settlements	425	15	31	38	50	61	157	73
Number of workers	2,049	53	74	81	122	597	739	383
Average duration of settlement (months)	33.2	9.3	12.0	16.5	24.0	33.7	36.0	40.7
Percent wage adjustment in—								
First year of contract	2.2	1.1	.8	2.1	4.1	2.4	2.7	.8
Second year of contract [1]	1.9	(X)	(X)	.5	4.2	.6	3.2	1.2
Third year of contract [2]	1.9	(X)	(X)	(X)	(X)	.6	3.4	1.3
Over life of contract [3]	2.1	2.1	.8	1.8	4.1	1.3	3.1	1.1

X Not applicable. [1] For settlements with a duration of greater than 12 months. [2] For settlements with a duration of greater than 24 months. [3] Average annual percent adjustment.

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments*, March 1988.

No. 679. Work Stoppages: 1960 to 1987

[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 [1]	Workers involved [2] (1,000)	Days idle		Year	Number of work stoppages [1]	Workers involved [2] (1,000)	Days idle	
			Number [3] (1,000)	Percent estimated working time [4]				Number [3] (1,000)	Percent estimated working time [4]
1960	222	896	13,260	.09	1978	219	1,006	23,774	.11
1965	268	999	15,140	.10	1979	235	1,021	20,409	.09
1969	412	1,576	29,397	.16	1980	187	795	20,844	.09
1970	381	2,468	52,761	.29	1981	145	729	16,908	.07
1971	298	2,516	35,538	.19	1982	96	656	9,061	.04
1972	250	975	16,764	.09	1983	81	909	17,461	.08
1973	317	1,400	16,260	.08	1984	62	376	8,499	.04
1974	424	1,796	31,809	.16	1985	54	324	7,079	.03
1975	235	965	17,563	.09	1986	69	533	11,861	.05
1976	231	1,519	23,962	.12	1987	46	174	[5] 4,468	.02
1977	298	1,212	21,258	.10					

[1] Beginning in year indicated. [2] Workers counted more than once if involved in more than 1 stoppage during the year. [3] Resulting from all stoppages in effect in a year, including those that began in an earlier year. [4] Agricultural and government employees are included in the total working time; private household, forestry and fishery employees are excluded. [5] Revised since originally published.

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments*, monthly.

No. 680. Workers Killed or Disabled on the Job, 1960 to 1987, and by Industry Group, 1987

[1987 data are preliminary estimates. Estimates based on data from U.S. National Center for Health Statistics, State departments of health, and State industrial commissions. Numbers of workers based on data from U.S. Bureau of Labor Statistics]

Year	Deaths						Disabling injuries [2] (1,000)	Year and industry group	Deaths		Disabling injuries [2] (1,000)
	Total		Manufacturing		Nonmanufacturing				Number (1,000)	Rate [1]	
	Number (1,000)	Rate [1]	Number (1,000)	Rate [1]	Number (1,000)	Rate [1]					
1960	13.8	21	1.8	10	12.1	25	1,950	**1987, total**	**11.1**	**10**	**1,800**
1965	14.1	20	1.8	10	12.3	24	2,100	Agriculture [3]	1.6	49	160
1970	13.8	18	1.7	9	12.1	21	2,200	Mining and quarrying	.3	38	30
1975	13.0	15	1.6	9	11.4	17	2,200	Construction	2.2	35	190
1980	13.2	13	1.7	8	11.5	15	2,200	Manufacturing	1.1	6	300
1984	11.5	11	1.1	6	10.4	12	1,900	Transportation and utilities	1.5	28	150
1985	11.5	11	1.2	6	10.3	12	2,000	Trade [4]	1.3	5	360
1986	11.2	10	1.1	6	10.1	11	1,800	Service [5]	1.8	5	390
1987	11.1	10	1.1	6	10.0	11	1,800	Government	1.3	8	220

[1] Per 100,000 workers. [2] 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. [3] Includes forestry and fishing. [4] Includes wholesale and retail trade. [5] Includes finance, insurance and real estate.

Source: National Safety Council, Chicago, IL, *Accident Facts*, annual. (Copyright.)

NO. 681. OCCUPATIONAL INJURY AND ILLNESS INCIDENCE RATES, SELECTED INDUSTRIES: 1980 TO 1986

[**Rates per 100 full-time employees.** For nonfarm employment data, see table 657. 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*]

SIC [1] code	INDUSTRY	TOTAL CASES [2]			LOST WORKDAY CASES			NONFATAL CASES, NO LOST WORKDAYS			LOST WORKDAYS	
		1980	1985	1986	1980	1985	1986	1980	1985	1986	1985	1986
(X)	**Private sector** [3]	8.7	7.9	7.9	4.0	3.6	3.6	4.7	4.3	4.3	64.9	65.8
A	**Agriculture, forestry, fishing** [3]	11.9	11.4	11.2	5.8	5.7	5.6	6.1	5.6	5.6	91.3	93.6
B	**Mining**	11.2	8.4	7.4	6.5	4.8	4.1	4.6	3.6	3.2	145.3	125.9
10	Metal mining	8.9	6.1	6.3	5.5	3.3	3.6	3.4	2.7	2.7	113.5	88.9
11	*Anthracite mining*	13.8	8.7	8.3	8.5	7.0	6.9	5.2	1.5	1.3	445.8	272.3
12	Bituminous coal and lignite	10.1	6.6	8.0	8.3	5.1	5.8	1.8	1.5	2.1	199.2	172.8
13	Oil and gas extraction	13.4	10.1	8.1	6.7	5.3	3.9	6.6	4.8	4.2	143.8	129.8
14	Nonmetallic minerals, exc. fuels	5.4	3.9	4.5	3.6	2.6	3.0	1.8	1.3	1.4	87.3	63.6
C	**Construction**	15.7	16.2	15.2	6.5	6.8	6.9	9.1	9.4	8.3	128.9	134.5
15	General building contractors	15.5	15.2	14.9	6.5	6.8	6.6	9.0	8.4	8.2	120.4	122.7
16	Heavy construction contractors	16.3	14.5	14.7	6.3	6.3	6.3	9.9	8.1	8.3	127.3	132.9
17	Special trade contractors	15.5	15.4	15.6	6.7	7.0	7.2	8.8	8.4	8.4	133.3	140.4
D	**Manufacturing**	12.2	10.4	10.6	5.4	4.6	4.7	6.8	5.8	5.9	80.2	85.2
(X)	Durable goods	12.9	10.9	11.0	5.6	4.7	4.8	7.3	6.2	6.2	82.0	87.1
24	Lumber and wood products	18.6	18.5	18.9	9.5	9.3	9.7	9.1	9.2	9.2	171.4	177.2
25	Furniture *and fixtures*	16.0	15.0	15.2	6.6	6.3	6.3	9.4	8.7	9.0	100.4	103.0
32	Stone, clay, and glass products	15.0	13.9	13.6	7.1	6.7	6.5	7.9	7.2	7.1	127.8	126.0
33	Primary metal industries	15.2	12.6	13.6	7.1	5.7	6.1	8.1	6.8	7.5	113.8	125.5
34	*Fabricated metal products*	18.5	16.3	16.0	8.0	6.9	6.8	10.5	9.4	9.2	110.1	115.5
35	Machinery, *exc. electric*	13.7	10.8	10.7	5.5	4.2	4.2	8.2	6.6	6.5	69.3	72.0
36	Electric and electronic equipment	8.0	6.4	6.4	3.3	2.7	2.7	4.7	3.7	3.6	45.7	49.8
37	Transportation equipment	10.6	9.0	9.6	4.9	3.9	4.1	5.7	5.0	5.4	71.6	79.1
38	Instruments *and related products*	6.8	5.2	5.3	2.7	2.2	2.3	4.1	3.0	2.9	37.9	42.2
39	Miscellaneous	10.9	9.7	10.2	4.3	4.2	4.3	6.5	5.6	5.9	73.2	70.9
(X)	Nondurable goods	11.1	9.6	10.0	5.0	4.4	4.6	6.1	5.2	5.5	77.6	82.3
20	Food and kindred products	18.7	16.7	16.5	9.0	8.1	8.0	9.7	8.6	8.5	138.0	137.8
21	Tobacco *manufactures*	8.1	7.3	6.7	3.8	3.0	2.5	4.3	4.3	4.1	51.7	45.6
22	Textile mill products	9.1	7.5	7.8	3.3	3.0	3.1	5.8	4.5	4.8	57.4	59.3
23	Apparel and other textile products	6.4	6.7	6.7	2.2	2.6	2.7	4.2	4.1	4.0	44.1	49.4
26	Paper and allied products	12.7	10.2	10.5	5.8	4.7	4.7	6.9	5.5	5.8	94.6	99.5
27	Printing and *publishing*	6.9	6.3	6.5	3.1	2.9	2.9	3.8	3.5	3.6	49.2	50.8
28	Chemicals and allied *products*	6.8	5.1	6.3	3.1	2.3	2.7	3.7	2.8	3.5	38.8	49.4
29	Petroleum and coal products	7.2	5.1	7.1	3.5	2.4	3.2	3.7	2.7	3.9	49.9	67.5
30	Rubber and misc. plastics products	15.5	13.4	14.0	7.4	6.3	6.6	8.1	7.1	7.4	107.4	116.2
31	Leather and leather products	11.7	10.3	10.5	5.0	4.6	4.8	6.7	5.7	5.7	88.3	83.4
E	**Transportation, public utilities**	9.4	8.6	8.2	5.5	5.0	4.8	3.8	3.6	3.4	107.1	102.1
40	Railroad transportation	11.1	8.4	6.8	7.2	5.8	4.6	3.8	2.6	1.9	92.0	75.1
41	Local passenger transit [4]	9.5	9.4	9.3	5.2	5.4	5.7	4.3	3.9	3.6	120.7	138.8
42	Trucking and warehousing	14.9	13.9	13.1	9.0	8.5	8.0	5.9	5.4	5.1	210.1	191.6
44	Water *transportation*	14.2	13.0	12.7	8.4	7.2	7.3	5.7	5.6	5.3	249.1	264.3
45	Air transportation	13.3	13.1	13.0	8.2	7.4	7.8	5.1	5.7	5.2	116.3	117.4
46	Pipelines, except natural gas	5.2	3.7	4.5	1.7	1.6	1.2	3.5	2.1	3.2	45.8	34.6
47	*Transportation services*	4.7	3.9	3.8	2.5	2.2	2.1	2.2	1.7	1.6	42.6	34.3
48	Communication	2.8	2.9	2.7	1.6	1.6	1.4	1.2	1.3	1.3	24.2	23.8
49	Electric, gas, sanitary services	8.6	6.9	6.8	4.3	3.4	3.4	4.2	3.5	3.4	62.4	61.1
F, G	**Wholesale and retail trade**	7.4	7.4	7.7	3.2	3.2	3.3	4.2	4.2	4.3	50.7	54.0
F	*Wholesale trade*	8.2	7.2	7.2	3.9	3.5	3.6	4.3	3.6	3.6	59.8	62.5
G	Retail trade	7.1	7.5	7.8	2.9	3.1	3.2	4.2	4.4	4.6	47.0	50.5
H	**Finance, insurance, real estate** [5]	2.0	2.0	2.0	.8	.9	.9	1.1	1.1	1.1	15.4	17.1
60	Banking	1.5	1.6	1.6	.6	.7	.6	.9	1.0	.9	10.7	10.7
62	Security, commodity brokers	.8	.6	.7	.3	.3	.2	.5	.4	.5	4.0	3.9
63	*Insurance* carriers	1.7	1.8	1.9	.7	.8	.9	1.0	1.0	1.1	18.0	17.8
64	Insurance agents, brokers, and service	.8	.7	.8	.3	.3	.3	.5	.4	.5	5.2	8.1
65	*Real estate*	4.4	4.2	4.8	2.2	2.1	2.3	2.2	2.1	2.5	34.6	42.3
I	**Services** [6]	5.2	5.4	5.3	2.3	2.6	2.5	2.9	2.8	2.7	45.4	43.0
70	Hotels and other lodgings	8.9	10.0	10.0	3.7	4.3	4.3	5.2	5.8	5.7	64.1	73.0
72	Personal services	2.9	2.9	3.2	1.3	1.5	1.6	1.6	1.5	1.6	28.4	27.8
73	Business services	4.4	4.7	4.9	2.1	2.2	2.2	2.3	2.5	2.7	46.6	39.2
75	Auto repair, services, and garages	7.5	6.5	6.8	3.3	3.2	3.2	4.2	3.3	3.6	51.5	54.7
76	Miscellaneous repair services	8.8	7.9	7.0	4.2	4.0	3.4	4.6	3.9	3.5	69.4	69.4
78	Motion pictures	4.7	4.1	4.2	1.8	1.6	1.4	3.1	2.6	2.8	31.7	27.0
79	Amusement, recreation *services*	9.2	8.2	8.9	3.8	3.5	4.2	5.4	4.6	4.8	51.2	56.6
80	Health services	6.4	7.1	6.6	3.1	3.6	3.5	3.3	3.5	3.1	63.2	60.2
81	Legal services	.4	.6	.5	.2	.3	.2	.2	.3	.2	7.3	5.0
82	Educational services	3.3	3.4	3.3	1.4	1.4	1.4	1.9	2.0	1.9	22.6	22.1
83	Social services	5.1	6.0	5.4	2.2	2.6	2.5	2.9	3.3	2.9	45.0	40.6
84	Museums, botanical, zoological gardens	7.5	6.0	7.1	3.3	2.7	3.0	4.1	3.3	4.1	39.3	39.6
86	Membership organizations	3.4	(NA)	(NA)	1.0	(NA)	(NA)	2.4	(NA)	(NA)	(NA)	(NA)
89	Miscellaneous services	1.6	1.7	1.6	.7	.7	.7	.9	1.0	.9	8.3	10.4

NA Not available. X Not applicable. [1] Standard Industrial Classification; *see text, section 13.* [2] *"Cases"* represents occurrences. Includes *fatalities for all employers.* [3] Excludes farms with fewer than 11 employees. [4] Includes interurban. [5] Includes categories not shown *separately.*

Source: U.S. Bureau of Labor Statistics, *Occupational Injuries and Illnesses in the United States by Industry,* annual.

No. 682. U.S. Membership in AFL-CIO Affiliated Unions, by Selected Union: 1975 to 1987

[**In thousands.** Figures represent the labor organizations as constituted in 1987 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 organization	1975	1979	1985	1987
Total [1]	**14,070**	**13,621**	**11,250**	**12,692**
Automobile, Aerospace and Agriculture (UAW)	(x)	(x)	974	998
Bakery, Confectionery and Tobacco [2]	149	131	115	109
Boiler Makers, Iron Shipbuilders [2]	123	129	110	90
Bricklayers	143	106	95	84
Carpenters [2]	712	629	609	609
Clothing and Textile Workers (ACTWU) [2]	377	308	228	195
Communication Workers (CWA)	476	485	524	515
Electrical Workers (IBEW)	856	825	791	765
Electronic, Electrical and Technical [2]	255	243	198	185
Operating Engineers	300	313	330	330
Firefighters	123	150	142	142
Food and Commercial Workers (UFCW) [2]	1,150	1,123	989	1,000
Garment Workers (ILGWU)	363	314	210	173
Government, American Federation (AFGE)	255	236	199	157
Graphic Communications [2]	198	171	141	136
Hotel Employees and Restaurant Employees	421	373	327	293
Ironworkers	160	146	140	122
Laborers	475	475	383	371
Letter Carriers (NALC)	151	151	186	200
Machinists and Aerospace (IAM)	780	664	520	509
Musicians	215	206	67	60
Oil, Chemical, Atomic Workers (OCAW)	145	146	108	96
Painters	160	160	133	128
Paperworkers Int'l	275	262	232	221
Plumbing and Pipefitting	228	228	226	220
Postal Workers	249	245	232	230
Retail, Wholesale Department Store [2]	120	122	106	140
Rubber, Cork, Linoleum, Plastic	173	158	106	97
Service Employees (SEIU) [2]	490	537	688	762
State, County, Municipal (AFSCME)	647	889	997	1,092
Steelworkers	1,062	964	572	494
Teachers (AFT)	396	423	470	499
Transport Workers	95	85	85	85

X Not applicable. [1] Includes other AFL-CIO affiliated unions, not shown separately. [2] Figures reflect mergers with one or more unions since 1975. For details see source.

Source: American Federation of Labor and Congress of Industrial Organizations, Washington, DC, *Report of the AFL-CIO Executive Council*, annual.

No. 683. U.S. Union Membership, by State: 1975 to 1982

[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 text, section 13 and 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]

State	Total (1,000)			Percent of employed [1]		
	1975	1980	1982	1975	1980	1982
U.S. [2]	**22,207**	**20,968**	**19,571**	**26.9**	**23.2**	**21.9**
AL [3]	275	245	239	23.9	18.1	18.2
AK	67	56	59	41.2	33.1	30.4
AZ [3]	152	152	132	20.9	14.9	12.8
AR [3]	114	107	95	18.4	14.5	13.2
CA	2,694	2,693	2,495	34.5	27.3	25.4
CO	224	236	236	23.6	18.9	18.0
CT	338	267	269	27.7	18.7	18.9
DE	58	58	53	25.8	22.3	20.3
DC	191	216	199	33.0	35.1	33.4
FL [3]	427	348	359	15.6	9.7	9.6
GA [3]	249	282	279	14.4	13.1	12.7
HI	117	129	126	34.3	31.8	31.5
ID	52	56	50	19.4	17.1	16.1
IL	1,553	1,431	1,261	35.1	29.5	27.5
IN	610	627	505	31.6	29.5	25.1
IA [3]	232	238	211	23.4	21.4	20.5
KS [4]	128	121	110	16.0	12.8	12.0
KY	257	251	237	24.6	20.7	20.4
LA [5]	237	235	223	19.8	14.9	13.8
ME	74	87	76	20.7	20.7	18.5
MD	391	314	311	27.5	18.3	18.6
MA	565	515	517	24.3	19.4	19.7
MI	1,319	1,212	1,076	42.2	35.2	33.7
MN	426	431	419	29.0	24.3	24.5
MS [3]	84	78	74	12.6	9.5	9.3
MO	575	568	510	33.4	28.8	26.6
MT	76	70	59	31.8	25.0	21.7
NE [3]	107	104	98	19.3	16.6	16.3
NV [3]	99	103	90	37.4	25.8	22.1
NH	50	49	48	16.9	12.7	12.3
NJ	758	684	613	28.4	22.3	19.9
NM	62	59	61	17.0	12.6	12.8
NY	2,937	2,628	2,589	43.2	36.5	35.8
NC [3]	220	210	208	11.0	8.8	8.9
ND [3]	39	39	36	19.4	15.7	14.2
OH	1,449	1,312	1,132	36.1	30.0	27.4
OK	173	172	160	19.5	15.1	12.9
OR	282	289	264	33.9	27.6	27.5
PA	1,514	1,370	1,230	34.3	28.8	27.0
RI	90	76	76	26.3	19.1	19.4
SC [3]	66	73	68	6.8	6.2	5.8
SD [3]	28	25	24	13.3	10.7	10.3
TN [3]	324	305	292	21.7	17.5	17.3
TX [3]	705	755	782	18.0	12.9	12.5
UT [3]	99	99	94	22.4	18.0	16.8
VT	26	25	24	16.3	12.3	11.9
VA [3]	253	229	232	14.4	10.6	10.9
WA	540	543	517	44.7	33.8	32.9
WV	208	184	176	37.1	28.5	28.9
WI	527	492	457	31.5	25.4	24.5
WY [3]	33	37	34	22.6	17.5	15.6

[1] Nonagriculture employed. [2] Includes Canal Zone, Guam, Puerto Rico and Virgin Islands not shown separately. [3] Right-to-work State. [4] Right-to-work State for 1975 and 1980. [5] Right-to-work State beginning 1980.

Source: Industrial Relations Data and Information Services, West Orange, NJ, *U.S. Union Sourcebook*. (Copyright.)

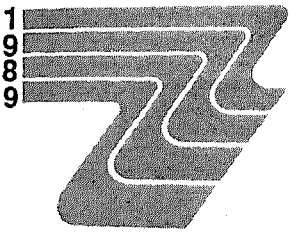
No. 684. Union Members, by Selected Characteristics: 1983 and 1987

[**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 [3] (dol.)							
	Total (1,000)		Union members [1] (1,000)		Represented by unions [2] (1,000)		Percent union members		Percent represented by union		Total		Union members [1]		Represented by unions [2]		Not represented by unions	
	1983	1987	1983	1987	1983	1987	1983	1987	1983	1987	1983	1987	1983	1987	1983	1987	1983	1987
Total	**88,290**	**99,303**	**17,717**	**16,913**	**20,532**	**19,051**	**20.1**	**17.0**	**23.3**	**19.2**	**313**	**373**	**388**	**465**	**383**	**459**	**288**	**342**
16–24 years	19,305	19,553	1,749	1,299	2,145	1,538	9.1	6.6	11.1	7.9	210	242	281	318	275	312	203	235
25–34 years	25,978	30,197	5,097	4,752	5,990	5,436	19.6	15.7	23.1	18.0	321	373	382	436	376	430	304	354
35–44 years	18,722	23,443	4,648	5,080	5,362	5,664	24.8	21.7	28.6	24.2	369	435	411	493	407	490	339	409
45–54 years	13,150	14,718	3,554	3,442	4,014	3,821	27.0	23.4	30.5	26.0	366	429	404	492	402	492	335	400
55–64 years	9,201	9,349	2,474	2,142	2,788	2,367	26.9	22.9	30.3	25.3	346	405	392	462	390	463	316	381
65 years and over	1,934	2,042	196	198	234	224	10.1	9.7	12.1	11.0	260	310	338	404	330	406	238	283
Men	47,856	52,938	11,809	11,071	13,270	12,144	24.7	20.9	27.7	22.9	378	433	416	494	414	493	349	406
Women	40,433	46,365	5,908	5,842	7,262	6,907	14.6	12.6	18.0	14.9	252	303	309	388	307	385	237	288
White	**77,046**	**85,525**	**14,844**	**13,972**	**17,182**	**15,712**	**19.3**	**16.3**	**22.3**	**18.4**	**319**	**383**	**396**	**477**	**391**	**474**	**295**	**355**
Men	42,168	46,079	10,134	9,407	11,364	10,288	24.0	20.4	26.9	22.3	387	450	423	501	421	500	362	419
Women	34,877	39,446	4,710	4,565	5,818	5,424	13.5	11.6	16.7	13.8	254	307	314	394	313	392	240	293
Black	**8,979**	**10,838**	**2,440**	**2,445**	**2,850**	**2,769**	**27.2**	**22.6**	**31.7**	**25.5**	**261**	**301**	**331**	**399**	**324**	**395**	**222**	**268**
Men	4,477	5,329	1,420	1,381	1,615	1,531	31.7	25.9	36.1	28.7	293	326	366	423	360	420	244	288
Women	4,502	5,509	1,020	1,065	1,235	1,238	22.7	19.3	27.4	22.5	231	275	292	357	287	355	209	251
Hispanic [4]	(NA)	**7,215**	(NA)	**1,234**	(NA)	**1,371**	(NA)	**17.1**	(NA)	**19.0**	(NA)	**284**	(NA)	**395**	(NA)	**392**	(NA)	**261**
Men	(NA)	4,315	(NA)	859	(NA)	938	(NA)	19.9	(NA)	21.7	(NA)	306	(NA)	418	(NA)	417	(NA)	276
Women	(NA)	2,900	(NA)	374	(NA)	434	(NA)	12.9	(NA)	15.0	(NA)	251	(NA)	311	(NA)	311	(NA)	239
Full-time workers	70,976	80,836	16,271	15,670	18,745	17,567	22.9	19.4	26.4	21.7	313	373	388	465	383	459	288	342
Part-time workers	17,314	18,467	1,446	1,243	1,787	1,484	8.4	6.7	10.3	8.0	(X)	(X)	(X)	(X)	(X)	(X)	(X)	(X)
Managerial and professional specialty	19,657	23,378	3,354	3,512	4,307	4,286	17.1	15.0	21.9	18.3	437	522	423	521	421	519	446	523
Technical sales, and admin. support	28,024	31,801	3,377	3,265	4,199	3,868	12.1	10.3	15.0	12.2	281	332	350	413	341	407	270	319
Service occupations	12,875	13,876	1,971	1,953	2,306	2,187	15.3	14.1	17.9	15.8	205	234	305	375	299	370	182	209
Precision, production, craft, and repair	10,542	11,567	3,466	3,132	3,760	3,364	32.9	27.1	35.7	29.1	377	419	456	521	450	517	322	378
Operators, fabricators, and laborers	15,416	16,920	5,452	4,956	5,839	5,234	35.4	29.3	37.9	30.9	275	308	366	420	361	416	226	268
Farming, forestry, and fishing	1,775	1,763	98	96	122	113	5.5	5.4	6.9	6.4	196	217	292	373	287	369	189	210
Agricultural wage and salary workers	1,446	1,469	49	33	55	37	3.4	2.2	3.8	2.5	198	219	(B)	(B)	(B)	(B)	195	217
Private nonagri. wage and salary workers	71,225	80,993	11,933	10,826	13,369	11,850	16.8	13.4	18.8	14.6	307	362	389	458	385	452	286	339
Mining	869	782	180	143	201	153	20.7	18.3	23.1	19.5	481	514	470	532	470	528	488	506
Construction	4,109	5,052	1,131	1,060	1,207	1,123	27.5	21.0	29.4	22.2	348	397	518	594	510	585	296	351
Manufacturing	19,066	20,235	5,303	4,691	5,812	5,008	27.8	23.2	30.5	24.7	335	389	370	426	368	424	315	370
Transportation and public utilities	5,142	5,819	2,182	1,947	2,376	2,106	42.4	33.5	46.2	36.2	417	482	449	519	445	516	386	432
Wholesale and retail trade, total	18,081	20,401	1,568	1,440	1,775	1,572	8.7	7.1	9.8	7.7	252	292	353	397	348	394	242	285
Finance, insurance, and real estate	5,559	6,738	160	158	228	217	2.9	2.3	4.1	3.2	296	373	284	363	285	369	297	373
Services	18,400	21,965	1,410	1,387	1,770	1,673	7.7	6.3	9.6	7.6	272	327	303	375	303	375	268	322
Government	15,618	16,841	5,735	6,055	7,109	7,164	36.7	36.0	45.5	42.5	351	424	386	475	381	470	316	388

B Data not shown where base is less than 50,000. NA Not available. X Not applicable. [1] Members of a labor union or an employee association similar to a labor union. [2] Members of a labor union or an employee association similar to a union as well as workers who report no union affiliation but whose jobs are covered by a union or an employee association contract. [3] For full-time employed wage and salary workers; 1983 revised since originally published. [4] Hispanic persons may be of any race.

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



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 689.

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.

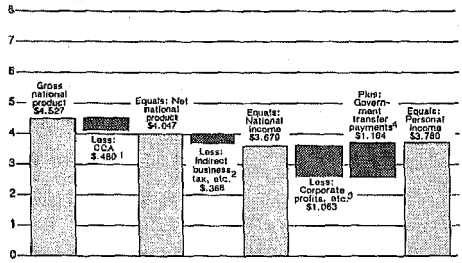
Capital consumption adjustment for corporations, nonfarm sole proprietorships, and partnerships is the difference between capital consumption claimed on income tax returns and capital consumption allowances that are measured at straightline depreciation, consistent service lives, and replacement cost. 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 nonin-

sured 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 mainly by government.

Figure 14.1
Relation of GNP, National Income, and Personal Income: 1987
Trillions of dollars



1 Capital consumption allowance.
2 Also-less nontax liability; plus subsidies less current surplus of government enterprises.
3 Also less: net interest and contributions for social insurance.
4 Also less: Personal interest and personal dividend income, and business transfer payments
Source: Chart prepared by U.S. Bureau of the Census. For data see table 689.

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. urban 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 85 urban areas of the country that are representative of the U.S. urban 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.

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, enumerators interview representative 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.

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 on page 420 shows

the average thresholds used for selected years between 1970 and 1987. See *Current Population Reports,* series P-60, Nos. 138, 149, 152, 157, and 160 for more details.

WEIGHTED AVERAGE POVERTY LEVELS BASED ON MONEY INCOME FOR FAMILIES AND UNRELATED INDIVIDUALS: 1970 TO 1987

SIZE OF UNIT	1970 [1]	1975 [1]	1980 [1]	1981	1982	1983	1984	1985	1986	1987
1 person (unrelated individual)	$1,954	$2,724	$4,190	$4,620	$4,901	$5,061	$5,278	$5,469	$5,572	$5,778
Under 65 years	2,010	2,797	4,290	4,729	5,019	5,180	5,400	5,593	5,701	5,909
65 years and over	1,861	2,581	3,949	4,359	4,626	4,775	4,979	5,156	5,255	5,447
2 persons	2,525	3,506	5,363	5,917	6,281	6,463	6,762	6,998	7,138	7,397
Householder under 65 years	2,604	3,617	5,537	6,111	6,487	6,697	6,983	7,231	7,372	7,641
Householder 65 years and over	2,348	3,257	4,983	5,498	5,836	6,023	6,282	6,503	6,630	6,872
3 persons	3,099	4,293	6,565	7,250	7,693	7,938	8,277	8,573	8,737	9,056
4 persons	3,968	5,500	8,414	9,287	9,862	10,178	10,609	10,989	11,203	11,611
5 persons	4,680	6,499	9,966	11,007	11,684	12,049	12,566	13,007	13,259	13,737
6 persons	5,260	7,316	11,289	12,449	13,207	13,630	14,207	14,696	14,986	15,509
7 or more persons	6,488	9,022	13,955	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
7 persons	(NA)	(NA)	(NA)	14,110	15,036	15,500	16,096	16,656	17,049	17,649
8 persons	(NA)	(NA)	(NA)	15,655	16,719	17,170	17,961	18,512	18,791	19,515
9 or more persons	(NA)	(NA)	(NA)	18,572	19,698	20,310	21,247	22,083	22,497	23,105

NA Not available. [1] Poverty levels for nonfarm families.

Source: U.S. Bureau of the Census, *Current Population Reports,* series P-60, No. 161.

The poverty statistics generated by the Congressional Budget Office in table 741 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.

ADJUSTED POVERTY THRESHOLDS, WEIGHTED AVERAGE BY FAMILY SIZE: 1970 TO 1986

[Adjustments for inflation using the CPI-X1 have been made]

SIZE OF UNIT	1970	1975	1980	1981	1982	1983	1984	1985	1986
1 person (unrelated individual)	1,908	2,612	3,843	4,204	4,458	4,604	4,801	4,974	5,068
Under 65 years	1,963	2,682	3,935	4,304	4,566	4,713	4,912	5,088	5,186
65 years and over	1,818	2,475	3,623	3,967	4,208	4,345	4,529	4,690	4,780
2 persons	2,466	3,362	4,920	5,385	5,714	5,899	6,151	6,366	6,493
Householder under 65 years	2,544	3,469	5,079	5,561	5,901	6,093	6,352	6,578	6,706
Householder 65 years and over	2,293	3,124	4,571	5,004	5,309	5,480	5,715	5,916	6,031
3 persons	3,027	4,117	6,022	6,598	6,998	7,222	7,529	7,799	7,948
4 persons	3,876	5,275	7,719	8,452	8,972	9,260	9,651	9,997	10,191
5 persons	4,571	6,233	9,142	10,017	10,629	10,963	11,431	11,832	12,061
6 persons	5,138	7,016	10,338	11,329	12,015	12,401	12,924	13,369	13,633
7 or more persons	6,318	8,653	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
7 persons	(NA)	(NA)	11,706	12,841	13,679	14,103	14,642	15,152	15,509
8 persons	(NA)	(NA)	13,025	14,247	15,210	15,622	16,339	16,840	17,094
9 or more persons	(NA)	(NA)	15,499	16,902	17,920	18,479	19,328	20,089	20,465

NA Not available.

Source: Congressional Budget Office, *Trends in Family Income: 1970-1986,* February 1988.

