

# 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* 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.

**Statistics for States and metropolitan statistical areas (MSAs).**—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986*. For cross-references, see Appendix V.

## NO. 508. NATIONAL DEFENSE OUTLAYS AND VETERANS BENEFITS: 1960 TO 1987

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

YEAR	NATIONAL DEFENSE AND VETERANS OUTLAYS				ANNUAL PERCENT CHANGE <sup>1</sup>				DEFENSE OUTLAYS, PERCENT OF—	
	Total outlays (bil. dol.)	Defense outlays		Veterans outlays (bil. dol.)	Total outlays Current dollars	Defense outlays		Veterans outlays	Federal outlays	Gross national product <sup>2</sup>
		Current dollars (bil. dol.)	Constant (1982) dollars (bil. dol.)			Current dollars	Constant (1982) dollars			
1960.....	53.5	48.1	192.1	5.4	2.5	2.4	-1.9	3.1	52.2	9.5
1962.....	56.0	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	1.7	2.0	-2.5	-1.9	48.0	9.1
1964.....	60.4	54.8	198.8	5.7	2.7	2.5	.9	2.9	46.2	8.7
1965.....	56.3	50.6	181.4	5.7	-6.9	-7.6	-8.8	.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	22.3	22.9	18.8	13.8	45.4	9.0
1968.....	89.0	81.9	254.8	7.0	13.4	14.7	8.4	4.4	46.0	9.6
1969.....	90.1	82.5	243.4	7.6	1.5	.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	183.3	13.4	4.5	3.5	-6.7	11.4	29.5	5.8
1975.....	103.1	86.5	159.8	16.6	11.2	9.0	-2.1	24.0	26.0	5.7
1976.....	108.1	89.6	153.6	18.4	4.8	3.6	-3.9	11.0	24.1	5.3
1976, TO <sup>3</sup>	26.2	22.3	37.1	4.0	(X)	(X)	(X)	(X)	23.1	5.0
1977.....	115.3	97.2	154.3	18.0	6.7	8.5	.5	-2.1	23.8	5.0
1978.....	123.5	104.5	155.0	19.0	7.2	7.5	.5	5.2	22.8	4.8
1978.....	138.3	116.3	159.1	19.9	10.3	11.3	2.6	5.0	23.1	4.8
1980.....	155.2	134.0	164.0	21.2	14.0	15.2	3.1	6.9	22.7	5.0
1981.....	180.5	157.5	171.4	23.0	16.3	17.5	4.5	8.5	23.2	5.3
1982.....	209.3	185.3	185.3	24.0	16.0	17.6	8.1	4.2	24.9	5.9
1983.....	234.7	209.9	201.3	24.8	12.1	13.3	8.6	3.7	26.0	6.3
1984.....	253.0	227.4	211.5	25.6	7.8	8.3	5.1	3.1	26.7	6.2
1985.....	279.0	252.7	228.7	26.3	10.3	11.1	8.1	2.6	26.7	6.4
1986.....	299.7	273.4	242.1	26.4	7.4	8.2	5.9	.2	27.6	6.6
1987, est.....	308.9	282.2	242.6	26.7	3.0	3.2	.2	1.2	27.8	6.4

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

Source: U.S. Office of Management and Budget, *Historical Tables, Budget of the United States Government, 1988*.

## NO. 509. FEDERAL BUDGET OUTLAYS FOR NATIONAL DEFENSE FUNCTIONS: 1970 TO 1987

[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	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987, est.
<b>Total.....</b>	<b>81.7</b>	<b>86.5</b>	<b>97.2</b>	<b>104.5</b>	<b>116.3</b>	<b>134.0</b>	<b>157.5</b>	<b>185.3</b>	<b>209.9</b>	<b>227.4</b>	<b>252.7</b>	<b>273.4</b>	<b>282.2</b>
Annual percent change <sup>1</sup> .....	10.1	8.0	8.5	7.5	11.3	15.2	17.6	17.6	13.3	8.3	11.1	8.2	3.2
Defense Dept., military.....	80.2	85.9	95.3	102.3	113.7	131.0	153.8	180.7	204.4	220.8	245.4	265.6	274.2
Military personnel.....	29.0	32.2	33.7	35.6	37.3	40.9	47.9	55.2	60.9	64.2	67.8	71.5	70.8
Percent of military.....	36.2	37.5	35.3	34.7	32.9	31.2	31.2	30.5	29.8	28.1	27.6	26.9	25.8
Operation, maintenance.....	21.6	26.3	30.6	33.6	36.4	44.8	51.9	59.7	64.9	67.4	72.3	75.3	76.7
Procurement.....	21.6	16.0	18.2	20.0	25.4	29.0	35.2	43.3	53.8	61.9	70.4	78.5	82.7
Research and development.....	7.2	8.9	9.8	10.5	11.2	13.1	15.3	17.7	20.6	23.1	27.1	32.3	34.0
Military construction.....	1.2	1.5	1.9	1.9	2.1	2.5	2.5	2.9	3.5	3.7	4.3	5.1	5.0
Family housing.....	.6	1.1	1.4	1.4	1.5	1.7	1.7	2.0	2.1	2.4	2.6	2.8	2.8
Other <sup>2</sup> .....	-1.0	-1	-2	-6	-2	-1.0	-6	(-)	-1.2	-1.8	.8	2.2	2.1
Atomic energy activities <sup>3</sup> .....	1.4	1.5	1.9	2.1	2.5	2.9	3.4	4.3	5.2	6.1	7.1	7.4	7.4
Defense-related activities <sup>4</sup> .....	.1	-9	(-2)	.1	.1	.1	.3	.3	.3	.5	.3	.3	.8

Z Less than \$50 million. <sup>1</sup> Change from immediate prior year; for 1970, change from 1965.

<sup>2</sup> Revolving and management funds, trust funds, special foreign currency program, allowances, and offsetting receipts.

<sup>3</sup> Defense activities only. <sup>4</sup> Includes civil defense activities.

Source: U.S. Office of Management and Budget, *Historical Tables, Budget of the United States Government, 1988*.

**NO. 510. DEPARTMENT OF DEFENSE—FUNDS AVAILABLE AND OUTLAYS: 1970 TO 1987**

[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	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987, est.
<b>Funds available.....</b>	<b>90.5</b>	<b>102.9</b>	<b>131.5</b>	<b>137.5</b>	<b>148.2</b>	<b>167.2</b>	<b>204.6</b>	<b>243.4</b>	<b>280.0</b>	<b>309.3</b>	<b>346.8</b>	<b>361.1</b>	<b>379.8</b>
Budget authority.....	75.4	87.6	110.2	117.2	126.5	143.8	180.0	216.5	245.0	265.2	294.7	289.1	292.9
Military <sup>1</sup> .....	74.2	85.8	108.1	114.6	123.7	140.7	176.0	211.6	238.7	258.2	286.8	281.4	284.9
Civil.....	1.2	1.8	2.1	2.6	2.8	3.1	4.0	5.0	6.4	7.0	7.9	7.8	8.0
Unobligated balance <sup>2</sup> .....	15.1	15.3	21.3	20.3	21.7	23.3	24.6	26.9	35.0	44.1	52.1	72.0	86.7
Military.....	14.8	15.1	21.0	20.0	21.3	23.0	24.2	26.5	34.6	43.4	51.6	61.5	50.5
Civil.....	.3	.2	.3	.3	.4	.3	.4	.4	.4	.7	.5	10.5	36.2
<b>Outlays (DOD)<sup>3</sup>.....</b>	<b>78.3</b>	<b>87.0</b>	<b>97.9</b>	<b>104.5</b>	<b>116.3</b>	<b>134.0</b>	<b>157.5</b>	<b>195.3</b>	<b>209.9</b>	<b>227.4</b>	<b>252.7</b>	<b>273.4</b>	<b>282.2</b>
Percent of funds available.....	86.5	84.5	74.2	75.5	77.8	79.2	76.4	78.7	71.6	70.7	68.4	70.8	69.5
Military.....	77.1	84.9	95.6	102.3	113.7	131.0	153.8	180.7	204.4	220.8	245.4	265.6	274.2
Civil <sup>3</sup> .....	1.2	2.1	2.3	2.1	2.7	3.0	3.7	4.6	5.5	6.6	7.4	7.7	8.0

<sup>1</sup> Excluding accruals. <sup>2</sup> Start of year. <sup>3</sup> Includes nondefense civil outlays by other departments.  
Source: U.S. Office of Management and Budget, *Budget of the United States Government*, annual.

**NO. 511. DEPARTMENT OF DEFENSE—MILITARY BUDGET AUTHORITY BY MAJOR MISSION: 1975 TO 1987**

[In billions of dollars, except as indicated. 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	1979	1980	1981	1982	1983	1984	1985	1986	1987, est.
<b>Total.....</b>	<b>87.9</b>	<b>123.7</b>	<b>140.7</b>	<b>176.0</b>	<b>211.6</b>	<b>236.7</b>	<b>258.2</b>	<b>286.8</b>	<b>281.4</b>	<b>284.9</b>
General purpose.....	28.1	47.4	52.2	68.8	88.1	98.8	100.7	118.4	116.2	117.2
Training, medical.....	20.0	26.4	29.2	35.3	39.6	42.2	43.3	33.6	33.6	36.3
Research and development.....	7.7	10.9	11.9	14.2	16.9	18.7	21.5	24.4	25.7	28.0
Intelligence and communications.....	6.3	8.0	9.1	11.2	13.9	17.3	20.0	25.1	26.4	28.2
Strategic forces.....	7.2	8.0	11.1	12.7	15.3	19.7	26.1	27.4	24.2	21.5
Central supply and maintenance.....	9.1	13.0	16.0	19.1	21.1	21.6	23.4	26.7	24.4	23.1
Guard and reserve.....	4.8	6.9	7.9	9.9	10.6	12.1	12.2	15.8	15.8	16.0
Airlift and sealift.....	.9	1.7	2.1	2.9	4.0	4.3	5.5	6.7	7.6	7.2
Admin. and assoc. activities.....	2.0	2.3	2.5	3.4	3.6	4.1	4.8	6.1	7.1	6.7
Support of other nations.....	1.8	.4	.6	.9	.9	.7	.7	.6	.5	.7
PERCENT DISTRIBUTION										
<b>Total.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
General purpose.....	32.0	37.9	36.6	38.6	41.2	41.3	39.0	41.3	41.3	41.1
Training, medical.....	22.8	21.1	20.5	19.8	18.5	17.6	16.8	11.7	11.9	12.7
Research and development.....	8.8	8.7	8.3	8.0	7.9	7.8	8.3	8.5	9.1	9.8
Intelligence and communications.....	7.2	6.4	6.4	6.3	6.5	7.2	7.7	8.8	9.4	9.9
Strategic forces.....	8.2	6.4	7.8	7.1	7.2	8.2	10.1	9.6	8.6	7.5
Central supply and maintenance.....	10.4	10.4	11.2	10.7	9.9	9.0	9.1	9.3	8.7	8.1
Guard and reserve.....	5.5	5.5	5.5	5.5	5.0	5.1	4.7	5.5	5.5	5.6
Airlift and sealift.....	1.0	1.4	1.5	1.8	1.9	1.8	2.1	3.0	2.7	2.5
Admin. and assoc. activities.....	2.3	1.8	1.8	1.9	1.7	1.7	1.9	2.1	2.5	2.4
Support of other nations.....	2.0	.3	.4	.5	.4	.3	.3	.2	.2	.2

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

**NO. 512. FEDERAL RESEARCH AND DEVELOPMENT FUNDING FOR NATIONAL DEFENSE: 1980 TO 1987**

[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, est.
<b>Total<sup>1</sup>.....</b>	<b>14.9</b>	<b>18.4</b>	<b>22.1</b>	<b>24.9</b>	<b>29.3</b>	<b>33.7</b>	<b>36.9</b>	<b>40.3</b>
Department of Defense (DOD)—military.....	13.8	17.1	20.5	23.3	27.3	31.4	34.7	37.9
Research, development, test and evaluation.....	13.3	16.5	19.9	22.6	26.6	30.9	33.7	36.9
Tactical programs.....	5.2	6.1	6.9	7.3	7.9	9.1	10.3	11.0
Strategic programs.....	2.2	3.4	4.6	5.8	7.9	8.2	7.5	8.1
Intelligence and communications.....	1.2	1.6	2.2	2.7	3.4	4.0	4.5	4.9
Advanced technology development.....	.6	.6	.8	.8	1.4	2.8	4.1	5.4
Defensewide mission support.....	1.9	2.1	2.5	2.8	3.0	3.8	4.1	4.2
Technology base.....	2.3	2.6	2.9	3.2	3.1	3.1	3.2	3.2
Other DOD military.....	.5	.6	.6	.7	.7	.8	1.0	.9
Atomic energy defense activities (DOE) <sup>1,2</sup> .....	1.1	1.3	1.5	1.6	1.9	2.3	2.3	2.4
Weapons research, development, and testing.....	.6	.8	.9	.9	1.3	1.5	1.5	1.5
Naval reactors development.....	.2	.3	.3	.3	.4	.4	.5	.5

<sup>1</sup> Includes other programs not shown separately. <sup>2</sup> Department of Energy.

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

**NO. 513. DEFENSE PURCHASES, NATIONAL INCOME AND PRODUCT ACCOUNT (NIPA) BASIS:  
1980 TO 1986**

[In billions of dollars, except percent. National defense purchases on a NIPA basis will differ from other published measures of DOD spending, such as budget authority or outlays, because of coverage and timing differences. See source for further detail]

PURCHASES	CURRENT DOLLARS						CONSTANT (1982) DOLLARS					
	1980	1982	1983	1984	1985	1986	1980	1982	1983	1984	1985	1986
<b>Total purchases</b> .....	<b>142.7</b>	<b>193.8</b>	<b>214.4</b>	<b>235.0</b>	<b>259.4</b>	<b>277.6</b>	<b>171.2</b>	<b>193.8</b>	<b>206.9</b>	<b>219.4</b>	<b>235.7</b>	<b>250.0</b>
Percent of GNP <sup>1</sup> .....	5.2	6.1	6.3	6.2	6.5	6.6	5.4	6.1	6.3	6.3	6.6	6.8
Durable goods.....	33.0	49.2	58.1	65.5	74.9	82.5	40.3	49.2	56.1	61.2	70.4	77.2
Military equipment <sup>2</sup> .....	26.8	40.2	48.5	55.5	64.0	70.8	33.0	40.2	46.4	51.2	58.8	63.6
Aircraft.....	10.9	16.8	20.4	21.8	25.9	31.8	13.6	16.8	19.0	18.5	22.6	26.3
Ships.....	4.2	6.0	6.9	7.7	8.5	8.7	5.0	6.0	6.7	7.0	7.5	7.6
Missiles.....	3.8	5.7	7.0	8.5	9.7	12.2	4.7	5.7	6.7	8.1	9.2	11.9
Nondurable goods <sup>2</sup> .....	10.9	13.6	12.6	12.2	12.2	10.9	12.4	13.6	13.5	13.6	13.6	14.6
Bulk petroleum.....	7.6	9.2	7.6	6.8	6.6	4.3	8.5	9.2	8.6	8.3	8.4	8.5
Ammunition.....	1.6	2.3	2.7	3.1	3.2	4.0	2.0	2.3	2.6	3.0	2.9	3.8
Services <sup>2</sup> .....	95.7	127.1	138.8	152.4	166.1	177.5	115.3	127.1	132.6	140.0	146.3	152.3
Compensation of employees.....	66.0	84.0	89.6	94.8	101.1	104.6	79.7	84.0	85.6	86.9	88.3	88.8
Military.....	43.5	56.6	60.2	63.5	67.8	70.4	53.8	56.6	57.6	58.6	59.5	59.7
Structures.....	3.1	3.9	4.8	5.0	6.1	6.8	3.3	3.9	4.8	4.7	5.5	5.9

<sup>1</sup> GNP=Gross national product. <sup>2</sup> Includes items not shown separately.

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 1987 Issue.

**NO. 514. MILITARY PRIME CONTRACT AWARDS TO ALL BUSINESSES, BY PROGRAM: 1975 TO 1986**

[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	1975	1980	1981	1982	1983	1984	1985	1986				
								Total	Per cent small business <sup>1</sup>	Per cent women owned	Small disadvantaged businesses	
<b>Total</b> .....	<b>45.8</b>	<b>83.7</b>	<b>105.2</b>	<b>124.7</b>	<b>140.5</b>	<b>146.0</b>	<b>163.7</b>	<b>158.8</b>	(NA)	(NA)	(NA)	(NA)
Intragovernmental <sup>2</sup> .....	5.0	10.2	9.8	12.8	9.9	10.1	12.4	9.9	(NA)	(NA)	(NA)	(NA)
For work outside the U.S.....	2.4	5.4	5.6	7.5	7.2	8.3	6.6	9.1	(NA)	(NA)	(NA)	(NA)
Educational and non-profit institutions.....	.8	1.5	1.7	2.0	2.2	2.7	3.1	3.4	(NA)	(NA)	(NA)	(NA)
With business firms for work in the United States <sup>3</sup> .....	37.1	66.7	87.2	102.5	121.1	124.9	139.6	136.5	19.7	.8	.2	2.3
Major hard goods.....	22.2	41.0	53.3	67.9	80.8	86.3	98.1	92.8	8.1	.3	.1	.9
Aircraft.....	6.7	12.5	16.5	21.1	26.3	29.2	34.6	32.3	4.2	.2	.1	.3
Electronics and communication equipment.....	4.7	9.6	11.7	14.2	16.7	18.7	22.0	19.7	11.4	.5	.1	1.7
Missiles and space systems.....	4.6	7.9	10.2	12.7	14.7	16.7	18.7	19.4	3.3	.3	.1	.5
Ships.....	3.5	6.0	7.4	9.6	12.8	9.4	10.4	9.4	15.9	.2	.1	1.9
Tank-automotive.....	.9	2.1	3.8	4.4	4.7	5.0	5.2	5.2	14.8	.3	.1	.8
Ammunition.....	1.3	1.9	2.1	3.6	3.2	4.0	4.7	4.5	13.8	.1	.1	1.4
Weapons.....	.4	1.1	1.5	2.3	2.4	2.4	2.6	2.3	14.9	.5	.1	1.4
Services.....	3.1	5.9	5.8	7.9	10.4	8.5	9.1	10.4	27.8	1.8	.1	7.8
All other.....	11.9	19.8	28.0	26.7	29.9	30.1	32.3	33.2	49.7	2.0	.1	4.4

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

<sup>2</sup> Includes awards for CHAMPUS. <sup>3</sup> Covers only purchases from other Federal agencies and reimbursable purchases on behalf of foreign governments. <sup>4</sup> 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, *Military Prime Contract Awards*, annual.

**NO. 515. EMPLOYMENT—DEFENSE-RELATED AGENCIES: 1970 TO 1986**

[In thousands, except percent. Annual averages]

EMPLOYMENT	1970	1975	1980	1981	1982	1983	1984	1985	1986
<b>Total U.S. employment</b> <sup>1</sup> .....	<b>80,796</b>	<b>87,524</b>	<b>100,907</b>	<b>102,042</b>	<b>101,194</b>	<b>102,510</b>	<b>106,702</b>	<b>108,856</b>	<b>111,303</b>
<b>Federal</b> .....	<b>4,849</b>	<b>4,426</b>	<b>4,470</b>	<b>4,417</b>	<b>4,407</b>	<b>4,450</b>	<b>4,504</b>	<b>4,581</b>	<b>4,605</b>
Resident Armed Forces.....	2,118	1,878	1,804	1,645	1,688	1,876	1,897	1,708	1,706
Civilian personnel <sup>2</sup> .....	2,731	2,748	2,666	2,772	2,739	2,774	2,807	2,875	2,899
<b>Federal defense-related agencies, excluding Armed Forces</b> <sup>3</sup> .....	<b>1,211</b>	<b>1,036</b>	<b>948</b>	<b>972</b>	<b>979</b>	<b>1,016</b>	<b>1,033</b>	<b>1,073</b>	<b>1,059</b>
Percent of Federal civilian personnel.....	44.3	37.7	33.1	35.1	35.7	36.6	36.8	37.3	36.5
<b>Federal defense-related agencies</b> <sup>4</sup> .....	<b>3,329</b>	<b>2,717</b>	<b>2,552</b>	<b>2,617</b>	<b>2,647</b>	<b>2,892</b>	<b>2,730</b>	<b>2,779</b>	<b>2,765</b>
Percent of total Federal <sup>1</sup> .....	68.7	61.4	57.1	59.2	60.1	60.5	60.8	60.7	60.0
Percent of total U.S. <sup>1</sup> .....	4.1	3.1	2.5	2.6	2.6	2.8	2.6	2.6	2.5

<sup>1</sup> Includes resident Armed Forces. <sup>2</sup> Includes U.S. residents only.

<sup>3</sup> Source: Beginning 1980, U.S. Dept. of Defense, *Civilian Manpower Statistics*, annual (Sept. issues).

<sup>4</sup> Source: Except as noted, U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

No. 516. DEPARTMENT OF DEFENSE CONTRACT AWARDS, PAYROLL, CIVILIAN AND MILITARY PERSONNEL—STATES: 1984 TO 1986

[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 <sup>1</sup> (mil. dol.)			PAYROLL (mil. dol.)			CIVILIAN EMPLOYEES (1,000)			MILITARY PERSONNEL (1,000)		
	1984	1985	1986	1984	1985	1986	1984	1985	1986	1984	1985	1986
<b>U.S., total.....</b>	<b>124,015</b>	<b>140,096</b>	<b>136,026</b>	<b>53,302</b>	<b>54,633</b>	<b>59,456</b>	<b>942.0</b>	<b>976.2</b>	<b>963.9</b>	<b>1,358.7</b>	<b>1,366.9</b>	<b>1,427.6</b>
AL.....	1,132	1,418	1,604	1,161	1,220	1,352	27.1	27.3	26.8	25.2	23.1	23.3
AK.....	437	550	565	477	530	541	4.4	5.0	5.0	21.0	20.4	21.0
AZ.....	1,764	2,006	2,632	686	654	754	10.0	10.4	10.6	22.6	20.7	25.6
AR.....	692	810	867	291	297	362	4.6	4.8	4.9	10.1	9.7	9.9
CA.....	28,520	29,115	27,738	6,695	8,910	9,475	133.8	137.9	135.2	203.8	204.8	209.0
CO.....	1,153	1,563	1,897	966	975	1,091	14.5	14.1	14.1	40.1	36.9	43.0
CT.....	5,459	5,543	5,441	378	392	414	4.6	5.0	5.0	6.5	6.5	7.2
DE.....	226	261	224	127	124	129	1.7	1.8	1.8	4.9	4.7	4.8
DC.....	815	1,104	957	860	842	923	16.0	16.9	16.8	13.0	12.7	13.1
FL.....	4,034	5,271	5,664	2,518	2,637	2,867	31.0	33.0	32.0	69.1	73.1	74.7
GA.....	3,123	3,520	3,764	1,894	2,015	2,166	37.5	40.4	39.9	59.7	64.4	63.6
HI.....	537	626	563	1,670	1,750	1,775	20.8	21.3	20.8	45.3	47.0	44.2
ID.....	51	50	63	130	126	142	1.2	1.3	1.3	5.8	5.6	5.8
IL.....	1,476	1,693	1,735	1,223	1,317	1,621	22.3	22.7	22.1	37.4	40.9	42.1
IN.....	2,522	3,177	2,490	493	504	544	14.4	15.4	15.2	6.3	6.6	6.9
IA.....	405	590	580	54	48	64	1.5	1.5	1.5	.4	.4	.4
KS.....	2,362	2,139	1,955	568	559	637	6.8	7.0	7.1	22.6	23.6	22.5
KY.....	448	506	557	941	967	1,046	13.9	14.8	14.2	39.3	40.8	38.9
LA.....	1,855	2,175	1,498	624	632	757	9.1	9.3	9.3	25.7	25.7	25.4
ME.....	532	957	584	202	249	432	2.1	10.6	10.1	5.4	5.4	5.9
MD.....	4,013	4,608	4,537	1,875	1,905	2,036	41.3	43.3	42.3	35.6	35.7	35.3
MA.....	7,029	7,714	8,735	513	517	543	11.9	12.3	12.2	8.5	9.4	9.2
MI.....	2,510	2,789	2,353	500	540	556	12.1	12.2	12.7	9.3	8.8	8.9
MN.....	1,826	2,298	2,355	90	96	132	2.7	2.8	2.9	.6	.9	.9
MS.....	2,190	1,310	1,634	648	651	947	10.7	11.6	11.3	18.2	16.0	18.0
MO.....	6,520	7,613	5,548	790	786	924	20.4	21.0	21.0	16.0	16.1	15.5
MT.....	63	102	62	98	87	106	1.1	1.2	1.3	4.0	3.7	3.9
NE.....	167	193	235	370	379	469	3.8	3.6	4.0	12.9	12.6	13.2
NV.....	129	128	141	245	227	231	1.9	2.1	2.0	10.4	9.7	10.0
NH.....	683	678	471	354	290	157	10.1	1.8	1.6	4.2	4.1	4.0
NJ.....	3,278	3,862	3,226	1,077	1,104	1,072	28.3	29.0	27.6	19.9	19.0	20.5
NM.....	552	492	565	576	566	629	9.5	9.8	9.9	17.0	16.4	16.8
NY.....	9,515	10,033	9,908	862	850	956	19.0	18.8	19.7	22.4	22.0	22.7
NC.....	863	1,029	1,049	2,068	2,187	2,179	15.7	16.3	16.1	100.2	98.7	96.1
ND.....	201	207	229	239	238	250	1.7	1.8	1.8	11.9	11.3	11.1
OH.....	2,804	4,648	5,201	1,187	1,253	1,301	33.2	34.3	34.4	14.3	13.8	11.7
OK.....	535	602	775	1,195	1,165	1,308	25.2	26.8	27.3	30.8	31.1	30.7
OR.....	290	256	340	104	112	219	3.0	3.1	3.1	.8	.8	.8
PA.....	3,253	4,149	4,192	1,583	1,567	1,703	53.9	55.7	53.4	7.0	6.7	6.6
RI.....	396	431	394	235	247	267	4.4	4.7	4.5	3.9	4.0	4.1
SC.....	478	490	521	1,588	1,583	1,678	20.0	20.5	20.2	45.7	44.4	47.0
SD.....	77	78	128	139	126	157	1.2	1.4	1.4	6.3	5.9	6.1
TN.....	496	793	1,157	378	370	456	7.4	7.3	7.5	12.2	11.0	10.4
TX.....	8,750	10,562	10,940	3,738	3,858	4,147	64.5	66.6	63.6	131.2	127.2	135.3
UT.....	880	789	714	664	701	735	22.5	23.6	23.3	6.1	6.2	6.0
VT.....	170	163	124	16	17	20	.6	.6	.8	.1	.1	.1
WA.....	4,805	6,167	5,402	6,273	6,405	6,893	103.8	107.2	106.1	95.8	96.6	98.3
WI.....	2,884	3,559	2,525	1,689	1,699	1,955	29.3	29.5	28.5	43.0	43.7	42.3
WV.....	72	90	105	50	51	97	1.5	1.6	1.6	.4	.4	.4
WY.....	959	1,065	981	90	99	120	3.1	3.2	3.3	.9	.9	.9
WY.....	74	125	92	89	92	102	.9	1.1	1.1	3.9	3.7	4.1

<sup>1</sup> Military awards for supplies, services, and construction. Net value of contracts of over \$25,000 in which 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 headline, table 514. <sup>2</sup> Includes undistributed civilians. <sup>3</sup> Includes undistributed military personnel. <sup>4</sup> The Portsmouth Naval shipyard was reported at Portsmouth, New Hampshire, instead of Kittery, Maine.

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

## No. 517. WORLDWIDE MILITARY EXPENDITURES: 1974 TO 1984

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

COUNTRY GROUP	MILITARY EXPENDITURES (bil. dol.)										PER CAPITA (dol.)		
	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1980	1984
<b>CURRENT DOLLARS</b>													
Worldwide, total <sup>1</sup>	319.9	362.9	392.2	422.1	465.7	514.4	583.6	654.6	734.9	789.1	835.7	131	175
United States.....	85.9	91.0	91.0	100.9	109.2	122.3	144.0	169.9	196.4	217.2	237.1	632	1,002
Percent of total.....	26.9	25.1	23.2	23.9	23.4	23.8	24.7	26.0	26.7	27.5	28.4	(X)	(X)
Developed countries <sup>2</sup>	262.8	287.3	306.1	332.7	365.3	405.3	461.7	515.9	576.8	623.8	665.2	426	587
Developing countries <sup>2</sup>	57.1	75.6	86.1	89.4	100.3	109.1	121.9	138.7	158.1	165.3	170.5	36	47
NATO countries <sup>3</sup>	128.9	138.4	142.7	156.8	171.3	190.4	220.3	253.8	289.9	316.6	341.4	381	574
Warsaw Pact countries.....	128.3	142.6	156.2	167.8	184.7	203.7	227.8	248.0	272.7	289.2	304.9	680	789
Soviet Union.....	109.0	121.0	133.0	143.0	158.0	175.0	196.0	213.0	232.0	247.0	260.0	738	945
<b>CONSTANT (1983) DOLLARS</b>													
Worldwide, total <sup>1</sup>	608.5	630.0	640.6	650.8	663.9	679.1	706.2	732.9	766.7	789.1	807.8	159	169
United States.....	163.4	157.9	148.7	155.6	158.8	161.4	174.2	190.2	205.4	217.2	229.2	765	968
Percent of total.....	26.9	25.1	23.2	23.9	23.5	23.8	24.7	26.0	26.7	27.5	28.4	(X)	(X)
Developed countries <sup>2</sup>	499.9	498.7	500.0	513.0	520.9	535.1	558.7	577.6	603.3	623.8	643.1	516	577
Developing countries <sup>2</sup>	108.6	131.3	140.6	137.8	143.0	144.0	147.5	155.3	165.4	165.3	164.8	44	45
NATO countries <sup>3</sup>	245.2	240.3	233.1	241.8	244.3	251.3	266.6	284.2	302.2	316.6	330.0	461	555
Warsaw Pact countries.....	244.0	247.6	255.1	258.7	263.3	269.0	275.6	277.6	285.2	289.2	284.8	735	763
Soviet Union.....	207.3	210.0	217.3	220.5	225.3	231.0	237.2	238.5	242.7	247.0	251.3	893	914
<b>PERCENT OF GNP</b>													
Worldwide, total.....	5.9	6.0	5.8	5.6	5.5	5.5	5.6	5.7	6.0	6.0	5.9	(X)	(X)
United States.....	5.8	5.7	5.1	5.1	4.9	4.9	5.3	5.6	6.2	6.4	6.3	(X)	(X)
Developed countries <sup>2</sup>	5.8	5.8	5.6	5.5	5.4	5.4	5.6	5.6	5.9	6.0	5.9	(X)	(X)
Developing countries <sup>2</sup>	5.7	6.6	6.6	6.1	6.2	5.8	5.7	5.9	6.2	6.2	6.0	(X)	(X)
NATO countries <sup>3</sup>	4.8	4.7	4.4	4.4	4.2	4.2	4.4	4.7	5.0	5.2	5.1	(X)	(X)
Warsaw Pact countries <sup>4</sup>	10.9	10.8	10.8	10.6	10.4	10.6	10.7	10.7	10.8	10.7	10.7	(X)	(X)
Soviet Union <sup>4</sup>	12.9	12.9	12.8	12.6	12.4	12.7	12.8	12.7	12.7	12.6	12.6	(X)	(X)

X Not applicable. <sup>1</sup> Includes countries not shown separately. <sup>2</sup> Twenty-eight developed countries; see table 518 for selected countries; for complete list see source. <sup>3</sup> North Atlantic Treaty Organization. <sup>4</sup> The meaning of the ratio of military expenditures to GNP differs somewhat between most Communist countries and non-Communist countries because of different estimating procedures. For details, see source.

## No. 518. ARMS TRADE IN CONSTANT (1983) DOLLARS—SELECTED COUNTRIES: 1983 TO 1985

(in millions of constant (1983) dollars)

COUNTRY	1983	1984	1985		COUNTRY	1983	1984	1985	
			Total	Arms imports as percent of total imports				Total	Arms imports as percent of total imports
<b>Arms trade, world total <sup>1</sup></b>	<b>39,800</b>	<b>40,290</b>	<b>26,990</b>	<b>1.4</b>	<b>RECIPIENT COUNTRIES</b>				
<b>EXPORTERS</b>					<b>Developing <sup>1</sup></b>				
Canada.....	180	184	178	.1	Afghanistan.....	31,290	32,250	20,310	4.4
China: Mainland.....	1,600	1,837	327	.3	Algeria.....	180	309	140	16.8
Czechoslovakia.....	600	701	772	2.2	Angola.....	575	508	253	3.0
France.....	4,300	3,480	3,087	1.1	Argentina.....	750	1,068	412	25.9
Poland.....	775	749	655	3.2	Cuba.....	975	435	140	3.9
Soviet Union.....	11,000	10,730	8,325	.9	Egypt.....	700	677	748	9.3
United Kingdom.....	1,800	1,450	538	.4	El Salvador.....	1,800	1,547	1,029	11.0
United States.....	11,800	9,860	8,793	.2	Ethiopia.....	525	87	84	9.4
West Germany.....	1,800	2,707	538	.4	Greece.....	525	556	385	39.3
					India.....	480	271	282	2.7
					Iran.....	975	779	1,777	13.0
					Iraq.....	875	2,127	748	6.9
					Israel.....	5,800	7,444	1,984	19.9
					Jordan.....	500	653	702	7.4
					Kuwait.....	1,000	203	355	13.9
					Libya.....	110	377	271	4.4
					Morocco.....	1,800	1,740	1,216	24.0
					Nicaragua.....	320	194	122	3.4
					North Korea.....	140	242	112	14.1
					Oman.....	120	77	281	17.4
					Pakistan.....	350	900	94	(NA)
					Saudi Arabia.....	440	532	985	6.6
					South Korea.....	190	203	75	4.4
					Spain.....	3,800	2,513	2,339	(NA)
					Syria.....	390	377	355	1.2
					Turkey.....	250	145	122	.4
					Venezuela.....	2,000	1,450	865	(NA)
					Vietnam.....	500	464	365	3.5
					Yemen (Sanaa).....	50	348	309	4.0
						800	773	608	(NA)
						330	77	84	(NA)
<b>IMPORTERS</b>									
<b>Developed <sup>1</sup></b>	<b>8,505</b>	<b>8,033</b>	<b>6,874</b>	<b>.5</b>					
Australia.....	390	580	655	2.7					
Canada.....	310	261	47	.1					
Czechoslovakia.....	150	435	365	2.2					
East Germany.....	650	483	374	1.8					
Hungary.....	80	145	28	.2					
Italy.....	130	193	112	.1					
Japan.....	775	894	702	.6					
Poland.....	600	251	514	3.2					
Romania.....	50	68	19	.2					
Soviet Union.....	1,100	967	725	.9					
United Kingdom.....	650	773	440	.4					
United States.....	500	464	538	.2					
West Germany.....	430	508	655	.4					

NA Not available. <sup>1</sup> Includes countries not shown separately.Source of tables 517 and 518: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual.

NO. 519. ARMS TRANSFERS—CUMULATIVE VALUE FOR PERIOD 1981 TO 1985, BY MAJOR SUPPLIER,  
AND RECIPIENT COUNTRY

(In millions of dollars)

RECIPIENT	Total <sup>1</sup>	SUPPLIER								
		Soviet Union	United States	France	United Kingdom	West Germany	China: Mainland	Italy	Poland	Czechoslovakia
<b>World total <sup>1</sup></b> .....	<b>188,230</b>	<b>55,790</b>	<b>49,270</b>	<b>19,265</b>	<b>8,765</b>	<b>7,610</b>	<b>5,470</b>	<b>4,925</b>	<b>3,905</b>	<b>3,255</b>
<b>Africa <sup>1</sup></b> .....	<b>27,515</b>	<b>13,875</b>	<b>1,350</b>	<b>2,710</b>	<b>890</b>	<b>880</b>	<b>505</b>	<b>1,500</b>	<b>300</b>	<b>915</b>
Algeria.....	3,890	3,200	170	100	160	160	-	40	-	10
Angola.....	2,975	2,600	-	10	-	-	-	-	-	5
Ethiopia.....	2,100	2,000	-	-	-	-	-	30	-	20
Libya.....	10,455	4,600	-	725	5	180	320	850	300	875
Morocco.....	1,255	-	350	575	-	10	-	20	-	-
Sudan.....	580	-	140	30	10	120	80	10	-	-
<b>East Asia <sup>1</sup></b> .....	<b>18,975</b>	<b>4,950</b>	<b>9,840</b>	<b>375</b>	<b>375</b>	<b>505</b>	<b>220</b>	<b>405</b>	<b>210</b>	<b>30</b>
Japan.....	3,750	-	3,700	-	-	40	-	-	-	-
North Korea.....	990	390	-	20	-	-	210	-	100	-
South Korea.....	1,960	-	1,900	10	10	-	-	-	-	-
Vietnam.....	3,645	3,500	-	-	-	-	-	-	110	30
<b>South Asia <sup>1</sup></b> .....	<b>10,050</b>	<b>5,730</b>	<b>1,365</b>	<b>895</b>	<b>840</b>	<b>160</b>	<b>420</b>	<b>60</b>	<b>110</b>	<b>150</b>
Afghanistan.....	1,590	1,500	-	-	-	-	-	-	-	70
India.....	6,070	4,200	60	550	800	120	-	30	110	60
Pakistan.....	2,190	-	1,300	340	20	40	350	30	-	20
<b>Europe <sup>1</sup></b> .....	<b>35,005</b>	<b>8,710</b>	<b>15,740</b>	<b>870</b>	<b>900</b>	<b>1,585</b>	<b>-</b>	<b>205</b>	<b>2,440</b>	<b>1,425</b>
Czechoslovakia.....	1,800	1,700	-	-	-	-	-	-	20	-
Greece.....	1,925	90	825	50	5	250	-	100	-	5
Hungary.....	570	410	-	-	-	-	-	-	50	60
Italy.....	705	-	700	5	-	-	-	-	-	-
Poland.....	2,530	2,200	-	-	-	-	-	-	-	200
Romania.....	290	140	-	20	90	-	-	-	-	40
Soviet Union.....	4,200	-	-	-	-	-	-	-	2,000	1,100
Spain.....	1,350	-	750	480	10	80	-	30	-	-
Turkey.....	2,120	-	1,100	20	110	800	-	10	-	-
United Kingdom.....	2,890	-	2,800	80	-	-	-	-	-	-
West Germany.....	2,745	-	2,400	30	60	-	-	5	-	-
<b>Latin America <sup>1</sup></b> .....	<b>13,930</b>	<b>4,150</b>	<b>1,325</b>	<b>1,245</b>	<b>255</b>	<b>2,455</b>	<b>-</b>	<b>1,050</b>	<b>40</b>	<b>165</b>
Argentina.....	2,400	-	40	230	90	1,400	-	110	-	-
Cuba.....	4,010	3,500	-	-	-	-	-	-	40	160
Ecuador.....	750	-	50	120	60	-	-	260	-	-
Peru.....	1,150	390	110	210	-	230	-	100	-	-
Venezuela.....	1,275	-	470	30	-	5	-	500	-	-
<b>Middle East <sup>1</sup></b> .....	<b>76,115</b>	<b>18,375</b>	<b>15,180</b>	<b>13,140</b>	<b>4,505</b>	<b>1,565</b>	<b>4,325</b>	<b>1,570</b>	<b>805</b>	<b>570</b>
Egypt.....	7,120	40	2,900	1,200	460	5	525	350	-	-
Iran.....	6,435	370	-	-	100	-	575	-	20	30
Iraq.....	23,925	7,400	-	5,100	170	700	3,100	490	625	190
Israel.....	4,105	-	4,100	-	-	-	-	-	-	-
Jordan.....	3,905	525	850	1,100	1,200	-	10	-	-	-
Saudi Arabia.....	14,760	-	6,400	4,300	1,400	180	-	170	-	-
Syria.....	8,950	8,000	50	50	60	20	110	-	10	350
Yemen (Sanaa).....	1,975	850	90	-	-	10	-	-	150	-

- Represents zero. <sup>1</sup> Includes countries not shown separately.