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. 685. GNP in Current and Constant (1982) Dollars: 1929 to 1987

[In billions of dollars]

ITEM	1929	1935	1940	1945	1950	1955	1960	1965	1970
CURRENT DOLLARS									
Gross national product (GNP)	103.9	72.8	100.4	213.4	288.3	405.9	515.3	705.1	1,015.5
Personal consumption expenditures	77.3	55.8	71.0	119.6	192.1	257.9	330.7	440.7	640.0
Durable goods	9.2	5.1	7.8	8.0	30.8	38.9	43.5	63.5	85.7
Nondurable goods	37.7	29.3	37.0	71.9	98.2	124.7	153.2	191.9	270.3
Services	30.4	21.3	26.2	39.7	63.2	94.3	134.0	185.4	284.0
Gross private domestic investment	16.7	6.6	13.4	11.3	55.1	69.7	78.2	116.2	148.8
Fixed investment	14.9	5.6	11.2	12.3	48.3	64.0	75.1	106.2	145.7
Nonresidential	11.0	4.3	7.7	10.6	27.8	39.0	48.8	73.1	105.2
Residential	4.0	1.3	3.5	1.7	20.5	25.0	26.3	33.1	40.5
Change in business inventories	1.7	1.1	2.2	-1.0	6.8	5.7	3.1	9.9	3.1
Net exports of goods and services	1.1	.1	1.8	-.5	2.2	3.0	5.9	9.7	8.5
Exports	7.1	3.3	5.4	7.4	14.5	21.1	29.9	42.9	68.9
Imports	5.9	3.2	3.7	7.9	12.3	18.1	24.0	33.2	60.5
Government purchases [1]	8.9	10.2	14.2	83.0	38.8	75.3	100.6	138.6	218.2
Federal	1.5	3.1	6.1	74.8	19.1	44.9	54.4	68.7	98.8
National defense	(NA)	(NA)	2.3	73.7	14.3	39.0	45.3	51.0	76.8
State and local	7.4	7.2	8.1	8.2	19.8	30.3	46.1	69.9	119.4
CONSTANT (1982) DOLLARS									
Gross national product (GNP)	709.6	580.2	772.9	1,354.8	1,203.7	1,494.9	1,665.3	2,087.6	2,416.2
Personal consumption expenditures	471.4	412.1	502.6	592.7	733.2	873.8	1,005.1	1,236.4	1,492.0
Durable goods	40.3	28.9	40.6	28.7	80.7	96.9	98.0	134.6	162.5
Nondurable goods	211.4	201.5	259.4	323.5	352.8	413.2	463.3	543.2	632.5
Services	219.7	181.7	202.7	240.5	299.8	363.6	443.9	558.5	697.0
Gross private domestic investment	139.2	60.9	111.8	76.5	234.9	259.8	260.5	367.0	381.5
Fixed investment	128.4	54.7	97.4	84.9	210.8	243.5	252.7	341.8	373.3
Nonresidential	93.0	40.0	65.0	74.2	124.0	151.0	159.4	227.6	264.0
Residential	35.4	14.7	32.5	10.7	86.7	92.4	93.3	114.2	109.3
Change in business inventories	10.8	6.2	14.4	-8.4	24.2	16.3	7.7	25.2	8.2
Net exports of goods and services	4.7	-5.9	8.2	-18.9	4.7	-	-4.0	-2.7	-30.0
Exports	42.1	26.6	40.0	35.2	59.2	76.9	98.4	132.0	178.3
Imports	37.4	32.5	31.7	54.1	54.6	76.9	102.4	134.7	208.3
Government purchases [1]	94.2	113.0	150.2	704.5	230.8	361.3	403.7	487.0	572.6
Federal	18.3	34.1	63.6	634.0	116.7	217.9	220.6	244.4	268.3
National defense	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
State and local	75.9	79.0	86.6	70.5	114.2	143.4	183.1	242.5	304.3

ITEM	1975	1980	1981	1982	1983	1984	1985	1986	1987
CURRENT DOLLARS									
Gross national product (GNP)	1,598.4	2,732.0	3,052.6	3,166.0	3,405.7	3,772.2	4,014.9	4,240.3	4,526.7
Personal consumption expenditures	1,012.8	1,732.6	1,915.1	2,050.7	2,234.5	2,430.5	2,629.0	2,807.5	3,012.1
Durable goods	135.4	219.3	239.9	252.7	289.1	335.5	372.2	406.5	421.9
Nondurable goods	416.2	681.4	740.6	771.0	816.7	867.3	911.2	943.6	997.9
Services	461.2	831.9	934.7	1,027.0	1,128.7	1,227.6	1,345.6	1,457.3	1,592.3
Gross private domestic investment	219.6	437.0	515.5	447.3	502.3	664.8	643.1	665.9	712.9
Fixed investment	225.2	445.3	491.5	471.8	509.4	597.1	631.8	650.4	673.7
Nonresidential	162.9	322.8	369.2	366.7	356.9	416.0	442.9	433.9	446.8
Residential	62.3	122.5	122.3	105.1	152.5	181.1	188.8	216.6	226.9
Change in business inventories	-5.6	-8.3	24.0	-24.5	-7.1	67.7	11.3	15.5	39.2
Net exports of goods and services	31.1	32.1	33.9	26.3	-6.1	-58.9	-78.0	-104.4	-123.0
Exports	161.3	351.0	382.8	361.9	352.5	383.5	370.9	378.4	428.0
Imports	130.3	318.9	348.9	335.6	358.7	442.4	448.9	482.8	551.1
Government purchases [1]	335.0	530.3	588.1	641.7	675.0	735.9	820.8	871.2	924.7
Federal	129.2	208.1	242.2	272.7	283.5	310.5	355.2	366.2	382.0
National defense	89.6	142.7	167.5	193.8	214.4	234.3	259.1	277.5	295.3
State and local	205.9	322.2	345.9	369.0	391.5	425.3	465.6	505.0	542.8
CONSTANT (1982) DOLLARS									
Gross national product (GNP)	2,695.0	3,187.1	3,248.8	3,166.0	3,279.1	3,501.4	3,618.7	3,721.7	3,847.0
Personal consumption expenditures	1,711.9	2,000.4	2,024.2	2,050.7	2,146.0	2,249.3	2,354.8	2,455.2	2,521.0
Durable goods	205.6	245.9	250.8	252.7	283.1	323.1	355.1	385.0	390.9
Nondurable goods	676.5	762.6	764.4	771.0	800.2	825.9	847.4	879.5	890.5
Services	829.8	991.9	1,009.0	1,027.0	1,062.7	1,100.3	1,152.3	1,190.7	1,239.5
Gross private domestic investment	383.3	509.3	545.5	447.3	504.0	658.4	637.0	643.5	674.8
Fixed investment	396.1	516.2	521.7	471.8	510.4	596.1	627.9	628.1	640.4
Nonresidential	281.2	379.2	395.2	366.7	361.2	425.2	453.5	433.1	445.1
Residential	114.9	137.0	126.5	105.1	149.3	170.9	174.4	195.0	195.2
Change in business inventories	-12.8	-6.9	23.9	-24.5	-6.4	62.3	9.1	15.4	34.4
Net exports of goods and services	18.9	57.0	49.4	26.3	-19.9	-84.0	-104.3	-137.5	-128.9
Exports	259.7	388.9	392.7	361.9	348.1	371.8	367.2	378.4	427.8
Imports	240.8	332.0	343.4	335.6	368.1	455.8	471.4	515.9	556.7
Government purchases [1]	580.9	620.5	629.7	641.7	649.0	677.7	731.2	760.5	780.2
Federal	226.3	246.9	259.6	272.7	275.1	290.8	326.0	333.4	339.0
National defense	161.1	171.2	180.3	193.8	206.9	218.5	237.2	251.4	264.9
State and local	354.6	373.6	370.1	369.0	373.9	387.0	405.2	427.1	441.2

- Represents zero. NA Not available. [1] Purchases of goods and services.

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.

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No. 686. Gross National Product, by Industry, In Current and Constant (1982) Dollars: 1980 to 1987

[**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]

Industry	Current dollars			Constant (1982) dollars				Average annual percent change		
	1980	1986	1987	1980	1985	1986	1987	1980–1985	1985–1986	1986–1987
Gross national product	2,732.0	4,240.3	4,526.7	3,187.1	3,618.7	3,721.7	3,847.0	2.6	2.8	3.4
Domestic industries (gross domestic product)	2,684.4	4,205.4	4,497.2	3,131.7	3,581.9	3,690.9	3,821.4	2.7	3.0	3.5
Private industries	2,357.3	3,715.6	3,970.0	2,739.5	3,183.1	3,281.6	3,408.5	3.0	3.1	3.9
Agriculture, forestry, and fisheries	77.2	92.6	94.9	76.2	93.8	97.2	96.1	4.2	3.6	-1.1
Farms	65.5	75.4	75.9	64.2	79.4	83.7	82.5	4.3	5.4	-1.4
Mining	107.3	82.1	85.4	135.6	130.1	115.7	117.5	-.8	-11.1	1.6
Construction	137.7	204.0	218.5	161.6	165.4	173.1	175.8	.5	4.7	1.6
Manufacturing [1]	581.0	820.1	853.6	665.4	786.8	804.6	839.5	3.4	2.3	4.3
Durable goods [1]	351.8	466.1	480.0	401.5	493.7	505.0	525.2	4.2	2.3	4.0
Lumber and wood products	18.7	24.7	27.7	20.4	20.1	21.5	23.5	-.3	7.0	9.3
Furniture and fixtures	8.6	14.0	15.0	10.2	12.2	11.9	12.5	3.6	-2.5	5.0
Stone, clay, and glass products	19.0	25.9	27.5	21.1	22.6	22.2	23.1	1.4	-1.8	4.1
Primary metal industries	44.3	33.7	36.4	46.4	34.2	34.3	34.3	-5.9	.3	-
Fabricated metal products	46.0	59.1	60.3	52.5	56.8	56.7	58.5	1.6	-.2	3.2
Machinery, except electrical	76.9	80.7	81.2	84.6	134.5	147.0	160.7	9.7	9.3	9.3
Electric and electronic equipment	55.0	83.6	85.0	62.7	79.7	80.3	82.5	4.9	.8	2.7
Motor vehicles and equipment	26.7	51.4	49.9	33.7	50.9	44.9	40.3	8.6	-11.8	-10.2
Other transportation equipment	28.2	53.0	56.0	38.1	43.8	47.4	50.2	2.8	8.2	5.9
Instruments and related products	19.0	26.7	27.0	21.8	24.7	25.2	25.3	2.5	2.0	.4
Nondurable goods [1]	229.2	354.1	373.6	263.9	293.0	299.7	314.3	2.1	2.3	4.9
Food and kindred products	52.2	71.6	74.0	56.7	63.1	61.6	63.7	2.2	-2.4	3.4
Tobacco manufactures	7.3	13.8	15.5	9.5	6.9	6.9	7.2	-6.2	-	4.3
Textile mill products	15.0	19.2	20.0	16.1	16.3	17.5	17.8	.2	7.4	1.7
Apparel and other textile products	17.1	21.0	22.5	20.1	19.9	19.8	21.4	-.2	-.5	8.1
Paper and allied products	23.1	35.2	39.5	24.6	30.2	31.3	33.0	4.2	3.6	5.4
Printing and publishing	31.6	55.1	58.2	36.9	43.0	42.3	42.6	3.1	-1.8	.7
Chemicals and allied products	45.5	70.1	77.1	50.1	59.1	64.1	68.8	3.4	8.5	7.3
Petroleum and coal products	16.8	37.0	33.6	25.7	24.9	26.3	26.6	-1.4	5.6	1.1
Rubber and misc. plastic products	16.8	28.1	30.0	18.9	26.2	26.8	29.8	6.8	2.3	11.2
Leather and leather products	3.9	3.0	3.3	4.3	3.4	3.0	3.3	-4.6	-11.8	10.0
Transportation and public utilities	240.8	393.5	408.2	293.4	326.0	331.6	349.5	2.1	1.7	5.4
Transportation	105.8	144.5	150.8	129.5	125.4	129.0	136.0	-.6	2.9	5.4
Railroad transportation	20.8	20.8	19.6	27.2	19.3	18.2	16.9	-6.6	-5.7	-7.1
Local and interurban passenger transit	5.4	8.0	8.1	7.0	6.3	6.4	6.6	-2.1	1.6	3.1
Trucking and warehousing	44.0	61.1	64.2	51.5	52.6	54.4	60.2	.4	3.4	10.7
Water transportation	7.1	7.7	7.5	8.3	7.8	8.0	7.9	-1.2	2.6	-1.2
Transportation by air	18.1	29.7	34.2	23.1	24.4	26.6	28.4	1.1	9.0	6.8
Pipelines, except natural gas	4.7	5.9	5.3	5.1	4.9	5.0	5.1	-.8	2.0	2.0
Transportation services	5.8	11.3	12.0	7.2	10.0	10.3	10.9	6.8	3.0	5.8
Communications	66.6	115.6	121.0	78.4	95.2	99.2	107.6	4.0	4.2	8.5
Telephone and telegraph	60.2	103.2	108.3	71.1	85.8	89.3	97.6	3.8	4.1	9.3
Radio and television broadcasting	6.3	12.4	12.7	7.3	9.4	9.9	10.1	5.2	5.3	2.0
Electric, gas, and sanitary services	68.4	133.3	136.4	85.5	105.3	103.4	105.9	4.3	-1.8	2.4
Wholesale trade	193.9	294.8	313.0	213.5	268.5	282.7	291.7	4.7	5.3	3.2
Retail trade	245.0	403.6	427.4	286.9	341.8	360.2	368.3	3.6	5.4	2.2
Finance, insurance, and real estate	400.6	708.6	775.4	464.3	524.3	537.6	559.4	2.5	2.5	4.1
Banking	51.1	80.6	84.9	56.7	61.9	62.9	63.2	1.8	1.6	.5
Credit agencies other than banks	5.5	16.4	17.0	5.2	7.0	7.8	8.3	6.1	11.4	6.4
Security and commodity brokers, and services	9.7	31.6	36.7	10.7	16.9	18.6	21.3	9.6	10.1	14.5
Insurance carriers	37.0	61.1	72.7	28.6	33.5	35.8	37.0	3.2	6.9	3.4
Insurance agents and brokers, and services	14.4	25.5	28.7	17.3	20.0	21.9	23.9	2.9	9.5	9.1
Real estate	281.5	479.4	519.3	339.6	376.0	380.8	394.8	2.1	1.3	3.7
Holding and other investment companies	1.3	14.0	16.2	6.3	9.0	9.8	10.9	7.4	8.9	11.2
Services [1]	374.0	716.3	793.5	442.6	546.4	578.9	610.8	4.3	5.9	5.5
Hotels and other lodging places	18.9	32.7	35.8	22.6	23.5	23.4	24.3	.8	-.4	3.8
Personal services	18.8	32.2	34.4	22.2	25.4	26.4	27.1	2.7	3.9	2.7
Business services	68.8	161.6	179.3	84.0	120.8	129.8	139.7	7.5	7.5	7.6
Auto repair, services, and garages	21.1	36.1	38.9	24.4	30.1	31.7	32.9	4.3	5.3	3.8
Motion pictures	5.0	9.5	10.7	5.7	7.5	7.7	7.6	5.6	2.7	-1.3
Amusement and recreation services	12.4	21.8	24.0	13.7	17.9	18.9	20.3	5.5	5.6	7.4
Health services	108.1	199.1	223.7	129.4	158.9	165.7	176.9	4.2	4.3	6.8
Legal services	23.3	53.7	62.3	28.9	35.0	36.3	37.9	3.9	3.7	4.4
Educational services	16.0	27.2	29.6	18.1	21.5	21.6	22.4	3.5	.5	3.7
Social services and membership organizations	26.3	41.7	45.3	30.2	33.3	34.7	35.9	2.0	4.2	3.5
Miscellaneous professional services	39.6	78.3	86.4	47.1	53.6	63.8	66.7	2.6	19.0	4.5
Private households	6.6	9.1	9.2	7.4	8.8	8.8	8.8	3.5	-	-
Government and government enterprises	322.1	503.4	535.3	382.7	400.8	407.9	415.7	.9	1.8	1.9
Federal	114.7	173.8	181.3	136.3	146.5	147.1	148.8	1.2	.4	1.2
State and local	207.4	329.6	354.0	244.4	254.4	260.8	266.9	.8	2.5	2.3
Statistical discrepancy	4.9	-13.6	-8.1	5.9	-4.3	-12.1	-7.0	(NS)	(NS)	(NS)
Rest of the world	47.6	34.9	29.5	55.5	36.9	30.9	25.6	-7.8	-16.3	-17.2

– Represents zero. NS Not significant. [1] Includes items not shown separately.

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. 687. GNP Components—Average Annual Percent Change in Current and Constant (1982) Dollars: 1960 to 1987

[In percent. GNP=Gross national product. Minus sign (–) indicates decrease. For implicit price deflators and fixed-weighted price indexes, see tables 751 and 752]

ITEM	1960–1970	1970–1975	1975–1980	1980–1981	1981–1982	1982–1983	1983–1984	1984–1985	1985–1986	1986–1987
CURRENT DOLLARS										
Gross national product	7.0	9.5	11.3	11.7	3.7	7.6	10.8	6.4	5.6	6.8
Personal consumption expenditures	6.8	9.6	11.3	10.5	7.1	9.0	8.8	8.2	6.8	7.3
Durable goods	7.0	9.6	10.1	9.4	5.3	14.4	16.0	10.9	9.2	3.8
Nondurable goods	5.8	9.0	10.4	8.7	4.1	5.9	6.2	5.1	3.6	5.8
Services	7.8	10.2	12.5	12.4	9.9	9.9	8.8	9.6	8.3	9.3
Gross private domestic investment	*6.6*	*8.1*	*14.8*	*18.0*	*–13.2*	*12.3*	*32.4*	*–3.3*	*3.5*	*7.1*
Fixed investment	6.9	9.1	14.6	10.4	–4.0	8.0	17.2	5.8	2.9	3.6
Nonresidential	8.0	9.1	14.7	14.4	–.7	–2.7	16.6	6.5	–2.0	3.0
Residential	4.4	9.0	14.5	–.2	–14.1	45.1	18.8	4.3	14.7	4.8
Exports of goods and services	6.7	18.5	16.8	9.1	–5.5	–2.6	8.8	–3.3	2.0	13.1
Imports of goods and services	9.7	16.6	19.6	9.4	–3.8	6.9	23.3	1.5	7.6	14.1
Government purchases of goods and services	8.1	9.0	9.6	10.9	9.1	5.2	9.0	11.5	6.1	6.1
Federal	6.1	5.5	10.0	16.4	12.6	4.0	9.5	14.4	3.1	4.3
State and local	10.0	11.5	9.4	7.4	6.7	6.1	8.6	9.5	8.5	7.5
CONSTANT (1982) DOLLARS										
Gross national product	3.8	2.2	3.4	1.9	–2.5	3.6	6.8	3.4	2.8	3.4
Personal consumption expenditures	4.0	2.8	3.2	1.2	1.3	4.6	4.8	4.7	4.3	2.7
Durable goods	5.2	4.8	3.6	2.0	.8	12.0	14.1	9.9	8.4	1.5
Nondurable goods	3.2	1.4	2.4	.2	.9	3.8	3.2	2.6	3.8	1.3
Services	4.6	3.5	3.6	1.7	1.8	3.5	3.5	4.7	3.3	4.1
Gross private domestic investment	3.9	.1	5.8	7.1	–18.0	12.7	30.6	–3.3	1.0	4.9
Fixed investment	4.0	1.2	5.4	1.1	–9.6	8.2	16.8	5.3	–	2.0
Nonresidential	5.2	1.3	6.2	4.2	–7.2	–1.5	17.7	6.7	–4.5	2.8
Residential	1.6	1.0	3.6	–7.7	–16.9	42.1	14.5	2.0	11.8	.1
Exports of goods and services	6.1	7.8	8.4	1.0	–7.8	–3.8	6.8	–1.2	3.1	13.1
Imports of goods and services	7.4	2.9	6.6	3.4	–2.3	9.7	23.8	3.4	9.4	7.9
Government purchases of goods and services	3.6	.3	1.3	1.5	1.9	1.1	4.4	7.9	4.0	2.6
Federal	2.0	–3.3	1.8	5.1	5.0	.9	5.7	12.1	2.3	1.7
State and local	5.2	3.1	1.0	–.9	–.3	1.3	3.5	4.7	5.4	3.3

– Represents zero.

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. 688. Gross National Product—Summary: 1970 to 1987

[In billions of dollars]

ITEM	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
Gross national product	1,015.5	1,598.4	2,732.0	3,052.6	3,166.0	3,405.7	3,772.2	4,014.9	4,240.3	4,526.7
BY MAJOR TYPE OF PRODUCT										
Goods	467.8	714.7	1,174.9	1,322.9	1,319.1	1,396.1	1,581.4	1,641.2	1,697.9	1,792.5
Services	441.1	725.2	1,265.0	1,415.4	1,547.5	1,682.5	1,813.9	1,968.3	2,118.4	2,295.7
Structures	106.5	158.5	292.0	314.4	299.4	327.1	377.0	405.4	424.0	438.4
BY SECTOR										
Business	856.3	1,341.2	2,306.8	2,582.8	2,658.2	2,866.6	3,201.5	3,412.8	3,608.9	3,855.5
Households and institutions	32.4	52.0	89.3	101.0	112.7	122.9	132.7	142.3	153.1	168.9
Government	119.5	187.7	288.3	316.7	343.9	366.4	390.6	419.0	443.4	472.7
Rest of the world	7.3	17.5	47.6	52.1	51.2	49.9	47.4	40.7	34.9	29.5

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. 689. Relation of GNP, Net National Product, National Income, Personal Income, Disposable Personal Income and Personal Saving: 1970 to 1987

[In billions of dollars. For definitions, see text, section 14]

ITEM	1970	1975	1980	1982	1983	1984	1985	1986	1987
Gross national product	**1,015.5**	**1,598.4**	**2,732.0**	**3,166.0**	**3,405.7**	**3,772.2**	**4,014.9**	**4,240.3**	**4,526.7**
Less: Capital consumption allowances [1]	88.8	161.8	303.8	383.2	396.6	415.5	437.2	455.9	480.0
Equals: Net national product [2]	**926.6**	**1,436.6**	**2,428.1**	**2,782.8**	**3,009.1**	**3,356.8**	**3,577.6**	**3,784.4**	**4,046.7**
Less: Indirect business tax and nontax liability	94.0	140.0	213.3	258.8	282.6	313.9	333.6	348.4	366.3
Plus: Subsidies [3]	2.9	2.4	5.7	8.7	14.1	9.9	7.2	12.6	18.9
Equals: National income [2]	**832.6**	**1,289.1**	**2,203.5**	**2,518.4**	**2,719.5**	**3,028.6**	**3,234.0**	**3,437.1**	**3,678.7**
Less: Corporate profits [4]	74.7	117.6	177.2	150.0	213.7	266.9	282.3	298.9	310.4
Net interest	41.2	83.8	200.9	272.3	281.0	304.8	319.0	331.9	353.6
Contributions for social insurance	62.2	118.5	216.5	269.6	291.0	324.9	354.1	378.1	399.1
Plus: Government transfer payments to persons	81.8	185.7	312.6	396.2	426.6	437.9	467.8	496.0	520.6
Personal interest income	69.3	122.5	271.9	369.7	393.1	444.7	478.0	499.1	527.0
Personal dividend income	22.2	28.7	52.9	63.9	68.7	75.5	78.7	82.8	88.6
Business transfer payments	4.1	7.4	12.1	14.3	16.0	18.7	22.0	25.1	28.1
Equals: Personal income	**831.8**	**1,313.4**	**2,258.5**	**2,670.8**	**2,838.6**	**3,108.7**	**3,325.3**	**3,531.1**	**3,780.0**
Less: Personal tax and nontax payments	116.2	170.6	340.5	409.3	410.5	440.2	486.6	511.4	570.3
Equals: Disposable personal income	**715.6**	**1,142.8**	**1,918.0**	**2,261.4**	**2,428.1**	**2,668.6**	**2,838.7**	**3,019.6**	**3,209.7**
Less: Personal outlays	657.9	1,038.2	1,781.1	2,107.5	2,297.4	2,504.5	2,713.3	2,898.0	3,105.5
Equals: Personal saving	**57.7**	**104.6**	**136.9**	**153.9**	**130.6**	**164.1**	**125.4**	**121.7**	**104.2**

[1] With capital consumption adjustment. [2] Includes items not shown separately. [3] Less current surplus of government enterprises. [4] 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. 690. Selected Per Capita Income and Product Items: 1929 to 1987

[Based on Bureau of the Census estimated total 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	3,569
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	17,547	14,612	12,496	11,618	15,401	10,929	10,160
1987	18,556	15,495	13,157	12,347	15,770	11,012	10,334

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. 691. National Income, by Type of Income: 1970 to 1987

[In billions of dollars]

TYPE OF INCOME	1970	1975	1980	1982	1983	1984	1985	1986	1987
National income	**832.6**	**1,289.1**	**2,203.5**	**2,518.4**	**2,719.5**	**3,028.6**	**3,234.0**	**3,437.1**	**3,678.7**
Compensation of employees	618.3	948.7	1,638.2	1,907.0	2,020.7	2,213.9	2,367.5	2,507.1	2,683.4
Wages and salaries	551.5	814.7	1,372.0	1,586.1	1,676.2	1,838.8	1,975.2	2,094.0	2,248.4
Government and government enterprise	117.1	176.1	260.1	305.9	323.9	346.3	371.8	393.7	420.1
Other	434.3	638.6	1,111.8	1,280.2	1,352.3	1,492.5	1,603.4	1,700.3	1,828.3
Supplements to wages and salaries	66.8	134.0	266.3	320.9	344.5	375.1	392.4	413.1	435.0
Employer contributions for social insurance	34.3	68.0	127.9	157.3	170.9	192.2	204.8	217.0	227.1
Other labor income	32.5	65.9	138.4	163.6	173.6	182.9	187.6	196.1	207.9
Proprietors' income [1]	80.2	125.4	180.7	175.5	190.9	234.5	255.9	286.7	312.9
Farm	14.7	25.4	20.5	24.6	12.4	30.5	30.2	36.4	43.0
Nonfarm	65.4	100.0	160.1	150.9	178.4	204.0	225.6	250.3	270.0
Proprietors' income	66.0	102.2	164.3	148.5	167.3	182.4	194.6	212.7	233.0
Rental income of persons [2]	18.2	13.5	6.6	13.6	13.2	8.5	9.2	12.4	18.4
Corporate profits [1]	74.7	117.6	177.2	150.0	213.7	266.9	282.3	298.9	310.4
Corporate profits [3]	69.5	123.9	194.0	159.2	196.7	234.2	222.6	244.7	258.7
Profits before tax	76.0	134.8	237.1	169.6	207.6	240.0	224.3	236.4	276.7
Profits tax liability	34.4	50.9	84.8	63.1	77.2	93.9	96.4	106.6	139.8
Profits after tax	41.7	83.9	152.3	106.5	130.4	146.1	127.8	*129.8*	*142.9*
Dividends	22.5	29.6	54.7	66.9	71.5	79.0	83.3	88.2	95.5
Undistributed profits	19.2	54.3	97.6	39.6	58.9	67.0	44.6	41.6	47.4
Inventory valuation adjustment	-6.6	-11.0	-43.1	-10.4	-10.9	-5.8	-1.7	8.3	-18.0
Capital consumption adjustment	5.2	-6.2	-16.8	-9.2	17.0	32.7	59.7	54.2	51.7
Net interest	41.2	83.8	200.9	272.3	281.0	304.8	319.0	331.9	353.6
Addenda:									
Corporate profits after tax [1]	40.3	66.7	92.4	86.9	136.5	173.0	185.9	192.3	176.6
Net cash flow [1]	69.8	133.5	219.1	255.0	307.7	348.5	371.2	386.5	378.6
Undistributed profits [1]	17.9	37.1	37.7	20.0	65.0	94.0	102.6	104.1	81.1
Capital consumption allowances [2]	52.0	96.4	181.4	235.0	242.7	254.5	268.6	282.4	297.5
Less: Inventory valuation adjustment	-6.6	-11.0	-43.1	-10.4	-10.9	-5.8	-1.7	8.3	-18.0
Equals: Net cash flow	76.4	144.5	262.2	265.4	318.6	354.3	372.9	378.2	396.6

[1] With inventory valuation and capital consumption adjustments [2] With capital consumption adjustment. [3] 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. 692. National Income, By Sector: 1970 to 1987

[In billions of dollars]

SECTOR	1970	1975	1980	1982	1983	1984	1985	1986	1987
National income	**832.6**	**1,289.1**	**2,203.5**	**2,518.4**	**2,719.5**	**3,028.6**	**3,234.0**	**3,437.1**	**3,678.7**
Domestic business	673.4	1,031.8	1,778.4	2,010.6	2,180.4	2,457.9	2,631.9	2,805.7	3,007.6
Corporate business	479.8	740.6	1,312.6	1,478.0	1,609.4	1,805.9	1,920.9	2,030.2	2,162.9
Compensation of employees	401.0	617.0	1,117.2	1,287.8	1,360.6	1,502.1	1,602.6	1,693.7	*1,803.7*
Corporate profits [1]	67.8	103.2	142.8	121.9	183.6	236.0	251.2	266.9	274.0
Net interest	11.0	20.4	52.5	68.2	65.2	67.8	67.1	69.5	85.2
Sole proprietorships and partnerships	135.0	205.8	318.0	340.6	361.2	421.7	459.2	506.8	552.3
Compensation of employees	49.2	65.8	102.2	114.0	118.5	131.6	141.8	151.3	167.3
Proprietors' income [1]	79.8	124.5	179.4	174.0	189.3	232.6	254.1	285.2	311.4
Net interest	6.0	15.5	36.5	52.7	53.4	57.6	63.3	70.3	73.7
Other private business [2]	45.7	63.9	114.2	152.4	187.2	184.3	201.9	216.4	235.9
Compensation of employees	3.2	4.7	7.8	9.0	9.8	10.9	12.0	13.1	14.2
Proprietors' income [1]	.4	.9	1.3	1.6	1.6	1.9	1.7	1.5	1.5
Rental income of persons [3]	18.2	13.5	6.6	13.6	13.2	8.5	9.2	12.4	18.4
Net interest	23.9	44.8	98.5	128.2	142.7	162.9	179.0	189.3	201.7
Government enterprises [4]	13.0	21.5	33.5	39.6	42.6	46.1	49.9	52.3	56.5
Households and institutions [5]	32.4	52.0	89.3	112.7	122.9	132.7	142.3	153.1	168.9
Government [4]	119.5	187.7	288.3	343.9	366.4	390.6	419.0	443.4	472.7
Rest of the world	7.3	17.5	47.6	51.2	49.9	47.4	40.7	34.9	29.5

[1] With inventory valuation and capital consumption adjustments. [2] 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. [3] With capital consumption adjustment. [4] Compensation of employees. [5] 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. 693. Personal Consumption Expenditures, by Type of Expenditure in Current Dollars: 1980 to 1987

[In billions of dollars. Minus sign (-) indicates decrease]

Type of expenditure	1980	1984	1985	1986	1987	Average annual percent change			
						1980–1984	1984–1985	1985–1986	1986–1987
Personal consumption expenditures [1]	**1,732.6**	**2,430.5**	**2,629.0**	**2,807.5**	**3,012.1**	**8.8**	**8.2**	**6.8**	**7.3**
Food and tobacco [1 2]	369.9	479.0	503.8	534.7	562.1	6.7	5.2	6.1	5.1
Food purchased for off-premise consumption	242.3	305.8	322.7	339.8	352.0	6.0	5.5	5.3	3.6
Purchased meals and beverages [2]	100.2	134.1	139.9	151.9	164.5	7.6	4.3	8.6	8.3
Tobacco products	20.8	30.5	32.2	33.6	35.7	10.0	5.6	4.3	6.3
Clothing, accessories, and jewelry [1]	135.0	181.8	193.3	207.5	221.5	7.7	6.3	7.3	6.7
Shoes	16.9	21.6	22.9	24.3	26.3	6.3	6.0	6.1	8.2
Clothing and accessories	91.9	125.0	133.4	142.6	151.9	8.0	6.7	6.9	6.5
Jewelry and watches	15.4	19.9	20.5	22.8	24.3	6.6	3.0	11.2	6.6
Personal care	27.2	36.4	38.8	41.4	44.4	7.6	6.6	6.7	7.2
Housing [1]	261.5	371.3	403.0	434.3	467.7	9.2	8.5	7.8	7.7
Owner-occupied nonfarm dwellings-space rent	178.3	252.3	272.7	293.7	317.1	9.1	8.1	7.7	8.0
Tenant-occupied nonfarm dwellings-rent	61.9	92.2	103.8	114.3	123.5	10.5	12.6	10.1	8.0
Rental value of farm dwellings	11.0	12.2	10.9	9.8	9.2	2.6	-10.7	-10.1	-6.1
Household operation [1]	233.1	316.9	334.1	348.1	362.3	8.0	5.4	4.2	4.1
Furniture [3]	20.9	26.5	28.0	30.5	32.5	6.1	5.7	8.9	6.6
Semidurable house furnishings [4]	10.0	13.3	14.0	15.3	15.8	7.4	5.3	9.3	3.3
Cleaning and polishing preparations	20.1	25.1	26.4	27.9	29.2	5.7	5.2	5.7	4.7
Household utilities	83.7	117.5	124.2	122.6	125.3	8.8	5.7	-1.3	2.2
Electricity	37.2	55.4	59.3	60.8	63.3	10.5	7.0	2.5	4.1
Gas	19.1	29.4	29.6	26.6	25.5	11.4	.7	-10.1	-4.1
Water and other sanitary services	9.3	14.9	16.8	18.6	20.4	12.5	12.8	10.7	9.7
Fuel oil and coal	18.0	17.8	18.5	16.7	16.2	-.3	3.9	-9.7	-3.0
Telephone and telegraph	27.8	39.8	40.4	42.9	44.3	9.4	1.5	6.2	3.3
Medical care [1]	187.7	298.4	327.5	359.3	403.2	12.3	9.8	9.7	12.2
Drug preparations and sundries [5]	18.8	26.3	28.1	30.2	32.5	8.8	6.8	7.5	7.6
Physicians	42.0	67.1	73.5	80.6	93.9	12.4	9.5	9.7	16.5
Dentists	13.7	19.8	21.5	22.8	25.0	9.6	8.6	6.0	9.6
Privately controlled hospitals [6]	82.0	130.6	140.2	152.1	167.4	12.3	7.4	8.5	10.1
Health insurance	12.3	19.0	21.6	24.4	27.0	11.5	13.7	13.0	10.7
Medical care [7]	6.9	15.2	17.7	20.6	21.9	21.8	16.4	16.4	6.3
Personal business [1]	96.7	145.8	169.9	192.7	215.5	10.8	16.5	13.4	11.8
Expense of handling life insurance [8]	19.7	30.6	35.8	39.1	41.0	11.6	17.0	9.2	4.9
Legal services	13.8	24.6	28.0	30.9	34.9	15.5	13.8	10.4	12.9
Funeral and burial expenses	4.4	5.6	6.3	6.6	7.1	6.2	12.5	4.8	7.6
Transportation	238.5	329.5	359.5	365.5	378.9	8.4	9.1	1.7	3.7
User-operated transportation [1]	216.8	301.6	330.1	335.7	346.5	8.6	9.4	1.7	3.2
New autos	46.4	77.6	87.4	101.4	94.1	13.7	12.6	16.0	-7.2
Net purchases of used autos	14.9	30.2	35.1	34.9	35.9	19.3	16.2	-.6	2.9
Tires, tubes, accessories, etc.	16.7	23.3	25.2	26.6	28.2	8.7	8.2	5.6	6.0
Repair, greasing, washing, parking, storage	32.3	42.8	49.1	51.8	56.4	7.3	14.7	5.5	8.9
Gasoline and oil	83.7	90.0	90.6	73.3	77.0	1.8	.7	-19.1	5.0
Purchased local transportation	5.8	6.9	7.2	7.8	8.0	4.4	4.3	8.3	2.6
Transit systems	2.4	3.4	3.6	3.8	3.8	9.1	5.9	5.6	-
Taxicab	3.1	3.0	3.1	3.3	3.5	-.8	3.3	6.5	6.1
Railway (commutation)	.3	.5	.5	.6	.7	13.6	-	20.0	16.7
Purchased intercity transportation [1]	15.9	21.0	22.2	22.0	24.5	7.2	5.7	-.9	11.4
Bus	1.2	1.2	1.2	1.1	1.1	-	-	-8.3	-
Airline	13.4	17.5	18.5	18.2	20.4	6.9	5.7	-1.6	12.1
Recreation [1 9]	115.0	168.3	185.7	201.7	223.3	10.0	10.3	8.6	10.7
Magazines, newspapers, and sheet music	10.4	12.7	13.2	13.9	15.8	5.1	3.9	5.3	13.7
Nondurable toys and sport supplies	14.6	19.7	21.1	23.1	26.8	7.8	7.1	9.5	16.0
Radio and television receivers, records, and musical instruments	19.9	31.5	37.0	38.9	41.2	12.2	17.5	5.1	5.9
Private education and research	27.2	39.1	43.3	47.3	51.3	9.5	10.7	9.2	8.5
Religious and welfare activities	36.8	52.6	57.1	62.9	68.1	9.3	8.6	10.2	8.3

- Represents zero. [1] Includes other expenditures not shown separately. [2] 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. [3] Includes mattresses and bed springs. [4] Consist largely of textile house furnishings including piece goods allocated to house furnishing use. Also includes lamp shades, brooms, and brushes. [5] Excludes drug preparations and related products dispensed by physicians, hospitals, and other medical services. [6] 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. [7] 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. [8] 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. [9] For additional details, see table 377.