NO. 520. ARMS EXPORT MARKET SHARE: 1975 TO 1985

(In millions of dollars, except as indicated)

EXPORTER	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985
<b>World total</b> .....	<b>13,270</b>	<b>17,310</b>	<b>20,280</b>	<b>24,440</b>	<b>28,200</b>	<b>30,240</b>	<b>37,570</b>	<b>39,910</b>	<b>40,040</b>	<b>41,460</b>	<b>28,900</b>
<b>NATO, total</b> .....	<b>7,205</b>	<b>9,580</b>	<b>10,880</b>	<b>11,950</b>	<b>11,260</b>	<b>13,790</b>	<b>19,060</b>	<b>17,950</b>	<b>21,420</b>	<b>20,140</b>	<b>15,190</b>
U.S.....	4,900	5,900	6,700	6,500	6,100	6,500	8,600	9,300	11,800	10,200	9,400
Non-U.S.....	2,305	3,680	4,180	5,450	5,160	7,290	10,460	8,650	9,620	9,940	5,790
<b>Warsaw Pact, total</b> .....	<b>4,900</b>	<b>6,370</b>	<b>7,975</b>	<b>10,390</b>	<b>14,710</b>	<b>13,900</b>	<b>14,230</b>	<b>15,490</b>	<b>13,410</b>	<b>14,150</b>	<b>11,480</b>
Soviet Union.....	4,000	5,300	6,600	8,500	12,900	12,200	12,000	12,700	11,000	11,100	8,900
Non-Soviet Union.....	900	1,070	1,375	1,890	1,810	1,700	2,230	2,790	2,410	3,050	2,580
Others.....	1,165	1,360	1,425	2,100	2,230	2,550	4,280	6,470	5,210	7,170	2,230
<b>PERCENT DISTRIBUTION</b>											
<b>NATO, total</b> .....	<b>54.3</b>	<b>55.3</b>	<b>53.6</b>	<b>48.9</b>	<b>39.9</b>	<b>45.6</b>	<b>50.7</b>	<b>45.0</b>	<b>53.5</b>	<b>48.6</b>	<b>52.6</b>
U.S.....	36.9	34.1	33.0	26.6	21.6	21.5	22.9	23.3	29.5	24.6	32.5
Non-U.S.....	17.4	21.3	20.6	22.3	18.3	24.1	27.8	21.7	24.0	24.0	20.0
<b>Warsaw Pact, total</b> .....	<b>36.9</b>	<b>36.8</b>	<b>39.3</b>	<b>42.5</b>	<b>52.2</b>	<b>46.0</b>	<b>37.9</b>	<b>38.8</b>	<b>33.5</b>	<b>34.1</b>	<b>39.7</b>
Soviet Union.....	30.1	30.6	32.5	34.8	45.7	40.3	31.9	31.8	27.5	26.8	30.8
Non-Soviet Union.....	6.8	6.2	6.8	7.7	6.4	5.6	5.9	7.0	6.0	7.4	8.9
Others.....	8.8	7.9	7.0	8.6	7.9	8.4	11.4	16.2	13.0	17.3	7.7

Source of tables 519 and 520: U.S. Arms Control and Disarmament Agency, *World Military Expenditures and Arms Transfers*, annual.

## NO. 521. ARMS DELIVERED BY SELECTED SUPPLIER AND MAJOR WEAPON TYPE: 1981 TO 1985

[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 <sup>1</sup>	SUPPLIER						
		Soviet Union	Other Warsaw Pact	United States <sup>2</sup>	France	United Kingdom	Other NATO	China: Mainland
<b>Land armaments:</b> Tanks.....	13,774	4,395	1,250	1,624	185	400	220	2,180
Anti-air artillery <sup>3</sup> .....	5,977	1,965	485	122	5	-	35	1,455
Field artillery <sup>4</sup> .....	16,732	3,880	690	2,772	205	110	5,385	780
Armored personnel carriers.....	18,679	6,760	715	4,009	1,510	430	1,280	1,000
<b>Naval craft:</b> Major surface combatants <sup>5</sup> .....	154	33	2	17	19	12	55	2
Other surface combatants <sup>6</sup> .....	482	107	5	26	38	42	115	22
Submarines.....	26	8	-	-	-	-	10	4
Missile attack boats.....	99	26	-	-	13	8	10	22
<b>Aircraft:</b> Combat aircraft (supersonic).....	2,844	1,620	25	394	215	60	-	200
Combat aircraft (subsonic).....	597	100	15	272	70	80	-	-
Other aircraft <sup>7</sup> .....	1,747	385	305	37	95	55	290	105
Helicopters.....	1,656	870	150	181	200	15	175	-
Missiles (surface-to-air).....	24,684	12,265	5,000	3,259	260	1,450	120	100

- Represents zero. <sup>1</sup> Includes other countries not shown separately. <sup>2</sup> United States data are by fiscal years 1981 to 1985, while other suppliers' data are by calendar years 1981 to 1985. <sup>3</sup> Air defense artillery includes weapons over 23 millimeters. <sup>4</sup> Field artillery includes mobile rocket launchers, mortars, and recoilless rifles over 100 millimeters. <sup>5</sup> Major surface combatants include aircraft carriers, cruisers, destroyers, destroyer escorts, and frigates. <sup>6</sup> Minor surface combatants include motor torpedo boats, subchasers, and minesweepers. <sup>7</sup> 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. 522. ESTIMATES OF TOTAL DOLLAR COSTS OF AMERICAN WARS

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

ITEM	World War II	Vietnam Conflict	Korean Conflict	World War I	Civil War: Union	Civil War: Confederacy	Spanish American War	American Revolution	War of 1812	Mexican War
Original incremental, direct costs: <sup>1</sup>										
Current dollars.....	360,000	140,600	50,000	32,700	2,300	1,000	270	100-140	87	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 <sup>2</sup> .....	83,156	23,332	15,861	19,091	3,289	-	2,111	28	20	26
Interest, prmts. on war loans <sup>3</sup> .....	(4)	(4)	(4)	11,000	1,200	(4)	60	20	14	10
Current cost to 1985 <sup>4</sup> .....	443,156	163,932	65,861	62,791	6,800	(4)	2,441	170	120	120

- Represents zero. <sup>1</sup> Figures are rounded and taken from Claudia D. Goldin, *Encyclopedia of American Economic History*, p. 938. <sup>2</sup> Total cost to Oct. 1, 1985. For World War I and later wars, benefits are actual service-connected figures from 1985 *Annual Report of Veterans Administration*. For earlier wars, service-connected veterans' benefits are estimated at 40 percent of total, the approximate ratio of service-connected to total benefits since World War I. <sup>3</sup> Total cost to 1985. Interest payments are a very rough approximation based on the percentage of the original costs of each war financed by money creation and debt, the difference between the level of public debt at the beginning of the war and at its end, and the approximate time required to pay off the war debts. <sup>4</sup> Unknown. <sup>5</sup> Figures are rounded estimates.

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

## NO. 523. U.S. MILITARY SALES AND ASSISTANCE TO FOREIGN GOVERNMENTS: 1950 TO 1986

[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	1950-1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Military sales agreements.....	49,009	5,660	6,725	11,035	12,713	6,502	18,022	15,319	13,892	11,506	7,059
Weapons and ammunition.....	22,173	2,366	2,710	3,611	6,393	2,037	7,450	8,093	6,376	3,661	2,403
Support equipment <sup>1</sup> .....	6,274	438	622	1,948	909	959	3,623	1,181	2,053	1,947	718
Spare parts and modifications.....	11,354	1,039	1,863	3,273	1,608	2,122	3,629	3,338	2,760	2,628	1,759
Support services.....	9,208	1,817	1,530	2,203	3,803	1,384	3,319	2,707	2,702	3,271	2,183
Military construction sales agreements.....	12,252	581	647	1,024	1,591	882	1,920	723	305	754	69
Military sales deliveries <sup>2</sup> .....	26,026	7,032	7,549	7,894	7,214	9,132	10,544	13,028	9,670	8,643	7,739
Military sales financing.....	10,170	1,911	2,101	5,673	1,850	3,046	3,884	5,107	5,716	4,940	4,947
Military assistance programs <sup>3</sup> .....	57,484	227	210	228	266	250	395	413	699	758	792
Military assist. program deliveries <sup>4</sup> .....	52,583	108	219	168	435	309	418	173	129	23	28
IMET program/deliveries <sup>4</sup> .....	1,888	5	28	27	25	28	44	47	52	55	52
Students trained (1,000) <sup>4</sup> .....	484	5	4	4	4	5	6	7	6	7	6

<sup>1</sup> Includes aircraft, ships, support vehicles, communications equipment, and other supplies. <sup>2</sup> Includes military construction sales deliveries. <sup>3</sup> Includes Military Assistance Service Funded (MASF) program data, Section 506(a) drawdown authority, and MAP Merger Funds as follows: FY 1982-\$134 million; FY 1983-\$324 million; FY 1984-\$642 million; FY 1985-\$759 million; FY 1986-\$752 million. <sup>4</sup> 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. 524. U.S. MILITARY SALES DELIVERIES AND MILITARY ASSISTANCE DELIVERIES TO FOREIGN GOVERNMENTS, BY COUNTRY: 1950 TO 1986

[In millions of dollars. For fiscal year ending in year shown; see text, section 9. Represents Department of Defense military sales deliveries. Includes deliveries made under Military Assistance Program (MAP), Military Assistance Service Funded Program (MASF) and Section 506(a) drawdown authority; excludes training. For explanation of MAP and MASF programs, see source]

COUNTRY	MILITARY SALES DELIVERIES <sup>1</sup>					MILITARY ASSISTANCE DELIVERIES				
	1950-1952	1983	1984	1985	1986	1950-1952	1983	1984	1985	1986
<b>Total</b> .....	<b>75,391.7</b>	<b>13,028.1</b>	<b>9,670.3</b>	<b>8,643.2</b>	<b>7,739.4</b>	<b>54,219.7</b>	<b>172.8</b>	<b>128.7</b>	<b>23.2</b>	<b>28.0</b>
Argentina.....	185.9	1.8	1.2	.8	1.0	34.0	-	-	-	-
Australia.....	2,111.8	326.1	441.1	448.5	350.0	-	-	-	-	-
Austria.....	160.9	15.0	7.0	3.8	7.3	96.3	-	-	-	-
Belgium.....	1,189.9	273.0	195.6	119.5	28.1	1,203.8	-	-	-	-
Bolivia.....	2.0	-	-	(z)	2.6	31.8	-	.6	-	-
Brazil.....	271.1	8.9	9.7	10.3	25.5	207.2	-	-	-	-
Cambodia.....	-	-	-	-	-	1,177.2	-	-	-	-
Canada.....	1,588.9	110.6	139.4	73.8	116.4	-	-	-	-	-
Chile.....	177.6	-	-	-	-	80.5	-	-	-	-
China: Taiwan.....	1,968.3	401.6	275.0	341.7	253.3	2,554.6	-	-	-	-
Colombia.....	56.3	7.0	10.6	2.5	3.9	83.2	(z)	-	-	-
Denmark.....	794.6	158.6	40.3	49.7	25.9	587.3	-	-	-	-
Dominican Republic.....	5.5	.3	3.6	2.1	3.0	21.5	-	(z)	(z)	(z)
Ecuador.....	62.4	28.6	5.2	2.9	8.7	32.0	-	-	-	-
Egypt.....	1,822.5	1,010.4	319.7	581.0	640.3	-	-	-	-	-
El Salvador <sup>2</sup> .....	22.8	28.1	82.8	114.8	108.5	44.7	18.7	9.0	(z)	.2
Ethiopia.....	86.6	-	-	-	-	182.9	-	-	-	-
France.....	404.0	14.1	45.3	45.9	145.9	4,045.1	-	-	-	-
Greece.....	1,592.4	157.0	106.8	126.0	77.8	1,631.3	34.5	1.0	.5	.4
Guatemala.....	30.5	.7	.5	1.1	.9	16.2	(z)	(z)	(z)	7.9
Honduras.....	12.4	12.1	19.5	26.4	59.8	5.6	(z)	(z)	(z)	-
India.....	76.9	.9	.5	1	(z)	90.3	(z)	(z)	(z)	-
Indonesia.....	220.2	28.9	15.7	18.0	12.9	189.2	.8	.8	1.5	-
Iran.....	10,670.2	-	-	-	-	766.7	-	-	-	-
Israel.....	8,033.1	260.7	216.1	484.1	222.1	-	-	-	-	-
Italy.....	802.0	28.3	54.0	58.4	68.8	2,243.7	-	-	-	-
Japan.....	1,175.8	385.5	339.3	424.7	208.7	810.3	-	-	-	-
Jordan.....	964.8	261.4	77.2	123.1	63.0	462.1	14.0	3.6	7.0	1.2
Kenya.....	111.7	19.9	6.0	8.3	14.4	-	-	-	-	-
Kuwait.....	669.1	72.4	49.8	43.7	85.2	-	-	-	-	-
Laos <sup>3</sup> .....	-	-	-	-	-	1,480.1	-	-	-	-
Lebanon.....	94.4	182.2	209.2	48.8	13.2	13.6	-	-	-	-
Liberia.....	4.4	9.3	7.3	10.2	9.9	5.9	.4	-	-	(z)
Libya.....	29.6	-	-	-	-	12.6	-	-	-	-
Malaysia.....	97.3	25.9	28.5	9.2	3.6	-	-	-	-	-
Mexico.....	92.9	20.9	4.5	3.6	5.5	(z)	-	-	-	-
Morocco.....	537.5	50.2	68.6	49.8	39.1	29.6	-	-	-	-
Netherlands.....	1,504.9	516.6	432.4	394.0	380.0	1,178.1	-	-	-	-
New Zealand.....	150.4	12.5	11.1	9.4	8.0	-	-	-	-	-
Nicaragua.....	5.2	-	-	-	-	7.7	-	-	-	-
Nigeria.....	46.7	2.5	3.8	1.6	2.3	-	-	-	-	-
Norway.....	1,021.9	254.5	191.6	30.0	45.5	862.2	-	-	-	-
Oman.....	57.6	22.5	4.6	1.4	1.0	-	-	-	-	-
Pakistan.....	545.0	255.6	453.0	358.3	149.2	850.3	(z)	(z)	(z)	(z)
Panama.....	5.5	.5	.5	2.1	12.5	4.4	(z)	(z)	(z)	(z)
Paraguay.....	1.0	(z)	-	(z)	(z)	9.3	(z)	(z)	(z)	(z)
Peru.....	160.0	3.2	2.4	1.6	3.6	75.0	-	-	-	-
Philippines <sup>3</sup> .....	176.2	10.6	13.8	16.0	39.7	571.5	19.5	7.2	3.5	1.6
Portugal.....	29.1	12.5	25.5	97.8	29.3	447.8	15.9	42.3	4.2	9.6
Saudi Arabia.....	17,957.8	6,006.9	3,411.2	2,284.5	2,350.4	23.9	-	-	-	-
Singapore.....	219.1	83.4	32.9	26.1	147.0	-	-	-	-	-
South Korea <sup>4</sup> .....	2,036.2	297.8	258.4	256.8	397.8	5,469.4	.7	1.3	3	(z)
Spain.....	892.3	68.1	66.2	94.0	166.4	662.4	16.6	1.7	3.2	1.8
Sudan.....	155.1	12.3	24.8	25.3	28.5	1.3	(z)	(z)	-	-
Sweden.....	87.8	1.7	20.5	6.4	13.5	-	-	-	-	-
Switzerland.....	678.9	213.2	161.6	53.7	6.1	-	-	-	-	-
Thailand <sup>5</sup> .....	861.6	161.9	166.4	123.3	125.1	1,165.3	2.3	.9	.2	.2
Tunisia.....	96.2	24.7	85.6	158.3	28.6	40.3	(z)	(z)	(z)	-
Turkey.....	978.5	150.4	306.0	392.0	295.8	3,129.8	4.3	3.1	.5	.2
United Kingdom.....	3,119.9	478.3	461.1	377.1	381.5	1,012.9	-	-	-	-
Uruguay.....	18.4	.7	.3	.7	.8	40.8	(z)	(z)	-	-
Venezuela.....	265.4	32.8	136.5	243.6	80.9	-	-	-	-	-
Vietnam <sup>3</sup> .....	1.2	-	-	-	-	14,773.9	-	-	-	-
West Germany.....	7,145.0	322.6	339.1	224.8	218.2	984.8	-	-	-	-
Yemen (Sanaa).....	258.1	15.2	9.8	8.6	2.8	-	-	-	-	-
Yugoslavia.....	15.2	20.4	2.1	21.4	22.0	689.6	-	-	-	-
Zaire.....	72.0	6.7	4.8	11.4	8.4	23.3	(z)	-	-	-
Other countries <sup>2</sup> .....	80.0	28.1	55.6	64.2	108.7	857.0	7.3	10.8	2.3	4.9
International organizations.....	815.2	111.5	208.9	124.6	79.9	1,601.4	-	-	-	-
General and regular costs.....	-	-	-	-	-	1,845.7	37.8	46.4	-	(z)

<sup>1</sup> Represents zero. <sup>2</sup> Less than \$50,000. <sup>3</sup> Includes military construction sales deliveries. <sup>4</sup> Includes Section 506(a) drawdown authority for military assistance deliveries. <sup>5</sup> Includes MAP and MASF programs for military assistance deliveries.

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

## NO. 525. SUMMARY OF MAJOR MILITARY FORCES: 1980 TO 1985

[As of Sept. 30]

DESCRIPTION	1980	1984	1985	DESCRIPTION	1980	1984	1985
Army: Divisions.....	16	16	17	Navy—Con.			
Maneuver battalions.....	168	155	159	Marine aircraft combat squadrons:			
Air defense battalions/batteries.....	154	135	127	Fixed-wing squadrons.....	30	31	35
Special forces groups.....	3	4	4	Rotary-wing squadrons.....	24	28	33
Aircraft, number.....	8,731	8,926	9,025	Aircraft, number.....	4,861	5,002	5,039
Navy: Ship operating force.....	538	639	669	Air Force: ICBM launchers.....	1,054	1,031	1,023
Tactical air squadrons.....	61	63	63	Selected aircraft squadrons.....	125	124	124
Antisubmarine air squadrons <sup>1</sup> .....	22	24	24	Strategic.....	26	21	21
Marine divisions.....	3	3	3	Air defense.....	6	5	5
				Tactical (excluding air-lift).....	93	98	98
				Aircraft, number <sup>2</sup> .....	10,116	10,297	10,427

<sup>1</sup> Does not include patrol squadrons. <sup>2</sup> Excludes foreign government-owned aircraft.

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

## NO. 526. ESTIMATED U.S. STRATEGIC NUCLEAR FORCES: 1987

[As of September 30. Represents weapons with intercontinental range. U.S. strategic nuclear forces consist of three parts: Land-based intercontinental ballistic missiles (ICBMs), long-range bombers, and submarine-launched ballistic missiles (SLBMs). Together these three parts are known as the TRIAD]

LAUNCHER	Number	Warheads per launcher	Total warheads	Yield in megatons <sup>1</sup>	Total megatons	Equivalent megatons <sup>2</sup>	Availability <sup>3</sup>	Circular error probable <sup>4</sup> (feet)
<b>Total.....</b>	<b>2,023</b>	<b>(x)</b>	<b>11,861</b>	<b>(x)</b>	<b>3,114</b>	<b>3,447</b>	<b>(x)</b>	<b>(x)</b>
<b>ICBMs, total.....</b>	<b>1,000</b>	<b>(x)</b>	<b>2,289</b>	<b>(x)</b>	<b>1,046</b>	<b>1,277</b>	<b>(x)</b>	<b>(x)</b>
Minuteman II.....	450	1	450	1.2	540	508	.95	2,100
Minuteman III.....	523	3	1,569	.177/335	415	639	.95	600
Peacekeeper.....	27	10	270	.335	91	130	.95	300
<b>SLBMs, total.....</b>	<b>640</b>	<b>(x)</b>	<b>5,632</b>	<b>(x)</b>	<b>410</b>	<b>961</b>	<b>(x)</b>	<b>(x)</b>
Trident (C-4).....	192	8	1,536	.1	154	331	.7	800
Poseidon (C-3).....	256	10	2,560	.04	102	299	.62	1,500
Poseidon (C-4).....	192	8	1,536	.1	154	331	.62	900
<b>Bombers, total.....</b>	<b>383</b>	<b>(x)</b>	<b>3,940</b>	<b>(x)</b>	<b>1,658</b>	<b>1,209</b>	<b>(x)</b>	<b>(x)</b>
B-52 G/H.....	116	4B/4S <sup>5</sup>	928	(NA)	557	259	.3	(NA)
B-52 G/H (cruise missile).....	147	12	1,764	.2	353	603	.3	300
FB-111 <sup>6</sup> .....	56	2B/2S <sup>5</sup>	224	(NA)	134	62	.3	(NA)
B-1B.....	64	8B/8S <sup>5</sup>	1,024	(NA)	614	285	.3	(NA)

X Not applicable. <sup>1</sup> A megaton is the yield of a nuclear weapon equivalent to 1 million tons of TNT. <sup>2</sup> A commonly used measure of the urban area destructive power of a nuclear weapon. <sup>3</sup> Estimated for on-line weapons in peacetime alert. <sup>4</sup> A measure of the delivery accuracy of a weapon system. It is the radius of a circle around the target at which a missile is aimed within which the warhead has a .5 probability of falling. <sup>5</sup> B=Bomb; S=Short-Range Attack Missile. <sup>6</sup> Medium bombers.

## NO. 527. ESTIMATED SOVIET UNION STRATEGIC NUCLEAR FORCES: 1987

[As of March. Represents weapons with intercontinental range]

LAUNCHER	Number	Warheads per launcher	Total warheads	Yield in megatons <sup>1</sup>	Total megatons	Equivalent megatons <sup>2</sup>	Availability <sup>3</sup>	Circular error probable <sup>4</sup> (feet)
<b>Total.....</b>	<b>2,671</b>	<b>(x)</b>	<b>10,368</b>	<b>(x)</b>	<b>5,844</b>	<b>6,920</b>	<b>(x)</b>	<b>(x)</b>
<b>ICBMs total.....</b>	<b>1,418</b>	<b>(x)</b>	<b>6,440</b>	<b>(x)</b>	<b>3,687</b>	<b>4,420</b>	<b>(x)</b>	<b>(x)</b>
SS-11.....	440	1	440	.95	418	425	.85	3,600
SS-13.....	60	1	60	.60	36	43	.85	6,100
SS-17.....	150	4	600	.75	450	495	.95	1,200
SS-18.....	308	10	3,080	.50	1,540	1,940	.95	700
SS-19.....	360	6	2,160	.55	1,188	1,450	.95	1,300
SS-25.....	100	1	100	.55	55	67	.85	600
<b>SLBMs, total.....</b>	<b>928</b>	<b>(x)</b>	<b>2,448</b>	<b>(x)</b>	<b>957</b>	<b>1,242</b>	<b>(x)</b>	<b>(x)</b>
SS-N-6.....	272	1	272	.75	204	225	.4	4,200
SS-N-8.....	292	1	292	.75	219	241	.4	4,800
SS-N-17.....	12	1	12	.5	6	8	.4	4,800
SS-N-18.....	224	3	672	.5	336	423	( <sup>5</sup> )	3,000
SS-N-20.....	80	9	720	.1	72	155	( <sup>5</sup> )	1,800
SS-N-23.....	48	10	480	.25	120	190	( <sup>5</sup> )	2,000
<b>Bombers, total.....</b>	<b>325</b>	<b>(x)</b>	<b>1,500</b>	<b>(x)</b>	<b>1,200</b>	<b>1,259</b>	<b>(x)</b>	<b>(x)</b>
Bear.....	100	4	400	1.0	400	400	(NA)	(NA)
Bear-H (cruise missile).....	50	8	400	1.5	100	159	(NA)	(NA)
Bison.....	15	4	60	1.0	60	60	(NA)	(NA)
Backfire.....	160	4	640	1.0	640	640	(NA)	(NA)

NA Not available. X Not applicable. <sup>1</sup> See footnote 1, table 526. <sup>2</sup> See footnote 2, table 526. <sup>3</sup> Estimated for on-line weapons in peacetime alert. <sup>4</sup> See footnote 4, table 526. <sup>5</sup> These longer-range SLBMs can reach the U.S. from Soviet ports, and would likely have a higher rate of availability.

Source of tables 526 and 527: The Congress of the United States, Congressional Budget Office, *Modernizing U.S. Strategic Offensive Forces: The Administration's Program and Alternatives*, May 1983; *Trident II Missiles: Capability, Costs, and Alternatives*, July 1986; and unpublished data.

NO. 528. DEPARTMENT OF DEFENSE—ACTIVE DUTY MILITARY PERSONNEL: 1940 TO 1986

[As of end of fiscal year; see text, section 9]

YEAR	Total service (1,000)	Rate per 1,000 population <sup>1</sup>	YEAR	Total service (1,000)	Rate per 1,000 population <sup>1</sup>	YEAR	Total service (1,000)	Rate per 1,000 population <sup>1</sup>
1940	458	3.5	1956	2,806	16.6	1972	2,323	11.1
1941	1,801	13.5	1957	2,796	16.3	1973	2,253	10.6
1942	3,859	28.5	1958	2,601	14.9	1974	2,162	10.1
1943	9,045	65.9	1959	2,504	14.1	1975	2,128	9.9
1944	11,452	82.4	1960	2,476	13.7	1976	2,082	9.6
1945	12,123	86.3	1961	2,484	13.5	1977	2,075	9.4
1946	3,030	21.4	1962	2,608	15.0	1978	2,062	9.3
1947	1,583	10.9	1963	2,700	14.3	1979	2,027	9.0
1948	1,446	9.8	1964	2,687	14.0	1980	2,051	9.0
1949	1,615	10.8	1965	2,655	13.7	1981	2,083	9.1
1950	1,489	9.9	1966	3,094	15.7	1982	2,109	9.1
1951	3,249	21.0	1967	3,377	17.0	1983	2,123	9.0
1952	3,636	23.1	1968	3,548	17.7	1984	2,138	9.0
1953	3,555	22.2	1969	3,460	17.1	1985	2,151	9.0
1954	3,302	20.3	1970	3,066	14.9	1986	2,169	9.0
1955	2,935	17.7	1971	2,715	13.1			

<sup>1</sup> Based on Bureau of the Census estimated total population (including Armed Forces abroad) as of July 1. Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual.

NO. 529. DEPARTMENT OF DEFENSE PERSONNEL, PAYROLL, AND MILITARY RETIREES: 1950 TO 1986

[Personnel: As of end of fiscal year. Payroll: For fiscal year ending in year shown; see text, section 9. Excludes "indirect hire" civilians, i.e., foreign nationals under special agreement with Defense Department with foreign country. See *Historical Statistics, Colonial Times to 1970*, series Y 904-916, for similar but not comparable personnel data]

YEAR	PERSONNEL (1,000)				PAYROLL <sup>1</sup> (bil. dol.)				MILITARY RETIREES	
	Total	Active duty, military		Direct hire civilian	Total	Active duty, military <sup>2</sup>		Direct hire civilian <sup>3</sup>	Number (1,000)	Pension payments (bil. dol.)
		Total	Percent			Total	Percent			
1950	2,213	1,460	66.0	753	8.2	5.3	64.6	2.9	132	(NA)
1955	4,122	2,935	71.2	1,187	13.8	9.1	65.9	4.7	180	(NA)
1960	3,524	2,478	70.3	1,047	15.1	9.3	61.6	5.8	256	(NA)
1965	3,669	2,655	72.0	1,034	18.5	11.4	61.6	7.1	481	(NA)
1970	4,260	3,066	72.0	1,194	30.7	19.4	63.2	11.3	773	2.5
1974	3,233	2,162	66.9	1,071	32.7	19.9	60.9	12.8	1,012	6.1
1975	3,170	2,128	67.1	1,042	34.0	20.2	59.4	13.8	1,075	7.3
1976	3,092	2,082	67.3	1,010	35.0	20.4	58.3	14.8	1,132	8.2
1977	3,057	2,075	67.9	982	36.8	21.0	57.1	15.8	1,200	9.0
1978	3,043	2,062	67.8	980	38.6	21.0	54.4	17.6	1,286	10.3
1979	2,988	2,027	67.8	960	40.9	22.7	55.5	18.2	1,330	11.9
1980	3,011	2,051	68.1	960	42.8	25.1	58.4	20.0	1,363	13.7
1981	3,067	2,083	67.9	984	46.1	26.1	57.7	21.8	1,391	14.9
1982	3,098	2,109	68.1	990	54.7	32.9	60.1	21.8	1,419	15.9
1983	3,150	2,123	67.4	1,026	50.4	27.7	55.0	22.7	1,449	16.4
1984	3,182	2,139	66.6	1,043	53.3	28.9	54.2	24.4	1,479	17.0
1985	3,236	2,151	66.5	1,085	54.6	29.8	54.6	24.8	1,479	17.0
1986	3,237	2,169	67.0	1,068	59.5	31.3	52.6	28.2	1,506	17.8

NA Not available. <sup>1</sup> Source: Beginning 1983, U.S. Dept. of Defense, *Atlas*; data not strictly comparable with earlier years. <sup>2</sup> Excludes troop subsistence, transportation, movement of personnel, etc. <sup>3</sup> Excludes benefits, etc. Source: Except as noted. U.S. Dept. of Defense, *Selected Manpower Statistics*, annual; and *Military Manpower Statistics*, monthly.

NO. 530. MILITARY PERSONNEL ON ACTIVE DUTY, BY SERVICE: 1970 TO 1986

[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	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
<b>Total</b>	<b>3,066</b>	<b>2,127</b>	<b>2,081</b>	<b>2,074</b>	<b>2,061</b>	<b>2,024</b>	<b>2,050</b>	<b>2,082</b>	<b>2,109</b>	<b>2,123</b>	<b>2,139</b>	<b>2,151</b>	<b>2,169</b>
Percent officers	13.1	13.7	13.5	13.3	13.2	13.5	13.5	13.7	13.8	14.1	14.2	14.4	14.3
Army	1,322	784	779	782	771	758	777	781	780	780	780	781	781
Officers	166	103	98	97	97	97	98	101	103	106	108	110	110
Enlisted	1,156	681	681	685	674	661	679	680	677	674	672	671	671
Navy	692	535	524	530	530	522	527	540	559	558	566	572	581
Officers	81	65	64	63	62	62	63	63	67	68	69	71	72
Enlisted	612	470	461	467	468	460	464	475	486	490	496	501	509
Marine Corps	260	196	192	192	191	185	188	191	193	194	196	198	199
Officers	25	19	19	19	18	18	18	18	19	20	20	20	20
Enlisted	235	177	174	173	173	167	170	172	174	174	176	178	179
Air Force	791	612	585	570	569	559	558	570	583	592	597	602	608
Officers	130	105	100	98	95	96	98	99	102	105	106	108	109
Enlisted	662	507	486	474	474	463	460	471	481	487	491	493	499

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

## NO. 531. MILITARY PERSONNEL ON ACTIVE DUTY, BY LOCATION: 1970 TO 1986

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

YEAR	TOTAL		United States <sup>3</sup>	Foreign countries	YEAR	TOTAL		United States <sup>3</sup>	Foreign countries
	Shore-based <sup>1</sup>	Naval afloat <sup>2</sup>				Shore-based <sup>1</sup>	Naval afloat <sup>2</sup>		
1970.....	2,627	247	1,987	887	1979.....	1,824	204	1,569	458
1971.....	2,290	229	1,846	673	1980.....	1,840	211	1,562	488
1972.....	2,109	239	1,752	596	1981.....	1,869	214	1,581	502
1973.....	1,982	220	1,709	493	1982.....	1,880	229	1,580	528
1974.....	1,929	211	1,660	480	1983.....	1,889	234	1,604	519
1975.....	1,884	200	1,630	455	1984.....	1,908	230	1,628	510
1976.....	1,867	217	1,626	456	1985.....	1,920	231	1,636	516
1977.....	1,854	221	1,615	460	1986.....	1,929	240	1,644	526
1978.....	1,834	228	1,591	472					

<sup>1</sup> Includes Navy personnel temporarily on shore. <sup>2</sup> Includes Marine Corps. <sup>3</sup> Includes outlying areas.Source: U.S. Dept. of Defense, *Selected Manpower Statistics*, annual; and unpublished data.

## NO. 532. COAST GUARD PERSONNEL ON ACTIVE DUTY: 1970 TO 1986

[As of end of fiscal year; see text, section 9]

YEAR	Total	Officers	Cadets	Enlisted	YEAR	Total	Officers	Cadets	Enlisted
1975.....	36,788	5,630	1,177	29,981	1983.....	39,708	6,535	811	32,362
1979.....	38,559	6,340	806	31,413	1984.....	38,705	6,790	759	31,156
1980.....	39,381	6,463	877	32,041	1985.....	38,595	6,775	733	31,087
1981.....	39,760	6,519	981	32,260	1986.....	37,284	6,577	754	29,953

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

## NO. 533. 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
<b>Military forces</b> .....	1,000.....	(x)	<sup>1</sup> 23.3	184.3	385.3	485.6	536.1	475.2	234.6	156.8	24.2	-
<b>Battle deaths</b> <sup>2</sup> .....	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	1,588	1,168	555	160	28	8
Died while missing <sup>3</sup> .....	Number.....	3,652	72	197	326	959	401	141	189	134	128	1,105

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

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

## NO. 534. 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 533 for data on Vietnam conflict. See also *Historical Statistics, Colonial Times to 1970*, series Y 656-903]

ITEM	Unit	Civil War <sup>1</sup>	Spanish-American War	World War I	World War II	Korean conflict	Vietnam conflict
Personnel serving.....	1,000.....	2,213	307	4,744	<sup>2</sup> 16,354	<sup>3</sup> 5,764	<sup>4</sup> 8,811
Average duration of service.....	Months.....	20	8	12	33	19	23
Service abroad: Personnel serving.....	Percent.....	(NA)	<sup>5</sup> 29	53	73	<sup>6</sup> 56	(NA)
Average duration <sup>7</sup> .....	Months.....	(NA)	1.5	5.5	16.2	13.4	(NA)
Casualties: <sup>8</sup> Battle deaths.....	1,000.....	140	(2)	53	292	34	<sup>9</sup> 47
Wounds not mortal.....	1,000.....	282	2	204	671	103	<sup>9</sup> 304
Draftees: Classified.....	1,000.....	777	(x)	24,234	36,677	9,123	<sup>4</sup> 75,717
Examined.....	1,000.....	522	(x)	3,764	17,955	3,685	<sup>4</sup> 8,611
Rejected.....	1,000.....	160	(x)	603	6,420	1,189	<sup>4</sup> 3,880
Inducted.....	1,000.....	46	(x)	2,820	10,022	1,560	<sup>4</sup> 1,759

NA Not available. X Not applicable. Z Fewer than 500. <sup>1</sup> Union forces only. Estimates of the number serving in Confederate forces range from 600,000 to 1.5 million. <sup>2</sup> Covers Dec. 1, 1941, to Dec. 31, 1946. <sup>3</sup> Covers June 25, 1950, to July 27, 1953. <sup>4</sup> Covers Aug. 4, 1964, to Jan. 27, 1973. <sup>5</sup> Army and Marines only. <sup>6</sup> Excludes Navy. Covers July 1950 through Jan. 1955. Far East area only. <sup>7</sup> During hostilities only. <sup>8</sup> For periods covered, see footnotes 2, 3, and 4. <sup>9</sup> Covers Jan. 1, 1961, to Jan. 27, 1973.Source: The President's Commission on Veterans' Pensions, *Veterans' Benefits in the United States*, vol. 1, 1956; and U.S. Dept. of Defense, unpublished data.