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. 694. Personal Consumption Expenditures, by Type of Product in Constant (1982) Dollars: 1980 to 1987

[In billions of dollars, except percent. Minus sign (-) indicates decrease]

Type of product	1980	1984	1985	1986	1987	Average annual percent change: 1980–1984	1984–1985	1985–1986	1986–1987
Personal consumption expenditures	2,000.4	2,249.3	2,354.8	2,455.2	2,521.0	3.0	4.7	4.3	2.7
Durable goods	245.9	323.1	355.1	385.0	390.9	7.1	9.9	8.4	1.5
Motor vehicles and parts [1]	103.8	146.0	164.4	176.4	170.4	9.3	11.1	7.3	-3.4
New autos	51.2	73.5	80.4	89.2	80.0	9.5	9.4	10.9	-10.3
Net purchases of used autos	21.0	24.8	28.9	29.8	28.8	4.2	16.5	3.1	-3.4
Tires, tubes, accessories, etc.	18.1	24.8	26.8	28.2	29.7	8.2	8.1	5.2	5.3
Furniture and household equipment [1]	95.4	118.4	131.0	143.2	151.0	5.5	10.6	9.3	5.4
Furniture, including mattresses and bedsprings	23.2	25.3	26.1	27.7	28.9	2.2	3.2	6.1	4.3
Kitchen and other household appliances	18.4	21.0	23.5	25.5	26.9	3.4	11.9	8.5	5.5
China, glassware, tableware, and utensils	10.6	12.0	12.7	13.7	13.8	3.1	5.8	7.9	.7
Radio and television receivers [2]	20.4	34.4	42.5	48.1	51.9	14.0	23.5	13.2	7.9
Other	46.7	56.7	59.7	65.4	69.6	5.0	5.3	9.5	6.4
Nondurable goods	762.6	825.9	847.4	879.5	890.5	2.0	2.6	3.8	1.3
Food	394.9	422.8	435.5	448.0	450.4	1.7	3.0	2.9	.5
Food purchased for off-premise consumption	272.4	292.0	304.5	311.8	308.7	1.8	4.3	2.4	-1.0
Purchased meals and beverages	115.1	122.9	123.0	128.1	133.4	1.7	.1	4.1	4.1
Food furnished employees [3]	7.5	7.9	8.1	8.1	8.3	1.3	2.5	–	2.5
Clothing and shoes	114.8	142.2	147.2	157.6	160.5	5.5	3.5	7.1	1.8
Shoes	18.3	21.2	22.2	23.7	24.8	3.7	4.7	6.8	4.6
Women's and children's clothing and accessories [4]	61.5	81.2	84.0	91.1	91.7	7.2	3.4	8.5	.7
Men's and boys' clothing and accessories [4]	35.0	39.7	41.0	42.8	44.1	3.2	3.3	4.4	3.0
Gasoline and oil	88.4	94.5	94.4	97.3	98.3	1.7	-.1	3.1	1.0
Fuel oil and coal	21.6	18.5	19.6	22.0	21.1	-3.8	5.9	12.2	-4.1
Other nondurable goods [1]	142.9	147.8	150.7	154.6	160.2	.8	2.0	2.6	3.6
Tobacco products	24.9	24.0	23.9	23.4	23.1	-.9	-.4	-2.1	-1.3
Toilet articles and preparations	19.6	20.0	20.5	21.1	21.9	.5	2.5	2.9	3.8
Semidurable house furnishings	11.6	12.0	12.3	13.2	13.1	.9	2.5	7.3	-.8
Cleaning and polishing preparations, etc.	23.4	23.8	24.0	24.8	25.1	.4	.8	3.3	1.2
Drug preparations and sundries	23.0	22.6	22.5	22.7	22.9	-.4	-.4	.9	.9
Nondurable toys and sport supplies	15.9	19.9	21.3	23.2	26.4	5.8	7.0	8.9	13.8
Services	991.9	1,100.3	1,152.3	1,190.7	1,239.5	2.6	4.7	3.3	4.1
Housing [1]	312.5	333.0	341.7	348.3	358.3	1.6	2.6	1.9	2.9
Owner-occupied nonfarm dwellings-space rent	212.0	226.1	230.8	234.5	241.4	1.6	2.1	1.6	2.9
Tenant-occupied nonfarm dwellings—rent	73.6	81.8	86.3	89.4	92.4	2.7	5.5	3.6	3.4
Rental value of farm dwellings	14.3	12.1	11.7	11.4	11.1	-4.1	-3.3	-2.6	-2.6
Household operation [1]	142.6	148.8	151.6	152.1	157.0	1.1	1.9	.3	3.2
Electricity	47.0	50.4	52.2	52.8	55.1	1.8	3.6	1.1	4.4
Gas	26.0	24.9	25.3	23.9	24.0	-1.1	1.6	-5.5	.4
Water and other sanitary services	11.7	12.9	13.7	14.4	15.0	2.5	6.2	5.1	4.2
Telephone and telegraph	33.6	34.5	33.7	34.2	35.5	.7	-2.3	1.5	3.8
Domestic service	7.6	9.1	9.2	9.2	9.2	4.6	1.1	–	–
Transportation	77.4	75.9	82.1	85.4	89.3	-.5	8.2	4.0	4.6
User-operated transportation	48.0	50.0	54.7	56.1	58.5	1.0	9.4	2.6	–
Purchased local transportation	7.5	6.4	6.5	6.6	6.6	-3.9	1.6	1.5	–
Purchased intercity transportation [1]	21.9	19.5	20.9	22.7	24.2	-2.9	7.2	8.6	6.6
Railway (excluding commutation)	.5	.5	.5	.5	.5	–	–	–	–
Bus	1.5	1.0	1.0	.8	.8	-9.6	–	-20.0	–
Airline	18.7	16.5	17.8	19.7	21.2	-3.1	7.9	10.7	7.6
Medical care	200.6	232.0	240.9	251.5	268.2	3.7	3.8	4.4	6.6
Physicians	50.9	58.2	60.3	61.6	66.9	3.4	3.6	2.2	8.6
Dentists	16.2	17.2	17.5	17.6	18.1	1.5	1.7	.6	2.8
Other professional services	16.6	26.0	29.3	32.1	36.6	11.9	12.7	9.6	14.0
Privately controlled hospitals and sanitariums	100.9	115.7	118.2	123.7	129.7	3.5	2.2	4.7	4.9
Health insurance	16.0	14.9	15.6	16.4	17.1	-1.8	4.7	5.1	4.3
Other [1]	258.8	310.7	336.0	353.4	366.6	4.7	8.1	5.2	3.7
Personal care [1]	25.0	27.0	27.9	28.9	30.0	1.9	3.3	3.6	3.8
Cleaning, storage, and repair of clothing and shoes	7.7	7.7	7.6	7.6	7.6	–	-1.3	–	–
Barbershops, beauty parlors, baths, and health clubs	12.4	13.3	13.8	14.3	15.0	1.8	3.8	3.6	4.9
Personal business [1]	111.2	127.4	138.9	147.7	149.8	3.5	9.0	6.3	1.5
Brokerage charges and investment counseling	9.0	11.3	15.5	20.2	20.1	5.9	37.2	30.3	-.5
Recreation	48.1	61.5	66.1	69.8	74.7	6.3	7.5	5.6	7.0
Private education and research [1]	31.8	35.8	38.3	40.6	42.4	3.0	7.0	6.0	4.4
Higher education	11.7	12.8	13.3	13.6	13.8	2.3	3.9	2.3	1.5
Elementary and secondary schools	10.8	11.6	12.3	12.9	13.1	1.8	6.0	4.9	1.6
Religious and welfare activities	42.0	49.3	52.4	56.1	58.5	4.1	6.3	7.1	4.3

– Represents zero. [1] Includes expenditures not shown separately. [2] Includes musical instruments and records. [3] Includes military and food produced and consumed on farms. [4] Except shoes.

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. 695. Personal Income and Its Disposition: 1970 to 1987

[In billions of dollars, except percent. For definition of personal income, see text, section 14]

ITEM	1970	1980	1982	1983	1984	1985	1986	1987
Personal income	**831.8**	**2,258.5**	**2,670.8**	**2,838.6**	**3,108.7**	**3,325.3**	**3,531.1**	**3,780.0**
Wage and salary disbursements	551.5	1,372.0	1,586.1	1,676.6	1,838.6	1,975.4	2,094.0	2,248.4
Commodity-producing industries [1]	203.7	470.7	511.7	523.1	577.6	608.9	625.5	649.8
Manufacturing	158.4	355.6	384.0	397.4	439.1	460.9	473.1	490.3
Distributive industries [2]	131.2	335.5	384.2	404.2	442.8	473.2	498.9	531.7
Service industries [3]	99.4	305.6	384.4	425.1	472.1	521.3	575.9	646.8
Government and gov't enterprises	117.1	260.2	305.9	324.3	346.1	372.0	393.7	420.1
Other labor income	32.5	138.4	163.6	173.6	182.9	187.6	196.1	207.9
Proprietors' income [4]	80.2	180.7	175.5	190.9	234.5	255.9	286.7	312.9
Rental income of persons [5]	18.2	6.6	13.6	13.2	8.5	9.2	12.4	18.4
Personal dividend income	22.2	52.9	63.9	68.7	75.5	78.7	82.8	88.6
Personal interest income	69.3	271.9	369.7	393.1	444.7	478.0	499.1	527.0
Transfer payments	85.9	324.7	410.6	442.6	456.6	489.8	521.1	548.8
Old-age, survivors, disability, and health insurance benefits	38.5	154.2	204.5	221.7	235.7	253.4	269.3	282.9
Gov't unemployment insurance benefits	4.0	16.1	25.2	26.3	15.8	15.7	16.3	14.7
Veterans benefits	7.7	15.0	16.4	16.6	16.4	16.7	16.7	16.6
Gov't employees retirement benefits	10.2	43.0	54.6	58.7	61.4	66.8	70.6	75.7
Other transfer payments	25.6	96.4	109.9	119.3	127.3	137.3	148.2	158.9
Less: Personal contributions for social insurance	27.9	88.6	112.3	120.1	132.7	149.3	161.1	172.0
Less: Personal tax and nontax payments	116.2	340.5	409.3	410.5	440.2	486.6	511.4	570.3
Equals: Disposable personal income	715.6	1,918.0	2,261.4	2,428.1	2,668.6	2,838.7	3,019.6	3,209.7
Less: Personal outlays	657.9	1,781.1	2,107.5	2,297.4	2,504.5	2,713.3	2,898.0	3,105.5
Personal consumption expenditures	640.0	1,732.6	2,050.7	2,234.5	2,430.5	2,629.0	2,807.5	3,012.1
Interest paid by consumers to business	16.7	47.4	55.5	61.9	72.5	82.6	89.1	92.1
Personal transfer payments to foreigners (net)	1.2	1.1	1.3	1.0	1.5	1.7	1.4	1.3
Equals: Personal saving	57.7	136.9	153.9	130.6	164.1	125.4	121.7	104.2
Percent of disposable personal income	8.1	7.1	6.8	5.4	6.1	4.4	4.0	3.2
Real disposable personal income [6]	1,668.1	2,214.3	2,261.5	2,331.9	2,469.8	2,542.8	2,640.9	2,686.3
Average annual percent change [7]	4.1	2.9	.6	3.1	5.9	3.0	3.9	1.7
PERCENT DISTRIBUTION								
Personal income	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Wage and salary disbursements	66.3	60.7	59.4	59.1	59.1	59.4	59.3	59.5
Other labor income	3.9	6.1	6.1	6.1	5.9	5.6	5.6	5.5
Proprietors' income [4]	9.6	8.0	6.6	6.7	7.5	7.7	8.1	8.3
Rental income of persons [5]	2.2	.3	.5	.5	.3	.3	.4	.5
Personal dividend income	2.7	2.3	2.4	2.4	2.4	2.4	2.3	2.3
Personal interest income	8.3	12.0	13.8	13.8	14.3	14.4	14.1	13.9
Transfer payments	10.3	14.4	15.4	15.6	14.7	14.7	14.8	14.5
Less: Personal contributions for social insurance	**-3.4**	**-3.9**	**-4.2**	**-4.2**	**-4.3**	**-4.5**	**-4.6**	**-4.6**

[1] Comprises agriculture, forestry, fisheries, mining, construction, and manufacturing. [2] Comprises transportation; communication; electric, gas, and sanitary services; and trade. [3] Comprises finance, insurance, and real estate; services; and rest of world. [4] With capital consumption and inventory valuation adjustments. [5] With capital consumption adjustments [6] 1982 prices. [7] 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. 696. Gross Saving and Investment: 1970 to 1987

[In billions of dollars]

ITEM	1970	1975	1980	1981	1982	1983	1984	1985	1986	1987
Gross saving	**154.7**	**238.7**	**445.0**	**522.0**	**446.4**	**463.6**	**568.5**	**533.5**	**537.2**	**560.4**
Gross private saving	164.5	303.6	478.4	550.5	557.1	592.2	673.5	665.3	681.6	665.3
Personal saving	57.7	104.6	136.9	159.4	153.9	130.6	164.1	125.4	121.7	104.2
Undistributed corporate profits [1]	17.9	37.1	37.7	43.2	20.0	65.0	94.0	102.6	104.1	81.1
Undistributed profits	19.2	54.3	97.6	81.8	39.6	56.9	67.0	44.6	41.6	47.4
Inventory valuation adjustment	-6.6	-11.0	-43.1	-24.2	-10.4	-10.9	-5.8	-1.7	8.3	-18.0
Capital consumption adjustment	5.2	-6.2	-16.8	-14.4	-9.2	17.0	32.7	59.7	54.2	51.7
Corporate CCA [2]	52.0	96.4	181.4	210.7	235.0	242.7	254.5	268.6	282.4	297.5
Noncorporate CCA [2]	36.9	65.4	122.4	137.1	148.2	153.9	160.9	168.7	173.5	182.5
Government surplus or deficit (-) [3]	-10.6	-64.9	-34.5	-29.7	-110.8	-128.6	-105.0	-131.8	-144.4	-104.9
Federal	-12.4	-69.4	-61.3	-63.8	-145.9	-176.0	-169.6	-196.9	-205.6	-157.8
State and local	1.8	4.5	26.8	34.1	35.1	47.5	64.6	65.1	61.2	52.9
Capital grants received by the U.S. (net)	.9	-	1.2	1.1	-	-	-	-	-	-
Gross investment	**153.6**	**241.2**	**450.0**	**526.1**	**446.3**	**468.6**	**573.9**	**528.7**	**523.6**	**552.3**
Gross private domestic investment	148.8	219.6	437.0	515.5	447.3	502.3	684.8	643.1	665.9	712.9
Net foreign investment	4.8	21.6	13.0	10.6	-1.0	-33.5	-90.0	-114.4	-142.4	-160.6
Statistical discrepancy	**-1.1**	**2.5**	**4.9**	**4.1**	**-.1**	**5.2**	**5.4**	**-4.8**	**-13.8**	**-8.1**

- Represents zero. [1] With inventory valuation and capital consumption adjustments. [2] Capital consumption allowances with capital consumption adjustment. [3] 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. 697. Gross State Product: 1980 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	1980	1984	1985	1986	Average annual percent change 1980–1984	Average annual percent change 1984–1985	Average annual percent change 1985–1986
U.S	**2,670,299**	**3,707,011**	**3,963,347**	**4,191,705**	**8.5**	**6.9**	**5.8**
N. Eng	**138,413**	**206,107**	**225,201**	**245,850**	**10.5**	**9.3**	**9.2**
ME	10,200	14,782	15,896	17,326	9.7	7.5	9.0
NH	9,326	14,846	16,585	18,518	12.3	11.7	11.7
VT	4,894	7,215	7,915	8,636	10.2	9.7	9.1
MA	65,057	96,980	106,148	115,526	10.5	9.5	8.8
RI	9,184	12,921	13,961	15,205	8.9	8.0	8.9
CT	39,752	59,363	64,696	70,639	10.5	9.0	9.2
Mid. Atl	**428,206**	**606,886**	**651,363**	**701,060**	**9.1**	**7.3**	**7.6**
NY	214,143	311,727	336,071	362,736	9.8	7.8	7.9
NJ	88,516	131,776	142,302	154,765	10.5	8.0	8.8
PA	125,547	163,383	172,990	183,559	6.8	5.9	6.1
E. No. Cent	**480,519**	**624,118**	**662,480**	**700,852**	**6.8**	**6.1**	**5.8**
OH	121,642	158,543	167,645	176,102	6.8	5.7	5.0
IN	59,050	76,086	80,262	84,922	6.5	5.5	5.8
IL	143,110	187,484	198,138	209,666	7.0	5.7	5.8
MI	103,841	132,369	143,719	153,240	6.3	8.6	6.6
WI	52,876	69,636	72,716	76,922	7.1	4.4	5.8
W. No. Cent	**197,637**	**265,744**	**278,528**	**292,524**	**7.7**	**4.8**	**5.0**
MN	48,846	67,250	71,183	75,626	8.3	5.8	6.2
IA	34,442	41,407	42,100	43,836	4.7	1.7	4.1
MO	53,142	74,493	79,220	83,534	8.8	6.3	5.4
ND	8,146	10,808	10,725	10,733	7.3	–.8	.1
SD	6,922	9,023	9,297	9,802	6.9	3.0	5.4
NE	18,073	24,268	25,639	26,521	7.6	5.6	3.4
KS	28,066	38,495	40,364	42,472	8.2	4.9	5.2
So. Atl	**388,303**	**573,331**	**621,755**	**671,591**	**10.2**	**8.4**	**8.0**
DE	7,047	10,186	10,966	11,706	9.6	7.7	6.7
MD	44,912	64,465	70,580	76,504	9.5	9.5	8.4
DC	19,029	25,100	27,185	28,791	7.2	8.3	5.9
VA	58,634	87,599	95,369	104,155	10.6	8.9	9.2
WV	19,197	22,885	23,541	24,096	4.5	2.9	2.4
NC	58,876	87,748	93,821	100,961	10.5	6.9	7.6
SC	27,275	39,581	41,832	44,727	9.8	5.7	6.9
GA	55,503	86,213	94,121	102,922	11.6	9.2	9.4
FL	97,830	149,554	164,340	177,729	11.2	9.9	8.1
E. So. Cent	**138,285**	**191,066**	**201,532**	**212,300**	**8.4**	**5.5**	**5.3**
KY	36,828	49,512	51,234	53,135	7.7	3.5	3.7
TN	45,018	63,207	67,560	72,328	8.9	6.9	7.1
AL	34,969	48,710	51,919	55,007	8.6	6.6	5.9
MS	21,470	29,637	30,819	31,830	8.4	4.0	3.3
W. So. Cent	**325,075**	**447,066**	**468,102**	**459,383**	**8.3**	**4.7**	**–1.9**
AR	20,123	28,716	29,926	31,633	9.3	4.2	5.7
LA	62,166	79,034	79,719	74,426	6.2	.9	–6.6
OK	37,739	50,077	50,842	49,814	7.3	1.5	–2.0
TX	205,047	289,239	307,615	303,510	9.0	6.4	–1.3
Mt	**141,179**	**194,062**	**207,626**	**216,473**	**8.3**	**7.0**	**4.3**
MT	9,525	11,726	11,543	12,163	5.3	–1.6	5.4
ID	9,670	12,299	13,027	13,170	6.2	5.9	1.1
WY	10,900	12,468	12,777	11,673	3.4	2.5	–8.6
CO	37,620	53,373	56,713	59,177	9.1	6.3	4.3
NM	16,442	22,665	23,887	23,603	8.4	5.4	–1.2
AZ	29,931	43,442	48,589	53,253	9.8	11.8	9.6
UT	15,121	21,739	23,172	24,008	9.5	6.6	3.6
NV	11,970	16,350	17,918	19,426	8.1	9.6	8.4
Pac	**432,680**	**598,629**	**646,759**	**691,672**	**8.5**	**8.0**	**6.9**
WA	51,354	67,347	71,756	77,683	7.0	6.5	8.3
OR	30,219	36,882	38,922	41,278	5.1	5.5	6.1
CA	325,171	456,874	496,850	533,816	8.9	8.7	7.4
AK	12,860	20,802	21,237	19,575	12.8	2.1	–7.8
HI	13,076	16,724	17,994	19,320	6.3	7.6	7.4

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 1988.

NO. 698. GROSS STATE PRODUCT, BY INDUSTRY: 1986

[In millions of dollars. For definition of gross state product, see text, section 14]

DIVISION AND STATE	Total	Farms, forestry, and fisheries [1]	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Government [2]
U.S	**4,191,705**	**92,993**	**95,281**	**197,876**	**824,302**	**391,444**	**294,586**	**407,927**	**694,965**	**700,180**	**492,151**
N. Eng	**245,850**	**2,321**	**210**	**11,760**	**56,433**	**18,134**	**17,119**	**24,739**	**44,373**	**46,817**	**23,949**
ME	17,326	397	7	1,079	3,663	1,619	1,031	1,989	2,826	2,505	2,210
NH	18,518	150	25	1,350	4,812	1,168	1,049	1,970	3,463	2,952	1,580
VT	8,636	274	23	538	1,981	691	478	873	1,572	1,373	834
MA	115,526	846	70	5,441	25,100	8,245	8,563	11,477	19,734	25,437	10,614
RI	15,205	170	10	403	3,696	1,028	972	1,617	2,715	2,771	1,824
CT	70,639	484	75	2,949	17,181	5,383	5,026	6,813	14,063	11,779	6,887
Mid. Atl	**701,060**	**5,527**	**2,471**	**29,954**	**131,048**	**68,821**	**56,380**	**60,449**	**138,900**	**134,732**	**72,779**
NY	362,736	2,161	497	14,908	59,877	33,298	30,602	29,138	80,407	72,920	38,929
NJ	154,765	952	98	7,591	30,529	16,242	13,478	13,862	28,706	27,870	15,438
PA	183,559	2,414	1,876	7,455	40,642	19,281	12,300	17,449	29,787	33,942	18,412
E. No. Cent	**700,852**	**13,936**	**4,691**	**25,306**	**187,840**	**64,555**	**48,286**	**66,745**	**113,773**	**108,182**	**67,535**
OH	176,102	2,348	1,441	5,563	51,421	16,308	11,445	17,258	27,058	26,725	16,535
IN	84,922	2,266	556	3,891	25,305	8,187	4,984	8,538	12,296	10,956	7,942
IL	209,666	3,943	1,599	8,630	42,277	22,637	17,771	19,690	36,728	36,656	19,732
MI	153,240	1,995	1,011	4,877	47,540	11,347	9,484	14,188	24,178	23,189	15,431
WI	76,922	3,384	84	2,345	21,297	6,076	4,602	7,071	13,513	10,656	7,895
W. No. Cent	**292,524**	**20,026**	**2,532**	**11,263**	**57,122**	**29,702**	**21,129**	**28,035**	**49,395**	**42,904**	**30,411**
MN	75,626	3,575	406	2,763	15,813	6,851	6,022	7,282	13,829	11,667	7,416
IA	43,836	4,827	90	1,396	9,228	3,555	2,959	3,951	7,835	5,873	4,122
MO	83,534	2,197	293	3,458	18,912	9,155	5,873	8,707	13,042	13,484	8,413
ND	10,733	1,587	679	592	622	1,130	841	893	1,813	1,351	1,224
SD	9,802	1,557	117	375	977	932	615	1,016	1,718	1,326	1,167
NE	26,521	3,322	70	958	3,648	2,989	1,672	2,363	4,586	3,568	3,144
KS	42,472	2,961	877	1,721	7,922	5,090	2,947	3,823	6,572	5,635	4,925
So. Atl	**671,591**	**12,321**	**6,912**	**37,967**	**119,916**	**62,485**	**45,051**	**70,093**	**102,589**	**111,199**	**103,057**
DE	11,706	251	2	565	3,325	912	657	984	2,129	1,616	1,264
MD	76,504	931	114	4,012	9,106	6,590	5,469	8,769	12,827	15,335	13,351
DC	28,791	6	7	1,991	1,050	1,805	532	1,274	2,675	8,251	11,199
VA	104,155	1,305	1,117	6,014	18,605	9,577	5,693	9,801	15,352	16,389	20,301
WV	24,096	225	3,177	1,153	3,485	3,287	1,232	2,253	3,509	3,008	2,766
NC	100,961	2,422	284	4,015	31,671	8,713	6,444	10,241	12,781	11,853	12,538
SC	44,727	613	103	1,790	11,949	3,781	2,596	4,966	5,786	5,571	7,573
GA	102,922	2,136	572	5,535	21,531	11,302	9,841	10,328	14,165	14,584	12,929
FL	177,729	4,432	1,536	12,892	19,194	16,518	12,587	21,477	33,365	34,592	21,136
E. So. Cent	**212,300**	**5,713**	**5,574**	**8,991**	**52,449**	**18,544**	**13,163**	**21,968**	**29,743**	**28,467**	**27,690**
KY	53,135	1,910	3,007	2,621	12,764	4,641	2,643	5,127	7,909	6,356	6,158
TN	72,328	1,383	351	3,188	18,097	5,614	5,274	8,190	10,326	11,135	8,770
AL	55,007	1,331	1,389	1,754	12,918	5,569	3,606	5,249	7,240	7,397	8,554
MS	31,830	1,089	827	1,428	8,670	2,720	1,640	3,402	4,268	3,579	4,208
W. So. Cent	**459,383**	**10,478**	**49,322**	**23,815**	**73,270**	**50,105**	**32,214**	**43,067**	**63,654**	**63,283**	**50,174**
AR	31,633	1,887	508	1,552	7,782	3,295	1,718	3,298	4,479	3,829	3,286
LA	74,426	904	12,516	3,905	9,670	8,297	4,263	6,595	11,027	9,755	7,492
OK	49,814	1,822	5,183	2,132	7,110	5,240	3,049	4,917	6,745	6,509	7,107
TX	303,510	5,865	31,115	16,226	48,708	33,273	23,184	28,257	41,403	43,190	32,289
Mt	**216,473**	**6,143**	**10,878**	**15,978**	**24,970**	**22,959**	**11,745**	**22,116**	**34,015**	**37,659**	**30,011**
MT	12,163	1,009	888	1,022	881	1,488	663	1,046	2,008	1,607	1,551
ID	13,170	1,195	170	436	2,152	1,380	769	1,365	2,080	1,980	1,642
WY	11,673	219	3,079	1,379	331	1,584	403	766	1,621	906	1,385
CO	59,177	1,517	1,704	3,510	7,631	6,564	3,784	6,285	9,688	10,218	8,275
NM	23,603	513	3,181	1,576	1,881	2,428	958	2,214	3,389	3,502	3,961
AZ	53,253	1,122	683	5,330	7,172	4,646	2,802	6,131	8,909	9,045	7,413
UT	24,008	400	625	1,220	3,989	3,036	1,576	2,402	3,574	3,500	3,690
NV	19,426	168	548	1,505	933	1,834	790	1,907	2,746	6,901	2,094
Pac	**691,672**	**16,523**	**12,691**	**32,842**	**121,253**	**56,136**	**49,498**	**70,718**	**118,525**	**126,937**	**86,546**
WA	77,683	2,841	174	4,468	13,416	6,661	6,243	8,330	12,167	11,687	11,696
OR	41,278	1,629	58	1,355	8,181	4,141	3,213	3,913	7,365	6,382	5,041
CA	533,816	11,282	5,927	23,855	97,680	41,928	38,711	55,216	93,790	103,397	62,029
AK	19,575	317	6,530	1,981	976	1,495	490	1,108	1,805	1,648	3,224
HI	19,320	454	2	1,183	1,000	1,911	841	2,151	3,398	3,823	4,556

[1] Includes agricultural services. [2] Includes Federal civilian and military, State and local.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, May 1988.

NO. 699. DISPOSABLE PERSONAL INCOME PER CAPITA IN CURRENT AND CONSTANT (1982) DOLLARS—STATES: 1980 TO 1987

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

REGION, DIVISION, AND STATE	CURRENT DOLLARS						CONSTANT (1982) DOLLARS			
	1980	1985	1986	1987	Income rank 1980	Income rank 1987	1980	1985	1986	1987
U.S	**8,424**	**11,862**	**12,489**	**13,143**	(X)	(X)	**9,705**	**10,629**	**10,927**	**10,999**
Region:										
Northeast	8,965	13,132	14,011	14,945	(X)	(X)	10,328	11,767	12,258	12,506
Midwest	8,407	11,642	12,304	12,897	(X)	(X)	9,686	10,432	10,765	10,792
South	7,614	10,765	11,231	11,778	(X)	(X)	8,772	9,646	9,826	9,856
West	9,245	12,687	13,295	13,921	(X)	(X)	10,651	11,368	11,632	11,649
New England	**8,936**	**13,509**	**14,553**	**15,674**	(X)	(X)	**10,295**	**12,105**	**12,732**	**13,117**
Maine	7,218	10,383	11,231	12,092	39	29	8,316	9,304	9,826	10,119
New Hampshire	8,523	13,472	14,397	15,363	15	5	9,819	12,072	12,596	12,856
Vermont	7,410	10,572	11,404	12,153	35	28	8,537	9,473	9,978	10,170
Massachusetts	8,926	13,677	14,792	15,992	13	3	10,283	12,255	12,941	13,382
Rhode Island	8,130	12,048	12,802	13,522	26	14	9,367	10,796	11,201	11,315
Connecticut	10,198	15,299	16,452	17,784	2	1	11,749	13,709	14,394	14,882
Middle Atlantic	**8,974**	**13,003**	**13,826**	**14,695**	(X)	(X)	**10,339**	**11,652**	**12,096**	**12,297**
New York	8,966	13,015	13,863	14,660	10	8	10,330	11,662	12,128	12,268
New Jersey	9,822	15,020	16,071	17,280	4	2	11,316	13,459	14,060	14,460
Pennsylvania	8,460	11,700	12,333	13,085	16	19	9,746	10,484	10,790	10,950
East North Central	**8,544**	**11,746**	**12,398**	**12,990**	(X)	(X)	**9,844**	**10,525**	**10,847**	**10,870**
Ohio	8,275	11,341	11,906	12,453	24	25	9,534	10,162	10,417	10,421
Indiana	7,874	10,673	11,273	11,856	31	33	9,071	9,563	9,863	9,921
Illinois	9,151	12,680	13,377	14,085	8	9	10,543	11,362	11,703	11,787
Michigan	8,622	11,882	12,611	13,065	14	20	9,933	10,647	11,033	10,933
Wisconsin	8,315	11,373	12,024	12,715	20	22	9,580	10,191	10,520	10,640
West North Central	**8,076**	**11,395**	**12,081**	**12,676**	(X)	(X)	**9,304**	**10,211**	**10,570**	**10,608**
Minnesota	8,410	11,895	12,740	13,436	17	16	9,689	10,659	11,146	11,243
Iowa	8,012	10,866	11,542	12,213	27	27	9,231	9,736	10,098	10,220
Missouri	7,954	11,455	12,098	12,659	28	23	9,164	10,264	10,584	10,594
North Dakota	7,339	10,577	11,098	11,504	37	34	8,455	9,477	9,710	9,627
South Dakota	7,322	10,016	10,750	11,377	38	35	8,435	8,975	9,405	9,520
Nebraska	7,873	11,364	11,880	12,479	32	24	9,070	10,183	10,393	10,443
Kansas	8,388	11,689	12,329	12,757	18	21	8,664	10,474	10,787	10,675
South Atlantic	**7,782**	**11,284**	**11,976**	**12,710**	(X)	(X)	**8,966**	**10,111**	**10,478**	**10,636**
Delaware	8,259	12,015	12,767	13,572	25	13	9,515	10,766	11,170	11,357
Maryland	8,942	13,423	14,228	15,128	12	7	10,302	12,028	12,448	12,660
District of Columbia	10,290	14,595	15,559	16,708	(X)	(X)	11,855	13,078	13,613	13,982
Virginia	8,296	12,284	13,140	13,979	23	10	9,558	11,007	11,496	11,698
West Virginia	6,773	8,828	9,263	9,587	46	49	7,803	7,910	8,104	8,023
North Carolina	6,819	9,893	10,564	11,239	45	36	7,856	8,865	9,243	9,405
South Carolina	6,505	9,218	9,684	10,238	48	42	7,494	8,260	8,473	8,568
Georgia	7,088	10,546	11,276	11,918	41	31	8,166	9,450	9,866	9,973
Florida	8,384	11,911	12,543	13,314	19	17	9,659	10,673	10,974	11,142
East South Central	**6,692**	**9,180**	**9,697**	**10,294**	(X)	(X)	**7,710**	**8,226**	**8,484**	**8,614**
Kentucky	6,952	9,284	9,731	10,354	43	41	8,009	8,319	8,513	8,664
Tennessee	6,991	9,808	10,482	11,209	42	37	8,054	8,789	9,170	9,380
Alabama	6,574	9,105	9,594	10,068	47	45	7,573	8,159	8,393	8,425
Mississippi	5,953	8,001	8,374	8,868	50	50	6,859	7,169	7,326	7,421
West South Central	**7,920**	**10,884**	**10,963**	**11,176**	(X)	(X)	**9,125**	**9,752**	**9,591**	**9,352**
Arkansas	6,479	9,166	9,642	9,998	49	46	7,464	8,213	8,435	8,367
Louisiana	7,406	9,825	9,794	9,933	36	47	8,532	8,804	8,569	8,312
Oklahoma	7,939	9,851	9,950	10,089	30	44	9,147	8,827	8,705	8,443
Texas	8,298	11,630	11,666	11,886	22	32	9,560	10,421	10,207	9,946
Mountain	**8,096**	**10,955**	**11,404**	**11,787**	(X)	(X)	**9,327**	**9,816**	**9,977**	**9,864**
Montana	7,692	9,678	10,302	10,788	33	38	8,862	8,672	9,014	9,028
Idaho	7,451	9,508	9,828	10,404	34	40	8,584	8,520	8,598	8,707
Wyoming	9,420	10,707	10,615	10,454	6	39	10,853	9,594	9,287	8,748
Colorado	8,944	12,532	12,892	13,158	11	18	10,304	11,229	11,279	11,011
New Mexico	7,138	9,696	9,915	10,113	40	43	8,223	8,688	8,674	8,463
Arizona	7,943	11,262	11,931	12,428	29	26	9,151	10,091	10,438	10,400
Utah	6,874	9,145	9,468	9,727	44	48	7,920	8,194	8,283	8,139
Nevada	9,714	12,409	13,179	13,896	5	11	11,191	11,119	11,530	11,628
Pacific	**9,656**	**13,318**	**13,982**	**14,690**	(X)	(X)	**11,125**	**11,934**	**12,233**	**12,293**
Washington	9,213	12,458	13,185	13,773	7	12	10,615	11,163	11,535	11,526
Oregon	8,304	10,793	11,395	11,960	21	30	9,566	9,671	9,969	10,008
California	9,875	13,715	14,384	15,138	3	6	11,377	12,289	12,584	12,668
Alaska	11,572	16,250	16,010	15,724	1	4	13,332	14,561	14,007	13,158
Hawaii	9,065	11,980	12,684	13,461	9	15	10,443	10,735	11,097	11,264

X Not applicable.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, August issues; and unpublished data.

No. 700. Personal Income in Current and Constant (1982) Dollars—States: 1970 to 1987

[1987 preliminary. 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 689, 690, and 695. See text, section 14. For composition of regions, see fig. I, inside front cover. Minus sign (–) indicates decrease]

Region, division, and state	Current dollars (bil. dol.)				Constant (1982) dollars								
					Total (bil. dol.)				Average annual percent change [1]			Percent of U.S.	
	1970	1980	1986	1987	1970	1980	1986	1987	1970–1980	1980–1986	1986–1987	1970	1987
U.S	**825.5**	**2,254.1**	**3,521.4**	**3,768.1**	**1,846.8**	**2,596.9**	**3,080.8**	**3,153.2**	**3.5**	**2.9**	**2.4**	**100.0**	**100.0**
Regions:													
Northeast	223.8	521.5	831.1	897.3	500.7	600.8	727.1	750.9	1.8	3.2	3.3	27.1	23.8
Midwest	229.4	584.4	848.1	898.3	513.1	673.3	742.0	751.7	2.8	1.6	1.3	27.8	23.8
South	218.5	677.4	1,089.7	1,162.7	488.8	780.4	953.4	972.9	4.8	3.4	2.1	26.5	30.9
West	153.9	470.8	752.5	809.9	344.2	542.3	658.4	677.7	4.7	3.3	2.9	18.6	21.5
N.E	**52.8**	**130.4**	**218.6**	**238.6**	**118.1**	**150.2**	**191.3**	**199.7**	**2.4**	**4.1**	**4.4**	**6.4**	**6.3**
ME	3.4	9.3	15.1	16.6	7.6	10.7	13.2	13.9	3.5	3.6	5.2	.4	.4
NH	2.9	9.0	16.8	18.5	6.5	10.4	14.7	15.5	4.8	5.9	5.2	.3	.5
VT	1.6	4.4	7.2	7.8	3.6	5.1	6.3	6.6	3.5	3.7	4.1	.2	.2
MA	25.7	60.9	102.9	112.1	57.6	70.2	90.0	93.8	2.0	4.2	4.2	3.1	3.0
RI	3.9	9.0	14.2	15.3	8.6	10.4	12.4	12.8	1.9	3.0	3.2	.5	.4
CT	15.3	37.7	62.4	68.3	34.2	43.4	54.6	57.1	2.4	3.9	4.6	1.9	1.8
M.A	**171.0**	**391.1**	**612.5**	**656.6**	**382.5**	**450.6**	**535.9**	**551.2**	**1.7**	**2.9**	**2.9**	**20.7**	**17.5**
NY	88.7	188.3	299.3	320.9	198.5	217.0	261.9	268.6	.9	3.2	2.6	10.7	8.5
NJ	34.5	85.4	143.3	156.1	77.3	98.3	125.4	130.7	2.4	4.1	4.2	4.2	4.1
PA	47.7	117.4	169.9	181.6	106.8	135.3	148.6	151.9	2.4	1.6	2.2	5.8	4.8
E.N.C	**167.4**	**420.3**	**602.1**	**637.5**	**374.5**	**484.2**	**526.8**	**533.4**	**2.6**	**1.4**	**1.3**	**20.3**	**16.9**
OH	43.0	105.0	148.9	157.6	96.3	121.0	130.3	131.9	2.3	1.2	1.2	5.2	4.2
IN	19.6	50.8	72.2	77.0	43.9	58.5	63.2	64.4	2.9	1.3	1.9	2.4	2.0
IL	50.8	124.0	179.1	190.4	113.6	142.8	156.7	159.4	2.3	1.6	1.7	6.1	5.1
MI	36.8	94.1	135.3	141.6	82.2	108.4	118.4	118.5	2.8	1.5	.1	4.5	3.8
WI	17.2	46.4	66.6	70.9	38.5	53.5	58.3	59.3	3.3	1.4	1.8	2.1	1.9
W.N.C	**62.0**	**164.1**	**245.9**	**260.9**	**138.7**	**189.1**	**215.2**	**218.3**	**3.1**	**2.2**	**1.5**	**7.5**	**6.9**
MN	15.2	41.1	63.2	67.6	34.1	47.4	55.3	56.6	3.3	2.6	2.4	1.8	1.8
IA	10.8	27.8	38.0	40.3	24.1	32.0	33.2	33.8	2.9	.6	1.6	1.3	1.1
MO	17.8	45.8	70.6	74.9	39.9	52.7	61.8	62.7	2.8	2.7	1.5	2.2	2.0
ND	1.9	5.6	8.4	8.7	4.3	6.4	7.4	7.3	4.0	2.3	–1.0	.2	.2
SD	2.1	5.7	8.4	8.9	4.8	6.5	7.3	7.4	3.2	1.9	1.9	.3	.2
NE	5.6	14.6	21.7	22.8	12.5	16.8	19.0	19.1	3.0	2.0	.8	.7	.6
KS	8.5	23.6	35.7	37.4	19.0	27.1	31.2	31.3	3.7	2.3	.4	1.0	1.0
S.A	**113.8**	**340.6**	**576.7**	**626.9**	**254.5**	**392.4**	**504.6**	**524.6**	**4.4**	**4.3**	**4.0**	**13.8**	**16.6**
DE	2.5	6.1	9.8	10.8	5.6	7.0	8.6	9.0	2.2	3.4	4.8	.3	.3
MD	17.8	45.6	75.6	82.2	39.4	52.5	66.1	68.8	2.9	3.9	4.1	2.1	2.2
DC	4.0	7.9	11.8	12.7	8.9	9.1	10.3	10.6	.2	2.2	3.1	.5	.3
VA	17.4	52.8	89.4	97.5	39.0	60.8	78.2	81.6	4.5	4.3	4.4	2.1	2.6
WV	5.4	15.5	20.3	20.9	12.0	17.8	17.8	17.5	4.0	–	–1.5	.7	.6
NC	16.5	47.2	78.7	85.4	36.9	54.4	68.8	71.4	3.9	4.0	3.8	2.0	2.3
SC	7.8	23.8	38.2	41.1	17.5	27.4	33.4	34.4	4.6	3.3	3.0	.9	1.1
GA	15.6	45.8	82.1	89.0	34.8	52.8	71.8	74.5	4.3	5.3	3.7	1.9	2.4
FL	27.0	96.1	171.0	187.4	60.4	110.7	149.6	156.8	6.2	5.1	4.8	3.3	5.0
E.S.C	**38.5**	**113.9**	**170.6**	**183.2**	**86.1**	**131.2**	**149.3**	**153.3**	**4.3**	**2.2**	**2.7**	**4.7**	**4.9**
KY	10.1	29.4	42.0	44.9	22.7	33.9	36.7	37.6	4.1	1.4	2.4	1.2	1.2
TN	12.4	37.0	57.5	62.5	27.8	42.6	50.3	52.3	4.4	2.8	4.0	1.5	1.7
AL	10.2	30.1	45.7	48.8	22.7	34.6	40.0	40.8	4.3	2.4	2.0	1.2	1.3
MS	5.8	17.5	25.4	27.0	12.9	20.2	22.2	22.6	4.6	1.6	1.9	.7	.7
W.S.C	**66.3**	**222.9**	**342.4**	**352.5**	**148.2**	**256.8**	**299.5**	**295.0**	**5.6**	**2.6**	**–1.5**	**8.0**	**9.4**
AR	5.5	17.1	26.1	27.5	12.2	19.7	22.9	23.0	4.9	2.5	.6	.7	.7
LA	11.2	36.7	50.5	51.2	25.1	42.3	44.2	42.8	5.4	.8	–3.1	1.4	1.4
OK	8.8	28.6	40.5	41.1	19.7	32.9	35.4	34.4	5.3	1.2	–3.0	1.1	1.1
TX	40.8	140.5	225.2	232.8	91.2	161.9	197.0	194.8	5.9	3.3	–1.1	4.9	6.2
Mt	**31.1**	**108.1**	**171.6**	**181.3**	**69.6**	**124.6**	**150.1**	**151.7**	**6.0**	**3.2**	**1.1**	**3.8**	**4.8**
MT	2.5	7.0	9.6	10.0	5.5	8.1	8.4	8.4	4.0	.6	–.3	.3	.3
ID	2.6	8.1	11.2	11.8	5.6	9.4	9.8	9.9	5.3	.7	1.2	.3	.3
WY	1.3	5.4	6.5	6.2	2.8	6.2	5.6	5.2	8.1	–1.5	–7.7	.2	.2
CO	9.0	30.8	49.4	51.4	20.0	35.5	43.2	43.0	5.9	3.3	–.5	1.1	1.4
NM	3.2	10.7	16.9	17.8	7.2	12.3	14.8	14.9	5.5	3.1	.6	.4	.5
AZ	6.8	25.1	44.9	48.5	15.2	28.9	39.2	40.6	6.6	5.2	3.3	.8	1.3
UT	3.5	11.7	18.3	19.1	7.9	13.5	16.0	16.0	5.6	2.9	.1	.4	.5
NV	2.4	9.3	14.9	16.5	5.4	10.7	13.1	13.8	7.1	3.5	5.5	.3	.4
Pac	**122.8**	**362.6**	**580.9**	**628.6**	**274.6**	**417.8**	**508.3**	**526.0**	**4.3**	**3.3**	**3.5**	**14.9**	**16.7**
WA	14.2	44.6	66.3	70.8	31.8	51.3	58.0	59.2	4.9	2.1	2.1	1.7	1.9
OR	8.2	26.1	35.8	38.2	18.3	30.0	31.3	32.0	5.1	.7	2.2	1.0	1.0
CA	95.0	276.1	453.4	493.0	212.6	318.1	396.7	412.5	4.1	3.7	4.0	11.5	13.1
AK	1.5	5.6	9.8	9.8	3.5	6.5	8.6	8.0	6.4	4.8	–6.3	.2	.3
HI	3.8	10.3	15.6	17.0	8.4	11.8	13.7	14.2	3.4	2.4	3.8	.5	.5

– Represents zero. [1] 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. 701. Personal Income Per Capita in Current and Constant (1982) Dollars—States: 1970 to 1987

[1987 preliminary. See headnote, table 700]

Region, division, and state	Current dollars					Income rank		Constant (1982) dollars				
	1970	1980	1985	1986	1987	1980	1987	1970	1980	1985	1986	1987
U.S.	4,051	9,919	13,895	14,606	15,481	(X)	(X)	9,063	11,427	12,451	12,779	12,955
Region:												
Northeast	4,553	10,603	15,579	16,604	17,846	(X)	(X)	10,186	12,216	13,960	14,526	14,934
Midwest	4,047	9,919	13,572	14,303	15,088	(X)	(X)	9,055	11,427	12,162	12,514	12,626
South	3,467	8,944	12,606	13,128	13,860	(X)	(X)	7,757	10,305	11,295	11,486	11,599
West	4,401	10,843	14,748	15,438	16,295	(X)	(X)	9,846	12,492	13,215	13,507	13,636
New England	**4,445**	**10,542**	**15,944**	**17,158**	**18,579**	(X)	(X)	**9,943**	**12,145**	**14,287**	**15,011**	**15,547**
Maine	3,405	8,218	11,876	12,846	13,854	39	31	7,617	9,468	10,642	11,239	11,677
New Hampshire	3,890	9,788	15,373	16,396	17,529	23	8	8,702	11,276	13,775	14,345	14,669
Vermont	3,604	8,577	12,383	13,320	14,302	35	27	8,063	9,881	11,096	11,654	11,968
Massachusetts	4,514	10,612	16,305	17,635	19,142	12	3	10,098	12,226	14,610	15,429	16,018
Rhode Island	4,050	9,518	13,763	14,589	15,555	27	18	9,060	10,965	12,332	12,764	13,017
Connecticut	5,037	12,112	18,217	19,547	21,266	2	1	11,268	13,954	16,323	17,101	17,796
Middle Atlantic	**4,588**	**10,624**	**15,455**	**16,414**	**17,595**	(X)	(X)	**10,263**	**12,240**	**13,848**	**14,361**	**14,724**
New York	4,855	10,721	15,786	16,821	18,004	10	6	10,861	*12,351*	*14,145*	*14,717*	*15,066*
New Jersey	4,805	11,573	17,626	18,793	20,352	4	2	10,749	13,333	15,794	16,442	17,031
Pennsylvania	4,042	9,891	13,573	14,281	15,212	18	20	9,043	11,395	12,162	12,494	12,730
East North Central	**4,151**	**10,077**	**13,700**	**14,432**	**15,212**	(X)	(X)	**9,287**	**11,610**	**12,276**	**12,626**	**12,730**
Ohio	4,033	9,723	13,219	13,857	14,612	25	24	9,022	11,202	11,845	12,123	12,228
Indiana	3,771	9,245	12,433	13,124	13,914	31	32	8,436	10,651	11,141	11,482	11,644
Illinois	4,563	10,837	14,728	15,503	16,442	7	11	10,208	12,485	13,197	13,563	13,759
Michigan	4,133	10,165	14,008	14,807	15,393	15	19	9,246	11,711	12,552	12,955	12,881
Wisconsin	3,889	9,845	13,174	13,923	14,742	20	22	8,700	11,342	11,805	12,181	12,336
West North Central	**3,791**	**9,534**	**13,269**	**13,998**	**14,792**	(X)	(X)	**8,481**	**10,984**	**11,890**	**12,246**	**12,378**
Minnesota	3,995	10,062	14,149	14,995	15,927	16	13	8,937	11,592	12,678	13,119	13,328
Iowa	3,804	9,537	12,570	13,335	14,236	26	29	8,510	10,987	11,263	11,667	11,913
Missouri	3,809	9,298	13,256	13,946	14,687	29	23	8,521	10,712	11,878	12,201	12,290
North Dakota	3,129	8,538	11,921	12,440	13,004	37	35	7,000	9,836	10,682	10,884	10,882
South Dakota	3,200	8,217	11,017	11,603	12,550	40	39	7,159	9,467	9,872	10,326	10,502
Nebraska	3,759	9,274	12,982	13,572	14,328	30	25	8,409	10,684	11,633	11,874	11,990
Kansas	3,770	9,941	13,826	14,503	15,126	17	21	8,434	11,453	12,389	12,689	12,658
South Atlantic	**3,694**	**9,171**	**13,301**	**14,087**	**15,040**	(X)	(X)	**8,265**	**10,566**	**11,918**	**12,325**	**12,586**
Delaware	4,587	10,249	14,590	15,498	16,696	14	9	10,262	11,808	13,073	13,559	13,972
Maryland	4,475	10,790	15,980	16,934	18,124	8	5	10,011	12,431	14,319	14,815	15,167
District of Columbia	5,250	12,322	17,756	18,876	20,457	(X)	(X)	11,745	14,196	15,910	16,514	17,119
Virginia	*3,743*	*9,827*	*14,472*	*15,423*	*16,517*	*21*	*10*	*8,374*	*11,321*	*12,968*	*13,493*	*13,822*
West Virginia	3,078	7,915	10,099	10,587	11,020	46	49	6,886	9,119	9,049	9,262	9,222
North Carolina	3,236	7,999	11,665	12,423	13,314	44	34	7,239	9,215	10,453	10,869	11,141
South Carolina	3,004	7,589	10,734	11,286	12,004	48	42	6,720	8,743	9,618	9,874	10,045
Georgia	3,377	8,348	12,618	13,454	14,300	38	28	7,555	9,618	11,306	11,771	11,967
Florida	3,943	9,764	13,921	14,622	15,584	24	16	8,821	11,249	12,474	12,793	13,041
East South Central	**2,997**	**7,752**	**10,645**	**11,224**	**11,985**	(X)	(X)	**6,705**	**8,930**	**9,538**	**9,820**	**10,029**
Kentucky	3,141	8,022	10,775	11,268	12,059	43	41	7,027	9,242	9,655	9,858	10,091
Tennessee	3,151	8,030	11,263	11,984	12,880	42	36	7,049	9,251	10,092	10,485	10,778
Alabama	2,945	7,704	10,705	11,293	11,940	47	43	6,588	8,876	9,592	9,880	9,992
Mississippi	2,597	6,926	9,239	9,663	10,292	50	50	5,810	7,979	8,279	8,454	8,613
West South Central	**3,418**	**9,326**	**12,669**	**12,744**	**13,100**	(X)	(X)	**7,647**	**10,744**	**11,352**	**11,150**	**10,962**
Arkansas	2,827	7,465	10,523	11,025	11,507	49	46	6,324	8,600	9,429	9,646	9,629
Louisiana	3,071	8,682	11,291	11,233	11,473	34	47	6,870	10,002	10,117	9,828	9,601
Oklahoma	3,436	9,393	12,124	12,249	12,551	28	38	7,687	10,821	10,864	10,717	10,503
Texas	3,629	9,798	13,466	13,494	13,866	22	33	8,119	11,288	12,066	11,806	11,603
Mountain	**3,725**	**9,445**	**12,723**	**13,218**	**13,769**	(X)	(X)	**8,334**	**10,881**	**11,401**	**11,564**	**11,522**
Montana	3,528	8,924	11,021	11,726	12,347	33	40	7,893	10,281	9,875	10,259	10,332
Idaho	3,467	8,569	10,823	11,172	11,866	36	45	7,756	9,872	9,698	9,774	9,931
Wyoming	3,797	11,339	12,827	12,723	12,709	6	37	8,494	13,063	11,494	11,131	10,635
Colorado	4,025	10,598	14,678	15,114	15,584	13	17	9,004	12,210	13,152	13,223	13,041
New Mexico	3,145	8,169	11,203	11,459	11,875	41	44	7,036	9,411	10,039	10,025	9,937
Arizona	*3,789*	*9,172*	*12,955*	*13,679*	*14,315*	*32*	*26*	*8,477*	*10,567*	*11,608*	*11,969*	*11,979*
Utah	3,297	7,952	10,642	10,968	11,366	45	48	7,376	9,161	9,536	9,596	9,511
Nevada	4,678	11,421	14,671	15,453	16,366	5	12	10,913	13,158	13,146	13,520	13,695
Pacific	**4,614**	**11,343**	**15,485**	**16,244**	**17,206**	(X)	(X)	**10,321**	**13,069**	**13,876**	**14,212**	**14,398**
Washington	4,165	10,725	14,060	14,866	15,599	9	15	9,318	12,356	12,599	13,006	13,054
Oregon	3,889	9,866	12,628	13,239	14,041	19	30	8,700	11,366	11,315	11,583	11,750
California	4,746	11,603	16,016	16,792	17,821	3	7	10,617	13,368	14,351	14,691	14,913
Alaska	5,073	13,835	18,726	18,378	18,230	1	4	11,349	15,939	16,780	16,079	15,255
Hawaii	4,944	10,617	13,867	14,683	15,679	11	14	11,060	12,232	12,426	12,846	13,121

X Not applicable.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, August issues; and unpublished data.

NO. 702. TOTAL PERSONAL INCOME AND PERSONAL INCOME PER CAPITA FOR SELECTED METROPOLITAN AREAS: 1984 TO 1986

[As defined June 30, 1988, CMSA=Consolidated Metropolitan Statistical Area; NECMA=New England County Metropolitan Area; MSA=Metropolitan Statistical Area. See text, section 1 and Appendix II. Minus sign (–) indicates decrease]

METROPOLITAN AREA, RANKED BY 1987 POPULATION [1]	TOTAL PERSONAL INCOME				PER CAPITA PERSONAL INCOME			
	1984 (mil. dol.)	1985 (mil. dol.)	1986 (mil. dol.)	Annual percent change 1985–86	1984 (dol.)	1985 (dol.)	1986 (dol.)	Percentage of national average 1986
United States [2]	**3,101,163**	**3,320,346**	**3,526,589**	**6.3**	**13,116**	**13,910**	**14,639**	(X)
New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA [3]	296,236	317,663	343,124	8.0	16,724	17,859	19,238	131.4
Los Angeles-Anaheim-Riverside, CA CMSA	189,261	205,928	222,432	8.0	15,155	16,139	17,012	116.2
Chicago-Gary-Lake County (IL), IL-IN-WI CMSA	119,545	126,332	133,924	6.0	14,839	15,634	16,501	112.7
San Francisco-Oakland-San Jose, CA CMSA	102,338	110,421	117,968	6.8	17,931	19,029	20,070	137.1
Philadelphia-Wilmington-Trenton, PA-NJ-DE-MD CMSA	82,356	88,903	94,919	6.8	14,302	15,364	16,274	111.2
Detroit-Ann Arbor, MI CMSA	65,896	72,041	76,769	6.6	14,380	15,688	16,686	114.0
Boston-Lawrence-Salem-Lowell-Brockton, MA NECMA	59,929	64,616	70,237	8.7	16,198	17,411	18,959	129.5
Dallas-Fort Worth, TX CMSA	52,547	58,146	60,690	4.4	15,548	16,492	16,603	113.4
Washington, DC-MD-VA MSA	60,248	66,153	71,789	8.5	17,519	18,935	20,148	137.6
Houston-Galveston-Brazoria, TX CMSA	52,213	54,572	54,101	–.9	14,541	15,136	14,866	101.7
Miami-Fort Lauderdale, FL CMSA	40,407	43,650	47,010	7.7	14,274	15,238	16,144	110.3
Cleveland-Akron-Lorain, OH CMSA	38,567	40,646	42,560	4.7	13,843	14,659	15,389	105.1
Atlanta, GA MSA	34,082	38,221	42,012	9.9	14,324	15,478	16,408	112.1
St. Louis, MO-IL MSA	34,266	36,497	38,658	5.9	14,257	15,067	15,857	108.3
Seattle-Tacoma, WA CMSA	32,934	35,512	38,378	8.1	14,897	15,779	16,799	114.8
Minneapolis-St. Paul, MN-WI MSA	34,494	37,118	39,599	6.7	15,487	16,411	17,253	117.9
Baltimore, MD MSA	32,567	35,185	37,481	6.5	14,551	15,627	16,439	112.3
Pittsburgh-Beaver Valley, PA CMSA	30,733	31,952	33,209	3.9	12,972	13,687	14,338	97.9
San Diego, CA MSA	29,154	32,219	35,090	8.9	14,053	15,108	15,940	108.9
Tampa-St. Petersburg-Clearwater, FL MSA	23,511	25,714	27,833	8.2	12,927	13,747	14,539	99.3
Phoenix, AZ MSA	23,493	26,467	29,062	9.8	13,567	14,569	15,294	104.5
Denver-Boulder, CO CMSA	28,435	30,092	31,433	4.5	15,820	16,462	17,014	116.2
Cincinnati-Hamilton, OH-KY-IN CMSA	21,744	23,115	24,649	6.6	12,997	13,748	14,585	99.6
Milwaukee-Racine, WI CMSA	22,216	23,304	24,550	5.3	14,342	15,022	15,818	108.1
Kansas City, MO-KS MSA	20,654	22,315	23,670	6.1	13,962	14,865	15,595	106.5
Portland-Vancouver, OR-WA CMSA	17,995	19,088	20,212	5.9	13,447	14,139	14,818	101.2
Norfolk-Virginia Beach-Newport News, VA MSA	15,521	16,801	18,156	8.1	12,281	13,124	13,866	94.7
Sacramento, CA MSA	16,469	18,206	19,828	8.9	13,475	14,494	15,354	104.9
New Orleans, LA MSA	16,428	16,975	17,131	.9	12,406	12,764	12,838	87.7
Columbus, OH MSA	16,415	17,667	18,810	6.3	12,873	13,745	14,476	98.9
San Antonio, TX MSA	14,085	15,537	16,221	4.4	11,692	12,514	12,709	86.8
Indianapolis, IN MSA	15,738	16,894	18,000	6.5	13,178	14,039	14,844	101.4
Buffalo-Niagara Falls, NY CMSA	15,323	16,063	16,890	5.1	12,849	13,556	14,294	97.6
Hartford-New Britain-Middletown-Bristol, CT NECMA	17,381	18,745	20,405	8.9	16,275	17,418	18,834	128.7
Charlotte-Gastonia-Rock Hill, NC-SC MSA	12,834	13,963	15,206	8.9	12,442	13,257	14,273	97.5
Salt Lake City-Ogden, UT MSA	11,150	11,934	12,460	4.4	11,041	11,640	11,964	81.7
Rochester, NY MSA	13,965	14,960	15,854	6.0	14,298	15,336	16,172	110.5
Oklahoma City, OK MSA	12,814	13,242	13,267	.2	13,191	13,526	13,497	92.2
Memphis, TN-AR-MS MSA	11,193	12,001	12,838	7.0	11,935	12,631	13,380	91.4
Louisville, KY-IN MSA	11,922	12,527	13,187	5.3	12,371	13,000	13,697	93.6
Nashville, TN MSA	11,092	12,200	13,261	8.7	12,392	13,392	14,248	97.3
Dayton-Springfield, OH MSA	11,953	12,783	13,488	5.5	12,864	13,737	14,449	98.7
Orlando, FL MSA	10,594	11,801	13,001	10.2	12,781	13,680	14,471	98.9
Birmingham, AL MSA	10,412	11,231	11,933	6.3	11,619	12,417	13,099	89.5
Greensboro-Winston Salem-High Point, NC MSA	11,262	12,142	13,044	7.4	12,730	13,576	14,501	99.1
Providence-Pawtucket-Woonsocket, RI NECMA	11,337	11,997	12,803	6.7	12,932	13,591	14,385	98.3
Jacksonville, FL MSA	9,935	10,911	11,760	7.8	12,448	13,219	13,792	94.2
Albany-Schenectady-Troy, NY MSA	11,089	11,807	12,686	7.5	13,250	14,071	15,041	102.7

X Not applicable. [1] For 1987 population, see table 36. [2] Includes other areas not listed separately. [3] Includes Bridgeport-Stamford-Norwalk-Danbury, CT NECMA.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, April issues; and unpublished data.