No. 535. ENLISTED MILITARY PERSONNEL ACCESSIONS: 1980 TO 1986

[In thousands. For years ending Sept. 30]

BRANCH OF SERVICE	1980	1984	1985	1986	BRANCH OF SERVICE	1980	1984	1985	1986
<b>Total</b> .....	<b>582</b>	<b>549</b>	<b>529</b>	<b>551</b>	<b>Navy</b> .....	<b>127</b>	<b>122</b>	<b>117</b>	<b>123</b>
First enlistments.....	356	305	287	299	First enlistments.....	75	69	67	70
Reenlistments.....	204	224	216	226	Reenlistments.....	38	53	50	53
Reserves to active duty.....	22	20	26	26	<b>Marine Corps</b> .....	<b>58</b>	<b>62</b>	<b>54</b>	<b>55</b>
<b>Army</b> .....	<b>265</b>	<b>220</b>	<b>200</b>	<b>216</b>	First enlistments.....	42	41	36	35
First enlistments.....	163	134	117	127	Reenlistments.....	15	21	19	20
Reenlistments.....	97	86	84	89	<b>Air Force</b> .....	<b>132</b>	<b>126</b>	<b>132</b>	<b>131</b>
					First enlistments.....	76	82	88	87
					Reenlistments.....	56	64	64	64

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

No. 536. RESERVE OFFICERS TRAINING CORPS (ROTC)—ENROLLMENT: 1970 TO 1986

[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	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Senior ROTC .....	123	60	56	61	66	76	80	84	91	100	103	99	111	99	97
Junior ROTC .....	126	140	155	164	158	152	156	144	166	158	191	176	212	216	218

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

No. 537. MILITARY PERSONNEL ON ACTIVE DUTY BY GRADE IN WHICH SERVING: 1983 TO 1986

[In thousands. As of Sept. 30]

RANK/GRADE	1983	1984	1985	1986	RANK/GRADE	1983	1984	1985	1986
<b>Total</b> <sup>1</sup> .....	<b>2,123.3</b>	<b>2,138.2</b>	<b>2,151.0</b>	<b>2,169.1</b>	Chief Warrant—W-3 .....	5.8	5.5	5.2	4.9
Recruit—E-1 .....	136.7	129.8	127.6	132.6	Chief Warrant—W-4 .....	2.3	2.8	3.2	3.3
Private—E-2 .....	143.5	137.2	140.6	148.7	2nd Lt.—O-1 .....	38.5	39.5	39.7	39.2
Pvt. 1st class—E-3 .....	371.4	368.1	336.3	328.6	1st Lt.—O-2 .....	43.1	41.6	42.7	44.4
Corporal—E-4 .....	413.2	424.0	444.4	443.9	Captain—O-3 .....	98.3	101.7	104.4	104.7
Sergeant—E-5 .....	347.2	351.2	356.2	361.1	Major—O-4 .....	51.5	52.3	53.3	54.4
Staff Sgt.—E-6 .....	222.1	231.7	237.8	241.6	Lt. Colonel—O-5 .....	32.5	32.6	32.8	32.7
Sgt. 1st class—E-7 .....	124.8	126.9	131.9	133.4	Colonel—O-6 .....	14.5	14.6	14.7	14.6
Master Sgt.—E-8 .....	38.2	37.9	38.5	39.0	Brig. General—O-7 .....	.5	.5	.5	.5
Sgt. Major—E-9 .....	14.0	14.3	15.1	15.5	Major General—O-8 .....	.4	.4	.4	.4
Warrant Officer—W-1 .....	3.7	2.7	2.4	2.2	Lt. General—O-9 .....	.1	.1	.1	.1
Chief Warrant—W-2 .....	7.5	8.9	9.4	9.5	General—O-10 .....	(z)	(z)	(z)	(z)

Z Less than 50. <sup>1</sup> Includes cadets and midshipmen.

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

No. 538. MONTHLY (JANUARY) RATES OF MILITARY BASIC PAY: 1984 TO 1987

PAY GRADE AND YEARS OF SERVICE <sup>1</sup>	1984	1985	1986 <sup>2</sup>	1987	PAY GRADE AND YEARS OF SERVICE <sup>1</sup>	1984	1985	1986 <sup>2</sup>	1987
Recruit—E-1 (0-2) .....	\$596	\$620	\$639	\$658	2d Lt.—O-1 (0-2) .....	\$1,143	\$1,189	\$1,224	\$1,261
Private—E-2 (0-2) .....	689	695	716	738	1st Lt.—O-2 (2-3) .....	1,438	1,495	1,540	1,586
Pvt. 1st class—E-3 (0-2) .....	695	723	745	767	Captain—O-3 (8-8) .....	2,092	2,178	2,241	2,308
Corporal—E-4 (2-3) .....	779	810	835	860	Major—O-4 (14-18) .....	2,648	2,754	2,838	2,921
Sergeant—E-5 (4-6) .....	942	980	1,009	1,040	Lt. Colonel—O-5 (20-22) .....	3,282	3,413	3,516	3,621
Staff Sgt.—E-6 (12-14) .....	1,250	1,300	1,339	1,379	Colonel—O-6 (26-30) .....	4,163	4,330	4,460	4,593
Sgt. 1st class—E-7 (18-20) .....	1,523	1,584	1,631	1,680	Brig. General—O-7 (26-30) .....	4,738	4,926	5,075	5,228
Master Sgt.—E-8 (20-22) .....	1,748	1,818	1,873	1,929	Maj General—O-8 (26-30) .....	5,450	5,667	<sup>3</sup> 5,725	<sup>3</sup> 5,900
Sgt. Major—E-9 (22-26) .....	2,100	2,184	2,249	2,317	Lt. General—O-9 (26-30) .....	<sup>3</sup> 5,500	<sup>3</sup> 5,725	<sup>3</sup> 5,725	<sup>3</sup> 5,900
Warrant Officer—W-1 (10-12) .....	1,438	1,495	1,540	1,586	General—O-10 (26-30) .....	<sup>3</sup> 5,500	<sup>3</sup> 5,725	<sup>3</sup> 5,725	<sup>3</sup> 5,900
Chief Warrant—W-4 (26-30) .....	2,627	2,732	2,814	2,898					

<sup>1</sup> Longevity pay step of typical military member. <sup>2</sup> As of October 1985. <sup>3</sup> Statutory limitation.

Source: U.S. Dept. of Defense, Office of the Comptroller, unpublished data.

**NO. 539. DISCHARGES, DESERTION AND ABSENT-WITHOUT-AUTHORITY RATES FOR MILITARY PERSONNEL: 1970 TO 1986**

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

YEAR	Total discharges	Honorable <sup>1 2</sup>	General <sup>1 3</sup>	Other than honorable <sup>1 4</sup>	Bad conduct <sup>5 6</sup>	Dis-honorable <sup>5 7</sup>	De- sertion rate <sup>8</sup>	Absent- without- authority rate <sup>9</sup>
1970	1,136,140	1,081,556	29,334	20,811	3,964	375	33.6	86.3
1975	882,952	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
1981	530,718	481,684	27,389	17,615	3,533	387	14.7	42.3
1982	523,014	466,666	33,294	18,071	4,653	330	10.9	34.3
1983	10 531,386	447,511	32,582	23,173	5,757	138	6.7	22.4
1984	10 517,897	423,650	32,194	24,883	5,617	268	6.5	20.8
1985	10 505,840	426,244	27,638	20,627	4,939	287	6.3	17.1
1986	10 512,462	11 426,931	11 26,561	11 21,750	11 3,198	11 646	6.2	16.8

<sup>1</sup> Administrative discharge. <sup>2</sup> Based on proper military behavior and proficient performance of duty; honest and faithful service. <sup>3</sup> Discharge under honorable conditions; satisfactory service; military record not sufficiently meritorious for honorable discharge. <sup>4</sup> Unsatisfactory service (misconduct, security or resignation/request for discharge). <sup>5</sup> Punitive, resulting from trial by court-martial. <sup>6</sup> Usually punishment for repeated convictions of minor offenses or less serious felony type offense. <sup>7</sup> Awarded after conviction of serious offenses usually recognized by civil law as felonies, or of military offenses requiring severe punishment. <sup>8</sup> Absent without authority more than 30 days. <sup>9</sup> For 30 days or less. <sup>10</sup> Includes uncharacterized discharges, not shown separately. <sup>11</sup> Preliminary.

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

**NO. 540. MILITARY RESERVE PERSONNEL: 1970 TO 1986**

[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	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
<b>Total reserves</b> .....	<b>3,639</b>	<b>2,656</b>	<b>2,249</b>	<b>2,118</b>	<b>2,109</b>	<b>2,169</b>	<b>2,267</b>	<b>2,250</b>	<b>2,295</b>	<b>2,310</b>	<b>2,370</b>	<b>2,434</b>
Ready reserve.....	2,574	1,529	1,183	1,144	1,203	1,263	1,317	1,359	1,419	1,491	1,566	1,613
Standby reserve.....	492	412	274	183	103	86	65	52	44	44	44	41
Retired reserve.....	573	715	792	791	803	821	885	839	832	775	760	780
Army.....	2,221	1,631	1,243	1,178	1,173	1,218	1,337	1,360	1,408	1,428	1,481	1,508
Navy.....	808	521	476	435	427	438	436	415	423	425	431	464
Air Force.....	610	504	530	506	509	514	494	478	463	457	459	462

Source: U.S. Dept. of Defense, *Official Guard and Reserve manpower strengths and statistics*, quarterly.

**NO. 541. MILITARY RESERVE COSTS: 1970 TO 1986**

[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	1978	1979	1980	1981	1982	1983	1984	1985	1986
<b>Total</b> .....	<b>2,547</b>	<b>4,789</b>	<b>6,881</b>	<b>7,049</b>	<b>7,877</b>	<b>9,870</b>	<b>10,370</b>	<b>12,073</b>	<b>15,544</b>	<b>19,439</b>	<b>19,631</b>
Operations and maintenance.....	994	2,092	2,718	2,851	3,526	4,164	4,716	5,137	5,128	5,734	5,770
Personnel.....	1,083	1,879	1,932	2,031	2,359	3,012	3,776	4,633	3,753	7,704	8,500
Procurement.....	187	518	1,689	1,506	1,463	1,955	1,008	1,627	5,923	5,003	4,383
Active-duty support.....	234	324	365	389	408	506	556	386	433	591	607
Construction.....	49	176	176	172	122	233	314	291	303	408	371

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

**NO. 542. NATIONAL GUARD—SUMMARY: 1970 TO 1986**

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

ITEM	Unit	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
<b>Army National Guard: Units</b> .....	<b>Number</b>	<b>3,052</b>	<b>3,245</b>	<b>3,368</b>	<b>3,379</b>	<b>3,359</b>	<b>3,482</b>	<b>3,429</b>	<b>4,351</b>	<b>4,353</b>	<b>4,464</b>
Personnel <sup>1</sup> .....	1,000	410	403	347	368	391	409	418	434	438	450
Funds obligated <sup>2</sup> .....	Mil. dol.	752	1,322	1,654	1,802	2,189	2,708	2,980	3,093	4,387	4,820
Value of equipment.....	Mil. dol.	1,600	4,100	7,600	7,600	8,100	8,600	13,100	14,300	16,800	19,700
<b>Air National Guard: Units</b> .....	<b>Number</b>	<b>958</b>	<b>1,106</b>	<b>1,020</b>	<b>1,054</b>	<b>1,054</b>	<b>1,060</b>	<b>1,185</b>	<b>1,202</b>	<b>1,184</b>	<b>1,200</b>
Personnel <sup>1</sup> .....	1,000	90	96	93	97	98	101	102	105	109	113
Funds obligated <sup>2</sup> .....	Mil. dol.	467	890	1,250	1,678	1,957	2,288	2,478	2,488	2,813	2,807
Value of equipment (est.).....	Mil. dol.	(NA)	3,100	4,800	5,200	6,000	5,900	6,300	17,500	21,400	26,100

NA Not available. <sup>1</sup> Officers and enlisted men. <sup>2</sup> Federal funds; includes personnel, operations, maintenance, and military construction. <sup>3</sup> 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. 543. LIVING VETERANS—STATES AND OTHER AREAS: 1970 TO 1986

[Estimates in thousands. As of end of fiscal year; see text, section 9. Data were developed from benchmark veteran population statistics as of April 1, 1980, based on 1980 Census of Population data on veteran's place of residence, extended to later years on the basis of 1975-1980 veteran interstate migration statistics from the 1980 census; not directly comparable with earlier estimates previously published by the VA. 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. Detail may not add to total shown due to rounding.]

YEAR AND STATE OR OTHER AREA	Total veterans <sup>1</sup>	WAR VETERANS							Service between Korea and Vietnam only	Post-Vietnam era <sup>6</sup>
		Total <sup>2</sup>	World War I	World War II <sup>3</sup>	Korean conflict		Vietnam era			
					Total <sup>4</sup>	No service in World War II	Total <sup>4</sup>	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	3,085	1,120
1981.....	28,563	23,716	404	11,491	5,393	4,308	8,175	7,613	3,076	1,320
1982.....	28,399	23,421	348	11,241	5,346	4,280	8,210	7,551	3,084	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	10,348	5,135	4,143	8,215	7,578	3,008	2,058
<b>1986, total.....</b>	<b>27,682</b>	<b>22,017</b>	<b>171</b>	<b>10,076</b>	<b>5,105</b>	<b>4,134</b>	<b>8,264</b>	<b>7,636</b>	<b>3,004</b>	<b>2,283</b>
<b>United States.....</b>	<b>27,557</b>	<b>21,920</b>	<b>170</b>	<b>10,046</b>	<b>5,070</b>	<b>4,102</b>	<b>8,229</b>	<b>7,602</b>	<b>2,993</b>	<b>2,267</b>
Alabama.....	409	325	2	147	85	68	122	108	44	34
Alaska.....	69	54	(z)	14	11	9	33	31	9	6
Arizona.....	402	323	2	155	75	54	127	112	38	38
Arkansas.....	267	210	2	101	48	37	79	71	28	25
California.....	2,879	2,323	18	1,051	584	434	907	821	311	200
Colorado.....	400	317	2	119	76	59	154	138	44	34
Connecticut.....	398	321	2	156	75	63	103	89	47	26
Delaware.....	78	62	(z)	28	14	11	23	21	8	7
District of Columbia.....	60	48	(z)	24	12	9	16	14	6	6
Florida.....	1,461	1,196	13	655	280	192	399	335	124	113
Georgia.....	649	504	2	203	123	95	228	203	69	66
Hawaii.....	102	81	(z)	33	21	16	37	32	11	9
Idaho.....	117	93	1	39	20	17	39	36	13	10
Illinois.....	1,276	1,014	8	471	223	197	348	338	148	97
Indiana.....	654	503	4	215	114	100	190	184	76	67
Iowa.....	340	272	3	115	59	53	103	100	36	29
Kansas.....	289	234	3	106	52	43	89	82	31	21
Kentucky.....	374	298	3	134	68	58	110	103	41	29
Louisiana.....	436	343	2	153	77	61	137	126	46	40
Maine.....	154	123	1	55	28	23	47	43	16	14
Maryland.....	535	423	2	189	107	82	165	149	60	45
Massachusetts.....	695	560	5	285	127	105	173	164	76	51
Michigan.....	1,040	807	6	344	173	156	310	302	119	102
Minnesota.....	501	395	4	161	86	77	156	152	61	41
Mississippi.....	236	186	1	91	47	37	66	57	24	21
Missouri.....	637	506	4	229	119	99	185	174	68	55
Montana.....	107	85	1	35	18	15	36	34	12	9
Nebraska.....	188	150	2	64	36	31	57	53	21	15
Nevada.....	136	109	-	46	29	21	47	41	17	10
New Hampshire.....	140	111	1	47	26	21	46	42	16	13
New Jersey.....	898	721	5	369	166	143	214	204	105	59
New Mexico.....	170	135	1	58	32	24	59	59	16	17
New York.....	1,888	1,501	13	781	328	282	447	435	208	150
North Carolina.....	680	541	3	248	127	104	207	186	69	60
North Dakota.....	73	57	(z)	22	12	11	24	23	9	7
Ohio.....	1,320	1,034	7	478	221	194	368	355	146	123
Oklahoma.....	402	325	3	140	75	58	136	124	41	30
Oregon.....	365	285	3	122	59	47	119	113	39	27
Pennsylvania.....	1,541	1,235	9	623	266	228	390	375	173	114
Rhode Island.....	121	99	1	51	23	18	32	30	12	9
South Carolina.....	351	277	1	122	69	52	117	101	36	32
South Dakota.....	79	63	1	26	16	14	22	21	9	7
Tennessee.....	527	416	3	182	94	78	186	159	56	47
Texas.....	1,781	1,409	8	589	325	250	623	562	190	157
Utah.....	154	125	1	52	28	23	52	49	17	11
Vermont.....	64	49	(z)	21	11	9	20	19	7	7
Virginia.....	671	530	3	235	146	104	226	189	71	61
Washington.....	595	476	4	194	114	84	217	194	66	46
West Virginia.....	227	182	2	85	39	33	67	62	23	18
Wisconsin.....	569	440	4	187	95	84	169	165	72	51
Wyoming.....	80	48	(z)	17	10	9	23	22	7	4
Puerto Rico.....	125	96	1	30	35	32	35	34	12	16

- Represents zero. X Not applicable. Z Fewer than 500. <sup>1</sup> 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. <sup>2</sup> 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. <sup>3</sup> Includes 971,000 who served in both World War II and the Korean conflict. <sup>4</sup> Includes 629,000 who served in both the Korean conflict and the Vietnam era. <sup>5</sup> Service only after May 7, 1975. <sup>6</sup> There are also 5 living Spanish-American War veterans whose median age is 103 years, and 63 living Mexican Border conflict veterans.

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

## NO. 544. LIVING VETERANS, BY AGE AND PERIOD OF SERVICE: 1986

[In thousands, except as indicated. As of Sept. 30. Estimated. Includes Puerto Rico. See headnote, table 543. See *Historical Statistics, Colonial Times to 1970*, series Y 943-956, for all veterans]

AGE IN 1985	Total veterans	World War I	World War II <sup>1</sup>	KOREA			Peace-time service between Korea and Vietnam only	VIETNAM			Post-Vietnam era peace-time <sup>3</sup>	Other peace-time <sup>4</sup>
				Total <sup>2</sup>	Only in Korea	Also in WW II		Total <sup>2</sup>	Only in Vietnam	Also in Korea		
All ages.....	27,662	171	10,076	5,105	4,134	971	3,004	8,264	7,636	629	2,263	378
Under 24 years.....	381	-	-	-	-	-	-	-	-	-	381	-
25-29 years.....	1,268	-	-	-	-	-	-	130	130	-	1,158	-
30-34 years.....	1,731	-	-	-	-	-	-	1,180	1,180	-	551	-
35-39 years.....	3,201	-	-	-	-	-	-	3,059	3,059	-	123	-
40-44 years.....	2,937	-	-	-	-	-	-	2,411	2,411	-	34	-
45-49 years.....	2,420	-	-	166	166	-	1,555	702	679	23	21	-
50-59 years.....	6,387	-	1,319	4,075	3,823	252	922	557	164	393	14	145
60 years and over.....	9,337	171	8,757	864	148	718	19	226	11	215	-	234
Median age (yr.) <sup>5</sup> .....	53.4	89.8	65.1	55.8	55.0	63.2	48.3	39.7	39.3	54.2	28.4	65.8

- Represents zero. <sup>1</sup> Includes 971,000 who served in both WW II and Korean Conflict. <sup>2</sup> Includes 629,000 who served in both the Korean Conflict and the Vietnam Era. <sup>3</sup> Service only after May 7, 1975. <sup>4</sup> 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. <sup>5</sup> There are also 5 living Spanish-American War veterans whose median age is 103 years, and 63 living Mexican Border Conflict veterans. <sup>6</sup> Computed from data by single year of age.

## NO. 545. DISABLED VETERANS RECEIVING COMPENSATION: 1970 TO 1986

[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	1979	1980	1981	1982	1983	1984	1985	1986
Disabled, all periods <sup>1</sup> .....	2,092	2,220	2,266	2,274	2,279	2,275	2,263	2,251	2,240	2,225
Peace-time.....	185	194	240	262	284	302	319	335	352	367
World War I <sup>1</sup> .....	85	55	34	30	25	22	18	15	12	10
World War II.....	1,416	1,309	1,218	1,193	1,168	1,140	1,111	1,080	1,049	1,015
Korea.....	239	240	237	236	234	231	229	228	223	220
Vietnam.....	167	423	537	553	568	579	587	595	604	613
Totally disabled, all periods <sup>1</sup> .....	124	123	121	121	135	138	139	137	136	133
Peace-time.....	16	16	19	20	23	24	25	25	26	26
World War I <sup>1</sup> .....	11	6	3	3	2	2	2	1	1	1
World War II.....	63	58	53	51	56	57	58	56	54	51
Korea.....	18	16	16	16	18	17	17	17	17	16
Vietnam.....	18	26	30	31	36	37	37	38	38	39
Compensation (mil. dol.).....	2,393	3,797	5,554	6,104	6,939	7,594	8,007	8,041	8,270	8,379

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

Source of tables 544 and 545: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs*, and unpublished data.

## NO. 546. VETERANS BENEFITS—EXPENDITURES, BY PROGRAM: 1970 TO 1986

[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	1979	1980	1981	1982	1983	1984	1985	1986
Total <sup>1</sup> .....	10,201	18,003	22,178	23,187	25,203	26,937	28,196	28,494	30,119	31,556
Compensation and pensions <sup>2</sup> .....	5,330	7,551	10,540	11,257	12,492	13,348	13,881	13,942	14,234	14,399
Educational assistance and readjustment benefits.....	1,047	4,529	2,800	2,383	2,333	2,001	1,678	1,043	1,169	907
Post-Korean veterans education <sup>3</sup> .....	939	4,165	2,450	2,068	1,968	1,474	1,394	1,148	912	849
Dependents' educational assistance.....	52	193	204	194	205	197	172	154	145	123
Vocational rehabilitation.....	42	73	96	88	114	117	118	110	107	103
Automobiles, etc., for disabled veterans.....	6	17	12	12	12	12	13	13	15	16
Grants for special adaptive housing.....	8	14	23	19	16	17	14	13	16	14
Changes in receivables.....	1	97	15	2	14	180	-32	-35	-26	-198
Medical services and administ. expenses.....	2,009	3,919	6,206	6,847	7,199	8,009	8,722	9,123	9,992	10,269
Hospital and domiciliary construction <sup>4</sup> .....	75	136	293	342	456	481	458	486	557	567
Insurance and indemnities.....	1,181	1,345	1,433	1,637	1,693	1,701	1,694	1,750	1,853	2,008
Loan guaranty revolving fund.....	249	423	453	445	553	825	1,187	1,511	1,626	2,667
Direct loans.....	180	84	57	49	19	10	8	8	8	9
Miscellaneous expenditures.....	131	17	396	427	459	562	567	631	679	728

<sup>1</sup> Excludes expenditures from personal funds of patients. Includes expenditures from VA Revolving Supply Fund and insurance trust funds. <sup>2</sup> Includes expenditures for statutory burial awards, special clothing allowance, mortgage life insurance, invalidity life, headstones and markers, and other expenses. <sup>3</sup> Includes post-Vietnam veterans. <sup>4</sup> Includes National Cancer Institute expenditures (transfer to Veterans Administration). <sup>5</sup> Includes construction grants for State extended care facilities. 1975 and later years include expenditures for health manpower training facilities.

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



**NO. 547. VETERANS BENEFITS—EXPENDITURES FROM APPROPRIATED FUNDS, BY WAR:**  
TOTAL AND 1940 TO 1986

[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 <sup>1</sup>	Service between Korea and Vietnam only	Vietnam <sup>2</sup>	Peacetime
<b>Total.....</b>	<b>3 441,817</b>	<b>192</b>	<b>8,574</b>	<b>5,897</b>	<b>72,337</b>	<b>206,614</b>	<b>39,890</b>	<b>10,236</b>	<b>76,270</b>	<b>23,501</b>
To 1939.....	<sup>3</sup> 18,914	147	8,356	1,537	8,557	(x)	(x)	(x)	(x)	198
1940-1944.....	3,016	14	102	663	1,840	281	(x)	(x)	(x)	116
1945-1949.....	27,139	11	49	798	2,783	23,317	(x)	(x)	(x)	181
1950-1954.....	25,564	7	28	821	4,638	18,878	823	(x)	(x)	369
1955-1959.....	24,723	5	15	696	6,835	10,956	5,674	(x)	(x)	542
1960-1964.....	28,466	2	13	528	9,365	13,421	4,142	(x)	(x)	995
1965-1969.....	34,673	(z)	6	334	9,646	16,732	3,656	1,569	1,331	1,399
1970-1974.....	57,154	3	5	229	9,684	23,474	4,707	3,496	13,676	1,980
1975-1979.....	98,085	2	(z)	192	10,256	40,397	8,013	4,029	30,805	4,391
1980-1984.....	122,712	(z)	(z)	102	9,198	58,088	12,887	1,710	30,097	11,129
1970.....	8,905	(z)	1	54	1,944	3,881	898	481	1,328	318
1971.....	10,240	(z)	1	51	1,917	4,317	865	648	2,083	358
1972.....	11,314	1	1	45	1,980	4,699	905	728	2,571	384
1973.....	12,817	1	1	40	1,908	5,138	988	791	3,535	415
1974.....	13,878	1	1	39	1,835	5,439	1,051	848	4,159	505
1975.....	16,419	1	(z)	38	1,897	6,196	1,219	1,089	5,392	587
1976.....	18,798	1	(z)	39	1,861	7,024	1,378	1,246	6,509	740
1977 <sup>4</sup> .....	23,063	(z)	(z)	45	2,401	9,616	1,900	617	7,447	1,037
1978.....	19,529	(z)	(z)	35	2,001	8,421	1,686	592	6,902	852
1979.....	20,276	(z)	(z)	35	2,096	9,140	1,830	545	5,555	1,075
1980.....	21,239	(z)	(z)	36	2,063	9,841	2,044	614	5,483	1,298
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	2,566	568	6,085	1,966
1983.....	25,914	(z)	(z)	16	1,543	12,024	2,753	( <sup>5</sup> )	6,291	* 3,287
1984.....	28,280	(z)	(z)	14	2,212	14,098	2,685	( <sup>5</sup> )	6,369	* 2,902
1985.....	27,540	1	(z)	15	1,288	12,539	3,084	( <sup>5</sup> )	6,446	* 4,167
1986.....	28,900	2	(z)	13	1,245	12,652	3,191	( <sup>5</sup> )	7,222	* 4,575

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

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

**NO. 548. VETERANS COMPENSATION AND PENSION BENEFITS—NUMBER ON ROLLS AND AVERAGE PAYMENT, BY PERIOD OF SERVICE AND STATUS: 1980 TO 1986**

[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 988-999]

PERIOD OF SERVICE AND VETERAN STATUS	VETERANS ON ROLLS (1,000)						AVERAGE PAYMENT (annual basis) <sup>1</sup>					
	1980	1982	1983	1984	1985	1986	1980	1982	1983	1984	1985	1986
<b>Total.....</b>	<b>4,646</b>	<b>4,407</b>	<b>4,286</b>	<b>4,123</b>	<b>4,006</b>	<b>3,899</b>	<b>\$2,370</b>	<b>\$2,981</b>	<b>\$3,197</b>	<b>\$3,335</b>	<b>\$3,505</b>	<b>\$3,647</b>
Living veterans.....	3,195	3,099	3,044	2,980	2,931	2,883	2,600	3,244	3,450	3,534	3,666	3,720
Service connected.....	2,273	2,275	2,263	2,251	2,240	2,225	2,669	3,939	3,538	3,573	3,692	3,756
Nonservice connected.....	922	824	781	730	690	658	2,428	2,828	3,193	3,416	3,581	3,600
Deceased veterans.....	1,451	1,308	1,242	1,143	1,075	1,016	1,863	2,356	2,576	2,813	3,068	3,288
Service connected.....	358	350	346	342	336	331	3,631	4,859	5,276	5,471	5,836	6,144
Nonservice connected.....	1,093	957	896	801	739	685	1,228	1,440	1,533	1,680	1,809	1,908
Prior to World War I.....	14	11	9	8	7	6	1,432	1,624	1,685	1,777	1,855	1,908
Living.....	(z)	(z)	(z)	(z)	(z)	(z)	2,634	3,183	3,440	4,031	4,436	5,388
Deceased.....	14	1	9	8	7	6	1,403	1,596	1,658	1,749	1,822	1,872
World War I.....	692	571	515	495	381	334	1,693	1,981	2,077	2,276	2,481	2,532
Living.....	198	139	114	87	68	53	2,669	3,336	3,566	4,009	4,439	4,476
Deceased.....	494	432	401	348	313	281	1,288	1,547	1,653	1,841	2,029	2,160
World War II.....	2,520	2,353	2,273	2,180	2,097	2,020	2,307	2,866	3,061	3,172	3,317	3,408
Living.....	1,849	1,745	1,691	1,631	1,575	1,518	2,462	3,057	3,246	3,331	3,460	3,504
Deceased.....	671	608	582	549	522	502	1,880	2,321	2,523	2,697	2,888	3,096
Korean conflict <sup>2</sup> .....	446	428	419	407	399	395	2,691	3,466	3,742	3,918	4,114	4,248
Living.....	317	315	313	311	309	308	2,977	3,764	4,013	4,119	4,260	4,344
Deceased.....	129	113	105	96	90	87	1,990	2,630	2,933	3,265	3,615	3,912
Peacetime.....	312	353	370	387	404	419	3,080	3,729	3,901	3,895	3,978	3,996
Living.....	262	302	319	335	352	367	2,828	3,398	3,548	3,529	3,589	3,688
Deceased.....	50	51	51	52	52	52	1,252	1,697	1,118	6,265	6,577	6,468
Vietnam era <sup>3</sup> .....	662	691	700	707	716	726	2,795	3,532	3,783	3,864	4,021	4,128
Living.....	569	598	607	616	628	637	2,709	3,417	3,654	3,714	3,849	3,936
Deceased.....	93	93	93	91	89	89	3,324	4,273	4,621	4,880	5,220	5,460

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

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

**NO. 549. VETERANS ADMINISTRATION HEALTH CARE SUMMARY: 1980 TO 1986**

[For years ending Sept. 30]

ITEM	Unit	1980	1985	1986	ITEM	Unit	1980	1985	1986
Facilities operating:					Radiology examinations.....	Million.....	5.7	5.4	5.5
Hospitals.....	Number.....	172	172	172	Inpatients treated <sup>3</sup> .....	1,000.....	1,359	1,435	1,462
Domiciliaries.....	Number.....	16	16	16	VA facilities.....	1,000.....	1,275	1,339	1,365
Outpatient clinics.....	Number.....	226	226	228	Other facilities.....	1,000.....	84	96	97
Nursing home units.....	Number.....	92	115	117	Average daily inpatients <sup>4</sup> .....	1,000.....	105	100	99
Employment <sup>1</sup> .....	1,000.....	194	203	200	VA facilities.....	1,000.....	84	75	73
Obligations <sup>2</sup> .....	Mil. dol.....	6,215	9,258	9,544	Other facilities.....	1,000.....	21	25	26
Medical care.....	Mil. dol.....	5,972	8,936	9,275	Outpatient medical visits.....	Million.....	18.0	19.6	20.2
Research in health care.....	Mil. dol.....	198	227	186	VA staff.....	Million.....	15.8	17.8	18.5
Prescriptions dispensed.....	Million.....	36.7	48.1	52.1	Fee-basis.....	Million.....	2.2	1.8	1.7
Laboratory procedures.....	Million.....	215	173	183					

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

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

**NO. 550. VETERANS ASSISTANCE TO PERSONS IN EDUCATION AND TRAINING PROGRAMS: 1975 TO 1986**

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

PROGRAM	1975	1979	1980	1981	1982	1983	1984	1985	1986
Post-Korea Education Assistance <sup>1</sup> .....	2,692	1,279	1,107	949	778	644	528	402	308
Institutions of higher education.....	1,693	968	842	736	620	517	421	326	257
Resident schools other than college.....	420	175	149	122	98	88	78	54	35
Correspondence schools.....	387	51	42	35	21	13	10	7	6
On-the-job training.....	192	84	74	55	38	25	19	15	9
Children's Educational Assistance.....	71.4	85.7	82.6	82.8	80.3	70.9	63.6	55.3	48.4
Institutions of higher education.....	64.7	77.9	75.5	74.6	72.1	63.7	57.1	50.0	43.9
Schools other than college.....	6.3	7.2	6.5	7.5	7.8	7.0	6.2	5.2	4.3
Special restorative training.....	.1	.1	.1	.1	(z)	(z)	.1	(z)	(z)
On-the-job training.....	.4	.5	.5	.4	.3	.2	.2	.2	.1
Spouses, Widows/Widowers Educational Assistance Program.....	16.5	17.3	13.0	11.9	10.6	8.8	7.6	6.6	5.9
Institutions of higher education.....	12.2	14.0	10.8	10.1	9.0	7.5	6.5	5.7	5.0
Schools other than college.....	4.3	3.2	2.2	1.8	1.6	1.3	1.1	1.0	.9
On-the-job training <sup>2</sup> .....	.1	(z)	(z)	(z)	(z)	(z)	(z)	(z)	(z)
Vocational Rehabilitation Program for Disabled Veterans.....	<sup>3</sup> 24.8	29.5	25.5	29.8	30.9	30.6	29.0	26.9	25.8
Institutions of higher education.....	18.5	21.7	18.9	21.7	22.1	21.9	(NA)	(NA)	(NA)
Schools other than college.....	4.9	6.5	5.6	7.0	7.5	7.5	(NA)	(NA)	(NA)
On-the-job training.....	1.3	1.1	1.0	1.0	.9	.8	(NA)	(NA)	(NA)
Institutional on-farm.....	.2	.1	.1	.1	.1	.1	(NA)	(NA)	(NA)

NA, Not available. Z Fewer than 50. <sup>1</sup> Includes some Post-Vietnam veterans. <sup>2</sup> Includes special restorative training.  
<sup>3</sup> Estimated.

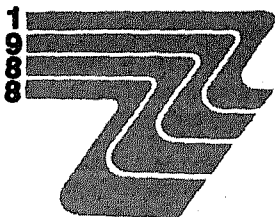
Source: U.S. Veterans Administration, *Annual Report of Administrator of Veterans Affairs*, and unpublished data.

**NO. 551. VETERANS GUARANTEED AND INSURED LOANS: 1970 TO 1986**

[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	1979	1980	1981	1982	1983	1984	1985	1986
Number of loans.....	1,000.....	186.2	290.2	384.8	297.4	187.6	103.4	245.1	251.6	178.9	313.8
Home.....	1,000.....	186.2	288.2	357.8	289.2	178.2	92.9	231.6	238.5	170.0	307.4
Amount of loans.....	Mil. dol.....	3,683	8,091	16,043	14,815	10,008	5,542	14,670	15,612	11,452	21,986
Home.....	Mil. dol.....	3,682	8,072	16,926	14,653	9,822	5,332	14,389	15,333	11,263	21,833
Guaranty and insurance.....	Mil. dol.....	1,971	3,702	7,342	6,370	4,248	2,292	5,736	6,034	4,363	7,896
Home.....	Mil. dol.....	1,971	3,096	7,284	6,289	4,155	2,187	5,596	5,895	4,269	7,830

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



## 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 and railroad 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 563). 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.

**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.

**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 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.

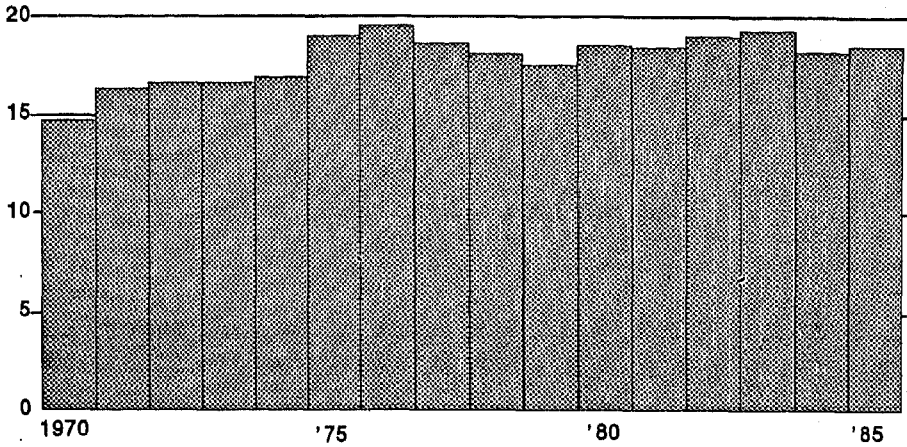
**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix IV.

**Statistics for States and metropolitan statistical areas (MSAs).**—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986*. For cross-references, see Appendix V.

Figure 12.1

### Social Welfare Expenditures Under Public Programs as Percent of Gross National Product: 1970 to 1985

Percent  
25



Source: Chart prepared by U.S. Bureau of the Census. For data see table 554.