NO. 703. PERCENT DISTRIBUTION AND AVERAGE ANNUAL PERCENT CHANGE OF SHARES OF NATIONAL INCOME, BY TYPE: 1970 TO 1987

[For definition of average annual percent change, see Guide to Tabular Presentation]

TYPE OF INCOME	PERCENT DISTRIBUTION						AVERAGE ANNUAL PERCENT CHANGE				
	1970	1975	1980	1985	1986	1987	1970–1975	1975–1980	1980–1985	1985–1986	1986–1987
National income, total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**9.1**	**11.3**	**8.0**	**6.3**	**7.0**
Compensation of employees	74.3	73.6	74.3	73.2	72.9	72.9	8.9	11.5	7.6	5.9	7.0
Wages and salaries	66.2	63.2	62.3	61.1	60.9	61.1	8.1	11.0	7.6	6.0	7.4
Supplements to wages, salaries	8.0	10.4	12.1	12.1	12.0	11.8	14.9	14.7	8.1	5.3	5.3
Proprietors' income [1]	9.6	9.7	8.2	7.9	8.3	8.5	9.4	7.6	7.2	12.0	9.1
Farm	1.8	2.0	.9	.9	1.1	1.2	11.6	−4.2	8.1	20.5	18.1
Nonfarm	7.9	7.8	7.3	7.0	7.3	7.3	8.9	9.9	7.1	10.9	7.9
Rental income of persons [2]	2.2	1.0	.3	.3	.4	.5	−5.8	−13.3	6.9	34.8	48.4
Corporate profits [1]	9.0	9.1	8.0	8.7	8.7	8.4	9.5	8.5	9.8	5.9	3.8
Profits before tax	9.1	10.5	10.8	6.9	6.9	7.5	12.1	12.0	−1.1	5.4	17.0
Profits after tax	5.0	6.5	6.9	4.0	3.8	3.9	15.0	12.7	−3.5	1.6	10.1
Inventory valuation adjustment	−.8	−.9	−2.0	(−z)	.2	−.5	(x)	(x)	(x)	(x)	(x)
Capital consumption adjustment	.6	−.5	−.8	1.8	1.6	1.4	(x)	(x)	28.9	−9.2	−4.6
Net interest	4.9	6.5	9.1	9.9	9.7	9.6	15.3	19.1	9.7	4.0	6.5

X Not applicable. Z Less than .05 percent. [1] With inventory valuation and capital consumption adjustments. [2] 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. 704. FLOW OF FUNDS ACCOUNTS—COMPOSITION OF INDIVIDUALS' SAVINGS: 1970 TO 1987

[**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	1982	1983	1984	1985	1986	1987
Increase in financial assets	**83.3**	**182.3**	**314.5**	**391.9**	**468.5**	**544.1**	**549.3**	**534.6**	**416.5**
Checkable deposits and currency	8.9	6.1	11.2	18.0	37.0	16.7	39.3	101.0	16.3
Time and savings deposits	43.6	77.7	122.9	117.8	196.7	221.5	129.8	104.1	93.0
Money market fund shares	–	1.3	24.5	32.8	−31.1	44.0	12.1	42.6	27.9
Securities	.4	14.2	4.0	57.6	92.4	73.4	125.9	37.2	77.1
U.S. savings bonds	.3	4.0	−7.3	.2	3.1	3.0	5.3	13.6	7.8
Other U.S. Treasury securities	−11.5	14.8	26.0	52.5	66.8	76.5	25.8	−2.8	25.7
U.S. Government agency securities	6.1	−4.1	4.9	−1.0	−10.5	15.3	28.2	−11.0	14.2
Tax-exempt obligations	−.9	6.2	7.0	24.7	39.1	29.5	47.9	−8.2	55.7
Corporate and foreign bonds	10.7	8.3	−13.2	(z)	−11.6	5.2	11.8	34.7	23.0
Open-market paper	−3.7	−11.2	−2.4	−13.6	1.4	−.1	39.9	−10.4	5.0
Mutual fund shares	2.0	−.4	1.1	7.0	24.0	24.0	69.8	154.1	66.6
Other corporate equities	−2.6	−3.5	−12.0	−12.1	−19.9	−80.0	−102.7	−132.8	−122.7
Private life insurance reserves	5.2	7.9	9.7	7.0	7.8	5.0	10.4	17.2	15.2
Private insured pension reserves	2.9	8.7	22.3	39.7	38.8	46.7	63.4	77.5	80.4
Private noninsured pension reserves	7.2	40.2	51.2	48.5	53.5	36.8	48.4	28.3	14.1
Government insurance and pension reserves	8.9	15.1	35.3	43.9	53.5	63.9	72.3	78.7	66.4
Miscellaneous financial assets	6.3	11.1	33.4	26.7	19.9	35.9	47.8	48.0	26.0
Gross investment in tangible assets	**150.5**	**236.4**	**403.4**	**434.0**	**505.1**	**607.7**	**635.0**	**701.0**	**732.5**
Owner-occupied homes	28.1	51.9	113.6	89.9	124.9	154.6	159.7	182.0	205.3
Other fixed assets [1]	36.4	45.1	79.6	94.8	98.8	101.5	102.8	107.2	96.6
Consumer durables	85.7	135.4	219.3	252.7	289.1	335.6	368.7	402.4	413.7
Inventories [1]	.4	4.0	−9.1	−3.4	−7.6	16.1	3.8	9.4	16.9
Capital consumption allowances	**102.9**	**173.0**	**311.1**	**365.1**	**381.9**	**399.3**	**424.6**	**450.4**	**483.5**
Owner-occupied homes	13.5	24.4	47.0	54.3	57.0	60.0	64.4	67.1	70.0
Other fixed assets [1]	23.7	41.6	76.8	95.5	98.4	102.6	105.7	108.3	114.3
Consumer durables	*65.8*	*107.0*	*187.4*	*215.4*	*226.4*	*236.7*	*254.6*	*275.0*	*299.2*
Net investment in tangible assets	**47.6**	**63.4**	**92.3**	**68.9**	**123.2**	**208.4**	**210.4**	**250.6**	**248.9**
Owner-occupied homes	14.6	27.5	66.6	35.6	67.8	94.6	95.4	114.9	135.3
Other fixed assets [1]	12.7	3.5	2.9	−.6	.3	−1.1	−2.9	−1.1	−17.7
Consumer durables	19.9	28.4	31.9	37.2	62.7	98.8	114.1	127.4	114.5
Inventories [1]	.4	4.0	−9.1	−3.4	−7.6	16.1	3.8	9.4	16.9
Net increase in debt [2]	**41.4**	**76.7**	**175.6**	**142.0**	**280.0**	**331.5**	**393.7**	**392.7**	**332.2**
Mortgage debt on nonfarm homes	13.4	38.2	96.4	49.5	110.8	129.0	151.0	197.4	209.3
Other mortgage debt [1]	16.6	18.4	33.1	37.1	69.3	87.7	86.3	100.6	90.2
Consumer credit	5.5	9.1	2.9	19.3	56.6	90.4	94.6	65.8	41.8
Security credit	−1.8	.7	6.5	3.8	8.4	−3.1	16.7	8.6	−14.1
Other debt [1]	5.4	8.6	30.1	28.1	33.9	27.0	45.2	20.5	5.4
Individuals' saving	**89.5**	**169.0**	**231.2**	**318.8**	**311.7**	**421.0**	**366.1**	**392.6**	**333.2**
Less: Government insurance and pension reserve	8.9	15.1	35.3	43.9	53.5	63.9	72.3	78.7	66.4
Net investment in consumer durables	19.9	28.4	31.9	37.2	62.7	98.8	114.1	127.4	114.5
Capital gains dividends from mutual funds	.9	.2	1.8	2.4	4.4	6.0	4.9	17.5	22.4
Net saving by farm corporations	(z)	.5	.5	.5	.6	.7	.9	.6	.9
Equals: Personal saving, flow of funds basis [3]	**59.8**	**124.8**	**161.8**	**234.8**	**190.5**	**251.6**	**174.0**	**168.4**	**128.9**

– Represents zero. Z Less than $50 million. [1] Includes corporate farms. [2] Includes items not shown separately. [3] 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. 705. Annual Growth Rates of Real Gross Domestic Product—International Comparisons, Selected Periods: 1950-86 to 1985-86

[In percent. See also *Historical Statistics, Colonial Times to 1970*, series F 10-16. Minus sign (−) indicates decline]

Country	1950-86	1960-70	1970-75	1970-80	1980-85	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86
United States	3.2	3.8	2.3	2.8	3.0	2.0	–	3.7	−2.5	4.0	7.0	3.1	3.0
Per capita	1.9	2.5	1.2	1.7	2.0	.9	−1.2	2.6	−3.5	3.0	6.0	2.2	2.0
Canada	4.5	5.2	5.2	4.6	2.8	3.9	1.5	3.7	−3.2	3.2	6.3	4.2	3.3
Per capita	2.7	3.3	3.9	3.3	1.7	2.9	.2	2.4	−4.4	2.2	5.3	3.3	2.1
France	4.1	5.6	4.0	3.6	1.5	3.2	1.6	1.2	2.5	.7	1.4	1.7	2.1
Per capita	3.3	4.5	3.2	3.0	1.0	2.8	1.1	.6	2.0	.2	1.0	1.3	1.7
Italy	[1] 4.2	5.7	2.4	3.1	1.6	4.9	3.9	1.1	.2	.5	3.5	2.7	2.7
Per capita	[1] 3.7	5.0	1.7	2.6	1.4	4.6	3.7	1.0	–	.1	3.2	2.5	2.6
Japan	[2] 7.0	10.5	4.3	4.6	3.9	5.2	4.4	3.9	2.8	3.2	5.0	4.5	2.4
Per capita	[2] 5.9	9.3	2.8	3.4	3.2	4.3	3.6	3.1	2.2	2.4	4.3	3.9	1.9
United Kingdom	2.4	2.8	2.1	1.9	1.8	2.1	−2.1	−1.2	1.1	3.5	2.0	3.7	2.9
Per capita	2.1	2.2	1.9	1.8	1.7	2.0	−2.2	−1.3	1.2	3.4	1.8	3.5	2.7
West Germany	4.4	4.5	2.1	2.7	1.3	4.2	1.4	.2	−.6	1.5	2.7	2.6	2.5
Per capita	3.7	3.6	1.7	2.5	1.4	4.1	1.0	–	−.6	1.9	3.2	2.9	2.5

– Represents zero. [1] Initial year 1951. [2] Initial year 1952.

Source: U.S. Bureau of Economic Analysis. Adapted from *Long Term Economic Growth, 1860-1970*, using data from the Organization for Economic Cooperation and Development.

No. 706. Gross Domestic Product of Selected Countries as Percent of United States: 1970 to 1986

[Comparisons are based on constant (1980) price data converted to U.S. dollars using 1980 exchange rates. See text, section 14]

Country	Gross domestic product								Per capita gross domestic product							
	1970	1975	1980	1982	1983	1984	1985	1986	1970	1975	1980	1982	1983	1984	1985	1986
United States	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Canada	8	9	10	10	10	10	10	10	79	90	93	92	91	90	91	91
France	23	25	25	25	25	23	23	23	92	101	104	108	105	100	99	99
Italy	16	17	17	17	16	16	16	16	63	64	68	70	68	66	66	67
Japan	33	36	39	42	41	40	41	41	65	70	77	82	81	80	81	81
United Kingdom	22	22	20	20	20	19	19	19	80	83	80	81	81	78	79	80
West Germany	30	30	30	30	29	28	28	28	103	105	112	112	111	108	109	109

Source: U.S. Bureau of Economic Analysis. Adapted from *Long Term Economic Growth, 1860-1970*, using data from the Organization for Economic Cooperation and Development.

No. 707. Selected International Economic Indicators: 1970 to 1987

[Data cover gross national product (GNP) at market prices, except for France, Italy, and the United Kingdom, which relate to gross domestic product. Gross fixed capital formation covers private and government sectors except military. Savings data are calculated by deducting outlays—such as personal consumption expenditures, interest paid, and transfer payments to foreigners—from disposable personal income. Minus sign (−) indicates decline]

Year	United States	France	West Germany	Italy	Netherlands	United Kingdom	Japan	Canada
GNP growth rates [1] (constant 1982 prices):								
1970	−.3	5.7	5.0	5.3	(NA)	2.2	9.9	2.5
1980	−.2	1.0	1.5	3.9	.6	−2.3	4.3	1.1
1983	3.6	.7	1.5	−.4	1.3	3.6	3.2	3.3
1984	6.8	1.5	3.0	2.6	1.7	2.0	5.1	4.7
1985	3.0	1.3	2.4	2.7	2.0	3.0	4.5	4.9
1986	2.9	2.1	2.5	2.9	1.7	2.9	2.5	3.1
1987	2.9	2.2	1.7	3.1	2.4	3.6	4.4	5.2
Ratio of gross fixed capital formation to GNP (current prices):								
1970	17.7	23.3	25.5	23.1	(NA)	18.3	35.6	21.0
1980	19.0	21.8	22.8	19.8	21.1	18.1	32.0	23.3
1983	17.1	19.8	20.6	18.0	18.1	16.4	28.2	19.9
1984	17.9	19.0	20.2	17.9	18.5	17.4	27.8	18.9
1985	18.0	18.8	19.5	18.2	18.4	17.1	27.6	19.2
1986	17.6	19.1	19.3	20.2	19.6	16.9	27.6	19.6
1987	17.2	19.4	19.2	19.9	20.0	16.9	28.8	20.4
Ratio of savings to disposable personal income:								
1970	8.1	16.7	14.7	[2] 21.6	14.0	9.6	18.2	5.3
1980	7.1	14.9	14.1	22.0	10.9	14.3	19.2	12.3
1983	5.4	14.9	12.5	22.8	13.0	10.6	17.3	13.3
1984	6.1	13.5	13.0	23.0	14.0	10.7	16.0	13.2
1985	4.5	12.3	12.7	19.7	12.4	9.3	16.0	13.9
1986	4.3	12.2	13.3	13.0	13.0	7.4	(NA)	11.5
1987	3.7	(NA)	13.4	(NA)	(NA)	5.6	(NA)	9.3

NA Not available. [1] Growth rates represent percentage change from preceding year. [2] Estimated.

Source: U.S. Dept. of Commerce, International Trade Administration, Office of Trade and Investment Analysis, official trade statistics of listed countries.

No. 708. Average Annual Income and Expenditures of All Consumer Units: 1986

[**In dollars.** Based on Consumer Expenditure Interview Survey; see text, section 14, for description of survey. In interpreting the expenditure data, several factors should be considered. First, the data are averages for the total civilian noninstitutional population. Second, expenditures reported here are direct out-of-pocket expenditures. Third, approximately 95 percent of all expenditures are covered in the Interview survey. Excluded are nonprescription drugs, household supplies and personal care items. The Interview survey must be integrated with the Diary survey to provide a complete picture of expenditures]

CHARACTERISTIC	Income before taxes [1]	Total expenditures	Food	Alcoholic beverages	HOUSING				Apparel and services	TRANSPORTATION			Health care	Life insurance	Retirement, pensions, Social Security	Other expenditures [3]	Personal taxes
					Total	Shelter	Fuel, utilities, and public services	Household operations and furnishings		Vehicles	Gasoline and motor oil	All other transportation [2]					
All consumer units	**25,481**	**22,710**	**3,363**	**273**	**6,888**	**3,986**	**1,646**	**1,256**	**1,149**	**2,340**	**916**	**1,559**	**1,062**	**293**	**1,836**	**3,031**	**2,290**
Age of reference person:																	
Under 25 years old	12,445	13,763	2,026	335	4,122	2,654	795	672	871	1,675	655	1,006	336	63	777	1,897	919
25–34 years old	25,831	22,500	3,117	354	7,473	4,588	1,510	1,375	1,161	2,587	919	1,546	686	223	1,967	2,469	2,366
35–44 years old	34,232	29,587	4,410	300	9,108	5,444	1,937	1,727	1,588	3,019	1,146	1,987	1,005	369	2,697	3,956	3,089
45–54 years old	33,447	30,577	4,439	325	8,448	4,966	2,050	1,432	1,581	3,405	1,219	2,214	1,172	444	2,918	4,412	3,360
55–64 years old	28,413	23,782	3,563	241	6,564	3,442	1,883	1,239	1,125	2,269	1,019	1,672	1,303	403	2,247	3,376	2,846
65–74 years old	17,893	16,898	2,767	151	4,995	2,469	1,593	933	710	1,396	687	1,151	1,537	318	539	2,647	1,187
75 years old and over	12,467	11,746	1,975	67	4,076	2,007	1,349	720	416	650	369	608	1,761	116	146	1,561	732
Region of residence:																	
Northeast	26,594	23,855	3,812	329	7,340	4,377	1,720	1,244	1,301	2,368	821	1,651	1,070	243	1,883	3,038	2,243
Midwest	23,325	21,356	3,114	257	6,232	3,339	1,722	1,171	1,116	2,364	867	1,386	996	282	1,711	3,034	1,900
South	24,587	21,570	3,114	218	6,394	3,515	1,661	1,217	1,049	2,355	964	1,444	1,114	336	1,739	2,845	2,300
West	28,602	25,180	3,626	328	8,094	5,209	1,439	1,446	1,202	2,253	1,000	1,878	1,046	286	2,116	3,350	2,807
Size of consumer unit:																	
One person	14,246	13,309	1,897	277	4,415	2,807	1,005	603	712	998	471	910	716	100	887	1,922	1,462
Two persons	26,686	23,442	3,244	287	6,998	3,999	1,683	1,315	1,106	2,449	922	1,622	1,240	349	1,926	3,299	2,703
Three persons	29,532	26,540	3,788	272	7,843	4,387	1,909	1,548	1,354	3,107	1,102	1,845	1,128	346	2,309	3,446	2,524
Four persons	35,742	30,610	4,672	268	9,303	5,289	2,130	1,884	1,579	3,346	1,251	2,104	1,199	423	2,714	3,751	2,997
Five persons	31,874	29,006	4,980	247	8,269	4,631	2,117	1,521	1,537	3,052	1,304	1,937	1,230	408	2,308	3,734	2,152
Six persons or more	29,795	28,944	5,398	199	8,573	4,779	2,280	1,514	1,517	3,042	1,404	1,890	1,152	360	1,974	3,434	1,740
Income before taxes:																	
Complete income reporters [1]	25,481	23,084	3,346	277	6,935	4,013	1,641	1,281	1,163	2,341	925	1,591	1,071	302	2,026	3,109	2,290
Quintiles of income:																	
Lowest 20 percent	3,808	11,252	2,059	159	3,803	2,145	1,150	509	574	892	489	645	710	135	194	1,593	144
Second 20 percent	10,767	13,749	2,405	159	4,542	2,560	1,356	625	625	1,157	659	897	925	163	513	1,704	396
Third 20 percent	19,534	19,821	3,009	262	6,070	3,490	1,530	1,050	983	1,900	906	1,410	1,129	229	1,352	2,571	1,391
Fourth 20 percent	31,630	26,640	3,768	314	7,607	4,358	1,831	1,418	1,293	2,898	1,169	1,948	1,116	410	2,660	3,457	2,876
Highest 20 percent	61,489	43,853	5,478	489	12,626	7,496	2,337	2,794	2,334	4,843	1,398	3,046	1,471	571	5,393	6,204	6,621
Incomplete reporting of income	(1)	19,380	3,512	240	6,465	3,747	1,682	1,035	1,029	2,332	842	1,273	980	213	149	2,345	(1)

[1] Income values are 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. [2] Includes other vehicle expenses and public transportation. [3] Includes entertainment, personal care, reading, education, tobacco and smoking supplies, cash contributions, and miscellaneous expenditures. For data on entertainment and reading, see table 378.

Source: U.S. Bureau of Labor Statistics, *Consumer Expenditure Survey: Results from 1986.* (BLS News Release, U.S.D.L.: 88–175.)

No. 709. Annual Income and Average Weekly Expenditures of All Consumer Units by Selected Characteristics: 1986

[In dollars. Based on Consumer Expenditure Diary Survey; see text, section 14, for description of survey]

Characteristic	Income before taxes [1]	Average weekly expenditures															
		Food, total	Food at home									Food away from home	Alcoholic beverages	Tobacco products and smoking supplies	Personal care products and services	Nonprescription drugs and supplies	Housekeeping supplies
			Total	Cereal and bakery products	Beef and pork	Poultry and other meats	Fish, sea food, and eggs	Milk, cream [2] and other dairy products	Fresh fruits and vegetables	Processed fruits and vegetables	Other food at home [3]						
All consumer units	25,784	59.60	37.73	5.29	5.86	3.16	1.79	4.82	3.73	2.41	10.65	21.87	4.84	3.60	5.01	2.31	6.07
Age of reference person:																	
Under 25 years old	12,542	36.46	19.18	2.71	2.67	1.48	.79	2.72	1.45	1.17	6.21	17.28	5.31	2.49	2.65	1.13	2.82
25–34 years old	26,768	59.01	35.63	4.92	5.22	2.99	1.55	4.74	3.20	2.27	10.75	23.37	6.48	3.71	4.68	1.54	5.56
35–44 years old	36,065	77.43	48.10	6.90	7.72	3.96	2.11	6.25	4.32	2.99	13.84	29.33	5.12	4.51	6.43	2.32	7.90
45–54 years old	34,916	78.22	50.75	6.86	8.48	4.34	2.65	6.19	4.77	3.18	14.26	27.47	5.78	5.07	6.35	2.79	7.48
55–64 years old	27,468	60.28	40.23	5.45	6.61	3.35	2.14	4.87	4.51	2.61	10.71	20.05	4.41	3.85	5.59	3.47	6.32
65–74 years old	16,213	45.97	31.12	4.43	4.49	2.73	1.67	3.86	3.95	2.18	7.83	14.84	2.85	2.58	4.44	2.77	6.28
75 years old and over	12,837	34.89	25.64	4.09	3.66	2.01	1.21	3.32	3.28	1.74	6.34	9.25	1.19	1.19	2.99	2.50	3.84
Region of residence:																	
Northeast	27,831	65.75	41.55	5.84	6.27	3.94	2.28	5.38	4.39	2.71	10.76	24.20	5.79	3.65	4.96	2.16	6.13
Midwest	23,180	57.17	35.93	5.28	5.71	2.97	1.31	4.64	3.29	2.24	10.50	21.24	4.53	3.91	4.85	2.66	6.14
South	24,240	54.45	34.35	4.64	5.58	2.87	1.70	4.18	3.15	2.30	9.92	20.10	3.75	3.65	4.84	2.23	5.48
West	29,389	64.61	41.52	5.83	6.07	3.02	2.05	5.52	4.55	2.50	11.96	23.09	6.04	3.06	5.54	2.16	6.92
Size of consumer unit:																	
One person	13,521	31.40	16.55	2.40	2.09	1.34	.84	2.15	1.93	1.16	4.62	14.85	4.68	1.98	2.95	1.52	3.15
Two persons	28,422	58.72	35.80	4.79	5.69	2.98	1.76	4.42	3.99	2.27	9.89	22.92	5.40	3.81	5.53	2.80	6.30
Three persons	31,096	69.74	44.95	6.12	7.33	3.75	2.13	5.50	4.12	2.82	13.18	24.79	4.80	4.56	6.03	2.62	7.21
Four persons	34,709	80.96	54.03	7.78	8.34	4.56	2.44	7.10	4.71	3.45	15.64	26.93	4.49	4.34	5.84	2.42	8.42
Five persons	31,114	88.86	63.44	9.27	10.48	5.53	2.99	8.29	5.57	3.87	17.42	25.43	4.13	5.32	6.11	2.07	8.19
Six persons or more	33,848	101.75	73.37	10.91	11.61	5.88	3.27	10.23	6.63	4.70	20.14	28.38	4.49	4.35	6.95	3.07	8.74
Income before taxes:																	
Complete reporters of income [1]	25,784	61.25	38.71	5.49	5.98	3.18	1.80	4.96	3.75	2.49	11.06	22.54	5.09	3.81	5.26	2.61	6.38
Quintiles of income:																	
Lowest 20 percent	4,261	32.78	23.67	3.53	3.76	2.06	1.26	2.90	2.41	1.61	6.15	9.10	2.46	2.53	2.23	1.41	3.17
Second 20 percent	11,216	44.72	31.10	4.45	4.72	2.73	1.34	4.13	2.99	1.98	8.76	13.62	3.31	3.58	3.86	2.68	4.75
Third 20 percent	19,967	57.47	37.19	5.21	5.79	3.02	1.77	4.76	3.49	2.40	10.75	20.28	4.90	4.54	4.72	2.53	5.51
Fourth 20 percent	31,355	73.49	45.74	6.38	7.23	3.78	2.05	5.92	4.29	2.80	13.28	27.75	6.17	4.50	6.59	1.92	8.36
Highest 20 percent	62,040	97.71	55.79	7.93	8.38	4.31	2.54	7.08	5.54	3.67	16.35	41.91	8.60	3.89	8.91	4.50	10.10
Incomplete reporting of income	(1)	52.88	33.75	4.46	5.38	3.02	1.79	4.29	3.68	2.10	9.02	19.13	3.84	2.76	3.97	1.08	4.82

[1] Income values are derived from "complete income reporters" only. Represents the combined income of all consumer unit members 14 years old or over during the 12 months preceding the interview. A complete reporter is a consumer unit providing at least one of the major sources of its income. [2] Fresh milk and cream. [3] Includes sugar and other sweets, fats and oils, miscellaneous foods and nonalcoholic beverages.

Source: U.S. Bureau of Labor Statistics, *Consumer Expenditure Survey: Results from 1986.* (BLS News Release, U.S.D.L.: 88–175.)

No. 710. Average Annual and Weekly Expenditures of All Consumer Units: 1980 to 1986

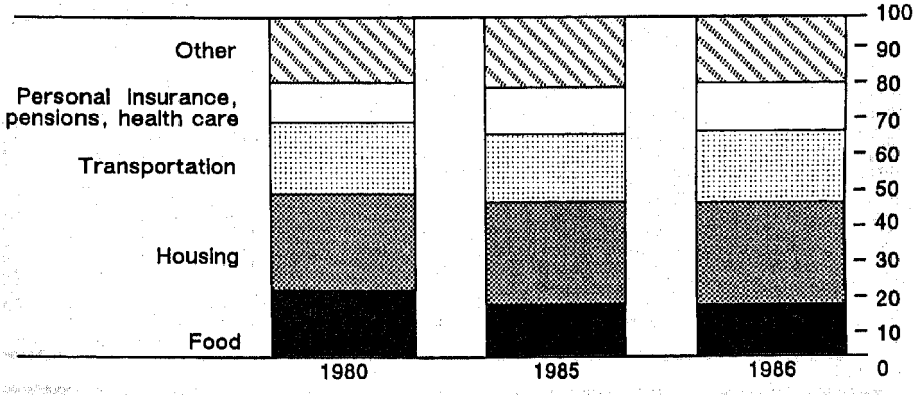
[**In dollars except as indicated.** Based on Consumer Expenditure Interview Survey and Diary Survey; see headnotes, tables 708 and 709. For explanation of average annual percent change, see Guide to Tabular Presentation. Minus sign (–) indicates decrease]

ITEM	1980	1984	1985	1986	AVERAGE ANNUAL PERCENT CHANGE		
					1980–84	1984–85	1985–86
AVERAGE ANNUAL EXPENDITURES [1]							
All consumer units (1,000)	**82,052**	**90,223**	**91,564**	**93,741**	**2.4**	**1.5**	**2.4**
Age of reference person (years)	46.9	46.7	46.8	46.7	(X)	(X)	(X)
Number of persons in consumer unit	2.7	2.6	2.6	2.6	(X)	(X)	(X)
Number in consumer unit:							
Earners	1.4	1.4	1.4	1.4	(X)	(X)	(X)
Vehicles	2.0	1.9	1.9	2.0	(X)	(X)	(X)
Children under 18	.8	.7	.7	.7	(X)	(X)	(X)
Persons 65 and over	.3	.3	.3	.3	(X)	(X)	(X)
Total expenditures	**16,184**	**20,910**	**22,217**	**22,710**	**6.6**	**6.3**	**2.2**
Food	3,116	3,280	3,394	3,363	1.3	3.5	–.9
Housing	4,643	6,284	6,687	6,888	7.9	6.4	3.0
Shelter	2,530	3,494	3,840	3,986	8.4	9.9	3.8
Utilities, fuel and public service	1,178	1,638	1,648	1,646	8.6	.6	–.1
Housefurnishings and operations	934	1,152	1,200	1,256	5.4	4.2	4.7
Apparel and services	846	1,107	1,161	1,149	7.0	4.9	–1.0
Transportation	3,409	4,264	4,555	4,815	5.8	6.8	5.7
Vehicles	1,181	1,813	2,043	2,340	11.3	12.7	14.5
Gas and motor oil	1,202	1,058	1,095	916	–2.9	–2.2	–11.5
Other transportation	1,027	1,392	1,478	1,559	7.9	6.2	5.5
Health care	728	981	1,037	1,062	7.8	5.7	2.4
Personal insurance and pensions	1,161	1,897	2,016	2,129	13.1	6.3	5.6
All other [2]	2,282	3,098	3,368	3,304	8.0	8.7	–1.9
AVERAGE WEEKLY EXPENDITURES [3]							
Food, total	48.39	57.13	59.92	59.60	4.2	4.9	–.5
Food at home, total	33.45	37.31	38.60	37.73	2.8	3.5	–2.3
Cereal and bakery products	4.27	5.05	5.44	5.29	4.3	7.7	–2.8
Meats, poultry, fish and eggs	11.58	11.26	11.14	10.81	–.7	–1.1	–3.0
Dairy products	4.47	4.87	5.12	4.82	2.2	5.1	–5.9
Fruits and vegetables	4.92	6.03	6.19	6.14	5.2	2.7	–.8
Other foods at home	8.20	10.11	10.71	10.65	5.4	5.9	–.6
Food away from home	14.94	19.81	21.32	21.87	7.3	7.6	2.6
Alcoholic beverages	4.97	4.93	5.52	4.84	–.2	12.0	–12.3
Tobacco products and smoking supplies	2.79	3.48	3.78	3.60	5.7	8.6	–4.8
Personal care products and services	3.74	4.54	4.94	5.01	5.0	8.8	1.4
Nonprescription drugs and supplies	1.50	1.95	2.49	2.31	6.8	27.7	–7.2
Housekeeping supplies	4.04	5.90	6.24	6.07	7.9	5.8	–2.7

X Not applicable. [1] Based on Interview Survey. [2] Includes alcoholic beverages, entertainment, personal care services, reading, education, tobacco and smoking supplies, miscellaneous expenditures, and cash contributions. [3] Based on Diary Survey.

Source: U.S. Bureau of Labor Statistics, *Consumer Expenditure Survey. Results from 1986.* (BLS News Release, U.S.D.L.: 88-175.)

Figure 14.2
Average Annual Expenditures of All Consumer Units–Percent Distribution: 1980 to 1986



Source: Chart prepared by U.S. Bureau of the Census. For data see table 710.

No. 711. Money Income of Households—Percent Distribution by Income Level in Constant (1987) Dollars, by Race and Hispanic Origin of Householder: 1970 to 1987

[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 households (1,000)	Percent distribution, by income level								Median income (dol.)
		Under $5,000	$5,000–$9,999	$10,000–$14,999	$15,000–$19,999	$20,000–$24,999	$25,000–$34,999	$35,000–$49,999	$50,000 and over	
ALL HOUSEHOLDS [1]										
1970	64,776	7.7	10.7	9.9	12.5	8.2	25.0	13.3	12.8	25,553
1975	72,867	6.4	12.3	11.0	10.5	10.0	21.0	15.2	13.6	24,917
1980	82,368	7.8	11.5	11.3	10.6	10.0	17.6	17.1	14.1	24,426
1982	83,918	8.1	12.2	11.5	10.8	10.2	17.1	16.1	14.0	23,750
1983	85,290	7.9	11.9	11.6	10.8	10.1	16.7	16.2	14.8	23,976
1984	86,789	7.3	12.1	11.3	10.6	9.8	16.8	16.2	16.0	24,526
1985	88,458	7.3	11.8	10.9	10.4	9.8	16.8	16.3	16.7	24,952
1986	89,479	7.2	11.3	10.7	10.1	9.4	16.4	16.8	18.1	25,807
1987	91,066	6.9	11.5	10.6	10.0	9.2	16.1	17.2	18.5	25,986
WHITE										
1970	57,575	7.0	9.9	9.3	12.3	8.1	25.8	13.9	13.6	26,626
1975	64,392	5.6	11.4	10.6	10.4	9.9	21.6	15.9	14.6	26,058
1980	71,872	6.7	10.7	10.8	10.5	10.1	18.1	18.0	15.1	25,770
1982	73,182	6.9	11.3	11.1	10.8	10.4	17.6	16.8	15.1	24,865
1983	74,170	6.6	10.9	11.3	10.7	10.3	17.3	17.0	15.9	25,136
1984	75,328	6.0	11.1	10.8	10.5	9.9	17.4	17.1	17.1	25,874
1985	76,578	6.0	11.1	10.6	10.3	9.9	17.3	17.0	17.9	26,315
1986	77,284	5.9	10.8	10.3	10.0	9.5	16.9	17.6	19.3	27,131
1987	78,469	5.4	10.7	10.3	10.0	9.2	16.7	18.1	19.7	27,427
BLACK										
1970	6,180	14.8	17.8	14.1	15.1	8.7	17.5	7.4	4.7	16,206
1975	7,489	13.5	21.0	14.0	11.6	10.6	15.6	8.9	4.9	15,643
1980	8,847	16.8	19.4	14.6	11.4	9.3	13.2	9.8	5.5	14,646
1982	8,916	18.4	19.2	15.0	11.0	9.0	13.3	9.8	4.2	14,092
1983	9,243	18.5	19.5	14.3	11.6	8.6	12.3	9.6	5.6	14,229
1984	9,480	17.0	19.3	14.7	11.5	9.0	12.7	9.3	6.6	14,740
1985	9,797	16.6	18.2	13.7	12.0	8.6	13.2	10.3	7.0	15,656
1986	9,922	18.0	17.3	13.3	10.8	9.2	13.0	10.8	7.6	15,631
1987	10,186	17.9	17.7	13.3	11.0	9.7	12.2	10.8	7.5	15,475
HISPANIC										
1975	2,948	8.8	15.2	15.7	13.4	11.6	19.1	10.5	5.5	18,720
1980	3,906	10.5	14.6	15.1	13.0	11.0	15.6	13.1	7.2	18,828
1982	4,085	10.9	17.4	14.6	12.8	10.6	15.1	11.6	6.9	17,871
1983	4,666	11.0	17.4	13.9	12.9	10.8	15.3	11.6	6.9	18,017
1984	4,883	11.4	16.0	13.9	11.9	10.3	16.3	12.4	7.9	18,592
1985	5,213	10.2	17.0	14.4	11.8	10.7	15.7	11.7	8.6	18,451
1986	5,418	10.7	15.0	14.6	11.8	10.2	15.4	12.4	10.0	19,023
1987	5,698	10.4	15.6	14.2	11.4	10.3	14.9	13.4	9.9	19,305

[1] Includes other races not shown separately.

No. 712. Money Income of Households—Median Household Income in Current and Constant (1987) Dollars, by Race and Hispanic Origin of Householder: 1970 to 1987

[See headnote, table 711. Minus sign (–) indicates decrease. For definition of median, see Guide to Tabular Presentation]

Year	Median income in current dollars (dol.)				Median income in constant (1987) dollars (dol.)				Annual percent change of median income of all households	
	All households [1]	White	Black	Hispanic [2]	All households [1]	White	Black	Hispanic [2]	Current dollars	Constant dollars
1970	8,734	9,087	5,537	(NA)	25,563	26,626	16,206	(NA)	[3] 6.9	[3] 1.7
1971	9,028	9,443	5,578	(NA)	25,335	26,499	15,654	(NA)	3.4	–.9
1972	9,697	10,173	5,938	7,677	26,344	27,637	16,132	20,856	7.4	4.0
1973	10,512	11,017	6,485	8,144	26,884	28,175	16,586	20,828	8.4	2.0
1974	11,197	11,710	6,964	8,906	25,806	26,987	16,050	20,526	6.5	–4.0
1975	11,800	12,340	7,408	8,865	24,917	26,058	15,643	18,720	5.4	3.4
1976	12,686	13,289	7,902	9,569	25,328	26,531	15,776	19,104	7.5	1.6
1977	13,572	14,272	8,422	10,647	25,454	26,767	15,795	19,968	7.0	.5
1978	15,064	15,660	9,411	11,803	26,242	27,281	16,395	20,562	11.0	3.1
1979	16,461	17,259	10,133	13,042	25,775	27,024	15,866	20,421	9.3	–1.8
1980	17,710	18,684	10,764	13,651	24,426	25,770	14,846	18,828	7.6	–5.2
1981	19,074	20,153	11,309	15,300	23,835	25,184	14,132	19,119	7.7	–2.4
1982	20,171	21,117	11,968	15,178	23,750	24,865	14,092	17,871	5.8	–.4
1983	21,018	22,035	12,473	15,794	23,976	25,136	14,229	18,017	4.2	1.0
1984	22,415	23,647	13,471	16,992	24,526	25,874	14,740	18,592	6.6	2.3
1985	23,618	24,908	14,819	17,465	24,952	26,315	15,656	18,451	5.4	1.7
1986	24,897	26,175	15,080	18,352	25,807	27,131	15,631	19,023	5.4	3.4
1987	25,986	27,427	15,475	19,305	25,986	27,427	15,475	19,305	4.4	.7

NA Not available. [1] Includes other races not shown separately. [2] Hispanic persons may be of any race. [3] Change from 1967.

Source of tables 711 and 712: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 161, and unpublished data.

No. 713. Money Income of Households—Percent Distribution by Money Income Level, by Selected Characteristics: 1987

[Households as of **March 1988.** For definition of median, see Guide to Tabular Presentation]

CHARACTERISTIC	Total households (1,000)	PERCENT DISTRIBUTION OF HOUSEHOLDS BY INCOME LEVEL (in dollars)								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	
Total [1]	**91,066**	**6.9**	**11.5**	**10.6**	**19.2**	**16.1**	**17.2**	**12.2**	**6.3**	**25,986**
Age of householder:										
15–24 years	5,228	13.8	16.6	15.8	25.6	15.8	8.1	3.6	.9	16,204
25–34 years	20,583	5.7	7.8	9.6	22.2	20.3	20.4	10.9	3.0	26,923
35–44 years	19,323	4.3	6.1	6.6	15.7	17.5	23.5	17.5	8.9	34,929
45–54 years	13,630	4.9	5.6	6.6	14.0	15.3	20.5	20.0	13.1	37,250
55–64 years	12,846	7.5	9.9	9.5	18.8	15.2	17.0	13.7	8.3	27,538
65 years and over	19,456	9.9	24.5	17.8	22.1	11.5	7.9	4.1	2.3	14,334
White	78,469	5.4	10.7	10.2	19.2	16.7	18.1	13.0	6.7	27,427
Black	10,186	17.9	17.7	13.3	20.7	12.2	10.8	5.5	2.0	15,475
Hispanic [2]	5,698	10.4	15.5	14.2	21.7	14.9	13.4	7.0	2.9	19,305
Northeast	19,137	6.0	11.9	9.0	17.8	15.9	18.0	13.5	8.0	28,069
Midwest	22,402	6.7	11.9	10.7	19.3	17.1	17.5	11.8	5.0	25,722
South	31,047	9.0	11.7	11.6	20.0	15.3	16.3	10.9	5.3	23,719
West	18,480	4.6	10.2	10.6	19.5	16.3	17.7	13.5	7.7	27,914
Size of household:										
One person	21,889	15.6	25.2	15.8	20.9	11.6	7.3	2.5	1.2	12,544
Two persons	29,295	4.5	8.7	11.5	22.2	17.9	17.7	11.7	5.7	26,481
Three persons	16,163	4.8	6.1	7.7	17.8	17.6	21.4	16.6	8.0	32,348
Four persons	14,143	3.0	5.0	6.1	14.8	17.3	23.5	19.6	10.6	36,805
Five persons	6,081	2.9	6.6	6.7	14.9	17.2	23.1	17.9	10.7	35,825
Six persons	2,176	4.8	7.7	8.5	15.0	15.8	21.6	17.8	8.8	33,871
Seven persons or more	1,320	4.5	8.9	8.9	18.1	15.3	18.0	15.8	10.6	30,800
Marital status:										
Male householder	62,773	3.4	5.7	8.9	18.9	17.8	20.7	15.5	8.1	31,534
Married, wife present	48,748	1.7	4.6	7.7	18.0	18.3	22.7	17.7	9.3	34,782
Married, wife absent	1,230	10.9	14.9	14.5	21.6	14.1	13.3	6.6	4.1	19,496
Widowed	1,920	10.8	26.7	17.3	18.7	11.3	7.3	6.2	1.8	13,424
Divorced	3,957	8.4	10.8	12.1	20.3	17.5	16.2	9.7	4.9	24,005
Single (never married)	6,477	8.9	11.9	12.5	24.4	16.4	14.4	7.7	3.7	21,493
Female householder	28,293	14.5	22.1	14.4	20.0	12.4	9.4	4.9	2.2	14,600
Married, husband present	3,061	2.7	6.6	7.3	16.4	17.4	22.8	16.7	10.2	34,847
Married, husband absent	2,156	24.7	23.4	15.5	19.9	9.0	5.8	1.2	.6	10,517
Widowed	9,628	15.2	34.0	16.6	17.0	8.4	5.4	2.2	1.1	10,209
Divorced	6,527	12.1	16.2	15.2	23.8	14.7	11.2	5.0	1.7	17,597
Single (never married)	6,310	16.9	17.6	13.1	22.5	15.3	8.7	4.6	1.2	15,759
Education attainment of householder: [3]										
Elementary school	11,500	16.3	26.7	17.2	19.7	9.9	6.4	2.9	.8	11,730
Less than 8 years	6,437	18.4	27.9	17.3	18.1	8.9	5.9	2.7	.7	10,884
8 years	5,063	13.7	25.2	17.1	21.7	11.0	7.0	3.1	1.0	12,999
High school	41,037	6.8	12.4	12.0	21.8	17.8	17.0	9.5	2.8	23,362
1–3 years	10,476	10.9	19.4	14.9	22.2	14.2	11.2	5.6	1.6	16,727
4 years	30,561	5.4	10.0	11.0	21.6	19.0	18.9	10.8	3.2	25,910
College	33,301	2.6	4.3	5.8	15.1	16.3	22.7	20.1	13.2	38,337
1–3 years	14,294	3.6	6.6	8.1	18.7	18.1	22.6	16.1	6.1	31,865
4 years or more	19,007	1.8	2.5	4.1	12.4	14.9	22.8	23.0	18.5	43,952
Tenure:										
Owner occupied	58,214	3.8	8.1	8.5	17.5	16.8	20.4	16.1	8.7	31,903
Renter occupied	31,180	12.0	17.3	14.2	22.6	15.0	11.6	5.4	1.9	17,474
Occupier paid no cash rent	1,672	17.7	20.8	15.2	20.5	11.2	9.7	3.5	1.4	13,613

[1] Includes other races not shown separately. [2] Hispanic persons may be of any race. [3] 25 years old and over.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 161.

No. 714. Money Income of Households—Aggregate and Mean Income, by Race and Hispanic Origin of Householder: 1987

[As of **March 1988**. See headnote, table 711. For number of households by characteristic, see table 61. For definition of mean, see Guide to Tabular Presentation. For composition of regions, see fig. I, inside front cover]

Characteristic	All races [1]		White		Black		Hispanic [2]	
	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.)
Total	**2,927.2**	**32,144**	**2,630.7**	**33,526**	**211.3**	**20,743**	**140.5**	**24,666**
Age of householder:								
15–24 years old	102.0	19,504	90.7	20,630	8.5	12,573	10.4	18,601
25–34 years old	621.6	30,200	554.2	31,913	50.0	19,277	40.8	23,493
35–44 years old	763.8	39,529	676.0	41,154	60.4	26,647	39.2	26,737
45–54 years old	597.0	43,796	532.5	45,997	43.6	27,689	25.3	30,631
55–64 years old	447.3	34,818	410.7	36,445	26.7	20,174	16.8	24,474
65 years old and over	395.6	20,333	366.7	21,029	22.2	12,622	8.1	15,332
Region:								
Northeast	660.9	34,535	604.2	35,641	40.6	22,937	25.2	22,238
Midwest	691.9	30,886	640.4	31,945	40.7	20,171	9.4	24,470
South	929.2	29,928	808.5	32,130	108.1	19,735	43.4	23,347
West	645.3	34,918	577.6	35,424	21.9	23,776	62.6	26,936
Size of household:								
One person	380.1	17,363	340.6	18,048	32.6	12,355	11.4	13,547
Two persons	951.5	32,482	883.2	33,793	50.5	19,860	28.2	22,421
Three persons	608.0	37,615	543.0	39,645	45.2	23,754	29.5	25,663
Four persons	599.6	42,394	536.8	44,326	43.3	26,923	35.5	29,951
Five persons	251.8	41,413	219.5	43,687	21.1	26,588	18.8	27,841
Six persons	84.8	38,981	69.3	41,197	10.0	27,597	9.0	27,861
Seven persons or more	51.4	38,971	38.3	43,241	8.6	25,269	8.1	30,858
Education attainment of householder:								
Elementary school:								
Less than 8 years	102.5	15,579	81.2	16,431	17.5	12,494	25.1	16,279
8 years	90.2	17,509	80.0	17,816	8.8	15,143	6.8	17,603
High school:								
1–3 years	238.5	21,182	206.1	22,759	28.3	14,112	18.1	19,860
4 years	952.9	29,069	860.9	30,065	75.2	21,139	41.0	26,443
College:								
1–3 years	540.6	34,677	482.8	35,646	40.6	26,078	22.7	31,367
4 years or more	1,002.5	50,879	919.7	51,669	40.9	37,700	26.7	46,163
Occupation of longest job of householder:								
Total [3]	**2,481.9**	**38,017**	**2,233.5**	**39,219**	**173.5**	**26,637**	**123.5**	**29,094**
Managerial and professional specialty	966.9	52,465	892.2	53,036	41.4	40,714	30.0	46,845
Technical, sales, and administrative support	596.8	37,456	536.0	38,564	40.5	26,303	25.9	30,408
Service workers	163.2	23,039	128.4	24,542	28.9	18,188	14.0	22,086
Farming, forestry, and fishing	53.6	24,707	50.6	25,228	1.9	14,902	5.7	19,878
Precision production, crafts, and repair	378.6	35,130	350.6	35,429	21.1	30,532	20.9	27,876
Operators, fabricators, and laborers	320.4	29,664	273.6	30,343	39.5	25,681	26.8	24,956

[1] Includes other races not shown separately. [2] Hispanic persons may be of any race. [3] Includes in Armed Forces, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 161, and unpublished data.

No. 715. Household Type, by Median Income and Income Level: 1987

[Households as of **March 1988**. See headnote, table 711]

Item	All households	Family households				Nonfamily households				
		Total	Married couple	Male householder, wife absent	Female householder, husband absent	Total	Single-person household			Multiple-person household
							Total	Male householder	Female householder	
Median income (dol.):										
All households	**25,986**	**31,135**	**34,786**	**20,157**	**15,419**	**14,685**	**12,544**	**16,703**	**10,576**	**30,573**
White	27,427	32,556	35,355	27,574	17,961	15,522	13,281	17,901	11,029	31,889
Black	15,475	18,561	27,238	18,758	10,017	9,529	7,981	10,383	6,730	19,504
Hispanic [1]	19,305	20,852	25,081	22,030	10,627	12,138	9,883	11,739	7,834	23,500
Number (1,000):										
All households	**91,066**	**65,133**	**51,809**	**2,715**	**10,608**	**25,933**	**21,889**	**8,788**	**13,101**	**4,044**
Under $5,000	6,271	2,751	927	142	1,682	3,520	3,412	1,101	2,312	107
$5,000–$9,999	10,446	4,662	2,437	254	1,970	5,784	5,507	1,546	3,961	277
$10,000–$14,999	9,658	5,788	3,963	290	1,536	3,870	3,455	1,345	2,110	415
$15,000–$19,999	9,136	6,137	4,564	307	1,266	2,999	2,582	1,036	1,547	417
$20,000–$24,999	8,405	6,013	4,721	286	1,006	2,393	1,999	948	1,052	393
$25,000–$34,999	14,664	11,404	9,477	525	1,404	3,260	2,530	1,276	1,253	730
$35,000–$49,999	15,677	13,265	11,751	469	1,046	2,412	1,592	955	639	818
$50,000 and over	16,809	15,113	13,970	444	699	1,696	810	584	227	886

[1] Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 161.

No. 716. Money Income of Households—Mean After-Tax Household Income in Constant (1986) Dollars, by Selected Characteristics: 1980 to 1986

[**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. I, inside front cover]

Characteristic	After-tax household income						Average annual percent change				
	1980	1982	1983	1984	1985	1986	1980–1982	1982–1983	1983–1984	1984–1985	1985–1986
All households	**21,652**	**21,499**	**22,173**	**22,763**	**23,082**	**23,683**	**−.4**	**3.1**	**2.7**	**1.4**	**2.6**
Age of householder:											
Under 65 years	23,471	23,033	23,761	24,388	24,832	25,535	−.9	2.9	2.6	1.8	2.8
65 years old and over	14,612	15,560	16,162	16,621	16,510	16,811	3.2	3.9	2.8	−.7	1.8
Race and Hispanic origin:											
White	22,424	22,293	23,011	23,614	23,936	24,570	−.3	3.2	2.6	1.4	2.6
Black	15,236	14,723	15,113	15,622	16,094	16,398	−.7	2.6	3.4	3.0	1.9
Hispanic [1]	18,030	17,371	17,660	18,324	18,265	18,817	−1.8	1.7	3.8	−.3	3.0
Region:											
Northeast	21,620	21,493	22,530	23,224	24,103	24,742	−.3	4.8	3.1	3.8	2.7
Midwest	21,872	21,331	21,733	22,025	22,332	22,992	−1.2	1.9	1.3	1.4	3.0
South	20,754	20,921	21,553	22,116	21,982	22,618	.4	3.1	2.6	−.6	2.9
West	22,912	22,718	23,402	24,319	24,819	25,225	−.4	3.0	3.9	2.1	1.6
Type of family:											
Married couples with children [2]	27,302	26,620	27,350	28,331	28,936	29,966	−1.3	2.8	3.6	2.1	3.6
Married couples without children [2]	25,764	26,013	27,136	27,925	28,245	29,150	.5	4.3	2.9	1.1	3.2
Female householders with related children [3]	13,161	12,366	12,455	12,923	13,345	13,134	−3.1	.7	3.8	3.3	−1.6

[1] Hispanic persons may be of any race. [2] Related children under 18 years old. [3] No husband present.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 157, and unpublished data.

No. 717. Number of Households Paying Taxes and Amount of Taxes, by Type of Tax and Before-Tax Money Income: 1986

[Households as of **March 1987.** See headnote, table 711]

Type of tax	Unit	Before tax money income								
		Total	Under 5,000	5,000–9,999	10,000–14,999	15,000–19,999	20,000–24,999	25,000–34,999	35,000–49,999	50,000 and over
All households	**1,000**	**89,479**	**6,657**	**10,473**	**9,854**	**9,302**	**8,617**	**14,811**	**14,757**	**15,007**
Households paying—										
One or more taxes [1]	1,000	82,979	3,745	7,757	9,218	9,109	8,593	14,796	14,754	15,007
Federal income taxes	1,000	68,873	239	2,058	6,125	7,839	8,197	14,683	14,730	15,003
State income taxes	1,000	58,133	443	2,495	5,068	6,410	6,611	12,161	12,261	12,666
FICA payroll taxes	1,000	66,835	2,004	4,340	6,242	6,801	7,018	12,748	13,523	14,159
Federal retirement taxes	1,000	3,347	26	58	154	223	247	711	898	1,029
Property taxes	1,000	54,076	2,274	4,560	4,720	4,888	4,887	9,391	10,868	12,489
Taxes paid	**Bil. dol.**	**634.6**	**1.8**	**5.9**	**13.3**	**22.7**	**31.4**	**84.5**	**137.0**	**337.9**
Percent of taxes paid:										
Federal income taxes	Percent	56.8	2.2	11.4	30.5	40.0	45.3	49.0	52.7	64.8
State income taxes	Percent	13.2	1.4	3.9	7.6	9.7	10.9	12.3	13.1	14.4
FICA payroll taxes	Percent	21.6	19.7	31.2	34.7	32.1	31.0	28.4	25.8	15.9
Federal retirement taxes	Percent	1.1	.2	.3	.8	1.0	1.1	1.5	1.5	.9
Property taxes	Percent	7.3	76.5	53.2	26.5	17.2	11.6	8.8	7.0	4.0
Average tax paid [2]	**Dollars**	**7,647**	**492**	**762**	**1,446**	**2,483**	**3,660**	**5,710**	**9,285**	**22,518**
Federal income taxes	Dollars	5,236	169	326	664	1,155	1,739	2,821	4,899	14,592
State income taxes	Dollars	1,442	57	91	199	341	521	856	1,456	3,842
FICA payroll taxes	Dollars	2,049	181	425	740	1,067	1,391	1,881	2,611	3,798
Federal retirement taxes	Dollars	2,145	(B)	(B)	719	1,024	1,374	1,797	2,277	3,064
Property taxes	Dollars	851	620	689	747	795	746	788	882	1,075

B Base figure too small to meet statistical standards for reliability of derived figure. [1] Figures will not add as more than one type of tax may be reported for each household. [2] Based on households paying taxes.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 157, and unpublished data.

No. 718. Money Income of Households—Mean Income and Income per Household Member Before and After Taxes, by Selected Characteristics: 1986

[Households as of **March 1987**. See headnote, table 716]

Characteristic	Mean household income		Income per household member		Taxes as a percent of income
	Before taxes	After taxes	Before taxes	After taxes	
All households	**30,759**	**23,683**	**11,552**	**8,894**	**23.0**
Age of householder:					
15–24 years	18,155	14,894	7,865	6,452	18.0
25–29 years	27,012	21,050	10,206	7,953	22.1
30–34 years	31,342	23,927	10,184	7,775	23.7
35–39 years	35,975	27,048	10,750	8,082	24.8
40–44 years	39,665	29,737	11,699	8,771	25.0
45–49 years	41,833	31,033	12,993	9,639	25.8
50–54 years	40,235	29,877	13,861	10,293	25.7
55–59 years	36,141	27,052	14,259	10,673	25.1
60–64 years	31,267	23,921	14,211	10,972	23.5
65 years and over	19,816	16,811	11,285	9,574	15.2
Race and Hispanic origin:					
White	32,040	24,570	12,239	9,385	23.3
Black	20,232	16,398	6,952	5,635	18.9
Hispanic [1]	23,173	18,817	6,767	5,495	18.8
Region:					
Northeast	32,982	24,742	12,576	9,434	25.0
Midwest	29,645	22,992	11,113	8,619	22.4
South	28,846	22,618	10,826	8,489	21.6
West	33,040	25,225	12,256	9,357	23.7
Type of family:					
Family households	35,204	27,068	10,927	8,402	23.1
Married couple families:					
With no children [2]	38,224	29,150	16,152	12,317	23.7
With children [2]	39,290	29,966	9,403	7,171	23.7
Female householder [3]	15,446	13,134	4,624	3,932	15.0
Nonfamily households	19,287	14,945	15,807	12,249	22.5
Tenure:					
Owner occupied	36,148	27,456	12,636	9,749	24.0
Renter occupied, incl. no cash rent	21,182	16,977	8,862	7,103	19.8

[1] Hispanic persons may be of any race. [2] Related children under 18 years. [3] No husband present, with related children under 18 years.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 157, and unpublished data.

No. 719. Households with Discretionary Income—Selected Income Measures in Constant (1984) Dollars: 1982

[Households as of **March 1983** and income figures are for the preceding year, expressed in 1984 dollars. Discretionary income is the amount of money which would permit a household to maintain a living standard comfortably higher (30% or more) than the average for similar households. For methodology, see source]

Characteristic	All households		Households with discretionary income					
			Households		Average income		Spendable discretionary income	
	Number (1,000)	Aggregate income after taxes (bil. dol.)	Number (1,000)	Percent of all households	Before taxes (dol.)	After taxes (dol.)	Aggregate income (bil. dol.)	Average income (dol.)
Total	**83,918**	**1,707.3**	**26,409**	**31.5**	**46,764**	**34,562**	**277.9**	**10,525**
Age of householder:								
15–24 years old	5,695	79.6	1,195	21.0	32,821	25,287	7.7	6,444
25–29 years old	9,465	172.5	2,472	26.1	41,595	31,079	18.8	7,654
30–34 years old	9,639	200.6	3,355	34.8	44,289	32,534	30.3	9,021
35–39 years old	8,759	200.8	2,650	30.2	52,262	37,537	26.8	10,127
40–44 years old	7,261	181.8	2,579	35.5	54,891	39,645	29.9	11,606
45–49 years old	6,154	160.1	2,224	36.1	56,072	40,375	26.0	11,674
50–54 years old	6,200	158.9	2,336	37.7	56,279	40,395	29.2	12,479
55–59 years old	6,571	158.4	2,672	40.7	52,621	37,565	34.1	12,766
60–64 years old	6,503	132.8	2,180	33.5	47,153	34,699	25.1	11,506
65 years old and over	17,671	261.8	4,748	26.9	34,716	28,375	50.0	10,531
Race and Hispanic origin of householder:								
White	73,182	1,544.0	24,697	33.7	46,935	34,667	263.3	10,661
Black	10,736	163.3	1,712	16.0	44,301	33,049	14.6	8,555
Hispanic [1]	4,085	67.2	660	16.1	46,172	34,879	6.0	9,119
Size of household:								
One person	19,250	218.5	5,122	26.6	28,301	21,175	38.4	7,496
Two persons	26,439	544.5	8,488	32.1	47,695	35,094	97.3	11,467
Three persons	14,793	341.3	4,882	33.0	51,203	37,835	52.6	10,779
Four persons	13,303	338.7	4,597	34.6	54,050	39,525	49.1	10,674
Five persons	6,105	158.1	1,956	32.0	55,921	41,439	22.3	11,420
Six persons or more	4,028	106.3	1,364	33.9	56,734	43,216	18.2	13,337
Household income:								
Under $15,000	29,156	213.7	828	2.8	12,589	11,607	1.3	1,589
$15,000–$19,999	9,888	147.0	1,012	10.2	17,640	15,912	3.5	3,481
$20,000–$24,999	9,148	169.1	1,571	17.2	22,795	19,109	5.6	3,591
$25,000–$29,999	7,964	174.8	2,288	28.7	27,564	22,384	9.4	4,102
$30,000–$34,999	6,603	167.5	3,007	45.5	32,630	25,678	13.3	4,415
$35,000–$39,999	5,114	147.7	3,235	63.3	37,500	29,090	17.6	5,446
$40,000–$49,999	6,854	231.3	5,479	79.9	44,806	33,997	42.8	7,813
$50,000–$74,999	6,556	282.7	6,356	96.9	59,378	43,312	90.0	14,157
$75,000 and over	2,633	173.5	2,633	100.0	100,836	65,900	94.4	35,852

[1] 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*, 1985.

No. 720. Money Income of Families—Percent Distribution by Income Level in Constant (1987) Dollars, by Race and Hispanic Origin of Householder: 1970 to 1987

[Families as of **March** of following year. Beginning with **1980**, based on householder 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 $5,000	$5,000-$9,999	$10,000-$14,999	$15,000-$19,999	$20,000-$24,999	$25,000-$34,999	$35,000-$49,999	$50,000 and over	
ALL FAMILIES										
1970	52,227	3.5	7.6	9.1	9.9	11.3	22.0	21.2	15.4	28,880
1975	56,245	2.9	8.1	10.0	10.2	10.4	20.9	21.0	16.4	28,970
1980	60,309	3.7	8.2	9.8	10.2	10.2	20.0	20.5	17.5	28,996
1983	62,015	4.8	8.4	10.3	10.1	10.2	19.0	19.2	17.9	28,147
1984	62,706	4.5	8.3	9.7	10.0	9.7	18.4	19.7	19.6	28,923
1985	63,558	4.4	8.0	9.7	9.9	9.9	18.3	19.2	20.6	29,302
1986	64,491	4.5	7.5	9.2	9.6	9.5	17.7	19.8	22.2	30,534
1987	65,133	4.4	7.3	9.1	9.5	9.2	17.5	20.2	22.9	30,853
WHITE										
1970	46,535	2.9	6.7	8.5	9.5	11.3	22.6	22.2	16.4	29,960
1975	49,873	2.3	6.9	9.5	10.0	10.3	21.5	21.9	17.6	30,129
1980	52,710	2.7	6.9	9.2	10.0	10.3	20.6	21.5	18.7	30,211
1983	53,890	3.7	7.1	9.9	10.1	10.4	19.5	20.2	19.2	29,474
1984	54,400	3.4	7.0	9.2	9.9	9.8	19.0	20.7	21.0	30,294
1985	54,991	3.5	6.9	9.1	9.6	10.0	18.8	20.1	22.1	30,799
1986	55,676	3.3	6.5	8.6	9.4	9.5	18.2	20.8	23.7	31,935
1987	56,044	3.2	6.1	8.6	9.3	9.1	18.1	21.2	24.4	32,274
BLACK										
1970	4,928	9.0	16.7	14.6	14.3	12.0	15.6	12.0	5.7	18,378
1975	5,586	7.4	19.0	15.2	12.2	11.7	16.1	12.5	6.1	18,538
1980	6,317	10.7	18.5	15.1	12.0	9.3	15.6	12.0	6.9	17,481
1983	6,681	13.5	19.2	14.1	11.1	9.4	15.1	10.9	6.9	16,610
1984	6,778	13.3	18.4	14.2	11.6	9.4	14.3	10.9	8.0	16,884
1985	6,921	12.4	16.8	14.1	12.4	8.8	15.0	12.2	8.3	17,734
1986	7,096	13.4	15.9	13.5	10.6	9.7	14.5	13.0	9.5	18,247
1987	7,177	13.5	16.5	12.5	11.8	10.0	13.6	12.8	9.5	18,098
HISPANIC [1]										
1975	2,499	5.8	14.9	15.8	13.0	12.2	19.8	12.8	5.8	20,168
1980	3,235	6.5	14.1	15.5	13.5	11.4	17.3	14.1	7.5	20,297
1983	3,788	8.3	16.0	14.1	13.6	11.4	16.3	12.3	7.9	19,313
1984	3,939	8.6	14.5	13.9	12.7	9.9	17.5	14.1	9.0	20,606
1985	4,206	7.4	16.0	14.8	11.7	11.1	16.6	13.0	9.6	20,102
1986	4,403	8.2	14.3	14.8	11.8	10.6	16.1	13.3	11.0	20,726
1987	4,588	8.6	14.4	14.7	11.7	10.2	15.7	14.0	10.9	20,306

[1] Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 161, and unpublished data.

No. 721. Money Income of Families—Median Family Income in Current and Constant (1987) Dollars, by Race and Hispanic Origin of Householder: 1960 to 1987

[See headnote, table 720. For definition of median, see Guide to Tabular Presentation. Minus sign (−) indicates decrease]

Year	Median income in current dollars (dol.)				Median income in constant (1987) dollars (dol.)				Annual percent change of median income of all families	
	All families [1]	White	Black	Hispanic [2]	All families [1]	White	Black	Hispanic [2]	Current dollars	Constant dollars
1960	5,620	5,835	[3] 3,230	(NA)	21,567	22,393	12,396	(NA)	[4] 4.9	[4] 2.9
1965	6,957	7,251	[3] 3,993	(NA)	25,059	26,119	14,383	(NA)	4.4	3.1
1970	9,867	10,236	6,279	(NA)	28,880	29,960	18,378	(NA)	7.2	2.9
1971	10,285	10,672	6,440	(NA)	28,862	29,949	18,072	(NA)	4.2	−.1
1972	11,116	11,549	6,864	8,183	30,199	31,375	18,647	22,231	8.1	4.6
1973	12,051	12,595	7,269	8,715	30,820	32,211	18,590	22,289	8.4	2.1
1974	12,902	13,408	8,006	9,540	29,735	30,901	18,451	21,986	7.1	−3.5
1975	13,719	14,268	8,779	9,551	28,970	30,129	18,538	20,168	6.3	−2.6
1976	14,958	15,537	9,242	10,259	29,863	31,019	18,451	20,482	9.0	3.1
1977	16,009	16,740	9,563	11,421	30,025	31,396	17,935	21,420	7.0	.5
1978	17,640	18,368	10,879	12,566	30,730	31,998	18,952	21,891	10.2	2.3
1979	19,587	20,439	11,574	14,169	30,669	32,003	18,122	22,185	11.0	−.2
1980	21,023	21,904	12,674	14,716	28,996	30,211	17,481	20,297	7.3	−5.5
1981	22,388	23,517	13,266	16,401	27,977	29,388	16,578	20,495	6.5	−3.5
1982	23,433	24,603	13,598	16,227	27,591	28,969	16,011	19,106	4.7	−1.4
1983	24,674	25,837	14,561	16,930	28,147	29,474	16,610	19,313	5.3	2.0
1984	26,433	27,686	15,432	18,833	28,923	30,294	16,884	20,606	7.1	2.8
1985	27,735	29,152	16,786	19,027	29,302	30,799	17,734	20,102	4.9	1.3
1986	29,458	30,809	17,604	19,995	30,534	31,935	18,247	20,726	6.2	4.2
1987	30,853	32,274	18,098	20,306	30,853	32,274	18,098	20,306	4.7	1.0

NA Not available. [1] Includes other races not shown separately. [2] Hispanic persons may be of any race.
[3] For 1960 and 1965, Black and other races. [4] Change from 1955.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 161, and unpublished data.

No. 722. 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 1987

[Families as of **March of following year.** For composition of regions, see fig. I, inside front cover. Based on Current Population Survey; see headnote, table 720. See also *Historical Statistics, Colonial Times to 1970*, series G 31–138]

ITEM	All families, 1980	1987							
		All families	RACE			REGION			
			White	Black and other		Northeast	Midwest	South	West
				Total	Black				
Number (1,000)	**60,309**	**65,133**	**56,044**	**9,089**	**7,177**	**13,382**	**15,905**	**22,846**	**13,000**
INCOME AT SELECTED POSITIONS (dollars)									
Upper limit of each fifth:									
Lowest	10,286	14,450	16,057	7,514	6,800	16,308	15,001	12,833	15,606
Second	17,390	25,100	27,000	15,500	13,801	28,070	25,665	22,555	26,120
Third	24,630	36,600	38,200	25,500	22,590	40,100	36,300	34,200	38,200
Fourth	34,534	52,910	54,280	41,338	36,652	57,260	51,350	49,777	55,406
Top 5 percent	54,060	86,300	88,472	69,901	62,000	94,624	80,943	81,129	91,467
PERCENT DISTRIBUTION OF AGGREGATE INCOME									
Lowest fifth	5.1	4.6	5.1	3.2	3.3	4.7	4.9	4.3	4.8
Second fifth	11.6	10.8	11.2	8.5	8.7	11.4	11.4	10.5	10.7
Third fifth	17.5	16.9	17.0	15.3	15.5	17.4	17.4	16.7	16.5
Fourth fifth	24.3	24.1	23.8	24.8	25.1	24.1	24.2	24.3	23.7
Highest fifth	41.6	43.7	42.9	48.3	47.4	42.2	42.2	44.4	44.2
Top 5 percent	15.3	16.9	16.7	18.4	17.4	16.0	16.0	17.1	17.7

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 132 and 161.

No. 723. Money Income of Families—Median Family Income by Race and Hispanic Origin: 1987

[Families as of **March 1988.** Based on Current Population Survey; see text, section 1, and Appendix III. For composition of regions, see fig. I, 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 [1]	All families	White	Black	Hispanic [1]
All families	**65,133**	**56,044**	**7,177**	**4,588**	**30,853**	**32,274**	**18,098**	**20,306**
Region:								
Northeast	13,382	11,855	1,189	916	33,938	35,262	20,678	16,750
Midwest	15,905	14,240	1,389	306	30,991	32,149	16,755	21,985
South	22,846	18,559	3,972	1,477	28,250	30,729	17,302	18,798
West	13,000	11,389	627	1,889	32,026	32,521	20,627	22,142
Type of family:								
Married-couple families	51,809	46,644	3,682	3,204	34,700	35,295	27,182	24,677
Wife in paid labor force	29,112	25,800	2,424	1,655	40,422	41,023	33,333	31,354
Wife not in paid labor force	22,698	20,844	1,258	1,549	26,652	27,394	16,822	17,967
Male householder, no wife present	2,715	2,165	421	312	24,804	26,230	17,455	19,411
Female householder, no husband present	10,608	7,235	3,074	1,072	14,620	17,018	9,710	9,805
Number of earners: [2]								
Total	64,228	55,324	7,030	4,514	30,951	32,372	17,990	20,264
No earners	9,440	7,803	1,396	648	12,849	14,924	5,528	6,262
One earner	18,009	15,064	2,396	1,458	23,192	25,369	13,774	15,148
Two earners	27,748	24,559	2,442	1,791	36,990	37,731	29,922	27,201
Three earners	6,329	5,545	569	419	46,961	47,860	37,458	34,183
Four or more earners	2,703	2,353	227	199	59,445	60,221	49,929	49,004

[1] Hispanic persons may be of any race.
[2] Excludes families with members who are in the Armed Forces.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 161.

NO. 724. MONEY INCOME OF FAMILIES—PERCENT DISTRIBUTION BY INCOME LEVEL, BY RACE AND HISPANIC ORIGIN OF HOUSEHOLDER, AND SELECTED CHARACTERISTICS: 1987

[Families as of **March 1988**. See headnote, table 720. 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. I, inside front cover]

RACE OF HOUSEHOLDER, REGION, AND EDUCATION	Number of families (1,000)	PERCENT DISTRIBUTION OF FAMILIES, BY INCOME LEVEL—								Median income (dol.)
		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	
All families [1]	**65,133**	**4.4**	**7.3**	**9.0**	**18.7**	**17.5**	**20.2**	**15.1**	**7.8**	**30,853**
White, total	**56,044**	**3.2**	**6.1**	**8.5**	**18.4**	**18.1**	**21.2**	**16.1**	**8.4**	**32,274**
Northeast	11,855	2.9	5.6	6.9	16.5	17.7	21.9	17.7	10.8	35,262
Midwest	14,240	2.9	6.0	8.1	18.7	19.4	22.0	16.2	6.6	32,149
South	18,559	3.8	6.9	9.5	19.2	17.5	20.8	14.7	7.5	30,729
West	11,389	2.9	5.7	9.2	18.7	17.7	20.0	16.4	9.4	32,521
Householder completed [2]—										
Elementary school:										
Less than 8 years	3,259	7.7	21.1	20.3	23.9	13.1	8.7	4.1	1.1	15,264
8 years	2,798	5.8	13.0	18.5	29.6	16.6	10.5	4.4	1.5	18,718
High school:										
1–3 years	6,036	5.0	10.3	13.4	26.1	19.1	15.5	8.2	2.5	22,853
4 years	20,020	2.7	5.0	8.2	20.5	21.7	23.6	14.1	4.1	30,958
College:										
1–3 years	9,184	1.9	3.2	5.6	15.1	19.4	26.9	20.2	7.9	37,324
4 years or more	12,398	.7	1.0	2.3	8.2	12.3	24.0	28.2	23.3	50,908
Black, total	**7,177**	**13.5**	**16.4**	**12.5**	**21.8**	**13.6**	**12.8**	**7.0**	**2.5**	**18,098**
Northeast	1,189	12.6	14.4	10.2	21.6	12.7	16.0	8.6	3.8	20,678
Midwest	1,389	15.1	18.6	11.7	18.8	14.0	12.9	6.1	2.7	16,755
South	3,972	14.3	16.6	13.4	21.9	13.5	11.6	7.0	1.7	17,302
West	627	6.2	14.5	12.3	27.6	14.7	14.4	5.6	4.8	20,627
Householder completed [2]—										
Elementary school:										
Less than 8 years	821	11.2	28.2	20.2	20.6	11.6	5.4	2.3	.5	12,149
8 years	382	15.2	23.6	17.8	22.0	7.6	7.9	5.5	.5	13,210
High school:										
1–3 years	1,306	18.1	23.6	15.5	19.4	10.4	8.8	3.6	.5	12,166
4 years	2,467	13.2	13.4	11.4	22.7	16.0	14.9	7.1	1.4	20,263
College:										
1–3 years	1,006	5.5	9.0	8.2	27.1	16.2	19.3	11.2	3.5	25,115
4 years or more	692	1.9	3.3	3.9	22.2	15.3	21.5	17.9	14.0	36,568
Hispanic, [3] **total**	**4,588**	**8.5**	**14.4**	**14.7**	**21.9**	**15.7**	**14.0**	**7.9**	**2.9**	**20,306**
Northeast	916	11.9	22.2	11.9	17.3	13.2	12.3	8.5	2.6	16,750
Midwest	306	11.4	13.7	8.5	22.5	18.6	13.7	9.1	2.6	21,985
South	1,477	10.4	14.5	15.6	21.9	14.5	13.8	6.4	2.8	18,798
West	1,889	5.0	10.6	16.3	24.0	17.4	14.9	8.6	3.2	22,142
Householder completed [2]—										
Elementary school:										
Less than 8 years	1,165	10.7	23.1	21.6	22.0	13.3	6.0	2.8	.4	13,540
8 years	284	9.5	23.0	13.8	27.2	13.4	9.2	3.5	.4	16,319
High school:										
1–3 years	663	9.3	17.2	15.5	25.3	15.5	9.2	5.4	2.6	17,939
4 years	1,143	5.4	8.8	12.8	22.7	18.8	20.3	9.1	2.1	25,130
College:										
1–3 years	530	4.0	4.0	9.1	21.0	18.9	21.6	16.9	4.5	31,006
4 years or more	388	2.1	3.3	2.6	10.3	15.4	29.6	20.8	15.9	43,382

[1] Includes other races not shown separately. [2] Restricted to families with householder 25 years old and over.
[3] Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 161, and unpublished data.