Figure 12.2

### Social Security—Average Monthly Benefit Payments to Retired Workers: 1970 to 1986

Dollars

600

540

480

420

360

300

240

180

120

60

0

CURRENT DOLLARS

1970 1975 1980 1986

CONSTANT (1986) DOLLARS

1970 1975 1980 1986

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

## NO. 552. SOCIAL WELFARE EXPENDITURES UNDER PUBLIC PROGRAMS: 1960 TO 1985

[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 553 for program detail. For explanation of annual percent change, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series H 1-47, for related but not comparable data]

YEAR	SOCIAL WELFARE OUTLAYS			Social insurance	Public aid	Health and medical programs <sup>1</sup>	Veterans programs	Education	Housing	Other social welfare	All health and medical care <sup>2</sup>
	Total	Annual percent change	Percent from non-trust funds								
TOTAL											
1960.....	52,293	<sup>a</sup> 9.9	65.5	19,307	4,101	4,464	5,479	17,626	177	1,139	6,385
1970.....	145,856	10.8	64.8	54,691	16,488	9,907	9,078	50,845	701	4,145	25,391
1975.....	290,084	14.7	60.9	123,013	41,308	17,788	17,019	80,834	3,172	6,947	52,348
1979.....	430,280	10.4	58.0	194,288	64,662	24,899	20,602	109,262	5,493	11,076	86,757
1980.....	492,797	14.5	56.8	229,754	71,799	27,919	21,466	121,050	7,210	13,599	100,563
1981.....	550,324	11.7	54.9	267,395	82,424	30,203	23,441	128,145	6,734	11,983	116,317
1982.....	594,785	8.1	49.8	302,615	80,852	33,127	24,708	133,874	7,954	11,654	130,779
1983.....	642,077	8.0	49.1	331,058	85,830	35,976	25,826	141,813	9,090	12,484	143,128
1984, prel.....	671,972	4.7	49.5	342,284	89,871	37,884	26,127	152,025	10,374	13,445	155,092
1985, prel.....	729,117	8.5	(NA)	372,583	95,965	41,680	27,171	165,893	11,878	13,946	174,963
FEDERAL											
1960.....	24,957	<sup>a</sup> 11.3	45.9	14,307	2,117	1,737	5,367	868	144	417	2,918
1970.....	77,337	12.0	45.1	45,246	9,649	4,775	8,952	5,876	582	2,259	16,600
1975.....	167,426	16.7	45.9	99,715	27,186	8,521	16,570	8,629	2,541	4,264	34,100
1979.....	263,037	12.0	42.7	163,879	43,722	11,398	20,412	12,108	5,069	6,449	58,696
1980.....	302,616	15.0	42.4	191,162	48,666	12,688	21,254	13,452	6,608	8,786	68,786
1981.....	344,108	13.7	40.3	224,574	55,946	13,638	23,229	13,372	6,045	7,304	80,547
1982.....	367,699	6.7	36.8	250,551	52,485	14,607	24,463	11,917	7,176	6,500	90,785
1983.....	398,792	8.5	36.0	274,212	55,895	15,594	25,561	12,397	8,087	7,046	100,274
1984, prel.....	419,264	5.1	35.4	289,894	57,666	16,496	25,822	12,979	9,068	7,349	105,902
1985, prel.....	451,241	7.6	(NA)	313,107	61,173	18,500	26,833	13,740	10,339	7,549	123,634
STATE AND LOCAL											
1960.....	27,337	<sup>a</sup> 8.7	84.9	4,989	1,984	2,727	112	16,758	33	723	3,478
1970.....	68,519	9.6	88.9	9,446	6,839	5,132	127	44,970	120	1,886	8,791
1975.....	122,654	12.4	83.0	23,298	14,122	9,267	449	72,205	631	2,663	18,248
1979.....	167,243	8.1	84.8	30,408	20,940	13,500	190	97,154	424	4,628	28,061
1980.....	190,190	13.7	82.6	36,592	23,133	15,231	212	107,597	601	4,813	31,777
1981.....	206,216	8.4	82.2	42,821	26,477	16,565	212	114,773	688	4,679	35,769
1982.....	227,085	10.1	70.9	52,063	28,367	18,520	245	121,957	778	5,154	39,993
1983.....	243,285	7.1	70.6	56,846	29,935	20,382	265	129,416	1,003	5,438	42,854
1984, prel.....	252,707	3.4	72.9	52,381	32,206	21,368	305	139,046	1,306	6,096	46,490
1985, prel.....	277,878	10.0	(NA)	59,477	34,792	23,180	338	152,153	1,540	6,398	51,329
PERCENT OF TOTAL EXPENDITURES, BY TYPE											
1960.....	100.0	(X)	(X)	36.9	7.8	8.5	10.5	33.7	.3	2.2	12.2
1970.....	100.0	(X)	(X)	37.5	11.3	6.8	6.2	34.9	.5	2.8	17.4
1975.....	100.0	(X)	(X)	42.4	14.2	6.1	5.9	27.9	1.1	2.4	18.0
1980.....	100.0	(X)	(X)	46.6	14.6	5.7	4.4	24.5	1.5	2.8	20.5
1985, prel.....	100.0	(X)	(X)	51.1	13.2	5.7	3.7	22.8	1.6	1.9	24.0
PERCENT FEDERAL OF TOTAL											
1960.....	47.7	(X)	(X)	74.1	51.6	38.9	98.0	4.9	81.4	36.6	45.6
1970.....	53.0	(X)	(X)	82.7	56.5	49.2	96.6	11.6	83.0	54.5	65.4
1975.....	57.7	(X)	(X)	81.1	65.8	47.9	97.4	10.7	80.1	61.4	65.1
1980.....	61.4	(X)	(X)	83.2	67.9	44.9	99.0	11.1	91.7	64.6	68.1
1985, prel.....	61.9	(X)	(X)	84.0	63.7	44.4	98.8	8.3	87.0	54.1	70.7
PER CAPITA (Current dollars) <sup>4</sup>											
1960.....	285	<sup>a</sup> 7.9	(X)	105	22	24	30	96	2	6	35
1970.....	701	8.4	(X)	262	79	48	43	245	4	20	122
1975.....	1,326	13.6	(X)	581	189	82	77	370	15	32	240
1980.....	2,138	10.0	(X)	995	312	121	92	526	33	59	437
1985, prel.....	2,996	7.0	(X)	1,528	395	172	111	683	49	57	720
PER CAPITA (Constant (1985) dollars) <sup>4 5</sup>											
1960.....	969	<sup>a</sup> 5.6	(X)	357	75	82	102	326	7	20	119
1970.....	1,828	6.6	(X)	683	206	125	112	639	10	52	318
1975.....	2,506	6.5	(X)	1,060	357	155	146	699	28	60	453
1980.....	2,763	2.6	(X)	1,286	403	156	119	680	43	76	565
1985, prel.....	2,996	1.0	(X)	1,528	395	172	111	683	49	57	720

NA Not available. X Not applicable. <sup>1</sup> Excludes program parts of social insurance, public aid, veterans, and other social welfare. <sup>2</sup> Combines "Health and medical programs" with medical services included in social insurance, public aid, veterans, vocational rehabilitation, and antipoverty programs. <sup>3</sup> Change from 1955. <sup>4</sup> Excludes payments within foreign countries for education, veterans, OASDHI, and civil service retirement. <sup>5</sup> Constant dollar figures are based on implicit price deflators for personal consumption expenditures published by U.S. Bureau of Economic Analysis; see table 732.

Source: U.S. Social Security Administration, *Social Security Bulletin*, June 1987, and earlier and forthcoming issues.

**NO. 553. SOCIAL WELFARE EXPENDITURES, BY SOURCE OF FUNDS AND PUBLIC PROGRAM:  
1980 TO 1985**

(In millions of dollars. See headnote, table 552, and *Historical Statistics, Colonial Times to 1970*, series H 1-47, for related but not comparable data)

PROGRAM	1980		1983		1984, prel.		1985, prel.	
	Federal	State and local	Federal	State and local	Federal	State and local	Federal	State and local
<b>Total</b> .....	<b>302,616</b>	<b>190,180</b>	<b>398,792</b>	<b>243,285</b>	<b>419,264</b>	<b>252,707</b>	<b>451,241</b>	<b>277,979</b>
<b>Social Insurance</b> .....	<b>191,162</b>	<b>38,592</b>	<b>274,212</b>	<b>58,846</b>	<b>289,884</b>	<b>52,381</b>	<b>313,107</b>	<b>59,477</b>
Old-age, survivors, disability, health Health insurance (Medicare).....	152,110 34,992	(X) (X)	224,709 58,930	(X) (X)	239,395 62,481	(X) (X)	280,468 72,194	(X) (X)
Public employee retirement <sup>1</sup> .....	26,983	12,607	36,920	17,914	38,587	20,300	40,503	22,540
Railroad employee retirement.....	4,789	(X)	6,082	(X)	6,144	(X)	6,275	(X)
Unemployment insurance and employment services <sup>2</sup> .....	4,408	13,919	3,144	22,206	2,529	13,575	2,604	15,740
Other railroad employee insurance <sup>3</sup> .....	224	(X)	448	(X)	230	(X)	189	(X)
State temporary disability insurance <sup>4</sup> .....	(X)	1,377	(X)	1,767	(X)	1,821	(X)	2,000
Workers' compensation <sup>5</sup> .....	2,668	10,789	2,909	14,959	2,999	16,684	3,067	19,197
Hospital and medical benefits.....	130	3,596	264	4,818	282	5,729	2,880	6,800
<b>Public aid</b> .....	<b>48,686</b>	<b>23,133</b>	<b>55,895</b>	<b>29,935</b>	<b>57,666</b>	<b>32,206</b>	<b>61,173</b>	<b>34,792</b>
Public assistance <sup>6</sup> .....	29,542	21,346	28,796	27,824	30,838	30,162	33,523	32,557
Medical vendor payments (Medicaid) <sup>7</sup> .....	14,550	12,844	18,828	17,499	20,212	19,251	22,650	21,261
Social services.....	1,757	586	1,881	627	2,092	697	2,057	686
Supplemental security income.....	6,440	1,787	8,683	2,111	9,094	2,043	9,605	2,235
Food stamps.....	9,083	(X)	11,727	(X)	11,561	(X)	11,701	(X)
Other <sup>8</sup> .....	9,601	(X)	6,689	(X)	6,173	(X)	6,344	(X)
<b>Health and medical programs</b> .....	<b>12,688</b>	<b>15,231</b>	<b>15,594</b>	<b>20,382</b>	<b>16,496</b>	<b>21,368</b>	<b>18,500</b>	<b>23,180</b>
Hospital and medical care.....	6,451	6,042	6,737	7,781	9,082	8,259	9,700	9,000
Civilian programs.....	2,391	6,042	2,854	7,781	2,392	8,259	(NA)	9,000
Defense Department <sup>9</sup> .....	4,060	(X)	6,483	(X)	6,650	(X)	(NA)	(X)
Maternal and child health programs.....	351	519	428	672	352	679	400	700
Medical research.....	4,414	422	4,984	583	5,497	608	6,200	600
Medical facilities construction.....	223	1,954	164	1,890	212	1,830	800	1,800
Other.....	1,250	6,294	1,281	9,416	1,354	9,894	1,400	11,080
<b>Veterans programs</b> .....	<b>21,254</b>	<b>212</b>	<b>25,561</b>	<b>265</b>	<b>25,822</b>	<b>305</b>	<b>26,633</b>	<b>338</b>
Pensions and compensation.....	11,306	(X)	13,895	(X)	13,949	(X)	14,256	(X)
Health and medical programs.....	6,204	(X)	6,388	(X)	6,855	(X)	6,713	(X)
Hospital and medical care.....	5,750	(X)	5,763	(X)	6,141	(X)	6,906	(X)
Hospital construction.....	323	(X)	474	(X)	527	(X)	593	(X)
Medical and prosthetic research.....	131	(X)	152	(X)	186	(X)	215	(X)
Education.....	2,401	(X)	1,708	(X)	1,413	(X)	1,188	(X)
Life insurance <sup>10</sup> .....	665	(X)	744	(X)	746	(X)	798	(X)
Welfare and other.....	679	212	827	265	860	305	900	338
<b>Education</b> .....	<b>11 13,452</b>	<b>107,597</b>	<b>11 12,397</b>	<b>129,416</b>	<b>11 12,979</b>	<b>139,046</b>	<b>11 13,740</b>	<b>152,153</b>
Elementary and secondary.....	7,430	79,720	6,140	96,511	6,650	103,359	7,268	113,474
Construction <sup>12</sup> .....	41	6,483	77	7,112	28	7,230	29	8,335
Higher.....	4,468	21,708	5,052	25,416	5,028	27,616	5,102	30,343
Construction.....	42	1,488	85	1,974	35	2,236	32	2,685
Vocational and adult <sup>13</sup> .....	1,207	6,169	898	7,468	1,046	8,072	1,087	8,335
<b>Housing</b> .....	<b>6,608</b>	<b>601</b>	<b>8,087</b>	<b>1,003</b>	<b>8,068</b>	<b>1,306</b>	<b>10,339</b>	<b>1,540</b>
<b>Other social welfare</b> .....	<b>8,786</b>	<b>4,813</b>	<b>7,046</b>	<b>5,438</b>	<b>7,349</b>	<b>6,096</b>	<b>7,549</b>	<b>6,398</b>
Vocational rehabilitation.....	1,006	245	1,008	328	1,109	338	1,187	350
Medical services and research.....	237	56	269	100	277	83	297	88
Institutional care <sup>14</sup> .....	74	408	107	553	116	753	121	653
Child nutrition <sup>14</sup> .....	4,209	643	4,099	882	4,270	928	4,349	980
Child welfare <sup>15</sup> .....	57	743	160	(NA)	165	(NA)	200	(NA)
Special CSA and ACTION programs <sup>16</sup> .....	2,303	(X)	475	(X)	479	(X)	504	(X)
Welfare, not elsewhere classified <sup>17</sup> .....	1,137	2,774	1,197	3,677	1,207	4,076	1,188	4,435

NA Not available. X Not applicable. <sup>1</sup> Excludes refunds to those leaving service. Federal data include military retirement. <sup>2</sup> Includes compensation for Federal employees and ex-servicemen, trade adjustment and cash training allowance, and payments under extended, emergency, disaster, and special unemployment insurance programs. <sup>3</sup> Unemployment and temporary disability insurance. <sup>4</sup> Cash and medical benefits in 5 areas. Includes private plans where applicable. <sup>5</sup> Benefits paid by private insurance carriers, State funds, and self-insurers. Federal includes black lung benefit programs. <sup>6</sup> Includes payments under State general assistance programs and work incentive activities, not shown separately. <sup>7</sup> Medical vendor payments are those made directly to suppliers of medical care. <sup>8</sup> Refugee assistance, surplus food for the needy, and work-experience training programs under the Comprehensive Employment and Training Act. Beginning 1983, includes low-income energy assistance program. <sup>9</sup> Includes medical care for military dependent families. <sup>10</sup> Excludes servicemen's group life insurance. <sup>11</sup> Includes Federal expenditures for administrative costs (Department of Education). <sup>12</sup> Excludes servicemen's group life insurance. <sup>13</sup> Construction costs of vocational and adult education programs included under elementary-secondary expenditures. <sup>14</sup> Federal expenditures represent primarily surplus foods for nonprofit institutions. <sup>15</sup> Represents primarily child welfare services under title V of the Social Security Act. <sup>16</sup> Includes domestic volunteer programs under ACTION and community action and migrant workers programs under Community Services Administration. <sup>17</sup> Federal expenditures include administrative expenses of the Secretary of Health and Human Services; Indian welfare and guidance; and aging and juvenile delinquency activities. State and local include antipoverty and manpower programs, child care and adoption services, legal assistance, and other unspecified welfare services.

Source: U.S. Social Security Administration, *Social Security Bulletin*, June 1987, and forthcoming issue.

### NO. 554. SOCIAL WELFARE EXPENDITURES UNDER PUBLIC PROGRAMS AS PERCENT OF GNP AND TOTAL GOVERNMENT OUTLAYS: 1960 TO 1985

[See headnote, table 552. For explanation of annual percent change, see Guide to Tabular Presentation]

YEAR	TOTAL EXPENDITURES				FEDERAL				STATE AND LOCAL GOVERNMENT			
	Total (bil. dol.)	Annual percent change <sup>1</sup>	Percent of—		Total (bil. dol.)	Annual percent change	Percent of—		Total (bil. dol.)	Annual percent change <sup>1</sup>	Percent of—	
			Total GNP <sup>2</sup>	Total gov. outlays			Total GNP <sup>2</sup>	Total Federal outlays			Total GNP <sup>2</sup>	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	57.4	167.4	16.7	11.0	53.8	122.7	12.4	8.0	63.5
1980.....	492.6	11.2	18.5	56.5	302.6	12.6	11.3	54.3	190.2	9.2	7.1	61.0
1984, prel.....	672.0	8.1	18.2	52.8	419.3	8.5	11.3	50.2	252.7	7.4	6.8	58.9
1985, prel.....	729.1	8.5	18.5	52.9	451.2	7.6	11.4	47.7	277.9	10.0	7.0	64.2

<sup>1</sup> Change from prior year shown; for 1960, change from 1955. <sup>2</sup> Gross national product.

Source: U.S. Social Security Administration, *Social Security Bulletin*, June 1987 and forthcoming issue.

### NO. 555. PUBLIC INCOME-MAINTENANCE PROGRAMS—CASH BENEFIT PAYMENTS: 1970 TO 1986

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

PROGRAM	PAYMENTS (bil. dol.)										PERCENT		
	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986	1970	1980	1985
<b>Total<sup>1</sup></b> .....	<b>60.5</b>	<b>138.6</b>	<b>192.9</b>	<b>228.0</b>	<b>241.0</b>	<b>283.0</b>	<b>298.9</b>	<b>308.7</b>	<b>327.9</b>	<b>(NA)</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Percent of personal income <sup>2</sup> .....	7.3	10.6	9.5	10.1	9.6	10.6	10.5	10.0	9.4	(NA)	(X)	(X)	(X)
OASDI <sup>3</sup> .....	31.8	66.6	104.0	120.3	128.7	155.7	166.9	175.5	186.1	193.6	52.2	52.8	58.8
Public employee retirement <sup>4</sup> .....	9.2	21.3	35.1	40.6	46.4	51.4	55.0	58.6	63.4	(NA)	15.2	17.8	19.3
Railroad retirement.....	1.8	3.3	4.4	4.9	5.4	5.8	6.0	6.1	6.3	6.4	2.9	2.1	1.9
Veterans' pensions, compensation.....	5.5	7.7	10.6	11.4	12.5	13.3	13.7	13.8	14.1	14.2	9.1	5.0	4.3
Unemployment benefits <sup>5</sup> .....	4.2	18.3	10.3	18.9	13.7	21.1	19.2	13.6	14.4	16.0	7.0	9.3	4.5
Temporary disability benefits.....	.7	.9	1.2	1.4	1.6	1.6	1.6	1.8	1.9	1.9	1.2	.6	.6
Workers' compensation <sup>6</sup> .....	2.0	4.6	8.5	9.6	10.6	11.4	12.2	13.3	15.2	16.0	3.3	4.2	4.6
Public assistance <sup>7</sup> .....	4.9	8.3	10.7	12.1	13.2	13.0	13.9	14.6	15.3	16.1	8.0	5.3	4.7
Supplemental Security Income <sup>8</sup> .....	(X)	5.9	7.2	7.9	8.5	9.0	9.5	10.4	11.1	12.1	(X)	3.4	3.4

NA Not available. X Not applicable. <sup>1</sup> Includes lump sum death benefits, not shown separately. <sup>2</sup> For base data, see table 578. <sup>3</sup> Old-age, survivors, and disability insurance under Federal Social Security Act; see text, section 12.

<sup>4</sup> Excludes refunds of contributions to employees who leave service. <sup>5</sup> Beginning 1981, covers State unemployment insurance, Ex-Servicemen's Compensation Act and railroad unemployment insurance only. <sup>6</sup> Includes black lung benefits.

<sup>7</sup> Beginning 1975, Federal grants to States for aid to aged, blind, and disabled replaced by Supplemental Security Income program; see text, section 12.

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

### NO. 556. HOUSEHOLDS RECEIVING MEANS-TESTED NONCASH BENEFITS, 1980 TO 1985, AND BY POVERTY STATUS, 1985

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

TYPE OF BENEFIT RECEIVED	1980, total (1,000)	1982, total (1,000)	1983, total (1,000)	1984, total (1,000)	1985			
					Total	Below poverty level		Above poverty level (1,000)
						Number (1,000)	Percent distribution	
<b>Total households.....</b>	<b>82,368</b>	<b>83,918</b>	<b>85,407</b>	<b>86,789</b>	<b>88,458</b>	<b>11,995</b>	<b>100.0</b>	<b>76,463</b>
Not receiving noncash benefits.....	68,102	69,303	70,886	72,194	73,992	4,928	41.1	69,064
Not receiving cash public assistance.....	67,743	69,079	70,645	71,958	73,731	4,865	40.6	68,866
Receiving cash public assistance <sup>1</sup> .....	359	224	241	237	261	63	.5	197
Receiving at least one noncash benefit.....	14,265	14,615	14,521	14,594	14,466	7,067	58.9	7,399
Not receiving cash public assistance.....	7,860	8,441	8,123	7,973	7,860	2,917	24.3	4,943
Receiving cash public assistance <sup>1</sup> .....	6,407	6,174	6,398	6,621	6,607	4,151	34.6	2,456
<b>Total households receiving—</b>								
Food stamps.....	8,789	7,184	7,170	7,061	6,779	4,944	41.2	1,835
School lunch.....	5,532	5,634	5,646	5,637	5,752	2,974	24.8	2,778
Public housing.....	2,777	3,158	3,234	3,588	3,799	2,071	17.3	1,728
Medicaid.....	8,287	8,068	8,148	8,323	8,178	4,781	39.9	3,397

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

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



NO. 557. CASH AND NONCASH BENEFITS FOR PERSONS WITH LIMITED INCOME: 1980 TO 1986

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

PROGRAM	AVERAGE MONTHLY RECIPIENTS (1,000)			EXPENDITURES (mil. dol.)					
				Total <sup>1</sup>			Federal		
	1980	1985	1986	1980	1985	1986	1980	1985	1986
<b>Total</b> .....	(X)	(X)	(X)	<b>104,956</b>	<b>140,424</b>	<b>145,820</b>	<b>80,519</b>	<b>104,893</b>	<b>108,146</b>
Medical care <sup>2</sup> .....	(X)	(X)	(X)	32,241	48,297	51,870	19,237	27,548	29,898
Medicaid <sup>3</sup> .....	<sup>4</sup> 21,735	<sup>4</sup> 21,808	<sup>4</sup> 22,592	25,781	41,150	44,725	14,560	22,655	24,995
Veterans <sup>5</sup> .....	(NA)	<sup>6</sup> 245	<sup>6</sup> 245	<sup>7</sup> 3,349	<sup>7</sup> 3,053	<sup>7</sup> 3,183	<sup>7</sup> 3,349	<sup>7</sup> 3,053	<sup>7</sup> 3,183
General assistance.....	(NA)	(NA)	(NA)	<sup>7</sup> 1,610	<sup>7</sup> 1,949	<sup>7</sup> 1,950	-	-	-
Indian Health Services.....	<sup>8</sup> 829	<sup>8</sup> 831	<sup>8</sup> 987	549	862	821	549	862	821
Maternal and child health services.....	(NA)	(NA)	(NA)	326	763	681	214	478	389
Community health centers.....	<sup>8</sup> 5,000	<sup>8</sup> 5,200	<sup>8</sup> 5,350	325	383	396	325	383	396
Cash aid <sup>9</sup> .....	(X)	(X)	(X)	29,262	38,074	40,799	19,616	24,924	26,799
A.F.D.C. <sup>9</sup> .....	10,499	10,794	10,995	13,019	16,736	17,767	6,984	9,909	9,596
Supplemental Security Income <sup>9</sup> .....	4,160	4,305	4,449	8,435	11,857	12,820	<sup>10</sup> 6,395	<sup>10</sup> 9,603	<sup>10</sup> 10,307
Pensions for needy veterans <sup>11</sup> .....	<sup>12</sup> 3,076	<sup>12</sup> 1,489	<sup>12</sup> 1,387	3,585	3,442	3,674	3,585	3,442	3,674
General assistance.....	910	7,323	7,323	<sup>11</sup> 1,386	<sup>11</sup> 2,493	<sup>11</sup> 2,605	2,605	2,493	2,605
Earned income tax credit.....	<sup>7</sup> 21,200	<sup>7</sup> 16,500	<sup>7</sup> 16,930	2,033	1,500	2,049	2,033	1,500	2,049
Food benefits <sup>2</sup> .....	(X)	(X)	(X)	13,546	20,085	20,098	13,089	19,056	18,996
Food stamps <sup>3 14</sup> .....	21,700	21,400	20,800	9,576	13,470	13,468	9,195	12,599	12,528
School lunch program <sup>15</sup> .....	<sup>16</sup> 12,200	<sup>16</sup> 11,500	<sup>16</sup> 11,600	<sup>17</sup> 2,110	<sup>17</sup> 2,656	<sup>17</sup> 2,689	<sup>17</sup> 2,110	<sup>17</sup> 2,656	<sup>17</sup> 2,689
Women, infants and children <sup>18</sup> .....	1,980	3,139	3,318	772	1,500	1,579	772	1,500	1,579
Temporary emergency food assistance.....	(X)	(NA)	<sup>10</sup> 15,000	(X)	1,015	896	(X)	1,015	896
Nutrition program for elderly <sup>20</sup> .....	<sup>8</sup> 3,083	<sup>8</sup> 3,830	<sup>8</sup> 3,584	459	614	615	383	456	451
Housing benefits <sup>2</sup> .....	(X)	(X)	(X)	9,606	14,115	13,250	9,606	14,115	13,250
Lower-income housing asst. (Sec. 8).....	<sup>21</sup> 1,153	<sup>21</sup> 2,010	<sup>21</sup> 2,143	2,104	6,818	7,430	2,104	6,818	7,430
Low-rent public housing.....	<sup>21</sup> 1,192	<sup>21</sup> 1,355	<sup>21</sup> 1,380	2,185	3,408	2,882	2,185	3,408	2,882
Rural housing loans.....	<sup>22</sup> 82	<sup>22</sup> 41	<sup>22</sup> 26	<sup>23</sup> 2,887	<sup>23</sup> 1,790	<sup>23</sup> 1,155	<sup>23</sup> 2,887	<sup>23</sup> 1,790	<sup>23</sup> 1,155
Rural rental housing loans.....	<sup>22</sup> 33	<sup>22</sup> 26	<sup>22</sup> 21	<sup>23</sup> 881	<sup>23</sup> 903	<sup>23</sup> 852	<sup>23</sup> 881	<sup>23</sup> 903	<sup>23</sup> 852
Interest reduction payments.....	<sup>22</sup> 538	<sup>22</sup> 528	<sup>22</sup> 464	656	619	633	656	619	633
Education aid <sup>2</sup> .....	(X)	(X)	(X)	5,176	10,056	10,583	4,890	9,559	10,101
Pell grants.....	<sup>24</sup> 2,500	<sup>24</sup> 2,767	<sup>24</sup> 2,881	<sup>25</sup> 2,431	<sup>25</sup> 2,800	<sup>25</sup> 3,862	<sup>25</sup> 2,431	<sup>25</sup> 2,800	<sup>25</sup> 3,862
Guaranteed student loans <sup>26</sup> .....	(X)	<sup>24</sup> 3,477	<sup>24</sup> 3,242	(X)	<sup>27</sup> 3,889	<sup>27</sup> 3,295	(X)	<sup>27</sup> 3,889	<sup>27</sup> 3,295
Head Start.....	376	448	448	920	1,308	1,267	736	1,046	1,013
College Work-Study Program.....	<sup>24</sup> 766	<sup>24</sup> 737	<sup>24</sup> 870	<sup>25</sup> 495	<sup>25</sup> 555	<sup>25</sup> 593	<sup>26</sup> 485	<sup>26</sup> 555	<sup>26</sup> 593
Supplemental Educational Opportunity Grants.....	<sup>24</sup> 650	<sup>24</sup> 720	<sup>24</sup> 720	<sup>26</sup> 355	<sup>26</sup> 376	<sup>26</sup> 413	<sup>26</sup> 355	<sup>26</sup> 376	<sup>26</sup> 413
Jobs and training <sup>2</sup> .....	(X)	(X)	(X)	8,706	3,976	3,700	8,625	3,895	3,826
Employment and training services <sup>28</sup> .....	<sup>29</sup> 361	<sup>29</sup> 350	<sup>29</sup> 337	2,144	<sup>30</sup> 1,886	<sup>30</sup> 1,783	2,144	<sup>30</sup> 1,886	<sup>30</sup> 1,783
Summer youth employment program <sup>28</sup> .....	<sup>31</sup> 1,000	<sup>31</sup> 785	<sup>31</sup> 634	721	<sup>30</sup> 725	<sup>30</sup> 636	721	<sup>30</sup> 725	<sup>30</sup> 636
Job Corps <sup>28</sup> .....	<sup>29</sup> 36	<sup>29</sup> 41	<sup>29</sup> 41	470	<sup>30</sup> 617	<sup>30</sup> 613	470	<sup>30</sup> 617	<sup>30</sup> 613
Senior community service employment program.....	<sup>32</sup> 52	<sup>32</sup> 64	<sup>32</sup> 61	297	<sup>30</sup> 362	<sup>30</sup> 347	267	<sup>30</sup> 326	<sup>30</sup> 312
Work incentive program.....	<sup>33</sup> 1,037	<sup>33</sup> 1,013	<sup>33</sup> 870	408	287	254	365	267	211
Services <sup>2</sup> .....	(X)	(X)	(X)	4,598	3,551	3,389	3,735	3,551	3,389
Social services (Title 20) <sup>34</sup> .....	<sup>35</sup> 7,000	(NA)	(NA)	3,648	2,725	2,584	2,785	2,725	2,584
Community services block grant.....	(X)	(X)	(X)	<sup>36</sup> 557	372	354	<sup>36</sup> 557	372	354
Energy assistance <sup>2</sup> .....	(X)	(X)	(X)	1,721	2,270	2,131	1,721	2,245	2,087
Low-income energy assistance <sup>3</sup> .....	<sup>37</sup> 9,700	<sup>38</sup> 6,800	<sup>38</sup> 6,700	1,539	<sup>39</sup> 2,079	<sup>39</sup> 1,949	1,539	2,054	1,905

- Represents zero. NA Not available. X Not applicable. <sup>1</sup> Includes State and local government expenditures not shown separately. <sup>2</sup> Includes other programs not shown separately. <sup>3</sup> Expenditure data include administrative expenses. <sup>4</sup> Unduplicated annual number. <sup>5</sup> Medical care for veterans with a non-service-connected disability. <sup>6</sup> Estimated number of patients discharged from hospital during year. <sup>7</sup> Estimated. <sup>8</sup> Annual numbers. <sup>9</sup> Aid to Families with Dependent Children program. Excludes data for foster care program. <sup>10</sup> Excludes Federal sums spent for SSI (State supplements) to indochinese refugees. <sup>11</sup> Includes dependents and survivors. <sup>12</sup> Estimate as of June for 1980 and as of Sept. for other years. <sup>13</sup> Data for Alaska and Vermont were not reported. <sup>14</sup> Beginning 1985, includes Puerto Rico's nutritional assistance program, which replaced food stamp program there in July 1982. <sup>15</sup> Free and reduced-price segments. <sup>16</sup> Estimated daily average. <sup>17</sup> Includes estimate of commodity assistance. <sup>18</sup> Special supplemental food program for women, infants, and children. <sup>19</sup> Estimate. As of October. <sup>20</sup> No income test required but preference given to those with greatest need. <sup>21</sup> Units eligible for payment at end of year. <sup>22</sup> Represents total families or dwelling units during year. <sup>23</sup> Amount of loans obligated. <sup>24</sup> Total numbers for an award year ending July of year shown. <sup>25</sup> Appropriation available for school year beginning in fiscal year named. <sup>26</sup> Program had no income test in 1980. <sup>27</sup> Net obligations for school year beginning in fiscal year named. <sup>28</sup> Programs represent specific titles under the Job Training and Partnership Act. <sup>29</sup> Average number of jobs authorized. <sup>30</sup> Funds obligated. <sup>31</sup> Total participants (June-August). <sup>32</sup> Annual number of jobs authorized. <sup>33</sup> New registrants only. <sup>34</sup> Data are unavailable for non-Federal funds spent after FY 1981, when State funding requirements were repealed. <sup>35</sup> Estimate of annual number of primary recipients. <sup>36</sup> Predecessor programs under Community Services Administration. <sup>37</sup> Number of households aided during year. Includes all SSI households, which received special energy aid that year. Count includes some duplications. <sup>38</sup> Number of households that received heating aid, crisis intervention, or weatherization aid. Excludes households that received only cooling aid. <sup>39</sup> 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 1984-86," Report No. 87-759 EPW, September 1987 and previous reports.

NO. 558. SOCIAL INSURANCE AND RELATED PROGRAMS—CASH BENEFICIARIES AND BENEFITS, BY PROGRAM: 1980 TO 1985

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

PROGRAM	BENEFICIARIES <sup>1</sup> (1,000)					AMOUNT OF BENEFITS (mil. dol.)				
	1980	1982	1983	1984	1985	1980	1982	1983	1984	1985
<b>Total</b> .....	(x)	(x)	(x)	(x)	(x)	<b>207,797</b>	<b>261,238</b>	<b>275,108</b>	<b>282,979</b>	<b>301,726</b>
Percent of personal income.....	(x)	(x)	(x)	(x)	(x)	9.2	9.8	9.7	9.1	9.1
<b>Retirement</b> <sup>2</sup> .....	(x)	(x)	(x)	(x)	(x)	<b>113,252</b>	<b>149,075</b>	<b>161,327</b>	<b>173,419</b>	<b>186,786</b>
OASDHI.....	22,267	24,148	24,749	25,237	25,739	77,905	104,884	114,048	123,804	132,298
Public employee retirement.....	4,208	4,595	4,657	5,128	5,268	32,416	40,659	43,581	45,854	50,626
Federal civil service.....	913	989	1,015	1,057	1,080	10,227	13,113	14,003	14,399	15,261
Other Federal employee <sup>3</sup> .....	1,149	1,202	1,239	1,261	1,281	11,397	14,044	14,854	15,318	16,071
State and local government.....	2,146	2,404	2,403	2,809	2,907	10,792	13,501	14,724	16,137	19,293
Railroad retirement.....	589	584	580	592	586	2,931	3,531	3,698	3,762	3,862
<b>Disability</b> <sup>2,4</sup> .....	(x)	(x)	(x)	(x)	(x)	<b>39,659</b>	<b>46,679</b>	<b>48,063</b>	<b>50,133</b>	<b>53,129</b>
OASDHI.....	4,728	4,174	3,875	3,808	3,873	15,437	17,338	17,530	17,897	18,827
Public employee retirement.....	720	778	788	730	751	5,371	6,953	7,351	7,676	7,507
Federal civil service.....	355	384	395	363	374	2,885	3,702	3,913	4,061	4,311
Other Federal employee <sup>3</sup> .....	157	145	145	144	145	1,275	1,439	1,452	1,437	1,458
State and local government.....	208	250	246	223	232	1,211	1,811	1,987	2,178	2,738
Railroad retirement.....	95	92	89	87	85	564	668	674	681	696
Veterans Admin. programs <sup>5</sup> .....	3,194	3,088	3,030	2,985	2,933	8,602	10,203	10,489	10,578	10,748
Workers' compensation.....	(NA)	(NA)	(NA)	(NA)	(NA)	7,245	8,977	9,519	10,852	12,684
Black lung benefit program.....	252	147	134	172	156	1,077	916	870	823	796
<b>Temporary disability:</b>										
State insurance <sup>6</sup> .....	199	216	224	191	(NA)	1,300	1,568	1,580	1,584	1,844
Railroad insurance.....	14	14	13	11	11	63	56	50	42	47
<b>Survivor monthly benefits</b> .....	(x)	(x)	(x)	(x)	(x)	<b>34,986</b>	<b>43,641</b>	<b>45,615</b>	<b>44,971</b>	<b>46,231</b>
OASDHI.....	8,260	7,435	7,310	7,196	7,162	26,654	33,612	35,164	33,917	34,807
Public employee retirement.....	783	811	842	836	884	2,895	3,762	4,078	4,556	4,702
Federal civil service.....	439	485	503	490	517	1,930	2,468	2,677	3,011	3,119
Other Federal employee <sup>3</sup> .....	71	83	93	104	114	301	437	498	555	616
State and local government.....	253	243	246	242	253	664	857	903	990	968
Railroad retirement.....	330	324	310	322	311	1,372	1,644	1,671	1,679	1,702
Veterans Admin. programs <sup>5</sup> .....	1,465	1,300	1,227	1,157	1,082	2,755	3,113	3,192	3,230	3,310
Workers' compensation.....	(NA)	(NA)	(NA)	(NA)	(NA)	675	805	810	880	980
Black lung benefit program.....	158	208	200	151	148	635	705	700	710	730
<b>Lump-sum payments</b> .....	(x)	(x)	(x)	(x)	(x)	<b>964</b>	<b>770</b>	<b>823</b>	<b>812</b>	<b>819</b>
OASDHI.....	(x)	(x)	(x)	(x)	(x)	395	203	205	140	143
Public employee retirement.....	(x)	(x)	(x)	(x)	(x)	377	438	491	538	543
Federal civil service.....	(x)	(x)	(x)	(x)	(x)	23	37	34	37	7
Other Federal employee.....	(x)	(x)	(x)	(x)	(x)	3	4	5	6	7
State and local government.....	(x)	(x)	(x)	(x)	(x)	352	398	452	495	502
Railroad retirement.....	(x)	(x)	(x)	(x)	(x)	14	11	11	11	9
Veterans Admin. programs <sup>5</sup> .....	(x)	(x)	(x)	(x)	(x)	178	118	116	123	124
<b>Unemployment</b> .....	(x)	(x)	(x)	(x)	(x)	<b>18,935</b>	<b>21,072</b>	<b>19,281</b>	<b>13,643</b>	<b>14,761</b>
State unemployment insurance <sup>7</sup> .....	2,830	3,897	2,337	2,167	2,287	18,756	20,733	18,992	13,495	14,629
Railroad unemployment insurance.....	38	77	43	28	29	179	339	289	148	132

NA Not available. X Not applicable. <sup>1</sup> For old-age, survivors, disability, and health insurance, average monthly number; for public employee retirement systems, veterans programs, and the black lung benefit program, number on rolls June 30; for railroad retirement program, number on rolls as of September 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. For Federal programs under the Uniformed Services Contingency Option Act of 1953 and for State and local government retirement systems, number of survivor beneficiaries represents families. <sup>2</sup> Includes benefits to dependents where applicable.