No. 725. Money Income of Families—Type of Family, by Income Level: 1987

[**In thousands, except dollars.** Families as of **March 1988.** Based on Current Population Survey; see headnote, table 720. For definition of median, see Guide to Tabular Presentation]

TYPE OF FAMILY	Number of families	INCOME LEVEL								Median income (dol.)
		Under $5,000	$5,000–$9,999	$10,000–$14,999	$15,000–$19,999	$20,000–$24,999	$25,000–$34,999	$35,000–$49,999	$50,000 and over	
All families	**65,133**	**2,880**	**4,787**	**5,865**	**6,197**	**5,984**	**11,392**	**13,132**	**14,896**	**30,853**
Married-couple families	51,809	932	2,457	3,974	4,585	4,721	9,489	11,731	13,918	34,700
Wife in paid labor force	29,112	262	588	1,193	1,735	2,314	5,286	7,662	9,871	40,422
Wife employed	27,974	204	489	1,068	1,563	2,184	5,081	7,668	9,719	40,939
Wife unemployed	1,137	58	99	125	172	130	205	193	154	24,441
Wife not in paid labor force	22,698	671	1,868	2,780	2,849	2,408	4,204	3,870	4,047	26,652
Male householder[1]	2,715	173	275	309	330	281	531	426	390	24,804
Female householder[1]	10,608	1,775	2,055	1,582	1,283	981	1,369	974	589	14,620
With own children[2]	31,920	1,990	2,522	2,607	2,687	2,764	5,585	6,744	7,020	30,983
Married-couple	24,600	397	884	1,513	1,824	2,121	4,796	6,272	6,793	36,366
Male householder[1]	1,047	109	109	142	143	104	192	148	97	20,967
Female householder[1]	6,273	1,484	1,529	952	720	539	597	324	130	10,551

[1] No spouse present. [2] Children under 18 years old.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 161.

No. 726. Median Money Income of Families and Unrelated Individuals, in Current and Constant (1987) Dollars: 1970 to 1987

[See headnote, table 720. 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	1981	1982	1983	1984	1985	1986	1987
CURRENT DOLLARS										
Families:[1]										
Married-couple families	10,516	14,867	23,141	25,065	26,019	27,286	29,612	31,100	32,805	34,700
Wife in paid labor force	12,276	17,237	26,879	29,247	30,342	32,107	34,668	36,431	38,346	40,422
Wife not in paid labor force	9,304	12,752	18,972	20,325	21,299	21,890	23,582	24,556	25,803	26,652
Male householder, no wife present	9,012	12,995	17,519	19,889	20,140	21,845	23,325	22,622	24,962	24,804
Female householder, no husband present	5,093	6,844	10,408	10,960	11,484	11,789	12,803	13,660	13,647	14,620
Unrelated individuals:										
Male	4,540	6,612	10,939	11,848	12,470	12,888	13,566	14,921	15,281	17,752
Female	2,483	3,978	6,668	7,370	8,058	8,863	9,501	9,865	10,142	8,101
CONSTANT (1987) DOLLARS										
Families:[1]										
Married-couple families	30,779	31,394	31,917	31,322	30,636	31,127	32,401	32,857	34,004	34,700
Wife in paid labor force	35,931	36,399	37,073	36,548	35,726	36,626	37,933	38,489	39,747	40,422
Wife not in paid labor force	27,232	26,928	26,167	25,399	25,078	24,971	25,803	25,943	26,746	26,652
Male householder, no wife present	26,377	27,441	24,163	24,854	23,714	24,920	25,522	23,900	25,874	24,804
Female householder, no husband present	14,907	14,452	14,355	13,696	13,522	13,448	14,009	14,432	14,146	14,620
Unrelated individuals:										
Male	13,288	13,962	15,088	14,806	14,683	14,702	14,844	15,764	15,839	17,752
Female	7,268	8,400	9,197	9,210	9,488	10,110	10,396	10,422	10,513	8,101

[1] Beginning 1980, based on household concept. Restricted to primary families, see source.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 161, and earlier issues.

No. 727. Median Money Income of Year-Round Full-Time Workers With Income, by Sex and Age: 1970 to 1987

[Age as of **March** of following year. Refers to civilian workers. For definition of median, see Guide to Tabular Presentation]

AGE	FEMALE					MALE				
	1970	1980	1985	1986	1987	1970	1980	1985	1986	1987
Total with income	[1] **$5,440**	**$11,591**	**$16,252**	**$16,843**	**$17,504**	[1] **$9,184**	**$19,173**	**$24,999**	**$25,894**	**$26,722**
15–19 years old	[2] 3,783	6,779	8,372	8,333	9,417	[2] 3,950	7,753	9,050	9,730	9,859
20–24 years old	4,928	9,407	11,757	12,192	12,905	6,655	12,109	13,827	14,152	14,665
25–34 years old	5,923	12,190	16,740	17,087	17,583	9,126	17,724	22,321	22,692	23,804
35–44 years old	5,531	12,239	18,032	18,810	19,897	10,258	21,777	28,966	30,189	30,655
45–54 years old	5,588	12,116	17,009	18,057	19,087	9,931	22,323	29,880	31,657	32,821
55–64 years old	5,468	11,931	16,761	16,983	17,891	9,071	21,053	28,387	29,119	30,946
65 years old and over	4,884	12,342	18,336	17,180	19,178	6,754	17,307	26,146	27,326	29,715

[1] 14 years old and over. [2] 14 to 19 years old.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 161, and earlier issues.

NO. 728. MONEY INCOME OF PERSONS—PERCENT DISTRIBUTION BY INCOME LEVEL, MEDIAN, AND MEAN INCOME, BY SEX, 1970 TO 1987, AND BY AGE, RACE, HISPANIC ORIGIN, AND REGION, 1987

[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 720. 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. I, 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 dollars) level—								
			1 to 1,999 or less [1]	2,000-3,999	4,000-5,999	6,000-9,999	10,000-14,999	15,000-24,999	25,000-34,999	35,000 and over	
MALE											
1970	70.6	65.0	18.8	13.7	12.9	27.9	17.7	6.8	2.3		6,670	7,537
1975	77.6	71.2	12.9	12.0	10.8	19.6	21.7	17.5	5.4		8,853	10,429
1980	82.9	76.7	9.1	8.0	8.2	14.7	17.1	25.5	10.8	6.6	12,530	15,340
1981	84.0	79.7	8.9	7.6	7.6	14.1	15.8	24.5	12.8	8.6	13,473	16,515
1982	85.0	79.7	9.1	7.0	7.3	13.4	16.0	23.6	13.3	10.2	13,950	17,381
1983	86.1	80.9	9.0	6.9	6.9	12.8	15.2	23.2	13.9	11.9	14,631	18,109
1984	87.0	82.2	8.1	6.5	6.8	12.3	14.6	22.4	15.1	14.1	15,600	19,438
1985	88.5	83.6	7.5	5.9	6.3	12.2	14.5	22.3	15.3	16.1	16,311	20,652
1986	89.4	84.5	7.2	5.4	6.0	11.6	14.0	22.1	15.6	18.0	17,114	21,822
1987	**90.3**	**85.6**	**6.8**	**5.3**	**6.1**	**11.1**	**13.7**	**21.7**	**15.6**	**19.7**	**17,752**	**22,684**
15-19 years old	9.1	6.1	51.7	20.9	11.1	9.5	4.3	2.0	.3	.2	1,932	3,256
20-24 years old	9.3	8.7	8.8	12.1	11.7	19.5	21.7	20.0	4.4	1.8	9,529	10,901
25-34 years old	21.3	20.8	3.4	3.3	3.9	8.6	15.2	29.1	20.3	16.2	20,112	22,160
35-44 years old	17.1	16.8	2.2	2.2	3.2	6.2	8.8	22.4	22.9	32.1	26,828	30,762
45-54 years old	11.5	11.3	2.8	2.6	3.1	5.3	9.4	19.1	20.1	37.7	28,685	33,508
55-64 years old	10.2	10.0	3.5	2.8	4.9	10.0	12.3	22.6	17.0	26.9	21,906	27,428
65 yr. old and over	11.8	11.8	1.5	4.5	11.2	23.7	22.1	21.1	7.9	8.1	11,854	16,464
White	77.8	74.7	6.3	4.8	5.5	10.6	13.5	21.9	16.2	21.1	18,854	23,643
Black	9.6	8.3	10.5	8.8	11.2	15.3	16.0	20.4	11.2	6.6	11,101	14,391
Hispanic [2]	6.8	6.1	6.6	7.1	9.1	17.3	18.9	21.5	10.4	9.1	12,019	16,031
Northeast	18.8	17.8	6.0	4.8	5.2	9.8	12.8	22.2	16.9	22.2	19,878	24,396
Midwest	22.0	21.1	7.3	5.2	5.9	10.9	12.9	22.5	16.7	18.6	17,910	21,968
South	30.7	28.8	7.3	5.8	7.3	11.9	14.6	21.7	14.2	17.3	16,182	21,219
West	18.8	17.9	6.4	4.9	5.2	11.5	13.8	20.4	15.5	22.2	18,596	24,179
FEMALE												
1970	77.6	51.6	46.7	22.1	15.7	12.4	2.5	.4	.2		2,237	3,138
1975	85.0	60.8	31.9	24.0	15.4	18.5	7.9	2.2	.3		3,385	4,513
1980	91.1	80.8	24.8	18.6	13.3	18.3	14.2	9.0	1.0	.6	4,920	6,772
1981	92.2	82.1	22.8	17.2	13.4	18.0	15.0	10.9	2.0	.6	5,458	7,440
1982	93.1	82.5	21.7	15.9	13.1	17.4	15.1	12.7	2.8	1.1	5,887	8,195
1983	94.3	83.8	20.7	14.7	12.9	17.1	15.4	14.0	3.6	1.4	6,319	8,780
1984	95.3	85.6	19.2	13.6	12.6	17.2	15.0	15.6	4.6	2.1	6,868	9,584
1985	96.4	86.5	18.3	13.2	12.2	17.1	15.0	16.2	5.5	2.6	7,217	10,173
1986	97.3	87.8	17.5	12.2	12.3	16.6	15.1	17.0	6.2	3.2	7,610	10,741
1987	**98.2**	**89.3**	**16.5**	**11.6**	**11.7**	**16.8**	**14.9**	**17.7**	**6.8**	**4.0**	**8,101**	**11,435**
15-19 years old	8.9	6.0	53.3	21.8	10.8	9.0	3.4	1.6	–	.2	1,877	2,965
20-24 years old	9.6	8.7	15.8	14.7	13.8	21.3	18.2	13.5	2.1	.5	6,895	8,406
25-34 years old	21.6	20.1	15.9	8.2	7.8	13.9	17.6	24.4	8.7	3.6	11,049	12,746
35-44 years old	17.6	16.4	15.4	7.6	7.1	13.5	14.8	22.8	11.5	7.4	11,969	14,768
45-54 years old	12.3	11.2	16.6	8.1	7.9	13.0	15.2	22.4	10.3	6.6	11,219	14,127
55-64 years old	11.5	10.5	19.2	11.8	12.6	15.6	14.8	15.6	5.9	4.5	7,445	11,139
65 yr. old and over	16.7	16.5	3.8	16.5	22.3	27.3	14.1	10.6	3.2	2.2	6,734	9,547
White	89.5	76.7	16.8	11.1	11.1	16.9	15.1	17.9	6.9	4.2	8,279	11,621
Black	11.6	10.1	13.0	15.7	17.0	16.4	13.6	16.5	5.7	2.0	6,791	9,919
Hispanic [2]	6.8	5.3	18.6	13.9	13.2	20.0	13.4	14.3	4.4	2.2	6,611	9,303
Northeast	21.1	19.4	16.1	10.4	12.0	16.6	13.9	18.6	7.8	4.7	8,430	12,106
Midwest	23.9	22.1	17.4	11.9	12.1	17.1	15.3	16.9	6.2	3.1	7,713	10,675
South	33.8	30.1	16.0	13.1	12.2	16.0	15.8	17.3	6.0	3.6	7,870	10,942
West	19.4	17.6	16.7	9.9	9.9	17.8	14.1	18.4	8.0	5.2	8,651	12,494

– Represents zero. [1] Includes persons with income deficit. [2] Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 161, and unpublished data.

No. 729. Mean Money Earnings, by Educational Attainment, Sex, and Age: 1986

[In dollars. For year-round full-time workers 18 years old and over. As of March 1987. Based on Current Population Survey; see text section 1 and Appendix III. For definition of mean, see Guide to Tabular Presentation]

Age and sex	Total	Elementary			Secondary			College			
		Total	Less than 8 years	8 years	Total	1–3 years	4 years	Total	1–3 years	4 years	5 or more years
Male, total	**28,793**	**16,875**	**15,593**	**18,337**	**23,019**	**19,923**	**23,759**	**35,978**	**28,114**	**37,538**	**46,288**
18–24 years old	14,510	10,345	10,168	12,565	13,866	11,568	14,159	17,139	15,633	20,678	(B)
25–29 years old	22,091	12,341	12,027	12,839	19,262	15,969	19,879	25,960	22,485	28,240	30,501
30–34 years old	27,387	14,779	13,775	(B)	22,615	19,494	23,203	31,935	26,804	33,180	38,962
35–39 years old	32,027	15,634	15,291	16,222	25,182	20,918	25,965	37,343	30,207	38,633	45,885
40–44 years old	34,073	17,953	16,720	19,482	26,384	20,753	27,591	41,242	33,424	41,661	49,053
45–49 years old	35,313	21,511	20,015	23,046	27,653	24,636	28,504	44,428	34,055	47,221	54,240
50–54 years old	33,622	18,931	17,577	20,071	27,814	24,520	28,685	43,906	34,924	44,643	52,535
55–59 years old	31,946	19,313	17,340	21,053	26,163	24,116	26,951	43,977	32,577	53,347	48,768
60–64 years old	32,193	18,584	16,801	20,495	26,221	21,730	28,370	43,543	32,339	46,447	51,678
65 years old and over	27,180	12,941	(B)	12,502	22,582	15,689	24,756	40,479	25,037	39,958	56,487
Female, total	**17,911**	**10,706**	**10,534**	**10,882**	**15,014**	**12,496**	**15,402**	**21,676**	**17,937**	**22,943**	**28,629**
18–24 years old	12,496	(B)	(B)	(B)	11,374	10,202	11,480	14,317	12,547	18,240	(B)
25–29 years old	17,256	11,063	11,090	(B)	14,242	12,117	14,475	19,818	17,085	21,671	23,337
30–34 years old	19,459			(B)	15,357	12,395	15,748	23,013	19,286	23,592	29,398
35–39 years old	19,654	10,164	10,816	9,555	15,710	12,508	16,171	23,974	19,931	24,657	30,724
40–44 years old	20,008	10,859	(B)		16,539	12,565	17,133	23,947	19,820	25,529	28,899
45–49 years old	18,732	11,213	9,513	11,851	15,857	12,729	16,538	23,664	19,269	23,235	30,902
50–54 years old	18,487	10,390			16,443	13,777	16,986	23,387	19,860	25,993	27,596
55–59 years old	17,684	10,944	10,946	11,745	15,906	13,830	16,449	22,617	18,534	24,372	28,832
60–64 years old	16,529	11,305	(B)		15,631	11,590	16,310	19,960	17,989	19,443	(B)
65 years old and over	13,846	(B)	(B)	(B)	12,991	(B)	13,710	16,818	(B)	(B)	(B)

B Base figure too small to meet statistical standards for reliability of derived figure.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 159.

No. 730. Per Capita Money Income in Current and Constant (1987) Dollars, by Race and Hispanic Origin: 1970 to 1987

[In dollars]

Year	Current dollars				Constant (1987) dollars			
	All races	White	Black	Hispanic [1]	All races	White	Black	Hispanic [1]
1970	3,177	3,354	1,869	(NA)	9,299	9,817	5,470	(NA)
1971	3,417	3,596	2,062	(NA)	9,589	10,091	5,787	(NA)
1972	3,769	3,968	2,300	(NA)	10,239	10,780	6,248	(NA)
1973	4,141	4,361	2,521	2,454	10,591	11,153	6,447	6,276
1974	4,445	4,677	2,718	2,735	10,244	10,779	6,264	6,303
1975	4,818	5,072	2,972	2,847	10,174	10,710	6,276	6,012
1976	5,271	5,556	3,286	3,179	10,523	11,092	6,560	6,347
1977	5,785	6,100	3,574	3,538	10,850	11,440	6,703	6,635
1978	6,455	6,797	4,034	3,961	11,245	11,841	7,028	6,900
1979	7,168	7,574	4,444	4,432	11,223	11,859	6,958	6,940
1980	7,787	8,233	4,804	4,865	10,740	11,355	6,626	6,710
1981	8,476	8,979	5,129	5,349	10,592	11,220	6,409	6,684
1982	8,980	9,527	5,360	5,448	10,573	11,218	6,311	6,415
1983	9,548	10,125	5,755	5,852	10,892	11,550	6,565	6,676
1984	10,328	10,939	6,277	6,401	11,301	11,969	6,868	7,004
1985	11,013	11,671	6,840	6,613	11,635	12,330	7,226	6,987
1986	11,670	12,352	7,207	7,000	12,096	12,803	7,470	7,256
1987	12,287	13,031	7,499	7,611	12,287	13,031	7,499	7,611

NA Not available. [1] Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 161.

No. 731. Per Capita Money Income, 1969 to 1985, 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	
	1969	1979	1985	1969	1979
United States	**3,119**	**7,298**	**10,798**	**9,586**	**19,917**
Alabama	2,317	5,892	8,681	7,263	16,347
Alaska	3,725	10,193	13,650	12,441	28,395
Arizona	2,937	7,042	10,561	9,185	19,017
Arkansas	2,142	5,613	8,389	6,271	14,641
California	3,614	8,294	11,885	10,729	21,537
Colorado	3,106	7,998	11,713	9,552	21,279
Connecticut	3,885	8,511	14,090	11,808	23,149
Delaware	3,265	7,449	11,375	10,209	20,817
District of Columbia	3,842	8,959	13,530	9,576	19,099
Florida	3,058	7,260	11,271	8,261	17,280
Georgia	2,640	6,380	10,191	8,165	17,414
Hawaii	3,373	7,740	11,003	11,552	22,750
Idaho	2,644	6,248	8,567	8,380	17,492
Illinois	3,495	8,064	11,302	10,957	22,746
Indiana	3,070	7,141	9,978	9,966	20,535
Iowa	2,884	7,136	10,096	9,016	20,052
Kansas	2,929	7,349	10,684	8,690	19,707
Kentucky	2,425	5,973	8,614	7,439	16,444
Louisiana	2,330	6,425	8,836	7,527	18,088
Maine	2,548	5,766	9,042	8,205	16,167
Maryland	3,512	8,293	12,967	11,057	23,112
Massachusetts	3,408	7,457	12,510	10,833	21,166
Michigan	3,357	7,686	10,902	11,029	22,107
Minnesota	3,038	7,450	11,186	9,928	21,185
Mississippi	1,925	5,182	7,483	6,068	14,591
Missouri	2,952	6,915	10,283	8,908	18,784
Montana	2,696	6,589	8,781	8,509	18,413
Nebraska	2,797	6,934	10,546	8,562	19,122
Nevada	3,554	8,453	11,200	10,887	21,311
New Hampshire	2,985	6,966	11,659	9,682	19,723
New Jersey	3,674	8,127	13,129	11,403	22,906
New Mexico	2,437	6,120	8,814	7,845	16,928
New York	3,608	7,496	11,765	10,609	20,160
North Carolina	2,474	6,132	9,517	7,770	16,792
North Dakota	2,469	6,417	9,635	7,836	18,023
Ohio	3,199	7,284	10,371	10,309	20,909
Oklahoma	2,694	6,854	9,754	7,720	17,668
Oregon	3,148	7,556	9,925	9,487	20,027
Pennsylvania	3,066	7,075	10,288	9,554	19,995
Rhode Island	*3,121*	*6,897*	*10,892*	*9,733*	*19,446*
South Carolina	2,303	5,884	8,890	7,620	16,978
South Dakota	2,387	5,696	8,553	7,490	15,993
Tennessee	2,464	6,212	9,290	7,446	16,564
Texas	2,792	7,203	10,373	8,486	19,618
Utah	2,697	6,305	8,535	9,320	20,024
Vermont	2,772	6,177	9,619	8,928	17,205
Virginia	2,996	7,475	11,894	9,044	20,018
Washington	3,357	8,073	10,866	10,404	21,696
West Virginia	2,333	6,142	8,141	7,414	17,308
Wisconsin	3,032	7,241	10,298	10,065	20,915
Wyoming	2,895	7,927	9,782	8,944	22,430

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. 1; *1980 Census of Population*, vol. 1, chapter C (PC 80–1–C), and *Current Population Reports*, series P-26, No. 86.

No. 732. Per Capita Money Income for 50 Largest Cities: 1979 and 1985

CITIES RANKED BY POPULATION-SIZE, 1986	1979	1985	Percent change, 1979–1985
New York	7,271	11,188	53.9
Los Angeles	8,415	12,084	43.6
Chicago	6,933	9,642	39.1
Houston	8,817	12,115	37.4
Philadelphia	6,053	8,807	45.5
Detroit	6,215	8,852	42.4
San Diego	8,016	11,766	46.8
Dallas	8,610	12,816	48.9
San Antonio	5,758	8,499	47.6
Phoenix	7,552	11,363	50.5
Honolulu [1]	7,912	11,434	44.5
Baltimore	5,877	8,647	47.1
San Francisco	9,265	13,575	46.5
Indianapolis	7,585	10,836	42.9
San Jose	8,382	12,583	50.1
Memphis	6,466	9,362	44.8
Washington	8,959	13,530	51.0
Jacksonville	6,767	10,466	54.7
Milwaukee	7,029	9,765	38.9
Boston	6,555	10,774	64.4
Columbus	6,783	9,909	46.1
New Orleans	6,463	8,975	38.9
Cleveland	*5,770*	*8,018*	*39.0*
Denver	8,553	12,490	46.0
El Paso	5,439	7,670	41.0
Seattle	9,282	12,919	39.2
Nashville-Davidson	7,276	11,253	54.7
Austin	7,368	11,633	57.9
Oklahoma City	7,998	11,527	44.1
Kansas City	7,480	11,153	49.1
Fort Worth	7,336	10,515	43.3
St. Louis	5,877	8,799	49.7
Atlanta	6,539	10,341	58.1
Long Beach	8,342	11,729	40.6
Portland	8,123	10,770	32.6
Pittsburgh	6,845	9,998	46.1
Miami	6,084	8,904	46.4
Tulsa	8,842	12,670	43.3
Cincinnati	6,874	10,247	49.1
Albuquerque	7,440	11,133	49.6
Tucson	6,551	9,430	43.9
Oakland	7,701	10,911	41.7
Minneapolis	7,940	12,302	54.9
Charlotte	7,952	12,259	54.2
Omaha	7,714	12,886	67.0
Toledo	7,050	10,050	42.6
Virgina Beach	7,704	12,039	56.3
Buffalo	5,929	8,840	49.1
Sacramento	*7,558*	10,827	40.6
Newark	4,525	6,494	43.5

[1] 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. 86.

No. 733. Persons, Families, and Children Below Poverty Level—Number and Percent, by State: 1979

[Persons, families, and related children as of **April of the following year.** For explanation of poverty level, see text, section 14. Excludes unrelated individuals under 15 years of age, and persons in specified types of group quarters, i.e. inmates of institutions and persons living in military group quarters or in college dormitories. Poverty criteria computed on a national basis only and not adjusted for regional, State, or other local variations in cost of living. For details, see source]

Region and State	Persons		Families		Related children [1]	
	Number (1,000)	Percent	Number (1,000)	Percent	Number (1,000)	Percent
U.S	**27,393**	**12.4**	**5,670**	**9.6**	**10,026**	**16.0**
Northeast	**5,343**	**11.2**	**1,111**	**8.7**	**1,992**	**15.5**
ME	141	13.0	29	9.8	50	15.8
NH	75	8.5	15	6.1	24	9.4
VT	59	12.1	11	8.9	20	13.9
MA	532	9.6	110	7.6	193	13.1
RI	94	10.3	19	7.7	33	13.6
CT	243	8.0	51	6.2	93	11.4
NY	2,299	13.4	483	10.8	877	19.0
NJ	689	9.5	148	7.6	278	14.1
PA	1,210	10.5	245	7.8	426	13.9
Midwest	**6,010**	**10.5**	**1,230**	**8.0**	**2,170**	**13.0**
OH	1,089	10.3	228	8.0	401	13.2
IN	516	9.7	107	7.3	189	11.9
IL	1,231	11.0	247	8.4	478	14.9
MI	946	10.4	198	8.2	361	13.3
WI	398	8.7	77	6.3	139	10.4
MN	375	9.5	73	7.0	118	10.2
IA	286	10.1	58	7.5	94	11.5
MO	582	12.2	120	9.1	196	14.6
ND	79	12.6	16	9.8	27	14.3
SD	113	16.9	23	13.1	41	20.0
NE	163	10.7	33	8.0	53	12.1
KS	232	10.1	47	7.4	73	11.4
South	**11,285**	**15.4**	**2,390**	**11.9**	**4,180**	**19.6**
DE	68	11.9	14	8.9	25	15.6
MD	405	9.8	82	7.5	143	12.5
DC	113	18.6	21	15.1	38	27.0
South—Con.						
VA	611	11.8	129	9.2	216	14.9
WV	287	15.0	62	11.7	102	18.5
NC	840	14.8	183	11.6	299	18.3
SC	500	16.6	106	13.1	195	21.0
GA	884	16.6	189	13.2	342	21.1
FL	1,287	13.5	268	9.9	427	18.5
KY	626	17.6	144	14.6	230	21.6
TN	736	16.5	164	13.1	263	20.6
AL	720	18.9	154	14.8	271	23.6
MS	587	23.9	121	18.7	244	30.4
AR	424	19.0	94	14.9	154	23.4
LA	765	18.6	163	15.1	307	23.5
OK	394	13.4	86	10.3	132	15.7
TX	2,036	14.7	412	11.1	791	18.7
West	**4,755**	**11.3**	**939**	**8.5**	**1,683**	**14.2**
MT	94	12.3	19	9.2	32	13.8
ID	117	12.6	24	9.6	43	14.3
WY	36	7.9	7	5.8	11	7.7
CO	285	10.1	55	7.4	91	11.5
NM	226	17.6	47	14.0	91	22.1
AZ	351	13.2	68	9.5	128	16.5
UT	148	10.3	27	7.7	57	10.7
NV	69	8.7	13	6.3	21	10.0
WA	396	9.8	78	7.2	128	11.5
OR	274	10.7	54	7.7	85	12.0
CA	2,627	11.4	521	8.7	947	15.2
AK	42	10.7	8	8.6	15	12.1
HI	92	9.9	18	7.8	35	13.0

[1] Under 18 years.

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

No. 734. Persons Below Poverty Level and Below 125 Percent of Poverty Level: 1959 to 1987

[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 4 [3]	
	All races [1]	White	Black	Hispanic [2]	All races [1]	White	Black	Hispanic [2]	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 [4]	25.3	16.8	7.8	2.9	11.6	8.9	30.9	21.6	35.6	16.3	7,412	9,265
1979 [5]	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	32.5	21.4	9.7	5.5	13.5	10.5	33.1	28.2	43.5	18.1	11,611	14,514

NA Not available. [1] Includes other races not shown separately. [2] Hispanic persons may be of any race. [3] Beginning 1981, income cutoffs for nonfarm families are applied to all families, both farm and nonfarm. [4] Population controls based on 1970 census; see text, section 14. [5] Population controls based on 1980 census; see text, sections 1 and 14.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 161.

No. 735. Persons Below Poverty Level and Below 125 Percent of Poverty Level, by Race of Householder and Family Status: 1979 to 1987

[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 [1]	1984	1985	1986	1987	1979 [1]	1984	1985	1986	1987
NUMBER (mil.)										
All persons [2]	**26.1**	**33.7**	**33.1**	**32.4**	**32.5**	**36.6**	**45.3**	**44.2**	**43.5**	**43.5**
In families	20.0	26.5	25.7	24.8	25.0	28.1	35.5	34.4	33.2	33.1
Householder	5.5	7.3	7.2	7.0	7.1	7.8	9.9	9.8	9.5	9.5
Related children under 18 years	10.0	12.9	12.5	12.3	12.4	13.4	16.4	15.8	15.5	15.6
Other family members	4.5	6.3	6.0	5.5	5.5	7.0	9.2	8.9	8.2	8.1
Unrelated individuals	5.7	6.6	6.7	6.8	6.8	8.0	9.1	9.1	9.4	9.5
White	**17.2**	**23.0**	**22.9**	**22.2**	**21.4**	**25.2**	**32.1**	**31.5**	**30.7**	**30.0**
In families	12.5	17.3	17.1	16.4	15.8	18.4	24.2	23.7	22.6	22.0
Householder	3.6	4.9	5.0	4.8	4.6	5.3	7.0	7.0	6.7	6.5
Related children under 18 years	5.9	8.1	7.8	7.7	7.6	8.2	10.7	10.3	10.0	9.9
Other family members	3.0	4.3	4.3	3.9	3.7	4.8	6.6	6.4	5.9	5.7
Unrelated individuals	4.5	5.2	5.3	5.2	5.1	6.5	7.3	7.3	7.4	7.4
Black	**8.1**	**9.5**	**8.9**	**9.0**	**9.7**	**10.3**	**11.6**	**11.1**	**11.2**	**11.8**
In families	6.8	8.1	7.5	7.4	8.0	8.8	9.9	9.3	9.2	9.7
Householder	1.7	2.1	2.0	2.0	2.1	2.2	2.6	2.5	2.5	2.6
Related children under 18 years	3.7	4.3	4.1	4.0	4.3	4.7	5.1	4.8	4.8	5.0
Other family members	1.3	1.7	1.5	1.4	1.5	1.9	2.3	2.1	1.9	2.0
Unrelated individuals	1.2	1.3	1.3	1.4	1.5	1.4	1.6	1.6	1.8	1.9
In families with female householder, no husband present [2]	**13.5**	**16.4**	**16.4**	**16.9**	**16.9**	**17.4**	**20.3**	**20.1**	**21.0**	**20.8**
In families	9.4	11.8	11.6	11.9	12.1	11.6	14.0	13.7	14.2	14.1
Householder	2.6	3.5	3.5	3.6	3.6	3.3	4.2	4.2	4.3	4.3
Related children under 18 years	5.6	6.8	6.7	6.9	7.1	6.7	7.7	7.6	7.9	8.0
Other family members	1.1	1.6	1.4	1.4	1.4	1.6	2.1	2.0	1.9	1.8
Unrelated individuals	3.8	4.0	4.2	4.3	4.2	5.4	5.7	5.8	6.0	5.9
In all other families [2]	**12.6**	**17.3**	**16.7**	**15.4**	**15.6**	**19.2**	**25.0**	**24.1**	**22.5**	**22.7**
In families	10.6	14.6	14.1	12.8	12.9	16.5	21.5	20.7	19.0	19.0
Householder	2.8	3.8	3.7	3.4	3.4	4.5	5.7	5.6	5.1	5.1
Related children under 18 years	4.4	6.2	5.8	5.3	5.4	6.6	8.7	8.2	7.6	7.6
Other family members	3.4	4.7	4.6	4.1	4.1	5.4	7.1	6.9	6.3	6.3
Unrelated individuals	2.0	2.6	2.5	2.5	2.7	2.7	3.4	3.3	3.4	3.6
PERCENT OF POPULATION										
All persons [2]	**11.7**	**14.4**	**14.0**	**13.6**	**13.5**	**16.4**	**19.4**	**18.7**	**18.2**	**18.1**
In families	10.2	13.1	12.6	12.0	12.1	14.4	17.5	16.9	16.2	16.0
Householder	9.2	11.6	11.4	10.9	10.8	13.1	15.8	15.3	14.7	14.5
Related children under 18 years	16.0	21.0	20.1	19.8	20.0	21.3	26.6	25.5	25.1	25.1
Other family members	6.1	8.0	7.7	6.9	6.9	9.5	11.8	11.3	10.3	10.2
Unrelated individuals	21.9	21.8	21.5	21.6	20.8	30.7	29.9	29.0	29.8	29.0
White	**9.0**	**11.5**	**11.4**	**11.0**	**10.5**	**13.1**	**16.1**	**15.7**	**15.2**	**14.7**
In families	7.4	10.1	9.9	9.4	9.1	10.9	14.1	13.7	13.0	12.6
Householder	6.9	9.1	9.1	8.6	8.2	10.2	12.8	12.7	12.0	11.5
Related children under 18 years	11.4	16.1	15.6	15.3	15.0	15.9	21.3	20.5	20.0	19.6
Other family members	4.7	6.4	6.4	5.7	5.4	7.5	9.8	9.5	8.6	8.3
Unrelated individuals	19.7	19.9	19.6	19.2	18.2	28.6	27.9	27.0	27.3	26.3
Black	**31.0**	**33.8**	**31.3**	**31.1**	**33.1**	**39.9**	**41.4**	**38.8**	**38.7**	**40.2**
In families	30.0	33.2	30.5	29.7	31.8	39.0	40.7	37.9	37.1	38.6
Householder	27.8	30.9	28.7	28.0	29.9	36.2	38.2	35.8	35.0	36.4
Related children under 18 years	40.8	46.2	43.1	42.7	45.1	51.1	54.1	51.0	50.8	52.8
Other family members	18.2	20.5	17.7	16.5	18.1	26.1	27.7	24.8	23.3	24.2
Unrelated individuals	*37.3*	*35.8*	*34.7*	*38.5*	*38.3*	*45.4*	*44.6*	*42.7*	*47.3*	*47.2*
In families with female householder, no husband present [2]	**32.0**	**34.0**	**33.5**	**34.2**	**33.6**	**41.3**	**41.9**	**41.1**	**42.4**	**41.4**
In families	34.9	38.4	37.6	38.3	38.3	43.2	45.3	44.5	45.6	44.8
Householder	30.4	34.5	34.0	34.6	34.3	38.2	41.5	40.8	41.6	40.6
Related children under 18 years	48.6	54.0	53.6	54.4	54.7	58.0	61.2	60.7	62.3	61.9
Other family members	16.9	19.1	17.3	17.5	17.0	23.9	25.7	24.2	24.1	22.6
Unrelated individuals	26.0	24.4	24.8	25.1	23.7	37.0	34.2	33.9	35.0	33.6
In all other families [2]	**7.0**	**9.3**	**8.9**	**8.2**	**8.2**	**10.6**	**13.5**	**12.8**	**11.9**	**11.9**
In families	6.3	8.5	8.2	7.3	7.4	9.8	12.6	11.9	10.9	10.9
Householder	5.5	7.2	7.0	6.3	6.3	8.8	10.8	10.5	9.5	9.4
Related children under 18 years	*8.5*	*12.5*	*11.7*	*10.8*	*10.9*	*13.0*	*17.7*	*16.5*	*15.4*	*15.4*
Other family members	5.1	6.7	6.6	5.8	5.8	8.1	10.2	9.8	8.8	8.8
Unrelated individuals	16.9	18.7	17.4	17.5	17.5	22.9	24.8	23.2	23.5	23.8

[1] Population controls based on 1980 census; see text section 14. [2] 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.

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No. 736. Persons Below Poverty Level, by Race, Hispanic Origin, Age, and Region: 1987

[Persons as of **March 1988**. Based on Current Population Survey; see headnote, table 720. For explanation of poverty level, see text, section 14. For composition of regions, see fig. I, inside front cover]

Age and region	Number below poverty level (1,000)				Percent below poverty level			
	All races [1]	White	Black	Hispanic [2]	All races [1]	White	Black	Hispanic [2]
Total	**32,546**	**21,409**	**9,683**	**5,470**	**13.5**	**10.5**	**33.1**	**28.2**
Under 16 years old	11,859	7,289	4,007	2,493	21.2	16.2	46.7	40.6
16–21 years old	3,455	2,148	1,144	565	15.9	12.1	36.0	27.5
22–44 years old	9,596	6,470	2,647	1,628	10.7	8.5	25.1	21.2
45–64 years old	4,145	2,905	1,077	536	9.1	7.4	23.5	20.4
65 years old and over	3,491	2,597	808	247	12.2	10.1	33.9	27.4
Northeast	5,476	3,860	1,391	1,232	11.0	8.9	28.8	36.6
Midwest	7,499	5,185	2,041	366	12.7	9.9	36.6	27.5
South	13,287	7,426	5,648	1,910	16.1	11.5	34.5	31.0
West	6,285	4,939	603	1,962	12.6	11.5	24.3	23.0

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

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 161.

No. 737. Persons 65 Years Old and Over Below Poverty Level, by Selected Characteristics: 1970 to 1987

[Persons as of **March of following year.** See headnote, table 736]

Characteristic	Number below poverty level (1,000)					Percent below poverty level				
	1970	1979 [1]	1985	1986	1987	1970	1979 [1]	1985	1986	1987
Persons, 65 yr. and over [2]	**4,793**	**3,682**	**3,456**	**3,477**	**3,491**	**24.6**	**15.2**	**12.6**	**12.4**	**12.2**
White	4,011	2,911	2,698	2,689	2,597	22.6	13.3	11.0	10.7	10.1
Black	735	740	717	722	808	47.7	36.3	31.5	31.0	33.9
Hispanic [3]	(NA)	154	219	204	247	(NA)	26.8	23.9	22.5	27.4
In families	2,013	1,380	1,173	1,164	1,247	14.8	8.4	6.4	6.2	6.5
Householder	1,188	822	708	716	751	16.5	9.1	7.0	7.0	7.2
Male	980	629	498	520	533	15.9	8.4	6.0	6.1	6.1
Female	209	193	210	196	218	20.1	13.0	12.1	11.8	12.6
Other members	825	559	465	448	496	13.0	7.6	5.6	5.2	5.7
Unrelated individuals	2,779	2,299	2,281	2,311	2,241	47.2	29.4	25.6	25.2	24.0
Male	549	428	402	412	416	38.9	25.3	20.5	19.6	19.3
Female	2,230	1,871	1,879	1,899	1,825	49.8	30.5	27.0	26.8	25.4
Persons, 60 yr. and over	**5,977**	**4,753**	**4,677**	**4,547**	**4,657**	**21.3**	**13.9**	**12.3**	**11.7**	**11.8**

NA Not available. [1] Population controls based on 1980 census; see text, section 14. [2] Beginning 1979, includes members of unrelated subfamilies not shown separately. For earlier years, unrelated subfamily members are included in the "in families" category. [3] Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 161, and unpublished data.

No. 738. Children Below the Poverty Level, by Race and Hispanic Origin: 1970 to 1987

[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 720. For explanation of poverty, see text, section 14. For composition of regions, see fig. I, inside front cover]

Year and region	Number below poverty level (1,000)				Percent below poverty level			
	All races [1]	White	Black	Hispanic [2]	All races [1]	White	Black	Hispanic [2]
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	4,398	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	12,435	7,550	4,297	2,631	20.0	15.0	45.1	39.3
Northeast	1,986	1,342	571	600	16.9	13.5	39.4	52.9
Midwest	2,874	1,821	942	184	18.4	13.6	51.5	35.3
South	5,052	2,465	2,511	893	23.4	15.7	45.9	43.7
West	2,522	1,922	273	953	18.9	16.9	35.4	31.9

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

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 161, and earlier reports.

NO. 739. FAMILIES BELOW POVERTY LEVEL AND BELOW 125 PERCENT OF POVERTY LEVEL: 1959 TO 1987

[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 [1]	White	Black	Hispanic [2]	All races [1]	White	Black	Hispanic [2]	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
1966	5,784	4,106	1,620	(NA)	11.8	9.3	35.5	(NA)	8,637	17.6
1969	5,008	3,575	1,366	(NA)	9.7	7.7	27.9	(NA)	7,353	14.3
1970	5,260	3,708	1,481	(NA)	10.1	8.0	29.5	(NA)	7,516	14.4
1971	5,303	3,751	1,484	(NA)	10.0	7.9	28.8	(NA)	7,761	14.6
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 [3]	5,320	3,515	1,666	610	9.1	6.8	27.6	19.7	7,586	13.0
1979 [4]	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	7,681	5,254	2,161	985	12.4	9.7	32.3	26.0	10,410	16.8
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

NA Not available. [1] Includes other races not shown separately. [2] Hispanic persons may be of any race. [3] Population controls based on 1970 census; see text, section 14. [4] Population controls based on 1980 census; see text, section 14.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 161.

NO. 740. FAMILIES BELOW POVERTY LEVEL—SELECTED CHARACTERISTICS, BY RACE AND HISPANIC ORIGIN: 1987

[**In thousands, except percent.** Families as of **March 1988.** For explanation of poverty, see text, section 14. For composition of regions, see fig. I, inside front cover]

CHARACTERISTIC	NUMBER BELOW POVERTY LEVEL				PERCENT BELOW POVERTY LEVEL			
	All races [1]	White	Black	Hispanic [2]	All races [1]	White	Black	Hispanic [2]
Total	**7,059**	**4,592**	**2,149**	**1,183**	**10.8**	**8.2**	**29.9**	**25.8**
Age of householder:								
15-24 years old	863	558	285	157	29.5	23.8	56.7	37.8
25-34 years old	2,317	1,429	782	415	15.4	11.4	39.4	28.9
35-44 years old	1,595	1,081	431	304	10.1	8.0	24.4	25.5
45-54 years old	774	478	247	140	7.0	5.0	20.8	19.6
55-64 years old	759	535	190	97	7.8	6.2	22.9	19.0
65 years old and over	751	511	215	70	7.2	5.4	23.7	21.6
Northeast	1,220	859	312	320	9.1	7.2	26.3	34.9
Midwest	1,620	1,090	467	82	10.2	7.7	33.6	26.7
South	2,925	1,636	1,237	398	12.8	8.8	31.1	27.0
West	1,293	1,007	133	383	9.9	8.8	21.3	20.3
Size of family:								
2 persons	2,346	1,645	609	234	8.7	6.9	25.4	20.0
3 persons	1,622	1,040	519	268	10.5	7.9	28.4	24.0
4 persons	1,414	906	457	255	10.3	7.7	29.5	22.7
5 persons	864	538	280	212	14.8	11.1	37.4	33.9
6 persons	453	273	137	114	22.0	17.1	40.3	35.8
7 persons or more	360	191	148	101	29.5	23.5	46.6	42.3
Mean size	3.54	3.44	3.70	4.10	(x)	(x)	(x)	(x)
Mean number of children per family with children	2.25	2.19	2.36	2.61	(x)	(x)	(x)	(x)
Education of householder: [3]								
Elementary: Less than 8 years	1,207	827	299	476	28.3	25.4	36.4	40.9
8 years	552	403	133	89	17.1	14.4	34.9	31.3
High school: 1 to 3 years	1,406	810	556	203	18.8	13.4	42.6	30.6
4 years	2,132	1,377	685	187	9.3	6.9	27.8	16.3
College: 1 year or more	899	617	191	72	3.7	2.9	11.2	7.8
Work experience of householder in 1987: [4]								
Total	**7,022**	**4,567**	**2,137**	**1,178**	**10.9**	**8.2**	**30.4**	**26.1**
Worked	3,311	2,349	840	563	6.7	5.4	17.5	16.2
50 to 52 weeks	1,334	1,012	286	269	3.4	2.9	8.2	10.2
1 to 49 weeks	1,977	1,337	555	295	19.9	16.2	41.3	34.4
Did not work	3,712	2,219	1,297	615	25.3	18.4	58.2	59.0

X Not applicable. [1] Includes other races not shown separately. [2] Hispanic persons may be of any race. [3] Householder 25 years old and over. [4] Restricted to families with civilian workers.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 161.

No. 741. Families Below Poverty Level and Below 125 Percent of Poverty Level, by Type: 1970 to 1986

[**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, 1971–1987]

ITEM	1970	1975	1980	1981	1982	1983	1984	1985	1986
NUMBER OF FAMILIES									
All families	67,281	76,365	87,702	88,969	89,625	91,665	93,398	95,297	96,602
Families with children [1]	30,067	31,392	33,116	32,901	32,931	33,130	33,353	33,952	34,267
Married couples	24,457	24,639	24,611	24,149	24,105	24,101	23,960	24,444	24,426
Single mothers	3,386	4,678	6,014	6,205	6,150	6,410	6,571	6,646	6,852
Nonelderly units:									
Childless families	14,977	16,965	18,534	19,195	19,487	19,805	20,181	20,175	20,677
Unrelated individuals	9,469	13,252	19,008	19,445	19,384	20,573	21,403	22,312	22,360
Elderly units:									
Childless families	6,907	7,904	9,050	9,294	9,414	9,567	9,698	9,935	10,113
Unrelated individuals	5,840	6,851	7,991	8,134	8,406	8,590	8,764	8,922	9,185
NUMBER OF FAMILIES BELOW POVERTY LEVEL									
All families	9,775	9,630	10,869	11,578	12,142	12,695	12,091	12,203	12,269
Families with children [1]	3,330	3,903	4,432	4,691	5,291	5,463	5,230	5,177	5,199
Married couples	1,558	1,629	1,555	1,683	1,969	2,051	1,877	1,803	1,644
Single mothers	1,509	2,050	2,498	2,648	2,890	2,948	2,918	2,957	3,121
Nonelderly units:									
Childless families	662	611	587	797	920	954	907	898	826
Unrelated individuals	2,146	2,677	3,307	3,591	3,578	3,975	3,890	3,990	4,016
Elderly units:									
Childless families	965	504	574	527	527	529	408	420	413
Unrelated individuals	2,672	1,936	1,969	1,972	1,827	1,774	1,656	1,718	1,815
PERCENT BELOW POVERTY LEVEL									
All families	15	13	12	13	14	14	13	13	13
Families with children [1]	11	12	13	14	16	16	16	15	15
Married couples	6	7	6	7	8	9	8	7	7
Single mothers	45	44	42	43	47	46	44	44	46
Nonelderly units:									
Childless families	4	4	3	4	5	5	4	4	4
Unrelated individuals	23	20	17	18	18	19	18	18	18
Elderly units:									
Childless families	14	6	6	6	6	6	4	4	4
Unrelated individuals	46	28	25	24	22	21	19	19	20
PERCENT BELOW 125 PERCENT OF POVERTY LEVEL									
All families	20	19	18	18	19	19	18	18	18
Families with children [1]	16	18	17	19	21	22	21	19	19
Married couples	11	11	10	11	12	13	12	10	10
Single mothers	54	53	49	51	54	53	53	52	54
Nonelderly units:									
Childless families	6	6	5	6	7	7	7	7	6
Unrelated individuals	27	26	23	23	24	24	24	22	22
Elderly units:									
Childless families	22	13	11	11	10	9	8	8	8
Unrelated individuals	59	44	40	40	36	35	33	33	34

[1] Includes other types of families not shown separately.

Source: Congressional Budget Office, *Trends in Family Income: 1970–1986*, February 1988.

No. 742. Persons Below Poverty Level and Poverty Rate, by Valuation Technique and Type of Noncash Benefit Included: 1980 to 1987

[Persons as of **March** of the **following year.** Valuation techniques that are used to measure noncash benefits are as follows: (1) Market value approach which is equal to the purchase price in the private market of the goods received by the recipient; and (2) recipient and/or cash equivalent approach which is the amount of cash that would make the recipient just as well off as the in-kind transfer or would reflect the recipient's own valuation of the benefit. For more information on the methodology, see source]

VALUATION TECHNIQUE AND TYPE OF NONCASH BENEFIT INCLUDED	1980	1982	1983	1984	1985	1986	1987
NUMBER BELOW POVERTY LEVEL (1,000)							
Current poverty definition [1]	29,272	34,398	35,515	33,700	33,064	32,370	32,546
Market value approach:							
Including food and housing	25,042	30,688	32,123	30,103	29,489	28,908	29,004
Including food, housing, and medical benefits, excluding institutional expenditures	18,221	23,563	24,512	23,019	21,941	20,983	20,440
Recipient and/or cash equivalent approach:							
Including food and housing	25,633	31,365	32,718	30,909	30,351	29,713	29,821
Including food, housing, and medical benefits, excluding institutional expenditures	23,895	29,407	30,720	28,917	28,281	26,579	26,575
PERCENT BELOW POVERTY LEVEL							
Current poverty definition [1]	13.0	15.0	15.3	14.4	14.0	13.6	13.5
Market value approach:							
Including food and housing	11.1	13.4	13.9	12.9	12.5	12.1	12.0
Including food, housing, and medical benefits, excluding institutional expenditures	8.1	10.3	10.6	9.8	9.3	8.8	8.5
Recipient and/or cash equivalent approach:							
Including food and housing	11.4	13.7	14.1	13.2	12.8	12.5	12.4
Including food, housing, and medical benefits, excluding institutional expenditures	10.6	12.8	13.3	12.4	12.0	11.1	11.0

[1] See text, section 14.

Source: U.S. Bureau of the Census, *Estimates of Poverty Including the Value of Noncash Benefits: 1987*, Technical Paper 58.

No. 743. Persons Below Poverty Level and Poverty Rate, by Selected Characteristic, Using Alternative Methods of Valuing Noncash Benefits: 1987

[Persons as of **March 1988.** For explanation of valuation techniques, see headnote, table 742. For composition of regions, see fig. I, inside front cover]

CHARACTERISTIC	NUMBER (1,000)					PERCENT BELOW POVERTY LEVEL				
		Market value		Recipient value			Market value		Recipient value	
	Current poverty definition	Valuing food and housing	Valuing food, housing, and medical benefits, excluding institutional expenditures	Valuing food and housing	Valuing food, housing, and medical benefits, excluding institutional expenditures	Current poverty definition	Valuing food and housing	Valuing food, housing, and medical benefits, excluding institutional expenditures	Valuing food and housing	Valuing food, housing, and medical benefits, excluding institutional expenditures
All persons	**32,546**	**29,004**	**20,440**	**29,821**	**26,575**	**13.5**	**12.0**	**8.5**	**12.4**	**11.0**
Under 6 years old	4,983	4,546	3,436	4,640	4,324	22.8	20.8	15.7	12.2	19.8
6–17 years old	8,032	6,947	5,010	7,131	6,561	19.4	16.8	12.1	17.2	15.9
18–24 years old	3,993	3,710	3,092	3,774	3,571	15.3	14.2	11.9	14.5	13.7
25–44 years old	7,901	7,106	5,532	7,295	6,745	10.2	9.2	7.1	9.4	8.7
45–64 years old	4,145	3,795	2,777	3,936	3,534	9.1	8.4	6.1	8.7	7.8
65 years old and over	3,491	2,899	592	3,044	1,839	12.2	10.2	2.1	10.7	6.4
White	21,409	19,336	14,086	19,757	17,664	10.5	9.5	6.9	9.7	8.7
Black	9,683	8,349	5,475	8,713	7,768	33.1	28.5	18.7	29.8	26.5
Hispanic [1]	5,470	4,904	3,565	4,974	4,620	28.2	25.3	18.4	25.6	23.8
Northeast	5,476	4,748	2,771	4,938	4,261	11.0	9.6	5.6	9.9	8.6
Midwest	7,499	6,698	4,560	6,924	6,082	12.7	11.3	7.7	11.7	10.3
South	13,287	11,891	8,893	12,205	11,073	16.1	14.4	10.8	14.8	13.4
West	6,285	5,667	4,216	5,754	5,158	12.6	11.4	8.5	11.6	10.4

[1] Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Estimates of Poverty Including the Value of Noncash Benefits: 1987*, Technical Paper 58.

No. 744. Gross and Net Stock of Fixed Reproducible Tangible Wealth in Current and Constant (1982) Dollars: 1970 to 1987

[In billions of dollars. As of December 31]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987
CURRENT DOLLARS													
Gross stock, total	**4,335**	**7,605**	**9,359**	**10,905**	**12,366**	**13,914**	**15,330**	**15,873**	**16,768**	**17,733**	**18,770**	**19,723**	**20,973**
Equipment	1,583	2,686	3,297	3,727	4,247	4,849	5,432	5,840	6,160	6,499	6,900	7,352	7,804
Structures	2,752	4,919	6,063	7,177	8,119	9,065	9,899	10,032	10,607	11,235	11,870	12,371	13,169
Private	2,649	4,756	5,992	6,981	7,902	8,943	10,007	10,343	10,929	11,566	12,105	12,693	13,512
Nonresidential equipment	679	1,252	1,558	1,770	2,031	2,353	2,680	2,894	3,008	3,153	3,287	3,447	3,607
Nonresidential structures	774	1,409	1,696	2,004	2,194	2,491	2,823	2,965	3,087	3,280	3,420	3,547	3,747
Residential	1,195	2,094	2,739	3,207	3,677	4,098	4,503	4,484	4,834	5,133	5,399	5,699	6,157
Corporate	1,115	2,056	2,518	2,902	3,264	3,748	4,259	4,542	4,706	4,977	5,202	5,443	5,737
Noncorporate	1,533	2,700	3,474	4,080	4,638	5,195	5,748	5,801	6,223	6,589	6,903	7,249	7,774
Government	1,006	1,730	1,995	2,372	2,704	2,997	3,162	3,234	3,387	3,561	3,848	3,965	4,143
Equipment	224	314	367	406	456	521	590	651	700	739	796	841	879
Structures	782	1,416	1,628	1,966	2,248	2,476	2,572	2,583	2,687	2,822	3,052	3,125	3,264
Federal	371	549	635	710	802	910	997	1,059	1,123	1,162	1,257	1,308	1,359
Military	228	316	366	403	465	533	586	636	683	708	784	823	854
State and local	635	1,181	1,361	1,662	1,902	2,087	2,165	2,175	2,264	2,400	2,591	2,658	2,784
Consumer durable goods	680	1,119	1,372	1,552	1,760	1,974	2,162	2,295	2,452	2,606	2,817	3,064	3,318
Net stock, total	**2,637**	**4,600**	**5,625**	**6,564**	**7,436**	**8,312**	**9,094**	**9,310**	**9,775**	**10,325**	**10,912**	**11,460**	**12,198**
Private	1,637	2,934	3,681	4,295	4,867	5,484	6,104	6,242	6,563	6,939	7,255	7,603	8,091
Government	627	1,070	1,218	1,449	1,644	1,808	1,894	1,926	2,005	2,100	2,259	2,321	2,423
Consumer durable goods	372	596	725	820	925	1,020	1,096	1,142	1,207	1,286	1,398	1,535	1,684
CONSTANT (1982) DOLLARS													
Gross stock, total	**10,743**	**12,772**	**13,597**	**14,093**	**14,604**	**15,042**	**15,467**	**15,834**	**16,245**	**16,762**	**17,335**	**17,921**	**18,523**
Equipment	3,344	4,236	4,638	4,889	5,146	5,355	5,558	5,741	5,952	6,223	6,537	6,864	7,217
Structures	7,399	8,536	8,958	9,204	9,458	9,687	9,909	10,093	10,293	10,539	10,798	11,057	11,307
Private	6,989	8,313	8,837	9,164	9,514	9,813	10,106	10,334	10,579	10,904	11,254	11,602	11,945
Nonresidential equipment	1,620	2,084	2,273	2,400	2,537	2,651	2,759	2,834	2,913	3,024	3,154	3,282	3,416
Nonresidential structures	2,118	2,429	2,540	2,609	2,686	2,769	2,865	2,951	3,020	3,104	3,195	3,263	3,323
Residential	3,251	3,800	4,023	4,154	4,291	4,393	4,481	4,548	4,646	4,776	4,906	5,057	5,207
Corporate	2,883	3,480	3,715	3,867	4,036	4,194	4,354	4,481	4,600	4,771	4,969	5,148	5,325
Noncorporate	4,106	4,833	5,122	5,297	5,477	5,619	5,752	5,853	5,979	6,132	6,285	6,454	6,621
Government	2,548	2,839	2,943	3,001	3,056	3,118	3,171	3,230	3,291	3,348	3,422	3,501	3,594
Equipment	518	532	549	561	575	592	609	637	665	689	725	764	817
Structures	2,030	2,307	2,395	2,440	2,481	2,525	2,562	2,594	2,627	2,659	2,697	2,737	2,777
Federal	922	934	952	965	980	999	1,018	1,046	1,075	1,098	1,133	1,168	1,216
Military	554	544	555	561	574	588	600	624	647	666	695	729	769
State and local	1,626	1,905	1,992	2,036	2,076	2,118	2,153	2,185	2,217	2,250	2,290	2,334	2,378
Consumer durable goods	1,206	1,620	1,816	1,928	2,034	2,111	2,190	2,270	2,375	2,511	2,658	2,818	2,984
Net stock, total	**6,566**	**7,743**	**8,177**	**8,487**	**8,762**	**8,972**	**9,165**	**9,299**	**9,469**	**9,750**	**10,079**	**10,416**	**10,765**
Private	4,313	5,130	5,421	5,622	5,841	6,005	6,156	6,244	6,349	6,535	6,741	6,940	7,132
Government	1,594	1,753	1,796	1,826	1,852	1,878	1,898	1,925	1,949	1,974	2,012	2,053	2,106
Consumer durable goods	659	860	960	1,019	1,069	1,090	1,111	1,129	1,170	1,242	1,327	1,424	1,528

Source: U.S. Bureau of Economic Analysis, *Fixed Reproducible Tangible Wealth in the United States, 1925–85* and *Survey of Current Business*, January 1986 and August 1988.

No. 745. Household Net Worth—Ownership, Median Equity Value of Asset Holdings, and Distribution of Net Worth, by Type of Asset: 1984

[Equity values of asset and liability balances held at the end of months August-November 1984. 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]

TYPE OF ASSET	Percent of households owning asset type	Median value of holdings for asset owner	Percent distribution of net worth	TYPE OF ASSET	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	3,066	14.4	Checking accounts [1]	53.9	449	.6
Savings accounts	62.9	(NA)	(NA)	Stocks and mutual funds	20.0	3,892	6.8
Money market deposit accounts	15.7	(NA)	(NA)	Own home	64.3	40,597	41.3
Certificates of deposit	19.1	(NA)	(NA)	Rental property	9.8	34,556	9.0
Interest-earning checking	24.9	(NA)	(NA)	Other real estate	10.0	14,791	4.4
Other interest-earning assets	8.5	9,471	3.1	Vehicles	85.8	4,104	6.0
Money market funds	3.8	(NA)	(NA)	Own business or profession	12.9	6,298	10.3
Government securities	1.4	(NA)	(NA)	U.S. savings bonds	15.0	300	.5
Corporate or municipal bonds	2.6	(NA)	(NA)	IRA or KEOGH accounts	19.5	4,805	2.2
Other interest-earning assets	2.8	(NA)	(NA)	Other financial instruments [2]	6.9	12,789	4.9

NA Not available. [1] Regular non-interest-earning checking accounts. [2] Includes mortgages held from sale of real estate amount due from sale of a business, unit trusts, and other financial investments.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-70, No. 7.

NO. 746. HOUSEHOLD NET WORTH—PERCENT DISTRIBUTION BY SELECTED CHARACTERISTICS: 1984

[See headnote, table 745. 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 and over	
Total	**86,790**	**11.0**	**15.3**	**6.4**	**12.4**	**14.5**	**19.3**	**15.3**	**5.9**	**32,667**
Age of householder:										
Less than 35 years old	25,730	19.1	28.9	11.0	17.2	11.9	8.2	2.9	.9	5,764
35 to 44 years old	17,393	9.7	12.5	6.1	13.4	18.3	21.4	13.7	4.7	35,581
45 to 54 years old	12,596	8.2	8.5	4.1	10.6	14.1	24.9	21.0	8.7	56,791
55 to 64 years old	12,920	5.3	7.7	3.3	7.8	13.3	25.3	25.7	11.6	73,664
65 years old and over	18,151	6.7	8.7	4.0	9.1	15.5	24.7	23.1	8.2	60,266
Race of householder:										
White	75,343	8.4	14.0	6.3	12.2	15.0	20.7	16.9	6.5	39,135
Black	9,509	30.5	23.9	6.8	14.0	11.7	9.3	3.3	.6	3,397
Hispanic [1]	**4,162**	**23.9**	**26.3**	**7.6**	**11.4**	**9.5**	**13.1**	**5.1**	**3.1**	**4,913**
Region:										
Northeast	18,533	12.4	13.7	6.2	10.5	13.6	21.2	17.0	5.6	37,734
Midwest	22,141	9.7	14.4	5.7	12.4	16.7	21.0	14.5	5.7	35,707
South	29,430	10.6	16.2	7.1	14.5	15.5	17.8	13.4	4.9	27,296
West	16,686	11.9	16.7	6.4	10.6	10.7	17.4	17.9	8.5	33,525
Type of household:										
Married-couple households	50,606	6.0	10.5	5.6	12.2	15.6	22.7	19.5	8.0	50,116
Male householder	12,588	15.5	25.1	9.7	13.3	11.6	13.0	8.0	4.0	9,883
Female householder	23,596	19.3	20.3	6.4	12.2	13.5	15.3	10.3	2.6	13,885
Education of householder:										
Less than 12 years	24,736	15.1	17.2	6.6	12.4	15.9	16.6	11.3	2.9	23,447
High school: 4 years	27,454	10.1	17.0	6.3	12.7	14.6	19.9	14.8	4.6	31,892
College: 1 to 3 years	17,171	10.2	16.7	7.2	13.0	13.8	19.3	14.4	5.5	29,121
4 years or more	17,430	7.4	8.5	5.6	11.3	12.8	19.1	22.7	12.8	60,417
Tenure:										
Owner	55,820	1.4	2.9	3.9	13.1	19.6	28.0	22.5	8.7	63,253
Renter	30,970	28.3	37.6	11.0	11.1	5.2	3.6	2.3	.9	1,921

[1] Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-70, No. 7.

NO. 747. HOUSEHOLD NET WORTH—MEDIAN VALUE OF HOLDINGS: 1984

[**In dollars.** Balances of assets and liabilities held at the end of months August-November 1984. Data exclude group quarters. Based on the Survey of Income and Program Participation; see text, section 14. For definition of median, see Guide to Tabular Presentation]

CHARACTERISTIC	Net worth	Interest-earning deposits [1]	Other interest-earning assets [2]	Regular checking accounts [3]	EQUITY IN—					IRA and KEOGH accounts
					Own home	Rental property	Other real estate	Motor vehicles	Own business or profession	
Total	**32,667**	**3,066**	**9,471**	**449**	**40,597**	**34,556**	**14,791**	**4,104**	**6,298**	**4,805**
Age of householder:										
Less than 35 years old	5,764	901	2,318	327	17,586	17,482	10,225	3,321	2,643	2,484
35 to 44 years old	35,581	1,894	5,260	410	37,268	31,666	14,324	4,499	6,140	4,438
45 to 54 years old	56,791	3,387	7,766	538	48,172	34,164	16,855	5,422	13,271	5,351
55 to 64 years old	73,664	7,340	13,559	568	54,059	42,840	17,748	4,871	10,639	6,390
65 years old and over	60,266	13,255	18,144	651	46,192	42,527	17,329	3,372	5,019	6,369
Race of householder:										
White	39,135	3,457	9,826	457	41,999	34,516	15,488	4,293	7,113	4,922
Black	3,397	739	(B)	318	24,077	27,291	10,423	2,691	2,054	2,450
Hispanic [4]	**4,913**	**1,178**	(B)	**359**	**38,867**	**23,772**	**10,689**	**3,091**	**6,580**	**3,257**
Region:										
Northeast	37,734	3,923	9,101	424	49,213	29,104	20,259	4,233	6,259	4,914
Midwest	35,707	2,964	8,784	374	37,139	35,752	12,345	4,404	7,057	4,672
South	27,296	2,774	9,570	501	34,129	29,695	12,524	4,042	6,987	4,878
West	33,525	2,962	10,017	496	52,062	44,929	22,037	3,675	5,455	4,781
Type of household:										
Married-couple households	50,116	3,336	9,150	477	42,634	38,119	15,944	4,942	8,087	5,499
Male householder	9,883	2,091	8,368	481	30,238	32,676	10,933	3,102	5,157	4,262
Female householder	13,885	2,941	10,083	358	38,009	26,414	10,849	2,731	1,733	3,976
Education of householder:										
Less than 12 years	23,477	3,888	9,972	392	34,905	30,271	10,503	3,119	5,430	4,692
High school: 4 years	31,892	2,563	7,434	391	39,890	33,085	14,878	4,087	5,884	4,487
College: 1 to 3 years	29,121	2,049	8,077	433	41,114	32,810	13,144	4,192	6,077	4,442
4 or more years	60,417	4,296	9,890	677	51,188	40,976	21,156	5,231	7,954	5,520
Tenure:										
Owner	63,253	4,333	10,051	508	40,597	34,876	15,135	4,892	10,196	5,265
Renter	1,921	1,182	5,056	342	(X)	32,128	12,968	2,725	2,002	3,205

B Base figure too small to meet statistical standards for reliability of derived figure. X Not applicable. [1] At financial institutions. Includes passbook savings accounts, money market deposit accounts, certificates of deposit, and interest-earning checking accounts. [2] Includes money market funds, U.S. Government securities, municipal and corporate bonds, and other interest-earning assets. [3] Excludes interest-earning checking. [4] Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-70, No. 7.