<sup>3</sup> Benefits for career military personnel (those with 20 years' service) are paid by the U.S. Dept. of Defense and are included under "Other Federal employee". <sup>4</sup> Excludes payments for medical care. <sup>5</sup> Payable in CA, NJ, NY, RI, and PR under public and private plans. Data for beneficiaries in NJ not available. <sup>6</sup> Lump sums are for burial of deceased veterans. <sup>7</sup> Includes payments made by the States as agents of the Federal Government under the Federal employees' unemployment compensation program and under the Ex-Servicemen's Compensation Act of 1958, and payment under the extended unemployment insurance programs, the Trade Expansion Act of 1962, the Disaster Relief Act of 1970 and the Trade Act of 1974. Beginning 1982, 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. 559. ESTIMATED WORKERS UNDER SOCIAL INSURANCE PROGRAMS: 1960 TO 1986

[In millions, except percent. 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
<b>Total labor force</b> <sup>1 2</sup> .....	73.1	86.2	98.2	109.1	110.7	112.7	113.5	115.7	117.5	119.8
Paid civilian population .....	64.6	77.6	86.0	98.9	99.0	98.4	102.2	105.5	107.7	110.2
Wage and salary workers .....	55.3	70.8	78.7	90.2	90.4	89.5	93.0	98.4	98.5	100.8
Self-employed .....	9.3	6.9	7.7	8.7	8.5	8.9	8.2	9.1	9.2	9.4
Unpaid family workers .....	1.4	.8	.7	.6	.5	.5	.6	.5	.4	.4
Unemployed .....	4.5	2.6	7.3	7.4	8.0	11.6	9.0	8.0	7.7	7.5
Armed Forces <sup>2</sup> .....	2.5	3.4	2.2	2.1	2.2	2.2	1.7	1.7	1.7	1.7
<b>Civilian population covered by:</b>										
<b>Public retirement programs</b> .....	60.9	75.3	83.7	96.4	96.4	95.7	99.5	104.7	106.9	109.7
OASDHI <sup>3</sup> .....	55.4	69.2	77.0	89.3	89.5	88.9	92.7	97.5	99.7	102.5
Wage and salary workers .....	48.0	63.4	70.6	81.8	81.9	81.1	84.5	89.0	91.2	93.8
Percent of all wage and salary workers .....	86.8	89.5	89.7	90.7	90.6	90.6	90.9	92.3	92.6	93.1
Self-employed .....	7.4	5.8	6.4	7.5	7.6	7.8	8.2	8.5	8.5	8.7
Railroad retirement .....	.9	.6	.5	.5	.5	.4	.4	.4	.3	.3
Public employees retirement <sup>4</sup> .....	4.6	5.5	6.2	6.6	6.4	6.4	6.4	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	(NA)
Workers' compensation .....	44.6	59.0	68.8	79.1	79.8	77.8	80.9	84.5	87.0	(NA)
Temporary disability insurance .....	11.3	14.6	15.7	18.4	18.4	18.1	18.7	19.3	19.8	(NA)

NA Not available. <sup>1</sup> Data from U.S. Bureau of Labor Statistics and based on U.S. Bureau of the Census' Current Population Survey; see text, section 1, and Appendix III. <sup>2</sup> Excludes Armed Forces overseas beginning 1983.

<sup>3</sup> OASDHI=Old-age, survivors, disability, and health insurance. Excludes members of Armed Forces and railroad employees.

<sup>4</sup> Data represent yearly averages. Excludes State and local government employees covered by both OASDHI and their own retirement program.

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

No. 560. SELECTED SOCIAL INSURANCE PROGRAMS—ESTIMATED PAYROLLS OF COVERED EMPLOYMENT IN RELATION TO WAGES AND SALARIES: 1970 TO 1985

[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	1978	1979	1980	1981	1982	1983	1984	1985
Total earnings <sup>1</sup> .....	615	896	1,225	1,370	1,534	1,613	1,717	1,868	2,074	2,221
All wages and salaries <sup>1</sup> .....	549	806	1,106	1,238	1,357	1,493	1,586	1,698	1,837	1,966
Civilian .....	528	783	1,081	1,211	1,327	1,458	1,528	1,619	1,775	1,897
<b>Payrolls covered by:</b>										
Retirement programs <sup>2</sup> .....	528	783	1,082	1,207	1,326	1,451	1,531	1,614	1,767	2,029
OASDHI <sup>3 4</sup> .....	480	713	1,000	1,118	1,229	1,348	1,422	1,500	1,649	1,780
Railroad retirement <sup>5</sup> .....	6	8	11	12	13	13	12	12	13	13
Federal civil service .....	26	37	45	48	52	56	59	62	65	66
State and local government .....	53	87	109	118	131	142	154	166	178	190
Unemployment insurance <sup>6</sup> .....	389	653	1,055	1,134	1,243	1,367	1,503	1,582	1,731	1,940
Workers' compensation program <sup>6</sup> .....	437	672	922	1,041	1,136	1,247	1,301	1,362	1,516	1,618
Net earnings in self-employment covered by OASDHI .....	48	70	88	100	97	94	98	108	120	120
<b>Percent of civilian payrolls covered by—</b>										
OASDHI <sup>3 4</sup> .....	90.9	91.1	92.4	92.3	92.6	92.5	93.1	92.6	92.9	92.8
Railroad retirement <sup>5</sup> .....	1.2	1.1	1.0	1.0	1.0	.8	.7	.7	.7	.7
Federal civil service retirement .....	5.0	4.7	4.2	4.0	3.9	3.8	3.9	3.8	3.7	3.7
State and local government retirement .....	10.1	11.1	10.1	9.7	9.9	9.7	10.1	10.3	10.1	10.0
Unemployment insurance <sup>6</sup> .....	73.7	83.4	97.6	93.6	93.7	93.8	98.4	87.7	87.5	102.2
Workers' compensation programs <sup>6</sup> .....	82.8	85.8	85.3	84.6	86.7	85.6	85.1	85.4	85.4	85.3

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

<sup>4</sup> Includes Armed Forces in all areas. <sup>5</sup> Payrolls of employers insured with private carriers, State funds, or self-insured, and pay covered by Federal programs in all areas. <sup>6</sup> Percent computed after excluding Armed Forces payroll covered by OASDHI.

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

**NO. 561. SELECTED SOCIAL INSURANCE PROGRAMS—SOURCE OF FUNDS FROM CONTRIBUTIONS AND TRANSFERS: 1970 TO 1986**

(In millions of dollars)

PROGRAM AND SOURCE OF FUNDS	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
<b>Social Security trust funds:</b>										
Old-age and survivors insurance (OASI)										
Employer	14,489	27,184	42,288	49,731	58,972	59,105	63,935	78,110	83,882	90,261
Self-employed	14,204	26,947	41,898	49,436	58,656	58,918	63,791	73,991	83,400	89,796
Government <sup>1</sup>	1,564	2,684	3,733	4,289	4,999	5,649	5,049	6,632	7,720	8,755
Tax credits <sup>2</sup>	(X)	(X)	(X)	(X)	(X)	(X)	(X)	4,607	1,829	1,605
Taxation of benefits <sup>3</sup>	(X)	(X)	(X)	(X)	(X)	(X)	(X)	2,835	3,208	3,424
Disability insurance (DI)	4,497	7,534	15,232	13,385	16,906	22,169	19,112	16,135	18,430	18,637
Employer	2,154	3,562	7,257	6,307	8,074	10,597	8,379	7,536	8,119	8,703
Employee	2,117	3,630	7,186	6,254	8,035	10,574	8,339	7,134	8,087	8,658
Self-employed	210	352	671	694	629	824	830	741	778	856
Government <sup>1</sup>	16	90	118	130	168	174	1,565	92	1,048	31
Tax credits <sup>2</sup>	(X)	(X)	(X)	(X)	(X)	(X)	(X)	441	178	152
Taxation of benefits <sup>3</sup>	(X)	(X)	(X)	(X)	(X)	(X)	(X)	190	222	239
Hospital insurance (HI) <sup>4</sup>	5,820	12,316	21,883	24,982	34,157	35,976	41,283	43,571	48,035	55,648
Employer	2,379	5,578	10,115	11,691	16,087	16,791	18,187	20,368	22,613	25,986
Employee	2,332	5,530	10,024	11,518	16,015	16,734	18,128	20,356	22,549	25,879
Self-employed	169	395	629	739	856	1,081	949	1,381	1,970	2,308
Government <sup>1</sup>	874	670	908	871	900	1,015	3,639	899	47	657
Supplementary medical insurance (SMI) <sup>5</sup>										
Aged	2,189	4,566	9,384	10,466	15,013	15,981	19,097	22,221	23,863	23,524
Disabled	1,096	1,759	2,451	2,707	3,356	3,341	3,845	4,721	5,105	5,218
Government	(X)	158	267	304	366	356	391	445	508	504
Government	1,093	2,648	6,845	7,455	11,291	12,284	14,881	17,054	18,250	17,802
Railroad retirement <sup>6</sup>	998	1,506	2,508	2,630	2,627	3,304	3,604	4,803	4,966	4,811
Employer	510	1,146	1,664	1,722	1,817	2,036	2,014	2,379	2,417	2,413
Employee	439	356	531	594	684	858	849	1,022	1,110	1,120
Government <sup>1</sup>	19	4	313	313	126	410	741	1,068	1,099	873
Federal civil service	3,870	9,507	16,328	19,986	22,554	23,964	25,124	25,566	27,160	(NA)
Employer (Federal and DC govt.)	2,001	6,905	12,916	16,220	18,506	19,736	20,673	20,900	22,472	(NA)
Employee <sup>7</sup>	1,869	2,600	3,412	3,766	4,048	4,228	4,451	4,666	4,688	(NA)
State and local government <sup>8</sup>	7,895	14,560	22,702	25,854	27,896	30,782	32,990	34,309	(NA)	(NA)
Employer (government)	4,920	9,880	16,434	18,778	20,190	22,366	24,050	25,305	(NA)	(NA)
Employee	2,975	4,680	6,268	6,876	7,706	8,416	8,740	9,004	(NA)	(NA)

NA Not available. X Not applicable.

<sup>1</sup> Represents cost of gratuitous military service wage credits and, for OASI only, Federal payments for special age-72 benefits. For HI only, also includes transfers of appropriations for HI benefits of persons not insured for cash benefits under OASI, DI, or railroad retirement and, beginning 1979, transfers for Professional Standards Review Organization expenditures. Beginning 1983, includes taxes on deemed wage credits for military service performed after 1956. <sup>2</sup> See footnotes 4, 5, and 6, table 563.

<sup>3</sup> Revenues arising from application of income tax to up to half of the social security benefits of beneficiaries who have substantial amounts of other income. <sup>4</sup> Includes other sources not shown separately. <sup>5</sup> Includes premiums paid on behalf of eligibles by State governments under "buy-in" arrangements. <sup>6</sup> Excludes HI contributions and includes employer contributions to supplement benefit account. <sup>7</sup> Includes voluntary contributions to purchase additional annuity. <sup>8</sup> Estimated.

**NO. 562. SOCIAL SECURITY (OASDI)—COVERED EMPLOYMENT AND EARNINGS: 1960 TO 1986**

[Includes Puerto Rico and Virgin Islands and beginning 1970, 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	1960	1970	1975	1980	1981	1982	1983	1984	1985	1986
Living covered workers <sup>1</sup>	Million	107.4	133.5	145.2	159.0	161.5	163.4	165.8	167.6	169.5	171.4
With insured status <sup>2</sup>	Million	76.6	105.3	120.0	136.7	140.3	142.9	144.5	145.9	147.9	150.3
Male	Million	49.2	61.7	66.1	75.4	76.8	77.7	78.2	78.8	79.6	80.5
Female	Million	27.4	43.6	51.9	61.3	63.5	65.1	66.3	67.2	68.3	69.7
Under 25 years old	Million	1.8	1.7	2.1	2.5	2.5	2.5	2.4	2.3	2.2	2.1
25-34 years old	Million	16.4	27.2	28.5	34.8	36.4	37.3	38.0	38.6	39.3	40.1
35-44 years old	Million	17.4	19.0	19.1	22.4	23.1	24.4	25.9	27.2	28.6	29.9
45-54 years old	Million	14.4	19.2	19.4	18.7	18.6	18.6	18.6	18.8	19.0	19.3
55-61 years old	Million	7.0	10.5	11.6	12.6	12.7	12.8	12.8	12.7	12.6	12.6
62-64 years old	Million	2.3	3.7	4.2	4.6	4.7	4.8	4.9	5.0	5.1	5.2
65-69 years old	Million	3.8	5.0	5.9	6.8	6.8	7.0	7.0	7.1	7.3	7.4
70 years old and over	Million	4.6	8.0	9.7	11.7	12.0	12.6	13.0	13.4	13.8	14.2
Workers reported with—											
Taxable earnings <sup>3</sup>	Million	73	93	100	114	116	113	113	119	122	124
Maximum earnings <sup>3</sup>	Million	20	24	15	10	9	8	7	7	7	7
Earnings in covered employment	Bil. dol.	265	532	787	1,321	1,448	1,512	1,608	1,770	1,907	2,038
Reported taxable <sup>3</sup>	Bil. dol.	207	416	685	1,175	1,301	1,357	1,449	1,603	1,719	1,841
Percent of total	Percent	78.1	78.2	84.5	88.9	89.8	89.7	90.1	90.6	90.1	90.4
Average per worker:											
Total earnings	Dollar	3,656	5,711	7,854	11,558	12,521	13,431	14,183	14,926	15,653	16,357
Taxable earnings <sup>3</sup>	Dollar	2,854	4,464	6,834	10,282	11,250	12,048	12,776	13,522	14,113	14,791

<sup>1</sup> 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 OASI 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. <sup>2</sup> Fully insured for retirement and/or survivor benefits as of beginning of year. <sup>3</sup> Includes self-employment. See table 563 for maximum taxable earnings.

Source of tables 561 and 562: U.S. Social Security Administration, *Annual Statistical Supplement to the Social Security Bulletin*, and unpublished data.

### No. 563. 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)						Supplementary medical insurance, monthly rate (dol.)	EFFECT ON CONTRIBUTIONS OF CHANGES IN WAGE BASE AND/OR TAX RATE (bil. dol.)		
			Each employer and employee			Self-employed				Total	Wage base	Tax rate
			Total	OASDI	HI	Total	OASDI	HI				
<b>In effect:</b>												
1970	7,800	374	4.80	4.20	.60	6.90	6.30	.60	5.30	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
1975	14,100	825	5.85	4.95	.90	7.90	7.00	.90	6.70	1.4	1.4	( <sup>2</sup> )
1980	25,900	1,588	6.13	5.08	1.05	8.10	7.05	1.05	9.60	3.6	3.6	( <sup>2</sup> )
1981	29,700	1,975	6.65	5.35	1.30	9.30	8.00	1.30	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	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	( <sup>2</sup> )
1984	37,300	<sup>2</sup> 2,533	<sup>2</sup> 7.00	5.70	1.30	<sup>2</sup> 14.00	11.40	2.60	14.60	<sup>6</sup> 10.9	1.9	<sup>6</sup> 9.0
1985	39,600	2,792	7.05	5.70	1.35	<sup>2</sup> 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	<sup>2</sup> 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	<sup>2</sup> 14.30	11.40	2.90	17.90	2.2	2.2	( <sup>2</sup> )
1988	( <sup>1</sup> )	( <sup>1</sup> )	7.51	6.06	1.45	<sup>2</sup> 15.02	12.12	2.90	(NA)	(NA)	(NA)	(NA)
<b>Future schedule:</b>												
1989	( <sup>1</sup> )	( <sup>1</sup> )	7.51	6.06	1.45	<sup>2</sup> 15.02	12.12	2.90	(NA)	(NA)	(NA)	(NA)
1990	( <sup>1</sup> )	( <sup>1</sup> )	7.65	6.20	1.45	<sup>2</sup> 15.30	12.40	2.90	(NA)	(NA)	(NA)	(NA)

NA Not available. <sup>1</sup> Effective July 1. <sup>2</sup> No increase occurred. <sup>3</sup> Employee's maximum tax; see footnote 4. <sup>4</sup> Employee pays 6.7 percent. Employee's additional .3 percent is supplied from general revenues. <sup>5</sup> Self-employed pays 11.3 percent in 1984, 11.8 percent in 1985, 12.3 percent in 1986 and 1987, and 13.02 percent in 1988 and 1989. The additional amount is supplied from general revenues. <sup>6</sup> \$4.5 billion of this increase was offset by employee tax credit. <sup>7</sup> 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. 564. SOCIAL SECURITY TRUST FUNDS: 1970 TO 1986

[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	1981	1982	1983	1984	1985	1986
<b>Old-age and survivors insurance (OASI):</b>									
Net contribution income <sup>1</sup>	30,256	56,816	103,456	122,627	123,673	139,337	166,957	180,165	194,165
Transfers from general revenue <sup>2</sup>	449	425	540	675	680	5,541	105	2,203	1,060
Interest received <sup>3</sup>	1,515	2,364	1,845	2,060	845	6,706	2,566	1,871	3,688
Benefit payments <sup>4</sup>	28,798	58,517	105,083	<sup>5</sup> 123,803	<sup>6</sup> 136,806	149,221	157,841	167,248	178,813
Assets, end of year	32,454	36,987	22,823	21,490	<sup>6</sup> 22,088	<sup>6</sup> 19,672	<sup>6</sup> 27,117	<sup>6</sup> 35,642	<sup>6</sup> 39,091
Reserve ratio <sup>7</sup> (percent)	111	62	21	17	16	13	17	21	22
<b>Disability Insurance (DI):</b>									
Net contribution income <sup>1</sup>	4,481	7,444	13,255	16,738	21,995	17,991	16,135	17,413	18,837
Transfers from general revenue <sup>2</sup>	16	90	130	168	174	1,121	—	1,017	—
Interest received <sup>3</sup>	277	502	485	172	546	1,569	1,174	870	803
Benefit payments <sup>4</sup>	3,085	8,505	15,515	<sup>5</sup> 17,192	<sup>5</sup> 17,376	17,524	17,898	18,827	19,853
Assets, end of year	5,614	7,354	3,629	3,049	<sup>6</sup> 2,691	<sup>6</sup> 5,185	<sup>6</sup> 3,959	<sup>6</sup> 6,321	7,780
Reserve ratio <sup>7</sup> (percent)	174	84	23	17	15	29	21	33	38
<b>Hospital Insurance (HI):</b>									
Net contribution income <sup>1</sup>	4,881	11,509	23,866	32,981	34,610	38,169	42,468	47,617	54,626
Transfers from general revenue <sup>10</sup>	874	670	871	900	1,015	2,758	752	47	857
Interest received <sup>3</sup>	158	663	1,149	1,602	2,022	3,265	3,150	3,362	3,619
Benefit payments <sup>4</sup>	5,124	11,315	25,064	30,342	35,631	39,937	43,257	47,580	49,758
Assets, end of year	3,202	10,517	13,749	18,748	<sup>11</sup> 18,164	<sup>11</sup> 12,859	<sup>11</sup> 15,691	<sup>12</sup> 10,499	39,957
Reserve ratio <sup>7</sup> (percent)	61	91	54	61	23	32	36	42	79
<b>Supplementary Medical Insurance (SMI):</b>									
Net premium income	1,096	1,918	3,011	<sup>13</sup> 3,722	<sup>13</sup> 6,297	4,236	5,167	5,613	5,722
Transfers from general revenue	1,093	2,648	7,455	<sup>14</sup> 11,291	<sup>14</sup> 12,284	14,861	17,054	18,250	17,802
Interest received	12	106	408	362	599	725	959	1,243	1,141
Benefit payments	1,975	4,273	10,635	13,113	15,455	18,108	19,661	22,947	26,239
Assets, end of year	188	1,444	4,530	5,877	6,230	7,070	9,698	10,924	8,291
Reserve ratio <sup>7</sup> (percent)	8	30	40	42	38	37	47	46	30

— Represents zero. <sup>1</sup> Includes deposits by States and deductions for refund of estimated employee-tax overpayment. Beginning in 1983, includes government contributions on deemed wage credits for military service in 1957 and later. Beginning 1984 includes tax credits on wages paid in 1984 and net earnings from self-employment in 1984-86; and taxation of benefits.

<sup>2</sup> 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. <sup>3</sup> Beginning in 1983, includes interest on interfund borrowing, 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. <sup>4</sup> Includes payments for vocational rehabilitation services furnished to disabled persons receiving benefits because of their disabilities. Beginning in 1983, amounts reflect deductions for unnegotiated benefit checks. <sup>5</sup> Data adjusted to reflect 12 months of benefit payments. <sup>6</sup> Includes \$18 billion borrowed from the DI and HI Trust Funds. Repayments on Jan. 31, 1985, reduced such amounts to \$13.2 billion. <sup>7</sup> Assets at end of year as a percentage of benefit payments and administrative expenses during the year. <sup>8</sup> Excludes \$5 billion lent to the OASI Trust Fund. Repayment on Jan. 31, 1985, reduced the total to \$2.5 billion. <sup>9</sup> Beginning in 1975, includes premiums from aged ineligible enrollees in HI. <sup>10</sup> 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. <sup>11</sup> Excludes \$12 billion lent to the OASI Trust Fund. Repayment on Jan. 31, 1985, reduced the total to \$10.6 billion. <sup>12</sup> 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. 565. SOCIAL SECURITY (OASDI)—BENEFITS, BY TYPE OF BENEFICIARY: 1970 TO 1986

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

TYPE OF BENEFICIARY	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
BENEFITS IN CURRENT-PAYMENT STATUS <sup>1</sup> (end of year)										
<b>Number of benefits (1,000)</b> .....	<b>26,229</b>	<b>32,086</b>	<b>35,125</b>	<b>35,585</b>	<b>36,008</b>	<b>35,839</b>	<b>36,085</b>	<b>36,479</b>	<b>37,058</b>	<b>37,708</b>
Retired workers <sup>2</sup> (1,000).....	13,349	16,588	18,970	19,562	20,195	20,763	21,419	21,906	22,432	22,987
Disabled workers <sup>3</sup> (1,000).....	1,493	2,489	2,871	2,859	2,777	2,804	2,569	2,587	2,657	2,727
Wives and husbands <sup>4</sup> (1,000).....	2,952	3,320	3,467	3,477	3,459	3,405	3,947	3,355	3,375	3,388
Children (1,000).....	4,122	4,972	4,794	4,607	4,430	3,883	3,593	3,408	3,319	3,291
Under age 18.....	3,315	3,835	3,566	3,423	3,206	2,934	2,812	2,729	2,699	2,661
Disabled children <sup>5</sup> .....	271	362	435	450	463	472	488	506	526	545
Students <sup>6</sup> .....	537	774	793	733	761	476	293	173	94	84
Of retired workers.....	546	643	652	639	633	558	512	477	457	450
Of deceased workers.....	2,688	2,919	2,711	2,610	2,546	2,321	2,146	2,010	1,917	1,875
Of disabled workers.....	899	1,411	1,431	1,358	1,252	1,004	936	921	945	965
Widowed mothers <sup>7</sup> (1,000).....	523	582	574	562	548	515	400	382	372	350
Parents and widowers <sup>8</sup> (1,000).....	3,227	3,889	4,321	4,411	4,508	4,695	4,694	4,779	4,863	4,831
Special benefits <sup>9</sup> (1,000).....	29	21	16	15	14	12	11	10	10	7
Average monthly benefit, current dollars:	534	224	112	93	76	63	51	40	32	25
Retired workers <sup>2</sup> .....	118	207	294	341	386	419	441	461	479	488
Retired worker and wife <sup>2</sup> .....	199	344	489	567	(NA)	702	743	780	814	831
Disabled workers <sup>3</sup> .....	131	226	322	371	413	441	456	471	484	488
Wives and husbands <sup>4</sup> .....	59	100	141	164	186	203	217	227	236	241
Children of retired workers.....	45	77	119	140	161	165	176	186	198	204
Children of deceased workers.....	82	159	206	240	271	285	298	314	330	337
Children of disabled workers.....	39	62	95	110	123	128	136	139	142	141
Widowed mothers <sup>7</sup> .....	87	147	213	246	277	303	309	322	332	338
Widows and widowers, nondisabled <sup>2</sup> .....	102	194	270	311	349	379	396	415	433	444
Parents <sup>8</sup> .....	103	172	239	276	310	335	350	364	378	387
Special benefits <sup>9</sup> .....	45	69	92	105	116	125	129	134	138	140
Average monthly benefit, constant (1986) dollars: <sup>10</sup>										
Retired workers <sup>2</sup> .....	328	412	425	437	454	474	481	484	484	488
Retired worker and wife <sup>2</sup> .....	553	685	707	726	(NA)	795	811	820	823	831
Disabled workers <sup>3</sup> .....	364	450	465	475	486	499	498	495	489	488
Wives and husbands <sup>4</sup> .....	164	199	204	210	219	230	237	239	239	241
Children of deceased workers.....	228	277	298	307	319	329	325	330	335	337
Widowed mothers <sup>7</sup> .....	242	293	308	315	326	343	337	338	336	336
Widows and widowers, nondisabled <sup>2</sup> .....	284	386	390	398	410	429	432	436	438	444
BENEFITS AWARDED DURING YEAR (1,000)										
<b>Number of benefits</b> .....	<b>3,722</b>	<b>4,427</b>	<b>4,227</b>	<b>4,215</b>	<b>4,059</b>	<b>3,859</b>	<b>3,756</b>	<b>3,691</b>	<b>3,796</b>	<b>3,853</b>
Retired workers <sup>2</sup> .....	1,338	1,506	1,597	1,620	1,600	1,625	1,670	1,607	1,690	1,734
Disabled workers <sup>3</sup> .....	350	592	409	389	345	299	311	362	377	417
Wives and husbands <sup>4</sup> .....	436	498	471	469	437	430	436	425	440	441
Children.....	1,091	1,332	1,191	1,174	1,094	922	753	722	714	701
Widowed mothers <sup>7</sup> .....	112	116	110	108	100	87	82	74	72	69
Widows and widowers <sup>8</sup> .....	363	377	446	452	481	495	502	500	502	491
Parents <sup>8</sup> .....	2	1	1	1	1	1	(2)	(2)	(2)	(2)
Special benefits <sup>9</sup> .....	30	4	2	1	1	1	1	1	1	(2)
BENEFIT PAYMENTS DURING YEAR (mil. dol.)										
<b>Total amount</b> <sup>11</sup> .....	<b>31,863</b>	<b>66,923</b>	<b>104,263</b>	<b>120,472</b>	<b>140,995</b>	<b>156,137</b>	<b>167,033</b>	<b>175,762</b>	<b>186,195</b>	<b>196,692</b>
Monthly benefits <sup>12</sup> .....	31,570	66,586	103,923	120,118	140,662	155,934	166,827	175,551	185,988	196,489
Retired workers <sup>2</sup> .....	18,437	38,078	60,379	70,359	83,614	95,123	103,578	109,957	116,823	123,584
Disabled workers <sup>3</sup> .....	2,448	6,908	11,333	12,617	14,379	14,810	15,196	15,623	16,483	17,409
Wives and husbands <sup>4</sup> .....	2,194	4,104	6,135	7,043	8,228	9,191	9,934	10,396	11,061	11,700
Children.....	3,517	6,643	9,416	10,514	11,764	11,302	10,782	10,651	10,710	10,899
Under age 18.....	2,701	4,823	6,682	7,374	8,068	8,312	8,330	8,401	8,502	8,687
Disabled children <sup>5</sup> .....	250	537	892	1,048	1,236	1,387	1,497	1,621	1,760	1,961
Students <sup>6</sup> .....	566	1,283	1,842	2,093	2,461	1,602	955	629	447	251
Of retired workers.....	303	634	1,014	1,142	1,321	1,223	1,143	1,135	1,140	1,166
Of deceased workers.....	2,760	4,868	6,603	7,389	8,307	8,204	7,911	7,775	7,762	7,843
Of disabled workers.....	454	1,121	1,794	1,892	2,136	1,875	1,728	1,741	1,809	1,890
Widowed mothers <sup>7</sup> .....	574	1,009	1,409	1,572	1,760	1,861	1,771	1,474	1,474	1,457
Widows and widowers <sup>8</sup> .....	4,055	8,596	15,071	17,638	20,749	23,488	25,425	27,325	29,320	31,345
Parents <sup>8</sup> .....	39	50	52	55	58	59	56	53	51	48
Special benefits <sup>9</sup> .....	306	198	128	119	110	100	85	71	57	47
Lump sum.....	294	337	340	355	332	203	205	212	207	203

NA Not available. Z Fewer than 500. <sup>1</sup> Benefit payment actually being made at a specified time with no deductions or with deductions amounting to less than a month's benefits; i.e., the benefits actually being received. <sup>2</sup> 62 years and over. <sup>3</sup> Disabled workers under age 65. <sup>4</sup> Includes wife beneficiaries with entitled children in their care and entitled divorced wives. <sup>5</sup> 18 years old and over; disability began before age 18 and, beginning 1973, before age 22. <sup>6</sup> Full-time students aged 18-21 through 1984 and aged 18 and 19 beginning 1985. <sup>7</sup> Includes surviving divorced mothers with entitled children in their care and, beginning June 1975, widowed fathers with entitled children in their care. <sup>8</sup> Includes widows aged 60-61, surviving divorced wives aged 60 and over, disabled widows and widowers aged 50 and over; and beginning Jan. 1973, widowers aged 60-61. <sup>9</sup> Benefits for persons aged 72 and over not insured under regular or transitional provisions of Social Security Act. <sup>10</sup> Constant dollar figures are based on the consumer price index published by the U.S. Bureau of Labor Statistics; see table 738. <sup>11</sup> Represents total disbursements of benefit checks by the U.S. Dept. of the Treasury during the years specified. <sup>12</sup> Distribution by type estimated.

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

No. 566. SOCIAL SECURITY (OASDI)—BENEFICIARIES, BENEFIT PAYMENTS, AND AVERAGE MONTHLY BENEFITS, 1970 TO 1986, AND BY STATES AND OTHER AREAS, 1986

[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 565, and Appendix III]

YEAR, DIVISION, AND STATE OR OTHER AREA	NUMBER OF BENEFICIARIES (1,000)				BENEFIT PAYMENTS (mil. dol.)				AVERAGE MONTHLY BENEFITS (dol.)		
	Total	Retired workers <sup>1,2</sup>	Survivors	Dis-abled work-ers <sup>3</sup>	Total	Retired work-ers <sup>1,2</sup>	Surviv-ors <sup>3</sup>	Dis-abled work-ers <sup>3</sup>	Ret-ired work-ers <sup>4</sup>	Dis-abled work-ers <sup>4</sup>	Wid-ows and widow-ers <sup>5</sup>
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	15,664	8,414	207	226	194
1980	35,585	23,309	7,598	4,678	120,472	75,025	27,010	15,437	341	371	311
1981	36,006	23,935	7,615	4,456	140,995	92,588	31,206	17,200	386	413	349
1982	35,839	24,425	7,442	3,973	156,137	104,995	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	37,622	26,490	7,155	3,977	196,692	135,949	40,896	19,847	488	488	444
1986, total <sup>6</sup>	36,726	25,966	6,954	3,806	193,631	134,273	40,105	19,253	491	490	447
U.S.	2,063	1,537	342	184	11,357	8,327	2,098	932	(NA)	(NA)	(NA)
New England	204	146	36	22	1,013	704	205	104	448	451	421
Maine	152	113	24	14	814	602	144	68	490	481	456
New Hampshire	85	61	15	9	433	304	87	42	478	478	432
Vermont	941	702	158	81	5,171	3,775	977	419	492	482	460
Massachusetts	176	130	28	18	859	701	165	93	489	461	448
Rhode Island	504	384	80	40	2,967	2,241	520	206	536	497	483
Connecticut	6,154	4,484	1,115	575	35,207	25,098	6,937	3,204	(NA)	(NA)	(NA)
Middle Atlantic	2,802	2,035	493	271	16,185	11,606	3,042	1,537	524	509	467
New York	1,189	877	204	107	6,988	5,081	1,311	608	533	513	478
New Jersey	2,163	1,552	418	194	12,024	8,379	2,584	1,061	507	508	463
Pennsylvania	6,525	4,571	1,268	686	36,213	24,817	7,846	3,550	(NA)	(NA)	(NA)
East North Central	1,724	1,182	353	189	9,365	6,203	2,180	982	502	510	460
Ohio	868	606	165	98	4,806	3,294	1,022	490	510	506	459
Indiana	1,701	1,215	329	157	9,625	6,794	2,028	803	520	509	467
Illinois	1,426	979	283	164	8,039	5,388	1,753	898	521	534	468
Michigan	805	588	138	78	4,378	3,138	863	377	502	491	459
Wisconsin	2,913	2,124	545	244	15,166	10,780	3,181	1,205	(NA)	(NA)	(NA)
West North Central	639	476	116	47	3,311	2,400	678	233	473	482	439
Minnesota	511	376	96	39	2,728	1,952	577	197	492	481	447
Iowa	877	618	167	92	4,535	3,125	951	459	475	480	432
Missouri	108	78	22	8	529	374	121	34	458	452	415
North Dakota	124	90	24	10	596	420	132	44	450	449	412
South Dakota	261	194	47	19	1,362	997	283	92	483	474	444
Nebraska	394	291	73	30	2,107	1,522	439	146	498	472	451
Kansas	6,564	4,602	1,225	737	32,919	22,621	6,859	3,839	(NA)	(NA)	(NA)
South Atlantic	97	70	17	10	530	371	105	54	509	489	455
Delaware	575	409	115	51	3,078	2,130	668	282	488	501	447
Maryland	81	57	17	7	381	266	76	27	422	429	375
District of Columbia	778	529	159	92	3,852	2,500	847	465	468	469	402
Virginia	360	217	85	58	1,827	1,069	476	282	483	514	413
West Virginia	979	663	195	121	4,662	3,104	975	583	448	450	375
North Carolina	497	321	101	75	2,341	1,496	507	338	450	456	371
South Carolina	818	521	175	121	3,873	2,422	887	564	445	456	361
Georgia	2,381	1,816	363	202	12,425	9,263	2,118	1,044	487	498	449
Florida	2,496	1,585	550	362	11,579	7,177	2,762	1,640	(NA)	(NA)	(NA)
East South Central	617	385	137	85	2,895	1,746	710	439	443	479	388
Kentucky	777	512	163	103	3,680	2,374	833	473	449	457	386
Tennessee	668	422	153	93	3,128	1,928	772	428	445	460	378
Alabama	434	266	97	71	1,876	1,129	447	300	413	439	346
Mississippi	3,570	2,372	805	393	17,196	11,166	4,243	1,787	(NA)	(NA)	(NA)
West South Central	449	298	90	61	2,056	1,328	444	284	429	457	371
Arkansas	610	382	155	92	2,853	1,656	793	404	453	482	396
Louisiana	506	354	103	48	2,500	1,697	571	232	464	470	412
Oklahoma	2,004	1,358	454	192	9,787	6,485	2,435	867	470	472	415
Texas	1,713	1,233	308	171	8,748	6,189	1,728	851	(NA)	(NA)	(NA)
Mountain	129	91	25	13	660	456	140	64	478	484	443
Montana	147	109	25	13	744	536	144	64	478	485	437
Idaho	56	41	11	5	231	205	64	22	487	489	443
Wyoming	374	265	71	38	1,900	1,309	406	185	477	482	436
Colorado	192	129	40	23	914	604	203	107	461	481	399
New Mexico	516	379	85	51	2,679	1,937	473	269	494	520	449
Arizona	169	123	31	14	884	636	182	66	501	485	455
Utah	130	96	21	13	676	486	118	74	491	514	453
Nevada	4,729	3,477	796	456	25,243	18,147	4,652	2,444	(NA)	(NA)	(NA)
Pacific	654	487	107	60	3,569	2,605	651	313	507	503	460
Washington	458	345	74	39	2,457	1,804	439	214	497	510	454
Oregon	3,456	2,524	589	343	18,411	13,144	3,418	1,849	497	497	452
California	27	17	7	3	139	86	36	17	502	507	397
Alaska	134	104	19	10	667	508	108	51	486	472	414
Hawaii	549	297	102	150	1,715	856	348	511	309	393	273
Puerto Rico	4	2	2	1	12	7	4	1	332	423	272
Guam	3	1	1	1	7	3	3	1	284	357	211
American Samoa	9	5	2	1	38	25	9	4	434	416	343
Virgin Islands	331	219	94	18	1,289	785	427	77	385	464	358
Abroad											

NA Not available. <sup>1</sup> Includes special benefits; see footnote 9, table 565. <sup>2</sup> Includes benefits payable to dependents. <sup>3</sup> Includes lump-sum payments to survivors of deceased workers. <sup>4</sup> Excludes persons with special benefits. <sup>5</sup> Nondisabled only. <sup>6</sup> Data for beneficiaries preliminary.

### NO. 567. INDIVIDUAL RETIREMENT ACCOUNT (IRA), KEOGH ACCOUNT AND PENSION PLAN COVERAGE OF EMPLOYED PERSONS: 1983

(In thousands, except percent. As of May. Covers only persons employed for pay. Data based on supplement to Current Population Survey (see text, section 1) conducted for U.S. Dept. of Health and Human Services and Employee Benefit Research Institute)

SEX, AGE, AND CLASS OF WORKER	Employed persons	IRA AND KEOGH ACCOUNT				Nonagricultural wage and salary workers	PENSION PLAN COVERAGE			
		Persons with an IRA <sup>1</sup>		Persons with spousal IRA <sup>1</sup>	Persons with Keogh account <sup>2</sup>		Persons covered		Persons participating in plan	Persons with vesting <sup>3</sup>
		Number	Percent of employed				Number	Percent of wage and salary workers		
<b>Total</b> .....	<b>98,964</b>	<b>16,713</b>	<b>16.9</b>	<b>1,954</b>	<b>439</b>	<b>88,214</b>	<b>49,530</b>	<b>56.1</b>	<b>40,699</b>	<b>28,708</b>
Male.....	58,028	10,224	18.3	1,812	392	48,199	28,515	59.2	24,808	17,824
Female.....	42,936	6,489	15.1	142	(*)	40,015	21,015	52.5	15,891	10,884
Less than 25 years old.....	19,122	445	2.3	(*)	(*)	17,991	6,376	35.4	3,225	1,536
25-34 years old.....	28,773	3,108	10.8	113	(*)	26,020	15,239	58.6	12,390	7,672
35-44 years old.....	21,484	3,967	18.5	279	92	18,971	12,232	64.5	10,920	8,157
45-54 years old.....	15,493	4,532	29.3	580	133	13,590	8,737	64.3	7,990	6,296
55-59 years old.....	6,897	2,687	39.0	518	99	6,059	4,071	67.2	3,705	3,009
60-64 years old.....	4,321	1,462	34.3	336	(*)	3,611	2,184	60.5	2,003	1,648
65 years old and over.....	2,870	491	17.1	124	(*)	1,971	691	35.1	465	390
Private.....	74,071	12,040	16.3	1,475	(x)	72,465	38,458	50.3	29,167	18,599
Federal government.....	3,235	778	24.1	(*)	(x)	3,235	2,809	86.8	2,564	2,325
State and local government.....	12,513	2,245	17.9	185	(x)	12,513	10,263	82.0	8,968	7,783
Self-employed.....	9,144	1,649	18.0	229	439	(x)	(x)	(x)	(x)	(x)

X Not applicable. <sup>1</sup> Figures represent IRA participation in 1982. <sup>2</sup> A retirement plan similar to IRAs which is available to self-employed persons and unincorporated partnerships only. <sup>3</sup> Workers entitled to receive retirement benefits and those eligible for lump sum distributions. <sup>4</sup> Figure does not meet standards of reliability.

Source: Employee Benefit Research Institute, Washington, DC, *Individual Retirement Accounts: Characteristics and Policy Implications*, Issue Brief #32, 1984, and *New Survey Findings on Pension Coverage and Benefit Entitlement*, Issue Brief #33, 1984, and unpublished data.

### NO. 568. PENSION PLAN COVERAGE OF CIVILIAN WORKERS BY WAGE OR SALARY INCOME: 1985

(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 <sup>1</sup>	\$5,000-\$9,999	\$10,000-\$14,999	\$15,000-\$19,999	\$20,000 and over	Total <sup>1</sup>	\$5,000-\$9,999	\$10,000-\$14,999	\$15,000-\$19,999	\$20,000 and over
<b>Total</b> <sup>2</sup> .....	<b>48,959</b>	<b>3,930</b>	<b>7,147</b>	<b>8,491</b>	<b>27,826</b>	<b>42.8</b>	<b>21.9</b>	<b>40.9</b>	<b>59.4</b>	<b>73.4</b>
Male.....	20,083	1,190	2,508	4,046	20,787	47.5	16.8	33.0	54.6	72.8
15-24 years old.....	1,861	320	404	488	488	14.0	12.3	22.1	47.0	53.7
25-34 years old.....	8,346	322	900	1,436	5,582	46.9	15.8	30.9	49.7	65.6
35-44 years old.....	8,330	174	485	926	6,708	63.4	18.9	37.3	59.4	76.1
45-64 years old.....	10,064	297	691	1,132	7,778	66.4	26.3	46.2	62.9	78.8
Female <sup>3</sup> .....	19,876	2,740	4,639	4,445	7,037	37.4	25.3	48.9	64.6	75.1
15-24 years old.....	1,729	442	629	304	157	13.9	17.2	35.5	50.3	49.7
25-34 years old.....	6,158	687	1,463	1,583	2,179	40.9	23.2	45.9	62.0	68.6
35-44 years old.....	5,415	612	1,093	1,179	2,333	46.7	26.7	48.8	68.2	78.6
45-64 years old.....	6,254	920	1,400	1,358	2,304	49.3	34.0	54.5	71.8	82.0
White <sup>4</sup> .....	42,359	3,221	5,858	7,042	24,954	42.8	21.5	39.6	57.8	72.8
Black.....	5,296	608	1,101	1,235	2,113	43.2	25.4	50.0	70.8	82.2
Hispanic <sup>4</sup> .....	2,393	306	453	494	1,047	31.3	16.8	32.5	50.0	67.1

<sup>1</sup> Includes workers with income under \$5,000, not shown separately. <sup>2</sup> Includes other races, not shown separately.

<sup>3</sup> Includes persons 65 years old and over, not shown separately. <sup>4</sup> Hispanic persons may be of any race.

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



**No. 569. ASSETS OF PRIVATE AND PUBLIC PENSION FUNDS, BY TYPE OF FUND: 1970 TO 1986**

[In billions of dollars. As of end of year. Except for corporate equities, represents book value. Excludes Social Security trust funds, see table 564]

TYPE OF PENSION FUND	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
<b>Total, all types</b> .....	<b>239.2</b>	<b>431.7</b>	<b>747.4</b>	<b>913.9</b>	<b>987.8</b>	<b>1,152.4</b>	<b>1,358.3</b>	<b>1,477.2</b>	<b>1,738.3</b>	<b>1,967.4</b>
<b>Private funds</b> .....	151.4	285.0	510.0	639.4	677.3	792.0	935.0	980.7	1,157.4	1,295.1
Insured.....	41.0	72.3	143.5	172.0	199.8	242.9	288.4	331.6	400.0	468.8
Noninsured <sup>1</sup> .....	110.4	212.6	366.5	467.4	477.6	549.1	648.7	659.1	757.4	826.3
Corporate equities.....	67.1	108.0	186.5	291.3	210.0	258.1	311.3	287.2	383.0	436.6
U.S. Government securities.....	3.0	19.6	40.5	53.7	73.0	79.4	92.4	99.7	106.5	112.2
Corporate bonds <sup>2</sup> .....	29.4	42.4	67.6	79.7	85.1	91.6	103.3	113.7	119.4	122.2
Other.....	10.9	42.6	91.9	102.7	108.5	120.0	141.7	148.5	148.5	155.2
<b>Public funds</b> .....	87.8	146.7	237.4	274.5	310.4	360.5	423.2	486.5	580.8	672.3
State and local government.....	60.3	104.8	169.7	198.1	224.2	282.5	311.2	356.6	432.1	502.7
Corporate bonds <sup>2</sup> .....	35.1	61.8	85.0	94.5	103.8	107.3	106.6	118.1	123.3	131.4
Corporate equities.....	8.0	23.2	36.8	42.1	49.2	55.2	75.2	82.5	103.3	114.5
U.S. Government securities.....	6.6	7.8	30.1	40.0	51.8	71.2	88.2	111.2	126.7	149.7
Other.....	10.6	12.0	17.8	21.4	19.4	28.8	41.2	44.8	76.9	107.1
U.S. Government.....	27.5	41.9	67.7	76.4	86.2	97.9	112.0	130.0	148.8	169.6
Civil service <sup>3</sup> .....	23.0	38.5	64.6	73.9	84.8	97.4	111.4	126.9	144.6	163.4
Railroad retirement.....	4.5	3.4	3.1	2.5	1.4	.5	.6	3.1	4.2	6.2

<sup>1</sup> 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. <sup>2</sup> Includes foreign bonds. <sup>3</sup> 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. 570. PUBLIC EMPLOYEE RETIREMENT SYSTEMS—BENEFICIARIES AND BENEFITS: 1970 TO 1985**

[Number of beneficiaries as of end of year]

YEAR	Unit	Total	LEVEL OF GOVERNMENT				TYPE OF BENEFIT			
			Federal			State and local	Age and service	Disability	Survivor	
			Total <sup>1</sup>	Civil service	Armed Forces				Monthly	Lump-sum
<b>Beneficiaries:</b>										
1970	1,000	3,050	1,759	959	773	1,291	2,204	419	427	(x)
1975	1,000	4,428	2,490	1,372	1,073	1,948	3,243	549	836	(x)
1980	1,000	5,659	3,052	1,675	1,330	2,607	4,200	708	751	(x)
1983	1,000	6,285	3,390	1,913	1,427	2,895	4,657	786	842	(x)
1984	1,000	6,693	3,419	1,910	1,456	3,274	5,127	730	836	(x)
1985	1,000	6,903	3,512	1,972	1,487	3,392	5,268	751	884	(x)
<b>Benefits:</b>										
1970	Mill. dol.	9,355	6,075	2,820	3,193	3,280	7,210	1,312	645	189
1975	Mill. dol.	21,617	14,592	7,532	6,808	7,025	17,200	2,707	1,439	271
1980	Mill. dol.	41,060	28,042	15,065	12,478	13,018	32,416	5,371	2,896	377
1983	Mill. dol.	55,501	37,435	20,627	16,142	18,066	43,581	7,351	4,079	491
1984	Mill. dol.	58,624	38,824	21,509	16,807	19,800	45,854	7,676	4,556	538
1985	Mill. dol.	63,378	40,877	22,725	17,416	22,501	50,626	7,507	4,702	543

X Not applicable. <sup>1</sup> Includes other Federal systems, not shown separately.

**No. 571. PUBLIC EMPLOYEE RETIREMENT SYSTEMS—AVERAGE ANNUAL BENEFITS PER ANNUITANT: 1970 TO 1985**

[In dollars]

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
<b>CURRENT DOLLARS</b>												
1970	3,005	3,271	3,136	1,512	3,440	4,065	3,174	1,446	2,413	2,452	2,965	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	2,824
1983	8,680	9,358	9,352	4,842	11,030	12,801	9,933	5,325	6,084	6,127	8,077	3,671
1984	8,759	9,444	10,515	5,450	11,355	12,820	10,844	6,003	6,048	5,744	9,767	4,091
1985	9,181	9,610	9,996	5,319	12,803	13,271	11,094	5,905	5,919	6,637	7,491	3,826
<b>CONSTANT (1985) DOLLARS<sup>1</sup></b>												
1970	7,838	8,532	8,180	3,944	8,973	10,603	8,279	3,772	6,294	6,396	7,734	4,346
1975	9,112	10,026	9,286	4,276	11,105	12,951	9,931	4,835	6,574	6,975	7,309	3,249
1980	9,291	9,974	9,805	4,261	11,863	13,605	10,756	5,790	6,279	6,498	7,522	3,391
1983	9,330	10,059	10,053	5,205	11,856	13,760	10,677	5,723	6,539	6,586	8,682	3,946
1984	9,067	9,258	10,885	5,642	11,754	13,271	11,225	6,214	6,261	5,945	10,110	4,235
1985	9,181	9,610	9,996	5,319	12,803	13,271	11,094	5,905	5,919	6,637	7,491	3,826

<sup>1</sup> Constant dollar figures are based on implicit price deflators for personal consumption expenditures revised by U.S. Bureau of Economic Analysis, 1986.

Source of tables 570 and 571: U.S. Social Security Administration, *Social Security Bulletin*, April 1986; and unpublished data.

## NO. 572. FEDERAL CIVIL SERVICE RETIREMENT: 1970 TO 1986

[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	1981	1982	1983	1984	1985	1986
Annuitants, total	1,000	958	1,372	1,675	1,779	1,828	1,870	1,910	1,937	2,017
Age and service	1,000	477	732	805	873	1,010	1,045	1,082	1,467	1,519
Disability	1,000	185	258	343	348	348	343	338		
Survivors	1,000	296	382	427	458	470	482	490	470	498
Receipts, total <sup>1</sup>	Mil. dol.	4,683	11,377	24,389	28,529	31,856	34,711	36,841	40,194	42,800
Employee contributions	Mil. dol.	1,740	2,554	3,686	4,008	4,171	4,399	4,608	4,597	4,549
Federal government contributions	Mil. dol.	1,952	6,707	15,562	18,193	19,443	20,815	20,848	22,439	23,072
Disbursements, total <sup>2</sup>	Mil. dol.	2,752	7,207	14,977	17,779	19,656	20,889	21,951	23,091	24,023
Age and service annuitants <sup>3</sup>	Mil. dol.	2,129	6,052	12,639	15,010	16,406	17,602	18,403	19,319	20,063
Survivors	Mil. dol.	389	908	1,912	2,265	2,533	2,783	2,943	3,133	3,293
Average monthly benefit:										
Age and service	Dollars	362	620	992	1,036	1,117	1,150	1,149	1,098	1,100
Disability	Dollars	221	406	723	756	820	851	851		
Survivors	Dollars	116	209	392	419	463	486	501	566	551
Cash and security holdings	Bil. dol.	22.4	38.4	73.7	84.4	98.6	110.5	125.3	140.9	159.5

<sup>1</sup> Includes interest on investments. <sup>2</sup> Includes refunds, death claims, and administration. <sup>3</sup> Includes disability annuitants. Source: U.S. Office of Personnel Management, *Compensation Report*, annual.

## NO. 573. STATE AND LOCAL GOVERNMENT RETIREMENT SYSTEMS—FINANCES: 1970 TO 1986

[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	Em- ployee contri- butions	Government contributions		Earnings on invest- ments	Total	Bene- fits		With- drawals
			State	Local					
<b>1970:</b> All systems	9,848	2,788	2,048	2,554	2,460	3,638	3,037	601	54,818
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
<b>1975:</b> All systems	18,898	4,488	4,093	5,023	5,294	7,490	6,540	950	99,064
State-administered	14,208	3,552	3,974	2,823	4,059	5,207	4,480	727	74,703
Locally administered	4,690	936	119	2,400	1,236	2,283	2,060	223	23,361
<b>1980:</b> 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	144,882
Locally administered	8,710	1,180	181	4,340	3,008	3,752	3,399	353	40,544
<b>1985:</b> 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
<b>1986:</b> All systems	88,149	10,586	12,448	16,152	48,965	26,521	24,442	2,079	437,229
State-administered	68,992	9,939	12,162	9,531	38,380	19,878	18,187	1,691	347,351
Locally administered	19,167	1,647	284	6,622	10,615	6,644	6,255	389	89,868

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

## NO. 574. PROTECTION AGAINST SHORT-TERM SICKNESS INCOME LOSS: 1970 TO 1984

[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	1978	1979	1980	1981	1982	1983	1984
Short-term sickness: Income loss	16,757	23,595	32,811	36,072	38,529	41,278	42,558	45,615	52,776
Total protection provided <sup>1</sup>	5,888	9,002	11,751	13,371	14,426	15,113	16,289	16,411	17,568
Protection as percent of loss	35.1	38.2	35.8	37.1	37.4	36.6	38.2	36.0	33.3
Benefits provided by protection:									
Individual insurance	694	973	1,210	1,322	1,280	1,291	1,595	1,152	1,410
Group benefits to workers in private employment	2,952	4,328	5,762	6,967	7,659	8,011	8,498	8,514	8,937
Private cash insurance <sup>2</sup>	1,476	2,011	2,403	3,218	3,271	2,959	2,931	2,708	2,507
Publicly operated cash sickness funds <sup>3</sup>	411	538	609	699	770	953	987	1,008	968
Sick leave	1,066	1,779	2,770	3,072	3,593	4,099	4,581	4,999	5,462
Sick leave for government employees	2,242	3,542	4,579	4,892	5,338	5,641	6,026	6,490	7,221

<sup>1</sup> 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. <sup>2</sup> Group accident and sickness insurance and self-insurance privately written either on a voluntary basis or in compliance with State temporary disability insurance laws in CA, HI, NJ, and NY. Includes a small but undetermined amount of group disability insurance benefits paid to government workers and to self-employed persons through farm, trade, or professional associations. <sup>3</sup> Includes State-operated plans in RI, CA, and NJ; State Insurance Fund and special fund for disabled unemployed in New York; and provisions of Railroad Unemployment Insurance Act.

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

**NO. 575. MEDICARE PROGRAM—ENROLLMENT AND PAYMENTS: 1970 TO 1986**

[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	1978	1979	1980	1981	1982	1983	1984	1985	1986, prel.
<b>HOSPITAL AND/OR MEDICAL INSURANCE</b>												
Enrollment, total	1,000	20,491	24,959	27,164	27,859	28,478	29,010	29,494	30,026	30,455	31,083	31,768
Benefit payments	Mill. dol.	7,099	15,588	24,934	29,331	35,699	43,455	51,086	57,443	62,918	70,527	75,987
<b>HOSPITAL INSURANCE</b>												
Enrollment, total	1,000	20,361	24,640	26,777	27,459	28,067	28,590	29,069	29,587	29,996	30,589	31,263
Persons 65 and over	1,000	20,361	22,472	23,984	24,548	25,104	25,591	26,115	26,670	27,112	27,683	28,322
Disabled persons <sup>1</sup>	1,000	(x)	2,168	2,793	2,911	2,963	2,999	2,954	2,918	2,884	2,907	2,942
Benefit payments	Mill. dol.	5,124	11,315	17,882	20,623	25,064	30,342	35,631	39,337	43,257	47,580	49,758
<b>MEDICAL INSURANCE</b>												
Enrollment, total	1,000	19,584	23,904	26,074	26,757	27,400	27,941	28,412	28,875	29,415	29,989	30,623
Persons 65 and over	1,000	19,584	21,945	23,531	24,098	24,660	25,182	25,707	26,292	26,784	27,311	27,925
Disabled persons <sup>1</sup>	1,000	(x)	1,959	2,543	2,859	2,719	2,759	2,705	2,682	2,651	2,678	2,698
Benefit payments	Mill. dol.	1,975	4,273	7,252	8,708	10,635	13,113	15,455	18,106	19,661	22,947	26,239

X Not applicable. <sup>1</sup> 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. 576. MEDICARE—PERSONS SERVED AND REIMBURSEMENTS: 1975 TO 1984**

[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 <sup>1</sup>			
		1975	1980	1983	1984	1975	1980	1983	1984
<b>Persons served, total<sup>2</sup></b>	1,000	12,032	16,271	17,897	18,904	975	1,760	1,835	1,845
Hospital insurance <sup>2</sup>	1,000	4,963	6,024	6,691	6,496	475	728	752	700
Inpatient hospital	1,000	4,913	5,951	6,441	6,195	472	721	729	674
Skilled-nursing services	1,000	260	248	257	290	8	9	8	9
Home health services <sup>3</sup>	1,000	329	675	1,228	1,398	22	51	90	100
Supplementary medical insurance <sup>2</sup>	1,000	11,762	16,099	17,675	18,706	924	1,723	1,797	1,812
Physicians' and other medical services	1,000	11,396	15,627	17,209	18,128	865	1,631	1,714	1,721
Outpatient services	1,000	3,768	6,629	8,065	8,743	399	909	1,024	1,029
Home health services <sup>3</sup>	1,000	161	302	20	24	13	25	18	20
<b>Persons served per 1,000 enrollees, total<sup>2</sup></b>	Rate	528	638	660	686	450	594	629	640
Hospital insurance <sup>2</sup>	Rate	221	240	251	240	219	246	258	243
Inpatient hospital	Rate	219	237	242	229	218	243	250	234
Skilled-nursing services	Rate	12	10	10	11	4	3	3	3
Home health services <sup>3</sup>	Rate	15	27	46	52	10	17	31	35
Supplementary medical insurance <sup>2</sup>	Rate	536	652	672	699	471	634	670	684
Physicians' and other medical services	Rate	519	633	655	677	442	600	639	649
Outpatient services	Rate	172	269	307	327	204	334	382	388
Home health services <sup>3</sup>	Rate	7	12	1	1	7	9	(NA)	8
<b>Reimbursements, total</b>	Mill. dol.	12,689	29,134	46,727	(NA)	1,509	4,478	6,711	(NA)
Hospital insurance	Mill. dol.	9,209	20,353	32,141	(NA)	987	2,765	4,173	(NA)
Inpatient hospital	Mill. dol.	8,840	19,583	30,469	(NA)	968	2,714	4,050	(NA)
Skilled-nursing services	Mill. dol.	233	331	413	(NA)	9	13	15	(NA)
Home health services <sup>3</sup>	Mill. dol.	136	440	1,258	(NA)	10	38	108	(NA)
Supplementary medical insurance	Mill. dol.	3,481	8,781	14,588	(NA)	522	1,713	2,538	(NA)
Physicians' and other medical services	Mill. dol.	3,050	7,361	12,105	(NA)	295	997	1,555	(NA)
Outpatient services	Mill. dol.	374	1,261	2,460	(NA)	221	701	983	(NA)
Home health services <sup>3</sup>	Mill. dol.	56	159	22	(NA)	5	16	(NA)	(NA)
<b>Reimbursements, per person served, total</b>	Dollars	1,055	1,791	2,611	(NA)	1,548	2,544	3,658	(NA)
Hospital insurance	Dollars	1,855	3,879	4,804	(NA)	2,077	3,798	5,550	(NA)
Inpatient hospital	Dollars	1,799	3,291	4,730	(NA)	2,051	3,765	5,558	(NA)
Skilled-nursing services	Dollars	886	1,336	1,612	(NA)	1,049	1,571	1,856	(NA)
Home health services <sup>3</sup>	Dollars	413	652	1,025	(NA)	478	739	1,200	(NA)
Supplementary medical insurance	Dollars	296	545	825	(NA)	565	994	1,412	(NA)
Physicians' and other medical services	Dollars	268	471	703	(NA)	341	611	908	(NA)
Outpatient services	Dollars	99	190	305	(NA)	554	771	960	(NA)
Home health services <sup>3</sup>	Dollars	347	526	1,098	(NA)	420	619	(NA)	(NA)

NA Not available. <sup>1</sup> Age under 65; includes persons enrolled because of end-stage renal disease (ESRD) only.

<sup>2</sup> Persons are counted once for each type of covered service used, but are not double counted in totals. <sup>3</sup> 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. 577. MEDICARE—HOSPITAL UTILIZATION AND HOSPITAL AND PHYSICIAN CHARGES: 1970 TO 1985

[Data reflect date expense was incurred based on bills submitted for payment and recorded in Health Care Financing Administration central records through March 1987. Includes Puerto Rico, Virgin Islands, Guam, other outlying areas and enrollees in foreign countries]

ITEM	Unit	PERSONS 65 YEARS OLD AND OVER					DISABLED PERSONS <sup>2</sup>				
		1970	1975	1980	1984 <sup>1</sup>	1985 <sup>1</sup>	1975	1980	1984 <sup>1</sup>	1985 <sup>1</sup>	
<b>Hospital inpatient care:</b>											
Admissions.....	1,000.....	6,141	7,407	9,258	10,335	9,740	822	1,271	1,364	1,313	
Per 1,000 enrollees <sup>2</sup> .....	Rate.....	302	330	369	381	352	378	429	473	452	
Covered days of care.....	Millions.....	79	84	98	94	90	9	13	13	13	
Per 1,000 enrollees <sup>2</sup> .....	Rate.....	3,902	3,731	3,885	3,480	3,260	4,198	4,549	4,439	4,310	
Per admission.....	Days.....	12.9	11.3	10.5	9.1	9.3	11.1	10.6	9.4	9.5	
<b>Hospital covered charges.....</b>											
Per covered day.....	Doll. dol.....	5,988	12,099	28,615	51,790	55,592	1,371	4,087	7,029	7,592	
Percent of covered charges reimbursed.....	Percent.....	75	144	293	549	816	151	303	549	606	
Physician allowed charges.....	Mill. dol.....	2,310	4,023	9,011	15,801	17,504	367	1,112	1,706	1,792	
Percent reimbursed.....	Percent.....	71.9	74.3	78.0	78.1	78.9	76.1	78.7	78.4	78.8	

<sup>1</sup> Estimated to adjust for bill processing lag. <sup>2</sup> Disabled persons under age 65 and persons enrolled solely because of end-stage renal disease (ESRD) <sup>3</sup> Based on Hospital Insurance (HI) enrollment as of July 1.

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

NO. 578. MEDICARE AND MEDICAID—SUMMARY, BY STATE AND OTHER AREAS: 1980 AND 1986

[1986 data are preliminary estimates. For composition of regions, see fig. 1, inside front cover]

REGION, DIVISION, AND STATE	MEDICARE		MEDICAID <sup>3</sup>		DIVISION AND STATE OR OTHER AREA	MEDICARE		MEDICAID <sup>3</sup>		
	Enroll-ment, <sup>1</sup> 1986 (1,000)	Payments <sup>2</sup> (mil. dol.)	Recipi-ents, <sup>4</sup> 1986 (1,000)	Payments (mil. dol.)		Enroll-ment, <sup>1</sup> 1986 (1,000)	Payments <sup>2</sup> (mil. dol.)	Recipi-ents, <sup>4</sup> 1986 (1,000)	Payments (mil. dol.)	
<b>Total .....</b>	<b>31,788</b>	<b>35,699</b>	<b>75,997</b>	<b>22,337</b>	<b>23,311</b>	<b>40,805</b>				
<b>U.S. <sup>5</sup></b>	<b>31,107</b>	<b>35,561</b>	<b>75,734</b>	<b>20,561</b>	<b>23,210</b>	<b>40,645</b>				
<b>Region:</b>										
Northeast.....	7,199	9,071	18,635	5,056	8,138	14,639				
Midwest.....	7,998	9,507	19,388	5,213	5,637	9,866				
South.....	10,451	10,412	23,440	5,741	5,557	9,708				
West.....	5,438	6,529	14,256	4,551	3,878	6,432				
<b>N. Eng. <sup>6</sup></b>	<b>1,812</b>	<b>2,238</b>	<b>4,442</b>	<b>1,053</b>	<b>1,781</b>	<b>3,114</b>				
ME.....	173	177	335	125	131	283				
NH.....	127	120	228	35	72	133				
VT.....	71	68	122	50	59	95				
MA.....	843	1,179	2,328	529	1,009	1,665				
Rl.....	153	189	363	97	160	263				
CT.....	445	505	1,066	217	350	675				
<b>Mid. Atl. <sup>6</sup></b>	<b>5,387</b>	<b>6,833</b>	<b>14,193</b>	<b>4,003</b>	<b>6,357</b>	<b>11,525</b>				
NY.....	2,478	3,409	6,506	2,323	4,543	8,251				
NJ.....	1,047	1,198	2,707	581	758	1,281				
PA.....	1,862	2,226	4,980	1,099	1,058	1,993				
<b>E. No. Cent. <sup>6</sup></b>	<b>5,456</b>	<b>6,720</b>	<b>13,676</b>	<b>3,977</b>	<b>4,114</b>	<b>7,241</b>				
OH.....	1,439	1,806	3,213	1,086	809	2,050				
IN.....	711	719	1,985	298	354	828				
IL.....	1,473	2,046	3,951	1,064	1,192	1,675				
MI.....	1,155	1,620	3,440	1,120	1,072	1,768				
WI.....	678	729	1,047	409	687	920				
<b>W. No. Cent. <sup>6</sup></b>	<b>2,542</b>	<b>2,787</b>	<b>5,711</b>	<b>1,236</b>	<b>1,523</b>	<b>2,625</b>				
MN.....	561	594	1,179	344	590	1,044				
IA.....	445	453	826	222	230	374				
MO.....	753	888	2,002	360	295	556				
ND.....	95	109	225	40	47	121				
SD.....	106	96	197	37	55	103				
NE.....	232	234	432	102	109	188				
KS.....	350	413	851	131	197	239				
<b>So. Atl. <sup>6</sup></b>	<b>5,483</b>	<b>5,555</b>	<b>12,776</b>	<b>2,698</b>	<b>2,511</b>	<b>4,722</b>				
DE.....	78	87	167	39	45	79				
MD.....	491	622	1,321	323	322	680				
<b>So. Atl.—Con.</b>										
DC.....	80	149	283				99	168	201	
VA.....	648	614	1,384				314	359	595	
WV.....	296	260	647				211	104	201	
NC.....	791	642	1,393				378	401	751	
SC.....	388	302	689				262	258	394	
GA.....	667	601	1,360				484	462	818	
FL.....	2,044	2,278	5,532				588	392	1,003	
<b>E. So. Cent. <sup>6</sup></b>	<b>2,042</b>	<b>1,878</b>	<b>4,101</b>	<b>1,385</b>	<b>1,150</b>	<b>1,936</b>				
KY.....	504	437	930	415	296	537				
TN.....	642	594	1,312	395	380	719				
AL.....	545	523	1,139	316	263	410				
MS.....	351	324	720	259	211	270				
<b>W. So. Cent. <sup>6</sup></b>	<b>2,928</b>	<b>2,979</b>	<b>6,563</b>	<b>1,658</b>	<b>1,896</b>	<b>3,050</b>				
AR.....	376	333	720	203	235	434				
LA.....	484	467	1,051	446	415	780				
OK.....	430	443	890	242	265	422				
TX.....	1,638	1,736	3,902	767	981	1,414				
<b>Mt. <sup>6</sup></b>	<b>1,395</b>	<b>1,304</b>	<b>2,893</b>	<b>446</b>	<b>505</b>	<b>917</b>				
MT.....	108	99	198	52	62	112				
ID.....	120	97	216	40	52	85				
WY.....	46	44	88	21	14	33				
CO.....	310	315	663	132	182	304				
NM.....	154	137	299	92	70	164				
AZ.....	416	383	912	(x)	(x)	(x)				
UT.....	139	110	248	76	80	140				
NV.....	102	119	269	33	45	79				
<b>Pac. <sup>6</sup></b>	<b>4,043</b>	<b>5,225</b>	<b>11,362</b>	<b>4,105</b>	<b>3,373</b>	<b>5,515</b>				
WA.....	546	507	1,172	358	329	628				
OR.....	382	385	800	163	179	260				
CA.....	2,992	4,219	9,138	3,466	2,728	4,556				
AK.....	18	18	42	29	28	85				
HI.....	105	96	210	89	109	197				
<b>PR</b>	<b>400</b>	<b>124</b>	<b>232</b>	<b>1,762</b>	<b>97</b>	<b>156</b>				
<b>Outlying areas</b>	<b>10</b>	<b>4</b>	<b>8</b>	<b>14</b>	<b>(x)</b>	<b>(x)</b>				
<b>Foreign</b>	<b>250</b>	<b>9</b>	<b>24</b>	<b>(x)</b>	<b>(x)</b>	<b>(x)</b>				

X Not applicable. <sup>1</sup> Hospital and/or medical insurance enrollment as of July 1. <sup>2</sup> 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. <sup>3</sup> For fiscal year ending Sept. 30. <sup>4</sup> Persons receiving Medicaid at any time during year. <sup>5</sup> Includes data for enrollees with residence unknown. <sup>6</sup> Virgin Islands only.

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

**No. 579. MEDICAID—SELECTED CHARACTERISTICS OF PERSONS COVERED, BY POVERTY STATUS: 1980 TO 1985**

[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 556]

POVERTY STATUS	1980, total	1983, total	1984, total	1985							
				Total <sup>1</sup>	White	Black	Hispanic <sup>2</sup>	Under 15 years old	15-44 years old	45-64 years old	65 years and over
<b>Persons covered, total</b> .....	<b>18,966</b>	<b>19,286</b>	<b>19,348</b>	<b>19,204</b>	<b>12,134</b>	<b>6,349</b>	<b>2,724</b>	<b>7,213</b>	<b>7,437</b>	<b>1,838</b>	<b>2,716</b>
Below poverty level.....	11,113	13,224	13,207	12,652	7,459	4,668	2,035	5,634	4,919	1,017	1,082
Above poverty level.....	7,854	6,062	6,141	6,552	4,675	1,681	689	1,579	2,518	821	1,634
<b>Percent of total population</b> .....	<b>8.4</b>	<b>8.3</b>	<b>8.3</b>	<b>8.1</b>	<b>6.0</b>	<b>22.3</b>	<b>16.5</b>	<b>13.9</b>	<b>6.6</b>	<b>4.1</b>	<b>10.0</b>
Below poverty level.....	39.1	38.7	40.4	39.7	34.0	53.7	42.7	51.6	36.6	24.5	32.1
Above poverty level.....	4.0	3.1	3.1	3.2	2.6	8.5	5.9	3.9	2.5	2.0	6.9

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

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

**No. 580. MEDICAL ASSISTANCE (MEDICAID)—RECIPIENTS AND PAYMENTS, BY BASIS OF ELIGIBILITY AND TYPE OF SERVICE: 1975 TO 1986**

[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	1975	1980	1982	1983	1984	1985	1986
<b>RECIPIENTS (1,000)</b>							
<b>Total <sup>1</sup></b> .....	<b>22,007</b>	<b>21,605</b>	<b>21,603</b>	<b>21,554</b>	<b>21,607</b>	<b>21,808</b>	<b>22,337</b>
Age 65 and over.....	3,615	3,440	3,240	3,372	3,238	3,061	3,129
Blindness.....	109	92	84	77	79	80	81
Disabled <sup>2</sup> .....	2,355	2,819	2,806	2,844	2,834	2,936	3,087
AFDC <sup>3</sup> program.....	14,127	14,210	14,920	15,128	15,284	15,270	15,534
Children.....	9,598	9,333	9,583	9,535	9,684	9,752	10,218
Adults.....	4,529	4,877	5,356	5,592	5,600	5,518	5,316
Other.....	1,800	1,499	1,434	1,129	1,187	1,214	1,357
Inpatient services in—							
General hospital.....	3,432	3,680	3,530	3,696	3,467	3,434	3,504
Mental hospital.....	67	66	72	80	35	60	52
Intermediate care facilities:							
Mentally retarded.....	69	121	149	151	141	146	146
Other.....	682	769	765	793	796	829	835
Skilled nursing facility.....	630	809	559	574	559	547	580
Physicians.....	15,198	13,765	13,894	14,056	14,195	14,387	14,813
Dental.....	3,644	4,652	4,889	4,940	4,942	4,634	5,109
Other practitioner.....	2,673	3,234	3,223	3,306	3,353	3,357	3,437
Outpatient hospital.....	7,437	9,705	9,853	10,069	10,035	10,072	10,721
Clinic.....	1,086	1,521	1,702	1,760	2,037	2,121	2,053
Laboratory <sup>4</sup> .....	4,738	3,212	3,814	4,462	4,822	6,354	7,117
Home health.....	349	392	377	422	438	535	599
Prescribed drugs.....	14,155	13,707	13,547	13,732	13,935	13,921	14,667
Family planning.....	1,217	1,129	1,506	1,538	1,577	1,636	1,714
<b>Total <sup>1</sup></b> .....	<b>12,242</b>	<b>23,311</b>	<b>29,399</b>	<b>32,391</b>	<b>33,691</b>	<b>37,508</b>	<b>40,805</b>
<b>PAYMENTS (mil. dol.)</b>							
Age 65 and over.....	4,358	8,739	10,739	11,954	12,815	14,096	15,335
Blindness.....	93	124	172	193	219	249	271
Disabled <sup>2</sup> .....	3,052	7,497	10,293	11,184	11,758	13,203	14,364
AFDC <sup>3</sup> program.....	4,246	6,354	7,567	8,322	8,398	9,160	9,965
Children.....	2,186	3,123	3,473	3,836	3,979	4,414	4,802
Adults.....	2,062	3,231	4,093	4,487	4,420	4,746	5,163
Other.....	494	596	689	747	700	798	868
Inpatient services in—							
General hospital.....	3,374	6,412	7,670	8,813	8,848	9,453	10,170
Mental hospital.....	405	775	974	933	1,042	1,192	1,112
Intermediate care facilities:							
Mentally retarded.....	381	1,989	3,467	4,079	4,256	4,719	5,068
Other.....	1,885	4,202	4,979	5,381	5,823	6,526	6,821
Skilled nursing facility.....	2,434	3,685	4,427	4,621	4,810	5,073	5,537
Physicians.....	1,225	1,875	2,086	2,176	2,220	2,346	2,546
Dental.....	339	462	492	467	469	459	526
Other practitioner.....	127	198	226	228	232	251	242
Outpatient hospital.....	373	1,101	1,438	1,574	1,646	1,789	1,980
Clinic.....	389	320	400	479	594	714	810
Laboratory <sup>4</sup> .....	126	121	160	184	207	337	425
Home health.....	70	332	498	597	774	1,120	1,381
Prescribed drugs.....	815	1,318	1,589	1,771	1,968	2,315	2,689
Family planning.....	67	81	133	156	164	195	224

<sup>1</sup> 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 aid and payments for other care not shown separately. <sup>2</sup> Permanently and totally. <sup>3</sup> Aid to families with dependent children. <sup>4</sup> Includes radiological services.

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

## NO. 581. STATE UNEMPLOYMENT INSURANCE—SUMMARY: 1970 TO 1986

[See headnote, table 582]

ITEM	Unit	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
Insured unemployment, avg. weekly	1,000.....	1,805	3,986	2,359	2,433	3,350	3,047	4,061	3,396	2,476	2,611	2,650
Percent of covered employment <sup>1</sup>	Percent.....	3.4	6.0	3.3	2.8	3.9	3.5	4.6	3.9	2.8	2.9	2.8
Unemployment benefits, avg. weekly	Dollars.....	50	70	84	90	99	107	119	124	123	127	134
Percent of weekly wage	Percent.....	35.6	37.2	37.0	35.9	37.5	35.6	37.2	37.8	35.8	35.3	35.7
Weeks compensated	Million.....	78.9	175.3	101.0	106.1	149.0	135.9	185.3	155.5	111.6	119.3	121.5
Beneficiaries, first payments	1,000.....	6,402	11,160	7,565	8,074	9,992	9,401	11,648	8,907	7,743	8,350	8,322
Average duration of benefits <sup>2</sup>	Weeks.....	12.3	15.7	13.3	13.1	14.9	14.5	15.9	17.5	14.4	14.3	14.6
Claimants exhausting benefits	1,000.....	1,295	4,195	2,039	2,037	3,072	2,989	4,175	4,180	2,600	2,575	2,703
Percent of first payment <sup>3</sup>	Percent.....	24.4	37.8	26.7	26.7	33.2	32.4	38.5	38.4	34.1	31.3	32.5
Contributions collected <sup>4</sup>	Bil. dol.....	2.5	5.2	11.2	12.1	11.4	11.7	12.2	14.6	18.8	19.3	18.5
Benefits paid	Bil. dol.....	3.8	11.8	7.7	8.6	13.8	13.3	20.7	17.8	12.6	14.0	15.4
Funds available for benefits <sup>5</sup>	Bil. dol.....	11.9	4.5	9.3	12.5	11.4	11.6	7.5	7.3	11.6	16.0	19.9
Average employer contribution rate <sup>6</sup>	Percent.....	1.3	1.9	2.8	2.7	2.5	2.4	2.5	2.8	3.2	3.1	2.7

<sup>1</sup> See footnote 1, table 582. <sup>2</sup> Weeks compensated divided by first payment. <sup>3</sup> Based on first payments for 12-month period ending June 30. <sup>4</sup> Contributions from employers; also employees in States which tax workers. <sup>5</sup> End of year. Sum of balances in State clearing accounts, benefit-payment accounts, and State accounts in Federal unemployment trust funds. <sup>6</sup> As percent of taxable wages.

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

## NO. 582. STATE UNEMPLOYMENT INSURANCE, BY STATE AND OTHER AREAS: 1986

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

STATE	AVERAGE WEEKLY—				STATE OR OTHER AREAS	AVERAGE WEEKLY—				Beneficiaries, first payments (1,000)	Benefits paid (mil. dol.)		
	Insured unemployment		Unemployment benefits (dol.)	Beneficiaries, first payments (1,000)		Benefits paid (mil. dol.)	Insured unemployment		Unemployment benefits (dol.)			Beneficiaries, first payments (1,000)	Benefits paid (mil. dol.)
	Number (1,000)	Percent <sup>1</sup>					Number (1,000)	Percent <sup>1</sup>					
United States...	2,650	2.8	134	8,322	15,403								
Alabama.....	43	3.2	99	175	180	Montana.....	10	4.0	125	31	52		
Alaska.....	17	8.0	158	56	138	Nebraska.....	13	2.1	111	43	60		
Arizona.....	25	2.0	111	74	106	Nevada.....	12	2.8	133	41	75		
Arkansas.....	28	3.6	117	96	124	New Hampshire.....	4	.8	115	23	18		
California.....	392	3.6	118	1,114	2,074	New Jersey.....	86	2.6	156	268	630		
Colorado.....	33	2.4	155	102	220	New Mexico.....	17	3.5	121	42	81		
Connecticut.....	25	1.6	153	111	174	New York.....	191	2.5	135	541	1,128		
Delaware.....	6	2.0	143	21	44	North Carolina.....	49	1.9	117	224	222		
District of Columbia.....	8	2.1	159	22	60	North Dakota.....	8	3.4	149	22	50		
Florida.....	59	1.4	123	182	291	Ohio.....	118	2.8	148	340	712		
Georgia.....	43	1.8	109	220	219	Oklahoma.....	36	3.3	146	112	221		
Hawaii.....	9	2.1	145	27	49	Oregon.....	42	4.3	138	130	305		
Idaho.....	15	4.8	133	47	74	Pennsylvania.....	165	3.7	153	487	1,057		
Illinois.....	144	3.2	141	364	857	Rhode Island.....	13	3.1	129	45	72		
Indiana.....	45	2.2	99	151	188	South Carolina.....	28	2.3	100	102	110		
Iowa.....	29	2.9	139	85	161	South Dakota.....	3	1.5	108	11	14		
Kansas.....	25	2.6	149	83	159	Tennessee.....	44	2.5	92	166	172		
Kentucky.....	37	3.2	107	120	177	Texas.....	164	2.8	180	528	1,205		
Louisiana.....	81	5.4	150	217	538	Utah.....	14	2.5	154	49	95		
Maine.....	12	2.8	122	36	56	Vermont.....	5	2.5	121	18	27		
Maryland.....	36	2.1	136	110	206	Virginia.....	23	1.0	127	124	138		
Massachusetts.....	64	2.3	153	203	447	Washington.....	65	4.1	137	177	362		
Michigan.....	109	3.2	153	406	733	West Virginia.....	24	4.3	142	72	143		
Minnesota.....	45	2.5	166	135	340	Wisconsin.....	59	3.1	141	201	347		
Mississippi.....	31	4.0	93	93	107	Wyoming.....	8	3.9	164	24	62		
Missouri.....	51	2.6	107	172	221	Puerto Rico.....	42	5.8	71	72	97		
						Virgin Islands.....	1	2.2	111	2	4		

<sup>1</sup> Insured unemployment as percent of average covered employment in preceding year.

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

NO. 583. WORKERS' COMPENSATION PAYMENTS: 1970 TO 1985

[In millions of dollars, except as indicated. See headnote, table 584. See also *Historical Statistics, Colonial Times to 1970, series H 332-345*]

ITEM	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985
Workers covered <sup>1</sup> (mil.).....	59	67	72	76	79	79	79	78	79	82	84
<b>Annual benefits paid</b> .....	<b>3,031</b>	<b>6,598</b>	<b>8,629</b>	<b>9,783</b>	<b>12,027</b>	<b>13,562</b>	<b>15,016</b>	<b>16,319</b>	<b>17,611</b>	<b>19,685</b>	<b>22,470</b>
By private carriers <sup>2</sup> .....	1,843	3,422	4,629	5,256	6,157	7,023	7,868	9,647	9,268	10,610	12,334
From State funds <sup>3</sup> .....	755	2,324	2,750	3,039	4,022	4,333	4,614	4,795	5,066	5,378	5,874
Employers' self-insurance <sup>4</sup> .....	432	852	1,250	1,497	1,848	2,206	2,534	2,877	3,277	3,700	4,262
Type of benefit:											
Medical/hospitalization.....	1,050	2,030	2,680	2,980	3,520	3,930	4,420	4,877	5,897	6,420	7,300
Compensation payments.....	1,981	4,568	5,950	6,813	8,507	9,632	10,596	11,442	11,914	13,265	15,170
Disability.....	1,751	3,843	5,075	5,848	7,232	8,322	9,196	9,932	10,404	11,675	13,460
Survivor.....	230	725	875	965	1,275	1,310	1,400	1,510	1,510	1,590	1,710
Percent of covered payroll:											
Workers' compensation costs <sup>5</sup> .....	1.11	1.32	1.71	1.86	1.95	1.96	1.84	1.73	1.67	1.64	1.81
Benefits <sup>6</sup> .....	.66	.83	.92	.94	1.01	1.08	1.08	1.15	1.18	1.20	1.31

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

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

NO. 584. WORKERS' COMPENSATION PAYMENTS, BY STATE: 1980 TO 1985

[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)* and *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 Longshoremens' and Harbor Workers' Compensation Act and Defense Bases Compensation Act for States in which such payments are made]

STATE	1980	1982	1983	1984	1985	STATE AND PROGRAMS	1980	1982	1983	1984	1985
<b>Total</b> .....	<b>13,562</b>	<b>16,319</b>	<b>17,611</b>	<b>19,685</b>	<b>22,470</b>	Nevada.....	69	92	96	106	123
Alabama.....	112	132	147	166	203	New Hampshire.....	48	60	64	77	91
Alaska.....	60	64	77	93	109	New Jersey.....	316	350	395	444	501
Arizona.....	120	138	171	185	198	New Mexico.....	54	81	92	114	140
Arkansas.....	83	103	118	134	142	New York.....	637	780	758	858	985
California.....	1,828	2,033	2,261	2,655	3,243	North Carolina.....	131	160	173	201	242
Colorado.....	115	181	210	251	281	North Dakota.....	17	22	23	29	33
Connecticut.....	132	209	232	266	305	Ohio.....	776	1,019	1,085	1,259	1,441
Delaware.....	21	27	30	36	40	Oklahoma.....	134	211	228	266	297
District of Columbia.....	70	81	78	74	74	Oregon.....	275	307	313	346	407
Florida.....	382	520	645	685	815	Pennsylvania.....	572	723	781	888	998
Georgia.....	185	235	256	296	360	Rhode Island.....	55	71	81	85	97
Hawaii.....	60	96	105	122	126	South Carolina.....	79	99	107	128	156
Idaho.....	38	44	46	58	66	South Dakota.....	13	17	18	21	26
Illinois.....	665	673	740	825	912	Tennessee.....	129	149	149	175	204
Indiana.....	101	118	129	134	152	Texas.....	701	882	1,084	1,293	1,564
Iowa.....	99	107	110	120	125	Utah.....	39	51	51	66	80
Kansas.....	85	105	115	126	142	Vermont.....	15	19	24	25	30
Kentucky.....	161	168	188	194	225	Virginia.....	174	212	221	243	269
Louisiana.....	301	384	415	431	466	Washington.....	324	419	532	627	785
Maine.....	81	124	145	170	211	West Virginia.....	176	212	222	249	285
Maryland.....	187	242	255	272	306	Wisconsin.....	172	206	214	238	287
Massachusetts.....	296	389	408	451	510	Wyoming.....	14	37	44	48	47
Michigan.....	626	673	665	733	782	Federal programs:					
Minnesota.....	258	336	348	374	431	Civilian					
Mississippi.....	60	71	75	83	98	employees.....	776	899	919	1,004	1,055
Missouri.....	124	152	172	195	239	Black lung					
Montana.....	41	56	66	79	102	benefits <sup>1</sup> .....	1,739	1,667	1,691	1,641	1,603
Nebraska.....	43	53	57	61	65	Other <sup>2</sup> .....	8	6	6	9	7

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

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

## NO. 585. BLACK LUNG BENEFIT PROGRAM—BENEFICIARIES AND PAYMENTS: 1975 TO 1987

[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	1984	1985	1986	1987, est.	1975	1980	1984	1985
Beneficiaries, total <sup>1</sup> .....	492	399	314	295	278	252	(NA)	198	163	160
Miners.....	165	120	86	78	70	62	(NA)	53	63	61
Widows.....	139	147	141	138	135	130	(NA)	27	37	38
Dependents <sup>2</sup> .....	177	133	87	79	70	60	(NA)	59	64	62
Payments (mil. dol.).....	950	1,030	1,038	1,025	971	930	10	707	595	583

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

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

## NO. 586. PERSONS WITH WORK DISABILITY BY SELECTED CHARACTERISTICS: 1987

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

AGE AND PARTICIPATION STATUS IN ASSISTANCE PROGRAMS	Total <sup>1</sup>	Male	Female	White	Black	Hispanic <sup>2</sup>
<b>Persons with work disability</b> .....	<b>13,353</b>	<b>6,917</b>	<b>6,436</b>	<b>10,699</b>	<b>12,336</b>	<b>934</b>
16-24 years old.....	1,177	647	530	899	233	114
25-34 years old.....	2,292	1,252	1,040	1,784	441	172
35-44 years old.....	2,508	1,360	1,149	2,014	440	191
45-54 years old.....	2,522	1,263	1,258	1,963	487	175
55-64 years old.....	4,854	2,394	2,459	4,039	735	282
<b>Percent work disabled of total population</b> .....	<b>8.6</b>	<b>9.1</b>	<b>8.1</b>	<b>8.1</b>	<b>13.0</b>	<b>7.9</b>
16-24 years old.....	3.5	3.8	3.1	3.21	4.9	3.4
25-34 years old.....	5.4	5.9	4.8	5.0	8.5	4.8
35-44 years old.....	7.5	8.2	6.7	7.0	12.4	7.8
45-54 years old.....	11.0	11.3	10.6	9.9	20.0	12.0
55-64 years old.....	22.2	23.3	21.2	20.9	35.6	27.0
<b>Percent of work disabled—Receiving Social Security income</b> .....	<b>28.2</b>	<b>30.0</b>	<b>26.2</b>	<b>29.3</b>	<b>24.7</b>	<b>24.0</b>
Receiving food stamps.....	18.6	14.4	23.2	15.0	35.1	27.3
Covered by Medicaid.....	20.7	15.8	25.9	17.6	34.4	29.3
Residing in public housing.....	4.1	2.2	6.2	2.4	11.9	6.7
Residing in subsidized housing.....	2.2	1.3	3.1	1.9	3.7	2.0

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

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

## NO. 587. VOCATIONAL REHABILITATION—SUMMARY: 1970 TO 1986

[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	1981	1982	1983	1984	1985	1986
Federal and State expenditures <sup>1</sup> .....	Mil. dol.....	558	867	2,078	1,118	1,167	1,254	1,366	1,452	1,506
Federal expenditures.....	Mil. dol.....	432	673	2,817	850	858	937	1,038	1,100	1,144
Applicants processed for program eligibility.....	1,000.....	608	837	717	681	594	602	594	594	594
Percent accepted into program.....	Percent.....	68	64	58	55	56	58	58	60	58
Total persons rehabilitated <sup>2</sup> .....	1,000.....	267.0	324.0	277.1	255.9	226.9	216.2	225.6	227.7	223.4
Rehabilitation rate <sup>3</sup> .....	Percent.....	77	70	64	62	61	62	63	64	64
Severely disabled persons rehabilitated <sup>4</sup> .....	1,000.....	(NA)	115.7	142.5	138.4	129.9	124.2	132.7	135.2	135.3
Rehabilitation rate <sup>5</sup> .....	Percent.....	(NA)	(NA)	61	59	59	59	61	62	62
Percent of total persons rehabilitated.....	Percent.....	(NA)	36	51	54	57	57	58	59	61
Persons served total <sup>6</sup> .....	1,000.....	876	1,244	1,095	1,038	959	939	936	932	924
Persons served, severely disabled <sup>6</sup> .....	1,000.....	(NA)	(NA)	606	601	572	562	565	581	580
Percent of total persons served.....	Percent.....	(NA)	(NA)	55	58	60	60	60	62	63

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

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



**NO. 588. PUBLIC AID—RECIPIENTS OF AND AVERAGE MONTHLY CASH PAYMENTS UNDER  
SUPPLEMENTAL SECURITY INCOME AND PUBLIC ASSISTANCE: 1970 TO 1986**

(In thousands, except as indicated. As of December, except as noted. Public assistance data for all years include Puerto Rico, Guam, and Virgin Islands. SSI: Supplemental security income. SSI data are for federally administered payments only; see text, p. 332. Excludes vendor payments for medical care (i.e., payments made directly to suppliers of medical care). Beginning 1974, Federal SSI program replaced Federal grants for aid to the aged, blind, and disabled in the 50 States and DC; such grants continued for Puerto Rico, Guam, and Virgin Islands. Residents of Northern Mariana Islands became eligible for SSI in 1978. See also Appendix III and *Historical Statistics, Colonial Times to 1970*, series H 355-367)

PROGRAM	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
<b>Recipients of payments:</b>											
SSI, total <sup>1</sup> .....	(X)	4,314	4,217	4,150	4,142	4,019	3,858	3,901	4,029	4,138	4,269
Percent also receiving Social Security.....	(X)	52.7	51.7	51.4	51.0	50.2	49.4	49.5	49.6	49.4	48.9
Male.....	(X)	1,532	1,454	1,423	1,423	1,380	1,321	1,346	1,403	1,457	1,524
Female.....	(X)	2,770	2,757	2,722	2,715	2,639	2,534	2,552	2,624	2,681	2,745
White.....	(X)	2,755	2,733	2,684	2,636	2,517	2,335	2,275	2,255	2,255	2,286
Black.....	(X)	1,120	1,153	1,141	1,138	1,105	1,043	1,026	1,032	1,047	1,078
Aged.....	(X)	2,307	1,968	1,872	1,808	1,678	1,549	1,515	1,530	1,504	1,473
Blind.....	(X)	74	77	77	78	79	77	79	81	82	83
Disabled.....	(X)	1,933	2,172	2,201	2,256	2,262	2,231	2,307	2,419	2,551	2,713
Old-age assistance <sup>2</sup> .....	2,061	18	19	19	19	19	19	18	18	18	17
Aid to the blind <sup>2</sup> .....	80	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Aid to permanently, totally disabled <sup>2</sup> .....	877	17	19	20	21	22	22	22	23	23	24
AFDC: <sup>3</sup>											
Families.....	2,552	3,568	3,489	3,560	3,843	3,633	3,596	3,721	3,674	3,721	3,777
Recipients <sup>4</sup> .....	9,659	11,404	10,349	10,379	11,101	10,613	10,504	10,865	10,740	10,924	11,065
Children.....	7,033	8,106	7,226	7,207	7,599	7,125	6,972	7,130	7,114	7,247	7,374
General assistance cases.....	547	692	620	696	796	861	1,019	1,088	1,080	1,051	966
<b>Average monthly payments (dol.):</b>											
SSI, total.....	(X)	114	130	156	168	183	196	212	219	226	244
Aged.....	(X)	91	100	123	128	138	146	158	158	164	174
Blind.....	(X)	147	164	212	213	228	242	256	285	274	287
Disabled.....	(X)	141	155	182	198	214	229	245	256	261	282
Old-age assistance <sup>2</sup> .....	75	21	22	42	39	41	36	36	36	36	(NA)
Aid to the blind <sup>2</sup> .....	102	15	19	39	36	43	37	36	37	39	(NA)
Aid to permanently, totally disabled <sup>2</sup> .....	95	15	17	38	35	40	37	37	37	38	(NA)
AFDC: <sup>3</sup>											
Families.....	190	229	256	271	288	302	310	321	335	341	359
Recipients.....	50	72	86	93	100	103	106	110	115	118	122
General assistance cases.....	112	144	157	157	161	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. X Not applicable. Z Fewer than 500. <sup>1</sup> Includes items not shown separately. <sup>2</sup> Average monthly recipients and payments for the year. <sup>3</sup> Aid to Families with Dependent Children program. <sup>4</sup> Includes the children and one or both parents, or one caretaker relative other than a parent, in families where the needs of such adults were considered in determining the amount of assistance.

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

**NO. 589. PUBLIC AID PAYMENTS: 1970 TO 1986**

(In millions of dollars. See headnote, table 588. 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	1978	1979	1980	1981	1982	1983	1984	1985	1986
<b>Payments, total <sup>1</sup>.....</b>	<b>8,443</b>	<b>16,313</b>	<b>16,577</b>	<b>19,477</b>	<b>21,994</b>	<b>21,716</b>	<b>21,979</b>	<b>23,385</b>	<b>25,035</b>	<b>26,431</b>	(NA)
<b>Supplemental Security income.....</b>	(X)	5,878	6,552	7,075	7,941	8,593	8,981	9,404	10,371	11,060	*12,081
Aged.....	(X)	2,605	2,433	2,526	2,734	2,818	2,824	2,814	2,973	3,035	3,096
Blind.....	(X)	131	152	166	190	206	217	229	249	284	277
Disabled.....	(X)	3,142	3,966	4,381	5,014	5,566	5,909	6,357	7,143	7,755	8,700
<b>Public assistance <sup>1</sup>.....</b>	<b>8,443</b>	<b>10,434</b>	<b>12,024</b>	<b>12,402</b>	<b>14,048</b>	<b>13,123</b>	<b>12,998</b>	<b>13,981</b>	<b>14,664</b>	<b>15,371</b>	(NA)
Old-age assistance.....	1,862	5	5	9	9	9	8	8	8	8	(NA)
Blind.....	98	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(NA)
Permanently, totally disabled.....	1,000	3	4	9	9	10	10	10	10	10	(NA)
Families with dependent children.....	4,853	9,211	10,729	11,069	12,475	12,981	12,878	13,838	14,505	15,196	(NA)
Emergency assistance.....	11	78	81	84	113	123	102	125	141	157	(NA)
General assistance.....	618	1,138	1,205	1,231	1,442	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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

Source: U.S. Social Security Administration, *Public Assistance Statistics*, monthly and unpublished data.

No. 590. AID TO FAMILIES WITH DEPENDENT CHILDREN (AFDC) AND SUPPLEMENTAL SECURITY INCOME (SSI)—RECIPIENTS AND PAYMENTS, STATES AND OTHER AREAS: 1980 TO 1986

[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 II]

DIVISION AND STATE OR OTHER AREA	AFDC						SSI				PUBLIC AID RECIPIENTS AS PERCENT OF POPULATION <sup>2</sup>	
	Recipients <sup>1</sup> (1,000)			Payments for year (mil. dol.)		Average monthly payment per family, 1985	Recipients (1,000)		Payments for year (mil. dol.)		1980	1986
	1980	1985	1986	1980	1985		1980	1986	1980	1986		
<b>Total</b> .....	<b>11,101</b>	<b>10,924</b>	<b>11,065</b>	<b>12,475</b>	<b>15,196</b>	<b>\$342</b>	<b>2,414</b>	<b>2,429</b>	<b>7,715</b>	<b>11,741</b>	(x)	(x)
<b>U.S.</b> .....	<b>10,923</b>	<b>10,738</b>	<b>10,875</b>	<b>12,409</b>	<b>15,126</b>	(NA)	<b>4,142</b>	<b>4,289</b>	<b>7,690</b>	<b>11,740</b>	6.5	6.2
<b>N. Eng.</b> .....	<b>847</b>	<b>493</b>	<b>480</b>	<b>910</b>	<b>863</b>	(NA)	<b>194.0</b>	<b>195.8</b>	<b>356</b>	<b>513</b>	6.9	5.3
<b>ME</b> .....	58	58	56	60	81	336	21.6	22.5	29	46	7.4	6.9
<b>NH</b> .....	24	13	11	27	20	318	5.4	6.5	8	15	3.0	1.9
<b>VT</b> .....	24	22	22	32	38	408	8.9	9.5	16	25	6.4	5.6
<b>MA</b> .....	346	236	235	510	426	408	123.6	113.0	241	311	8.3	5.9
<b>RI</b> .....	54	44	43	72	75	393	15.0	16.1	25	42	7.2	6.2
<b>CT</b> .....	140	119	113	209	223	450	23.4	22.2	39	57	5.2	4.5
<b>Mid. Atl.</b> .....	<b>2,216</b>	<b>2,043</b>	<b>1,989</b>	<b>2,954</b>	<b>3,279</b>	(NA)	<b>614.5</b>	<b>632.2</b>	<b>1,259</b>	<b>1,937</b>	7.6	7.1
<b>NY</b> .....	1,110	1,101	1,079	1,823	2,029	453	365.5	366.8	791	1,188	8.4	8.2
<b>NJ</b> .....	469	360	343	560	499	336	85.8	95.2	158	274	7.4	5.8
<b>PA</b> .....	637	582	567	771	751	335	163.2	170.2	312	475	6.7	6.3
<b>E. No. Cent.</b> .....	<b>2,419</b>	<b>2,538</b>	<b>2,494</b>	<b>2,838</b>	<b>3,570</b>	(NA)	<b>466.3</b>	<b>532.7</b>	<b>827</b>	<b>1,441</b>	6.6	7.4
<b>OH</b> .....	572	672	667	561	773	287	119.3	133.9	200	347	6.0	7.5
<b>IN</b> .....	170	163	153	139	153	224	41.4	50.9	60	123	3.7	3.8
<b>IL</b> .....	691	733	731	722	881	307	123.6	145.3	207	397	7.0	7.6
<b>MI</b> .....	753	673	653	1,063	1,194	446	113.8	127.0	237	367	6.9	8.7
<b>WI</b> .....	232	297	290	353	568	490	68.3	75.6	124	208	6.1	7.8
<b>W. No. Cent.</b> .....	<b>614</b>	<b>622</b>	<b>636</b>	<b>697</b>	<b>849</b>	(NA)	<b>190.3</b>	<b>194.9</b>	<b>270</b>	<b>433</b>	4.5	4.7
<b>MN</b> .....	146	157	160	207	309	495	31.9	34.2	42	73	4.2	4.6
<b>IA</b> .....	111	124	122	144	190	332	25.6	28.8	34	61	4.6	5.4
<b>MO</b> .....	216	199	202	162	198	250	84.4	80.3	126	189	5.9	5.5
<b>ND</b> .....	13	13	14	16	18	341	6.5	6.7	9	14	3.0	3.0
<b>SD</b> .....	19	17	18	19	18	256	8.0	8.7	10	18	4.2	3.7
<b>NE</b> .....	38	46	47	42	59	319	13.7	14.1	19	31	3.2	3.9
<b>KS</b> .....	72	67	73	87	86	315	20.4	21.9	28	47	3.8	3.7
<b>So. Atl.</b> .....	<b>1,463</b>	<b>1,357</b>	<b>1,362</b>	<b>1,125</b>	<b>1,325</b>	(NA)	<b>744.4</b>	<b>779.6</b>	<b>1,173</b>	<b>1,843</b>	5.8	5.2
<b>DE</b> .....	34	22	21	32	26	246	7.2	7.7	11	18	6.8	4.6
<b>MD</b> .....	220	198	186	214	244	283	48.3	53.2	82	138	6.1	5.5
<b>DC</b> .....	82	56	54	92	76	286	15.1	16.4	31	47	15.5	11.3
<b>VA</b> .....	176	155	151	160	173	246	80.6	87.3	120	197	4.6	4.1
<b>WV</b> .....	80	114	115	60	94	230	41.0	43.5	72	113	6.0	8.2
<b>NC</b> .....	202	175	173	154	167	217	140.6	140.3	210	314	5.8	5.0
<b>SC</b> .....	156	128	130	72	95	181	83.4	87.5	124	192	7.6	6.5
<b>GA</b> .....	234	234	246	138	200	199	154.5	154.5	233	342	6.9	6.4
<b>FL</b> .....	279	276	286	203	249	215	173.6	189.2	291	482	4.4	3.9
<b>E. So. Cent.</b> .....	<b>704</b>	<b>624</b>	<b>647</b>	<b>366</b>	<b>365</b>	(NA)	<b>470.1</b>	<b>473.1</b>	<b>716</b>	<b>1,075</b>	7.9	7.2
<b>KY</b> .....	175	161	161	136	138	194	93.7	100.6	151	245	7.2	7.0
<b>TN</b> .....	174	159	177	85	92	134	130.6	129.3	199	295	6.4	6.1
<b>AL</b> .....	178	148	139	84	70	113	134.1	131.1	195	286	8.1	6.8
<b>MS</b> .....	176	157	170	61	64	104	111.8	112.1	171	250	11.4	10.4
<b>W. So. Cent.</b> .....	<b>716</b>	<b>788</b>	<b>873</b>	<b>401</b>	<b>530</b>	(NA)	<b>543.3</b>	<b>526.0</b>	<b>793</b>	<b>1,146</b>	5.2	5.0
<b>AR</b> .....	85	65	66	51	43	164	77.8	73.8	107	150	7.2	5.9
<b>LA</b> .....	219	237	256	124	156	168	136.5	126.2	221	304	8.3	8.2
<b>OK</b> .....	92	87	94	92	91	264	67.3	59.2	100	129	5.2	4.5
<b>TX</b> .....	320	399	459	194	241	162	261.7	264.8	365	563	4.3	4.1
<b>MT</b> .....	302	312	341	274	347	(NA)	<b>116.2</b>	<b>130.9</b>	<b>168</b>	<b>321</b>	3.5	3.5
<b>WY</b> .....	20	25	27	18	33	341	6.8	8.0	11	19	3.4	4.2
<b>ID</b> .....	20	16	17	24	19	254	5.8	6.7	11	20	3.1	2.6
<b>WY</b> .....	7	10	11	9	14	307	5.8	5.5	9	6	1.9	2.7
<b>CO</b> .....	81	83	89	81	100	300	30.5	31.3	48	75	3.7	3.5
<b>NM</b> .....	56	51	54	42	51	237	25.4	27.5	41	66	6.1	5.3
<b>AZ</b> .....	60	72	83	40	65	213	29.6	35.1	53	92	3.0	3.3
<b>UT</b> .....	44	38	42	48	52	334	57.8	9.2	11	23	3.2	3.0
<b>NV</b> .....	14	15	17	11	13	217	6.8	8.6	11	21	2.3	2.5
<b>Pac.</b> .....	<b>1,843</b>	<b>1,963</b>	<b>2,054</b>	<b>2,844</b>	<b>3,998</b>	(NA)	<b>798.2</b>	<b>803.4</b>	<b>2,108</b>	<b>3,032</b>	7.9	7.8
<b>WA</b> .....	173	189	210	251	340	430	45.3	50.6	85	140	4.9	5.6
<b>OR</b> .....	94	78	81	147	111	325	22.2	26.8	35	66	4.9	4.2
<b>CA</b> .....	1,498	1,631	1,701	2,328	3,427	514	717.5	710.6	1,962	2,782	8.8	8.7
<b>AK</b> .....	16	16	18	27	42	550	3.1	3.6	5	10	4.6	4.0
<b>HI</b> .....	61	49	44	91	77	404	10.2	11.8	20	34	7.3	5.4
<b>PR</b> .....	170	175	181	60	83	99	(x)	(x)	(x)	(x)	(x)	(x)
<b>GU</b> .....	5	6	5	3	4	229	(x)	(x)	(x)	(x)	(x)	(x)
<b>VI</b> .....	3	4	4	2	3	167	(x)	(x)	(x)	(x)	(x)	(x)
<b>N. Mariana</b> .....	(x)	(x)	(x)	(x)	(x)	(x)	6	6	1	2	(x)	(x)

NA Not available. X Not applicable. <sup>1</sup> See footnote 4, table 588. <sup>2</sup> Data compiled by U.S. Bureau of the Census. Total recipients as of June of AFDC and of Federal SSI as percent of resident population. For population figures used, see table 21. <sup>3</sup> SSI totals include small number of recipients whose residence was "unknown." <sup>4</sup> 1980 figures include payments to Indochina refugees (total, \$23.5 million) which were not available by State. In addition, for all years, totals were reduced to reflect returned checks and overpayment refunds. <sup>5</sup> Data for persons with Federal SSI payments only; State has State-administered supplementation. <sup>6</sup> Data for persons with Federal SSI payments only; State supplementary payments not made.

No. 591. FEDERAL FOOD PROGRAMS: 1970 TO 1986

[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	1979	1980	1981	1982	1983	1984	1985	1986
<b>Food Stamp:</b>											
Participants.....	Million.....	4.3	17.1	17.7	21.1	22.4	21.7	21.6	20.9	19.9	19.4
Federal cost.....	Mill. dol.....	550	4,366	6,480	8,721	10,630	10,208	11,152	10,696	10,744	10,605
<b>Nutrition assistance program for Puerto Rico:<sup>1</sup></b>											
Federal cost.....	Mill. dol.....	(x)	(x)	(x)	(x)	(x)	207	825	825	825	820
<b>National school lunch program (NSLP):<sup>2</sup></b>											
Free lunches served.....	Million.....	739	1,638	1,623	1,671	1,737	1,622	1,714	1,702	1,656	1,678
Reduced-price lunches served.....	Million.....	(NA)	(NA)	278	308	312	262	253	248	254	257
Children participating <sup>3</sup> .....	Million.....	22.4	24.9	27.0	26.6	25.8	22.9	23.0	23.4	23.6	23.7
Federal cost.....	Mill. dol.....	300	1,289	1,984	2,279	2,381	2,185	2,402	2,508	2,579	2,714
<b>School breakfast (SB):</b>											
Children participating <sup>3</sup> .....	Million.....	.5	1.8	3.3	3.6	3.8	3.3	3.4	3.4	3.4	3.5
Federal cost.....	Mill. dol.....	11	86	231	288	332	317	344	384	380	406
<b>Special school milk:</b>											
Quantity reimbursed.....	Mill. ½ pt.....	2,902	2,139	1,821	1,798	1,534	202	189	174	167	162
Federal cost.....	Mill. dol.....	101	123	134	145	101	18	17	17	16	15
<b>Women-infant-children:<sup>4</sup></b>											
Participants.....	Million.....	(x)	.5	1.6	2.0	2.2	2.3	2.6	3.2	3.3	3.5
Federal cost.....	Mill. dol.....	(x)	94	444	803	729	785	937	1,156	1,235	1,304
<b>Child care feeding (CC):<sup>5</sup></b>											
Children participating <sup>6</sup> .....	Million.....	.1	.4	.6	.7	.8	.9	.9	.9	1.0	1.1
Federal cost.....	Mill. dol.....	6	46	164	210	293	268	304	347	390	427
<b>Summer feeding (SF):<sup>7</sup></b>											
Children participating <sup>8</sup> .....	Million.....	2	1.8	2.1	1.9	1.9	1.4	1.4	1.4	1.5	1.5
Federal cost.....	Mill. dol.....	2	50	106	106	101	81	95	101	101	106
<b>Needy family commodity:</b>											
Participants.....	Million.....	3.8	.3	.1	.1	.1	.1	.1	.1	.1	.1
Federal cost.....	Mill. dol.....	282	39	18	24	29	33	35	40	49	47
<b>Nutrition program for the elderly:</b>											
Meals served.....	Million.....	(x)	11	154	166	184	189	201	213	225	228
Federal cost.....	Mill. dol.....	(x)	2	58	75	94	101	120	127	127	137
<b>Federal cost of commodities donated to:<sup>9</sup></b>											
Child nutrition (NSLP, CC, SF and SB).....	Mill. dol.....	265	431	760	930	922	795	799	853	830	867
Charitable institutions, summer camps.....	Mill. dol.....	23	20	54	71	78	111	151	190	170	240
Emergency feeding <sup>10</sup> .....	Mill. dol.....	(x)	(x)	(x)	(x)	(x)	180	1,002	1,032	973	846

NA Not available. X Not applicable. <sup>1</sup> Puerto Rico was included in the Food Stamp Program until June 30, 1982. <sup>2</sup> See headline, table 593. <sup>3</sup> Nine month (September through May) average daily meals (lunches or breakfasts) served divided by the ratio of average daily attendance to enrollment. <sup>4</sup> Covers special supplemental food program (WIC) and commodity supplemental food program. <sup>5</sup> Program provides year-round subsidies to feed preschool children in child care centers and family day care homes. <sup>6</sup> Annual average daily attendance at participating institutions. <sup>7</sup> Program provides free meals to children in poor areas during summer months. <sup>8</sup> Peak month (July) average daily attendance at participating institutions. <sup>9</sup> Includes the Federal cost of commodity entitlements, cash-in-lieu of commodities, and bonus foods. <sup>10</sup> Provides free commodities to needy persons for home consumption through food banks, hunger centers, soup kitchens, and similar non-profit agencies.

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

No. 592. 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 <sup>1</sup> (1,000)	Average monthly participation (1,000)	Federal govt. contributions, total (mil. dol.)	YEAR	Participants <sup>1</sup> (1,000)	Average monthly participation (1,000)	Federal govt. contributions, total (mil. dol.)
1970.....	6,457	4,340	550	1979.....	19,323	17,652	6,480
1971.....	10,549	9,368	1,523	1980.....	22,025	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.....	20,057	21,717	10,208
1974.....	13,524	12,862	2,718	1983.....	21,067	21,825	11,152
1975.....	19,197	17,064	4,386	1984.....	19,765	20,854	10,696
1976.....	17,982	18,549	5,327	1985.....	19,198	19,899	10,744
1977.....	16,134	17,077	5,067	1986.....	19,071	19,428	10,605
1978.....	15,248	16,000	5,139				

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

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

**NO. 593. FEDERAL FOOD STAMP AND NATIONAL SCHOOL LUNCH PROGRAMS—STATES AND OTHER AREAS: 1980 AND 1986**

[Cost data for fiscal year ending in year shown. Food stamp participants, as of end of fiscal year. For explanation of fiscal year, see text, section 9. 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. 1, inside front cover]

REGION, DIVISION, AND STATE	FOOD STAMP PROGRAM			NATIONAL SCHOOL LUNCH PROGRAM			DIVISION AND STATE	FOOD STAMP PROGRAM			NATIONAL SCHOOL LUNCH PROGRAM		
	Persons (1,000)		Cost (mil. dol.)	Persons (1,000)		Cost (mil. dol.)		Persons (1,000)		Cost (mil. dol.)	Persons (1,000)		Cost (mil. dol.)
	1980	1986	1986	1980	1986	1986		1980	1986	1986	1980	1986	1986
<b>Total</b> <sup>1</sup> .....	22,028	19,071	10,605	27,011	24,263	2,714							
<b>U.S.</b> .....	20,115	19,025	10,567	26,384	23,622	2,599							
<b>Region:</b>													
<b>Northeast</b> .....	4,379	3,721	2,057	4,969	4,030	448	So. Atl.—						
<b>Midwest</b> .....	4,340	4,925	2,874	6,767	5,786	540	<b>Con.</b> .....						
<b>South</b> .....	8,396	7,347	4,157	10,464	9,808	1,108	DC.....	104	65	37	57	49	9
<b>West</b> .....	3,000	3,033	1,479	4,184	3,998	502	VA.....	412	331	181	717	617	53
<b>N. Eng.</b> .....	945	662	335	1,368	1,008	92	WV.....	216	267	156	245	216	27
ME.....	139	104	57	146	113	12	NC.....	592	424	226	887	910	84
NH.....	53	21	12	101	84	6	SC.....	444	309	179	499	477	58
VT.....	46	34	18	59	46	4	GA.....	658	492	270	894	897	91
MA.....	446	315	158	703	483	42	FL.....	937	601	362	1,055	1,004	119
RI.....	87	63	33	69	58	7	E. So. Cent.....	2,283	1,994	1,140	2,252	2,120	251
CT.....	174	124	55	288	224	21	KY.....	485	518	320	567	511	56
<b>Mid. Atl.</b> .....	3,434	3,059	1,722	3,603	3,022	356	TN.....	674	501	278	648	607	62
NY.....	1,804	1,673	935	1,593	1,487	205	AL.....	606	481	278	607	585	71
NJ.....	600	392	240	579	434	59	MS.....	518	495	263	430	417	63
PA.....	1,030	894	547	1,331	1,024	59	W. So. Cent.....	2,302	2,573	1,419	3,366	3,222	377
<b>E. No. Cent.</b> .....	3,382	3,813	2,288	4,401	3,724	372	AR.....	301	231	121	356	298	36
OH.....	928	1,111	702	1,156	1,018	100	LA.....	584	700	390	767	728	86
IN.....	399	349	223	717	618	44	OK.....	214	268	139	408	369	38
IL.....	915	1,082	707	1,129	929	117	TX.....	1,203	1,374	769	1,835	1,826	219
MI.....	903	900	505	866	721	74	<b>Mt.</b> .....	818	796	450	1,352	1,313	127
WI.....	237	360	151	533	443	38	MT.....	45	58	32	104	85	8
<b>W. No. Cent.</b> .....	958	1,111	585	2,366	2,063	167	ID.....	65	56	35	120	122	11
MN.....	188	230	108	556	469	34	WY.....	15	28	16	51	71	4
IA.....	158	205	110	439	388	28	CO.....	173	184	102	299	288	25
MO.....	364	374	208	664	539	51	NM.....	191	152	88	174	173	24
ND.....	28	35	18	93	93	7	AZ.....	227	203	112	291	274	32
SD.....	46	53	29	101	98	10	UT.....	65	80	42	233	245	18
NE.....	72	95	48	203	187	15	NV.....	37	35	23	80	55	6
KS.....	104	119	65	308	288	22	Pac.....	2,182	2,237	1,030	2,832	2,684	375
<b>So. Atl.</b> .....	3,811	2,780	1,598	4,846	4,467	480	WA.....	260	295	148	354	328	35
DE.....	53	31	18	68	54	5	OR.....	213	215	141	277	233	23
MD.....	335	261	170	434	342	34	CA.....	1,571	1,611	627	2,006	1,936	296
							AK.....	32	27	24	33	39	7
							HI.....	106	89	90	162	148	15

<sup>1</sup> Includes Puerto Rico, other outlying areas and Dept. of Defense overseas. After July 1, 1982 Puerto Rico was dropped from Food Stamp program and transferred to a nutrition assistance program.

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

**NO. 594. ADOPTIONS BY RELATIONSHIP OF PETITIONER, 1960 TO 1982, AND FOREIGN ADOPTIONS, 1975 TO 1986**

[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						FOREIGN ADOPTIONS		
	Total	Related petitioners	Unrelated petitioners by type of agency making placement				YEAR AND COUNTRY OF ORIGIN OF ADOPTEE		
			Total	Public agency	Private agency	Independent	Number	Percent distribution	
<b>Number:</b>									
1960.....	107,000	49,200	57,800	13,300	20,800	23,700	1975.....	5,633	100.0
1965.....	142,000	65,300	76,700	20,700	32,200	23,800	1980.....	5,139	100.0
1970.....	175,000	85,800	89,200	29,500	40,100	19,600	1982.....	4,868	100.0
1975.....	129,000	81,300	47,700	18,600	18,100	11,000	1983.....	5,749	100.0
1982.....	141,861	91,141	50,720	19,428	14,549	16,743	1984.....	7,127	100.0
							1985.....	8,327	100.0
<b>Percent distribution:</b>							1986.....	9,286	100.0
1960.....	100.0	46.0	54.0	12.4	19.4	22.1	1986, total <sup>1</sup> .....	9,945	100.0
1965.....	100.0	46.0	54.0	14.8	22.7	18.8	South Korea.....	6,188	62.2
1970.....	100.0	49.0	51.0	16.9	22.9	11.2	Philippines.....	634	6.4
1975.....	100.0	63.0	37.0	14.4	14.0	8.5	India.....	588	5.9
1982.....	100.0	64.2	35.8	13.7	10.3	11.8	Colombia.....	550	5.5
							Chile.....	317	3.2

<sup>1</sup> Includes other countries, not shown separately.

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

## NO. 595. ORPHANS, BY TYPE: 1960 TO 1986

[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
1981.....	2,760	1,991	721	47	4.2	3.0	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	(2)
1986.....	2,267	1,659	576	30	3.5	2.5	.9	(2)

Z Less than .05 percent.

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

## NO. 596. 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 <sup>1</sup>	Part time		Full time <sup>1</sup>	Part time				
<b>Total.....</b>	<b>26,455</b>	<b>16,812</b>	<b>9,643</b>	<b>8,168</b>	<b>5,060</b>	<b>3,108</b>	<b>1,385</b>	<b>3,267</b>	<b>3,516</b>	<b>18,287</b>
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	1,262	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	499
By nonrelative.....	667	385	302	479	251	228	118	165	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	358	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 <sup>2</sup> .....	1,245	497	748	663	252	412	112	267	285	581
PERCENT DISTRIBUTION										
<b>Total.....</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
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 <sup>2</sup> .....	4.7	3.0	7.6	6.1	5.0	13.3	8.1	8.2	8.1	3.2

X Not applicable. <sup>1</sup> Full-time jobs comprise 35 hours or more per week. <sup>2</sup> 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. 597. CHILD SUPPORT AND ALIMONY—SELECTED CHARACTERISTICS OF WOMEN: 1985

[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 <sup>1</sup>	CURRENT MARITAL STATUS				RACE			AGE		
			Divorced	Married <sup>2</sup>	Single <sup>3</sup>	Separated	White	Black	Hispanic <sup>4</sup>	18 to 29 years	30 to 39 years	40 years and over
<b>CHILD SUPPORT</b>												
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 <sup>5</sup> .....	1,000	5,396	2,492	1,904	370	587	4,476	839	342	1,288	2,547	1,581
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	1,589	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
<b>Women with incomes below the poverty level in 1985, total.....</b>												
1,000	2,797	795	180	1,159	646	1,589	1,190	414	1,419	920	458	
Payments awarded <sup>5</sup> .....	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
<b>ALIMONY</b>												
All women, total.....	1,000	19,158	8,000	7,361	(x)	2,610	16,039	2,766	1,196	2,817	5,678	10,662
Payments awarded <sup>5</sup> .....	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
<b>Women with incomes below the poverty level in 1985, total.....</b>												
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. <sup>1</sup> Includes other items, not shown separately. <sup>2</sup> Remarried women whose previous marriage ended in divorce. <sup>3</sup> Never-married women. <sup>4</sup> Hispanic women may be of any race. <sup>5</sup> 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. 598. 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 41, 42, 174, and 175.]

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	16,036
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. 599. PERCENT OF ADULT POPULATION DOING VOLUNTEER WORK: 1981 AND 1985**

[Covers persons 14 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, and 1985 data were collected in October 1985 as part of Gallup Poll. Based on a sample and subject to sampling variability, see source. NA Not available]

AGE AND SEX	1981	1985	EDUCATIONAL ATTAINMENT AND HOUSEHOLD INCOME	1981		1985		TYPE OF ACTIVITY	1981	1985
				Percent of volunteers	Involved in—	Percent of volunteers	Involved in—			
<b>Total</b> .....	<b>52</b>	<b>48</b>	<b>Grade school</b> .....	<b>26</b>	<b>29</b>	<b>Percent of volunteers involved in—</b>				
14-17 years old.....	53	52	High school, 1-3 yrs.....	31	38	Religious organizations.....	37	48		
18-24 years old.....	54	43	High school, 4 yrs.....	54	46	Education.....	23	27		
25-34 years old.....	55	53	College, 1-3 yrs.....	65	61	Recreation.....	13	21		
35-49 years old.....		54	College, 4 yrs. or more.....	75	65	Health.....	23	19		
50-64 years old.....	37	44	Under \$10,000.....	36	40	Civil, social, fraternal organizations.....	12	17		
65-74 years old.....		43	\$10,000-\$19,999.....	49	42	Social services, welfare.....	10	15		
75 years old and over.....		26	\$20,000-\$39,999.....	64	52	Community action.....	12	8		
Male.....		47	45	\$20,000-\$29,999.....	(NA)	44	Political organizations.....	12	8	
Female.....	56	51	\$30,000-\$39,999.....	(NA)	64	Informal, alone.....	44	40		
			\$40,000 and over.....	62	60	General fund-raisers.....	12	23		

Source: Independent Sector, Washington, DC, *Americans Volunteer 1985*, April 1986. (Copyright.)

**No. 600. PRIVATE PHILANTHROPY FUNDS, BY SOURCE AND ALLOCATION: 1970 TO 1986**

[In billions of dollars. Estimates for sources of funds based largely on reports of the U.S. Internal Revenue Service for itemized deductions, corporate profits, and bequests. Data adjusted for nonitemized IRS deductions and after comparison with levels of gross national product, personal income, population, and publicly reported large bequests. For bases of allocation of funds, see source. See *Historical Statistics, Colonial Times to 1970*, series H 398-411, for similar but not comparable data]

SOURCE AND ALLOCATION	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
<b>Total funds</b> .....	<b>21.0</b>	<b>28.8</b>	<b>32.1</b>	<b>36.3</b>	<b>39.0</b>	<b>43.7</b>	<b>48.7</b>	<b>55.5</b>	<b>60.0</b>	<b>65.0</b>	<b>73.3</b>	<b>79.8</b>	<b>87.2</b>
Individuals.....	16.2	23.5	26.3	29.6	32.1	36.6	40.7	46.4	48.5	53.5	60.7	66.1	71.7
Foundations.....	1.9	1.7	1.9	2.0	2.2	2.4	2.8	3.1	3.2	3.6	4.0	4.3	5.2
Corporations.....	.8	1.2	1.5	1.8	2.1	2.3	2.4	2.5	2.9	3.3	3.8	4.3	4.5
Charitable bequests.....	2.1	2.2	2.4	3.0	2.6	2.2	2.9	3.5	5.5	4.5	4.9	5.2	5.8
Allocation:													
Religion.....	9.3	12.8	14.2	17.0	18.4	20.2	22.2	25.1	28.1	31.6	35.4	37.7	40.9
Health.....	3.4	4.2	4.8	5.0	5.4	6.1	6.7	7.7	8.4	9.2	10.3	11.3	12.3
Education.....	3.3	3.8	4.4	4.8	5.6	6.0	6.9	7.8	8.4	9.0	10.0	11.1	12.7
Human service.....	2.9	2.9	3.0	3.6	3.9	4.5	4.9	5.6	6.3	6.9	7.9	8.6	9.1
Arts, culture and humanities.....	.7	1.6	2.3	2.3	2.4	2.7	3.2	3.7	5.0	4.0	4.5	5.1	5.8
Public/society benefit.....	.5	.8	1.0	1.2	1.1	1.2	1.5	1.8	1.7	1.6	1.9	2.2	2.4
Other.....	.9	2.6	2.4	2.5	2.4	3.0	3.5	3.9	2.2	2.7	3.3	3.9	4.0

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

**No. 601. CHARITABLE CONTRIBUTIONS—SIZE OF CONTRIBUTIONS BY SELECTED CHARACTERISTICS OF POPULATION: 1984**

[Covers population 18 years old and over. Data exclude those respondents who (1) reported giving, but did not report a specific amount; (2) did not respond at all; and (3) reported "not sure or no answer" to particular questions. Based on a sample survey of 1,151 persons and subject to sampling variability; for details, see source]

AGE, MARITAL STATUS, AND HOUSEHOLD INCOME	Average income	MEAN CONTRIBUTION						PERCENT DISTRIBUTION BY SIZE OF CONTRIBUTION		
		Amount			As percent of income			Less than .5 percent of income	1-2 percent of income	3 or more percent of income
		Total	Religious charities	Other charities	Total	Religious charities	Other charities			
<b>Total</b> .....	<b>\$27,300</b>	<b>\$650</b>	<b>\$470</b>	<b>\$180</b>	<b>2.4</b>	<b>1.7</b>	<b>.7</b>	<b>31</b>	<b>43</b>	<b>26</b>
18-30 years old.....	23,300	380	290	80	1.6	1.2	.3	41	40	19
30-34 years old.....	29,000	500	350	150	1.7	1.2	.5			
35-49 years old.....	35,400	810	660	280	2.6	1.9	.7			
50-64 years old.....	29,100	680	570	300	3.0	2.0	1.0	24	45	31
65 years old and over.....	14,900	400	340	70	2.7	2.3	.5			
Single.....	22,900	310	190	120	1.4	.8	.5	47	37	16
Married.....	32,300	840	610	230	2.6	1.9	.7	25	44	31
Divorced/separated.....	19,000	420	250	160	2.1	1.3	.8	41	44	15
Widowed.....	13,900	430	360	80	3.1	2.6	.6	31	47	22
Under \$20,000.....	12,200	270	220	50	2.2	1.8	.4	40	41	19
Under \$10,000.....	5,700	170	130	30	3.0	2.3	.5	(NA)	(NA)	(NA)
\$10,000-19,999.....	14,700	340	280	60	2.3	1.9	.4	(NA)	(NA)	(NA)
\$20,000-39,999.....	29,000	630	480	150	2.2	1.7	.5	27	46	27
\$20,000-29,999.....	25,400	520	400	120	2.1	1.6	.5	(NA)	(NA)	(NA)
\$30,000-39,999.....	35,500	820	620	210	2.3	1.8	.6	(NA)	(NA)	(NA)
\$40,000 and over.....	56,500	1,540	990	560	2.7	1.8	1.0	17	45	38
\$40,000-49,999.....	44,700	1,060	760	310	2.4	1.7	.7	(NA)	(NA)	(NA)
\$50,000 and over.....	66,700	1,940	1,190	770	2.9	1.8	1.2	(NA)	(NA)	(NA)

NA Not available.

Source: Independent Sector, Washington, DC, *The Charitable Behavior of Americans*, 1986. (Copyright by the Rockefeller Brothers Fund.)

No. 602. FOUNDATIONS—NUMBER AND FINANCES BY ASSET SIZE

[Figures are for latest year reported by foundations, usually 1984 or 1985. 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	As-sets (mil. dol.)	Expendi-tures (mil. dol.)	Grants (mil. dol.)	Gifts re-ceived (mil. dol.)	PERCENT DISTRIBUTION				
						Number	As-sets	Expendi-tures	Grants	Gifts re-ceived
<b>Total</b> .....	<b>24,859</b>	<b>74,048</b>	<b>6,228</b>	<b>5,043</b>	<b>3,359</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>
Under \$50,000.....	7,744	127	231	200	149	31	(2)	4	4	4
\$50,000-\$99,999.....	2,714	197	70	64	49	11	(2)	1	1	1
\$100,000-\$249,999.....	4,208	680	137	125	103	17	1	2	2	3
\$250,000-\$499,999.....	2,908	1,040	191	163	128	12	1	3	3	4
\$500,000-\$999,999.....	2,427	1,725	288	237	196	10	2	4	5	6
\$1,000,000-\$4,999,999.....	3,247	7,265	834	703	587	13	10	13	14	17
\$5,000,000-\$9,999,999.....	670	4,671	528	458	326	3	6	8	9	10
\$10,000,000-\$49,999,999.....	733	14,983	1,348	1,124	745	3	20	22	22	22
\$50,000,000-\$99,999,999.....	109	7,819	885	531	332	(2)	11	11	11	11
\$100,000,000 or more.....	99	35,553	1,937	1,440	744	(2)	48	31	29	22

Source: The Foundation Center, New York, NY, *The National Data Book*, 11th edition, 1987.

No. 603. FOUNDATIONS—GRANTS REPORTED, BY SUBJECT FIELD AND RECIPIENT ORGANIZATION: 1982 TO 1986

[Number and type of foundations reporting varies from year to year. Covers grants of \$5,000 or more in size. For 1986, based on reports of 459 foundations which represented about 44 percent of all grant dollars awarded by private foundations. For definition of foundation, see headnote, table 602]

SUBJECT FIELD AND RECIPIENT ORGANIZATION	NUMBER OF GRANTS					AMOUNT						
	1982	1983	1984	1985	1986	Total (mil. dol.)					Percent distribution	
						1982	1983	1984	1985	1986	1982	1986
<b>Total</b> <sup>1</sup> .....	<b>27,121</b>	<b>32,165</b>	<b>35,040</b>	<b>36,320</b>	<b>40,546</b>	<b>1,490</b>	<b>1,793</b>	<b>1,647</b>	<b>2,013</b>	<b>2,217</b>	<b>100.0</b>	<b>100.0</b>
Welfare.....	9,014	10,960	11,174	12,186	13,491	387	509	454	523	586	25.9	28.4
Health.....	4,584	5,347	5,911	6,009	6,488	312	390	391	474	454	20.9	20.5
Education.....	5,145	5,775	6,099	6,059	7,057	356	286	286	338	485	23.8	21.9
Culture.....	4,435	5,151	5,542	6,246	7,334	209	277	229	294	327	14.0	14.7
Science.....	1,544	2,043	2,148	2,286	2,455	96	161	123	177	142	6.4	6.4
Social science.....	1,704	2,225	2,355	2,852	3,138	102	132	126	169	195	6.8	8.8
Religion.....	595	664	812	702	583	28	38	38	38	27	1.8	1.3
Educational institutions.....	8,316	9,454	9,887	9,739	11,294	634	608	578	716	851	42.5	38.4
Direct service agencies.....	7,981	9,600	9,673	11,147	12,875	277	403	354	418	483	18.5	21.8
Hospitals and medical care facilities.....	1,680	1,896	1,903	1,864	2,033	120	130	114	140	138	8.1	6.2
Research institutes.....	1,101	1,357	1,453	1,883	2,174	77	165	147	189	201	5.2	9.1
Associations and profess. societies.....	2,600	3,589	3,904	4,599	5,242	95	134	148	189	215	6.3	9.7
Museums and historical societies.....	1,134	1,258	1,300	1,501	1,824	88	88	91	115	125	5.9	5.6
Performing arts group.....	1,688	1,910	2,031	2,343	2,721	61	82	76	87	96	4.1	4.3
Government agencies.....	669	835	947	921	1,141	47	46	52	69	71	3.2	3.2
Community funds.....	718	993	1,079	959	1,261	43	60	65	67	80	2.9	3.6
Libraries.....	370	378	421	493	570	27	37	25	63	68	1.6	3.1
Churches and temples.....	572	539	745	682	542	25	24	23	29	19	1.7	1.8

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

Source: The Foundation Center, New York, NY, *Foundation Grants Index*, annual.

No. 604. CORPORATE PHILANTHROPY—BENEFICIARIES: 1975 TO 1985

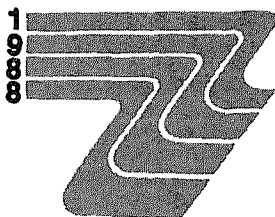
[In millions of dollars, except percent. Based on a sample of corporations that gave at least \$100,000; see source]

BENEFICIARY	1975	1977	1979	1980	1981	1982	1983	1984	1985	
									Total	Percent of total
<b>Total</b> <sup>1</sup> .....	<b>436.8</b>	<b>593.9</b>	<b>835.6</b>	<b>994.6</b>	<b>1,170.6</b>	<b>1,281.6</b>	<b>1,278.4</b>	<b>1,444.3</b>	<b>1,694.7</b>	<b>100.0</b>
Health and human services <sup>1</sup> .....	180.0	227.6	292.6	337.9	393.3	397.3	367.6	399.9	494.1	29.2
Federated drives.....	104.6	128.5	(NA)	170.7	(NA)	182.4	(NA)	193.9	(NA)	(NA)
Other local health, human services.....	20.5	25.0	(NA)	41.7	(NA)	44.6	(NA)	71.2	(NA)	(NA)
Education <sup>1</sup> .....	158.4	220.0	314.8	375.8	429.8	522.2	498.8	561.7	650.0	38.3
Dept. and research grants <sup>2</sup> .....	23.8	31.6	(NA)	64.7	(NA)	114.6	(NA)	175.3	(NA)	(NA)
Employee matching gifts <sup>2</sup> .....	14.0	22.4	(NA)	45.4	(NA)	71.2	(NA)	72.2	(NA)	(NA)
Unrestricted operating grants <sup>2</sup> .....	29.1	34.8	(NA)	56.0	(NA)	57.4	(NA)	36.7	(NA)	(NA)
Culture and art.....	33.0	53.2	82.5	108.7	136.6	145.8	145.2	154.7	187.5	11.1
Civic, community activities <sup>1</sup> .....	45.2	68.3	97.3	116.8	136.6	149.3	188.8	271.6	279.5	16.5
Community improvement.....	15.2	26.3	(NA)	47.0	(NA)	48.2	(NA)	62.0	(NA)	(NA)
Environment; ecology.....	7.5	15.1	(NA)	10.8	(NA)	13.8	(NA)	97.1	(NA)	(NA)

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

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





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## 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: A Databook*, *BLS Bulletin 2096* and its supplement, and the *Handbook of Labor Statistics*. These volumes 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, New York City and the Los Angeles-Long Beach PMSA. 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 1986, reporting establishments employed 10 million manufacturing workers (53 percent of the total manufacturing employment at the time), 15 million workers in nonmanufacturing industries (25 percent of the total in nonmanufacturing), and 12 million Federal, State, and local government employees (73 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 Earnings, 1939-82* (data for States), and their supplements, and in the *Handbook of Labor Statistics*.

**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 1978, 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 614).

**Industrial and occupational groups.**—Establishments responding to the establishment survey are classified into industries on the basis of their principal product or activity (determined by annual sales volume) in accordance with the Standard Industrial Classification (SIC) Manual, Office of Management and Budget; 1972 is the latest issue. 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. (A revised SIC Manual is forthcoming which will update the industry structure as of 1982).

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 655), 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 2134-1 (1982), chapters 13 and 14.

**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 Shefflin of Rutgers University, has provided alternative estimates of union membership (see table 666). 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.

**Statistics for States and metropolitan statistical areas (MSAs)**.—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986*. For cross-references, see Appendix V.

No. 605. EMPLOYMENT STATUS OF THE NONINSTITUTIONAL POPULATION 16 YEARS OLD AND OVER:  
1950 TO 1986

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

YEAR	Noninstitutional population	LABOR FORCE								Not in labor force
		Number	Employed					Unemployed		
			Total	Resident Armed Forces	Civilian			Number	Percent of labor force <sup>1</sup>	
					Total	Agriculture	Non agriculture 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	5,458	60,318	3,852	5.4	47,617
1965	128,459	76,401	73,034	1,946	71,088	4,361	66,726	3,366	4.4	62,058
1970	139,203	84,889	80,796	2,118	78,778	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	6,273	7.5	61,460
1982	173,939	111,872	101,194	1,688	99,526	3,401	96,125	10,676	9.5	62,067
1983	175,681	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
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
1986	100.0	65.6	61.1	.9	60.1	1.7	58.4	4.5	(x)	34.4

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

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

No. 606. 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					
	Total	Race		Educational attainment			Total	Race		Educational attainment		
		White	Black and other	Less than high school	High school to 14 years	15 years or more		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	1.8	1.8
Percent of life economically active: <sup>1</sup>												
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	78.3	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: <sup>2</sup>												
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

<sup>1</sup> Ratio of worklife expectancy to life expectancy. <sup>2</sup> Worklife expectancy divided by number of times person enters labor force.

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

NO. 607. EMPLOYMENT STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION 16 YEARS OLD AND OVER BY SEX, RACE, AND HISPANIC ORIGIN: 1960 TO 1986

[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 LABOR FORCE							NOT IN LABOR FORCE	
	Civilian noninstitutional population	Total	Percent of population	Em-ployed	Employ-ment/population ratio <sup>1</sup>	Unemployed		Num-ber	Percent of population
						Number	Per-cent of labor force		
<b>Total:</b> <sup>2</sup>									
1960	117,245	69,628	59.4	65,778	56.1	3,852	5.5	47,617	40.6
1965	126,519	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
1978	161,910	102,251	63.2	96,048	59.3	6,202	6.1	59,659	36.8
1979	164,863	104,962	63.7	98,824	59.9	6,137	5.8	59,900	36.3
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	9.8	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	180,567	117,834	65.3	109,597	60.7	8,237	7.0	62,752	34.7
<b>Male:</b>									
1960	55,662	46,388	83.3	43,904	78.9	2,486	5.4	9,274	16.7
1965	59,782	46,255	80.7	46,340	77.5	1,914	4.0	11,521	19.3
1970	64,304	51,228	79.7	49,990	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
1978	76,576	59,620	77.9	56,479	73.8	3,142	5.3	16,956	22.1
1979	78,020	60,726	77.8	57,607	73.8	3,120	5.1	17,293	22.2
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	59,091	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
<b>Female:</b>									
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	41,289	56.7
1975	80,860	37,475	46.3	33,989	42.0	3,486	9.3	43,966	53.7
1978	85,334	42,631	50.0	39,569	46.4	3,061	7.2	42,703	50.0
1979	86,843	44,235	50.9	41,217	47.5	3,018	6.8	42,808	49.1
1980	88,348	45,487	51.5	42,117	47.7	3,370	7.4	42,961	48.5
1981	89,618	46,690	52.1	43,000	48.7	3,690	7.9	42,922	47.8
1982	90,748	47,755	52.6	43,256	47.7	4,489	9.4	42,993	47.4
1983	91,684	48,503	52.9	44,347	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	93,796	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
<b>White:</b>									
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
1978	141,612	89,634	63.3	84,936	60.0	4,698	5.2	51,978	36.7
1979	143,894	91,923	63.9	87,259	60.6	4,664	5.1	51,971	36.1
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	8.8	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	35.1
1986	155,432	101,801	65.5	95,660	61.5	6,140	6.0	53,631	34.5
<b>Black:</b>									
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	7,984	50.1	1,369	14.8	6,488	41.2
1976	16,970	10,432	61.5	9,102	53.6	1,330	12.8	6,538	38.6
1979	17,397	10,678	61.4	9,359	53.8	1,319	12.3	6,719	39.5
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	11,391	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
<b>Hispanic:</b> <sup>3</sup>									
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	3,528	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	3,986	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	4,288	34.6

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

**NO. 608. CIVILIAN LABOR FORCE AND PARTICIPATION RATES, BY RACE, SEX, AND AGE, 1970 TO 1986, 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	1986	1995	2000	1970	1975	1980	1985	1986	1995	2000		
<b>Total</b> <sup>1</sup>	<b>82.8</b>	<b>93.8</b>	<b>106.9</b>	<b>115.5</b>	<b>117.8</b>	<b>131.6</b>	<b>138.8</b>	<b>60.4</b>	<b>61.2</b>	<b>63.8</b>	<b>64.8</b>	<b>65.3</b>	<b>67.2</b>	<b>67.8</b>		
White	73.6	82.8	93.6	99.9	101.8	111.7	116.7	60.2	61.5	64.1	65.0	65.5	67.5	68.2		
Male	46.0	50.3	54.5	56.5	57.2	60.5	62.3	60.0	78.7	78.2	77.0	78.9	75.9	75.3		
Female	27.5	32.5	39.1	43.5	44.6	51.2	54.4	42.6	45.9	51.2	54.1	55.0	59.7	61.5		
Black <sup>2</sup>	9.2	9.3	10.9	12.4	12.7	15.1	16.3	61.8	58.8	61.0	62.9	63.3	65.6	66.0		
Male	5.2	5.0	5.6	6.2	6.4	7.4	7.9	78.5	71.0	70.6	70.8	71.2	71.4	70.7		
Female	4.0	4.2	5.3	6.1	6.3	7.7	8.4	49.5	48.9	53.2	56.5	56.9	60.9	62.1		
Hispanic <sup>3</sup>	(NA)	(NA)	6.1	7.7	8.1	11.8	14.1	(NA)	(NA)	64.0	64.6	65.4	69.7	68.7		
Male	(NA)	(NA)	3.8	4.7	4.9	7.0	8.3	(NA)	(NA)	61.4	60.3	61.0	60.8	60.4		
Female	(NA)	(NA)	2.3	3.0	3.1	4.7	5.8	(NA)	(NA)	47.4	49.3	50.1	54.7	56.9		
Male	51.2	56.3	61.5	64.4	65.4	70.4	73.1	79.7	77.9	77.4	78.3	78.3	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	58.8	58.4	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	45.3	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	68.3	70.7	72.2		
20-24 years	5.7	7.5	8.8	8.3	8.1	6.9	7.0	83.3	84.5	85.9	85.0	85.8	86.8	87.5		
25-34 years	11.3	14.2	17.0	18.8	19.4	18.4	16.6	96.4	95.2	95.2	94.7	94.6	93.9	93.6		
35-44 years	10.6	10.4	11.8	14.5	15.0	19.4	20.1	96.9	95.6	95.5	95.0	94.8	94.1	93.9		
45-54 years	10.4	10.4	9.9	9.9	10.0	13.7	16.3	94.3	92.1	91.2	91.0	91.0	90.6	90.1		
55-64 years	7.1	7.0	7.2	7.1	7.0	6.4	7.2	83.0	75.6	72.1	67.9	67.3	64.0	63.2		
65 years and over	2.2	1.9	1.9	1.8	1.8	1.6	1.4	26.8	21.6	19.0	15.6	16.0	11.9	9.9		
Female	31.5	37.5	45.5	51.1	52.4	61.2	65.6	43.3	46.3	51.5	54.5	55.3	59.8	61.5		
16-19 years	3.2	4.1	4.4	3.8	3.8	3.8	4.4	44.0	49.1	52.9	52.1	53.0	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	43.7	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	62.3	66.3	68.6		
20-24 years	4.9	6.2	7.3	7.4	7.3	6.5	6.7	57.7	64.1	68.9	71.8	72.4	76.4	78.4		
25-34 years	5.7	8.7	12.3	14.7	15.2	18.0	15.1	45.0	54.9	65.5	70.9	71.5	79.2	82.3		
35-44 years	6.0	6.5	6.6	11.6	12.2	17.1	18.4	51.1	55.8	64.5	71.8	73.1	81.0	84.2		
45-54 years	6.5	6.7	7.0	7.5	7.7	11.6	14.2	54.4	54.6	59.6	64.4	65.9	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	42.3	44.3	45.8		
65 years and over	1.1	1.0	1.2	1.2	1.2	1.0	0.7	8.2	8.1	7.3	7.4	6.2	5.4			

NA Not available. <sup>1</sup> Beginning 1975, includes other races not shown separately. <sup>2</sup> 1970, Black and other.  
<sup>3</sup> 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. 609. CIVILIAN LABOR FORCE—PERCENT DISTRIBUTION, BY SEX AND AGE: 1960 TO 1986**

[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 20-41, for similar but not exactly comparable data]

YEAR AND SEX	Civilian labor force (1,000)	PERCENT DISTRIBUTION						
		16-19 years	20-24 years	25-34 years	35-44 years	45-54 years	55-64 years	65 yr. and over
<b>Total: 1960</b>	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
<b>Male: 1960</b>	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
<b>Female: 1960</b>	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	9.8	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	49,708	7.7	15.0	28.6	21.9	14.6	9.9	2.4
1985	51,050	7.4	14.8	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

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

No. 610. CHARACTERISTICS OF THE CIVILIAN LABOR FORCE, BY STATE: 1986

[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. 1, inside front cover]

REGION, DIVISION AND STATE	TOTAL		EMPLOYED		Em- ployed/ popu- lation ratio <sup>1</sup>	UNEMPLOYED					PARTICIPA- TION RATE <sup>3</sup>	
	Num- ber	Fe- male	Total	Fe- male		Total		Rate <sup>2</sup>			Male	Fe- male
						Num- ber	Fe- male	Total	Male	Fe- male		
<b>United States.....</b>	<b>117,834</b>	<b>52,413</b>	<b>109,597</b>	<b>48,706</b>	<b>60.7</b>	<b>8,237</b>	<b>3,707</b>	<b>7.0</b>	<b>6.9</b>	<b>7.1</b>	<b>76.3</b>	<b>55.3</b>
<b>Region:</b>												
Northeast.....	24,652	11,011	23,282	10,421	60.1	1,370	590	5.6	5.7	5.4	75.0	53.5
Midwest.....	29,341	12,971	27,198	12,031	61.3	2,143	940	7.3	7.3	7.2	77.2	56.1
South.....	39,882	17,920	36,862	16,486	59.8	3,020	1,435	7.6	7.2	6.0	75.7	54.9
West.....	24,006	10,532	22,297	9,786	62.1	1,709	745	7.1	7.2	7.1	77.3	57.0
<b>New England.....</b>	<b>6,717</b>	<b>3,098</b>	<b>6,454</b>	<b>2,973</b>	<b>65.4</b>	<b>283</b>	<b>125</b>	<b>3.9</b>	<b>3.8</b>	<b>4.0</b>	<b>77.8</b>	<b>59.4</b>
Maine.....	562	251	532	237	60.2	30	14	5.3	5.1	5.6	73.8	54.2
New Hampshire.....	562	263	546	244	70.0	16	8	2.8	2.3	3.9	81.1	63.2
Vermont.....	292	134	279	127	68.3	14	7	4.7	4.2	5.2	80.9	63.2
Massachusetts.....	3,051	1,419	2,934	1,366	64.5	117	53	3.3	3.9	3.7	76.6	58.6
Rhode Island.....	510	247	490	237	64.8	21	10	4.0	3.9	4.2	76.6	59.2
Connecticut.....	1,740	794	1,674	762	67.2	66	32	3.8	3.5	4.1	80.0	60.8
<b>Middle Atlantic.....</b>	<b>17,935</b>	<b>7,912</b>	<b>16,827</b>	<b>7,448</b>	<b>58.2</b>	<b>1,108</b>	<b>465</b>	<b>6.2</b>	<b>6.4</b>	<b>5.9</b>	<b>74.1</b>	<b>51.5</b>
New York.....	8,408	3,722	7,981	3,508	57.4	528	214	6.3	6.7	5.9	73.5	50.6
New Jersey.....	3,892	1,710	3,696	1,616	62.4	196	95	5.0	4.6	5.5	77.6	54.9
Pennsylvania.....	5,634	2,479	5,248	2,324	56.8	386	156	6.8	7.3	6.3	72.7	50.6
<b>East North Central.....</b>	<b>20,463</b>	<b>9,000</b>	<b>18,837</b>	<b>8,294</b>	<b>60.1</b>	<b>1,626</b>	<b>706</b>	<b>7.9</b>	<b>8.0</b>	<b>7.8</b>	<b>76.8</b>	<b>54.9</b>
Ohio.....	5,234	2,296	4,809	2,127	59.3	426	189	8.1	8.7	7.3	76.1	54.1
Indiana.....	2,750	1,243	2,565	1,149	62.5	185	94	6.7	6.0	7.6	77.4	57.6
Illinois.....	5,686	2,498	5,225	2,297	60.3	461	201	8.1	8.2	8.0	77.9	54.7
Michigan.....	4,393	1,914	4,007	1,741	58.4	385	173	8.8	8.6	8.0	75.7	53.4
Wisconsin.....	2,399	1,049	2,230	979	62.2	169	70	7.0	7.4	6.6	77.1	57.2
<b>West North Central.....</b>	<b>8,878</b>	<b>3,971</b>	<b>8,361</b>	<b>3,736</b>	<b>64.2</b>	<b>517</b>	<b>234</b>	<b>5.8</b>	<b>5.8</b>	<b>5.9</b>	<b>78.3</b>	<b>58.8</b>
Minnesota.....	2,213	989	2,095	936	66.8	118	53	5.3	5.3	5.3	80.2	61.4
Iowa.....	1,432	631	1,332	586	62.5	100	45	7.0	6.9	7.2	78.3	67.0
Missouri.....	2,529	1,135	2,374	1,066	62.4	154	69	6.1	6.1	6.1	76.5	57.9
North Dakota.....	331	145	310	136	64.3	21	9	6.3	6.4	6.2	78.9	58.3
South Dakota.....	345	154	329	147	65.1	18	8	4.7	4.6	4.9	77.6	59.5
Nebraska.....	803	367	763	348	65.5	40	19	5.0	5.0	5.1	78.3	60.4
Kansas.....	1,224	549	1,158	517	64.4	67	32	5.4	5.1	5.9	79.2	58.2
<b>South Atlantic.....</b>	<b>20,035</b>	<b>9,178</b>	<b>18,889</b>	<b>8,583</b>	<b>61.0</b>	<b>1,145</b>	<b>585</b>	<b>5.7</b>	<b>5.2</b>	<b>6.3</b>	<b>74.9</b>	<b>55.7</b>
Delaware.....	325	150	311	144	64.6	14	6	4.3	4.4	4.3	77.1	59.1
Maryland.....	2,358	1,095	2,252	1,037	66.2	105	58	4.5	3.8	5.3	79.0	60.8
District of Columbia.....	328	165	302	153	62.2	25	13	7.7	7.8	7.6	73.0	62.7
Virginia.....	2,885	1,306	2,740	1,232	64.0	145	74	5.0	4.5	5.7	77.9	57.9
West Virginia.....	743	307	655	277	45.0	88	30	11.8	13.2	9.9	64.0	39.6
North Carolina.....	3,194	1,471	3,024	1,382	63.6	170	89	5.3	4.7	6.0	77.4	58.1
South Carolina.....	1,602	738	1,502	681	60.9	100	57	6.2	5.0	7.7	75.3	55.9
Georgia.....	3,014	1,402	2,836	1,296	63.3	178	106	5.9	4.5	7.6	77.7	58.3
Florida.....	5,588	2,546	5,268	2,395	57.4	320	152	5.7	5.5	6.0	70.8	52.2
<b>East South Central.....</b>	<b>7,036</b>	<b>3,151</b>	<b>6,373</b>	<b>2,829</b>	<b>56.5</b>	<b>663</b>	<b>322</b>	<b>9.4</b>	<b>8.8</b>	<b>10.2</b>	<b>73.8</b>	<b>52.3</b>
Kentucky.....	1,690	715	1,533	648	55.6	156	67	9.3	9.1	9.4	74.9	49.1
Tennessee.....	2,301	1,057	2,116	961	58.0	185	96	8.0	7.2	9.1	73.1	54.4
Alabama.....	1,883	862	1,697	771	55.5	185	91	9.8	9.2	10.8	73.7	53.3
Mississippi.....	1,163	517	1,027	449	54.5	136	68	11.7	10.6	13.1	73.5	51.5
<b>West South Central.....</b>	<b>12,811</b>	<b>5,592</b>	<b>11,600</b>	<b>5,064</b>	<b>59.9</b>	<b>1,212</b>	<b>528</b>	<b>9.5</b>	<b>9.5</b>	<b>9.4</b>	<b>78.0</b>	<b>55.3</b>
Arkansas.....	1,073	480	979	434	55.8	94	46	8.7	8.1	9.6	71.9	51.2
Louisiana.....	1,988	875	1,727	755	53.7	261	120	13.1	12.7	13.7	74.7	50.7
Oklahoma.....	1,593	721	1,462	666	60.9	131	54	8.2	8.8	7.6	77.6	56.4
Texas.....	8,159	3,515	7,433	3,209	62.0	726	307	8.9	9.0	8.7	79.8	57.0
<b>Mountain.....</b>	<b>6,371</b>	<b>2,814</b>	<b>5,899</b>	<b>2,614</b>	<b>62.8</b>	<b>472</b>	<b>201</b>	<b>7.4</b>	<b>7.6</b>	<b>7.1</b>	<b>78.4</b>	<b>58.0</b>
Montana.....	407	178	374	165	62.3	33	13	8.1	8.7	7.3	78.3	57.8
Idaho.....	468	202	427	187	61.1	41	15	8.7	9.6	7.6	77.7	56.6
Wyoming.....	249	107	227	98	64.0	22	9	9.0	9.2	8.6	81.1	59.8
Colorado.....	1,694	774	1,568	721	65.0	126	53	7.4	7.9	6.9	80.7	60.8
New Mexico.....	672	281	610	258	58.3	82	24	9.2	9.7	8.5	76.0	52.3
Arizona.....	1,586	700	1,476	650	60.3	110	50	6.9	6.8	7.1	75.3	55.0
Utah.....	755	321	709	299	65.8	45	22	6.0	5.4	6.8	81.3	58.9
Nevada.....	541	251	508	237	67.8	32	15	6.0	6.2	5.8	79.7	65.1
<b>Pacific.....</b>	<b>17,635</b>	<b>7,717</b>	<b>16,399</b>	<b>7,173</b>	<b>61.8</b>	<b>1,237</b>	<b>544</b>	<b>7.0</b>	<b>7.0</b>	<b>7.1</b>	<b>76.9</b>	<b>56.6</b>
Washington.....	2,178	962	2,000	879	60.7	179	83	8.2	7.8	8.7	75.8	56.8
Oregon.....	1,347	611	1,233	559	60.6	114	52	8.5	8.4	8.5	74.7	58.1
California.....	13,365	5,801	12,473	5,413	62.0	892	388	6.7	6.7	6.7	77.3	56.2
Alaska.....	256	114	225	104	65.0	28	10	10.8	12.1	9.1	82.0	64.9
Hawaii.....	488	228	465	217	62.9	24	11	4.8	4.9	4.8	73.8	59.0

<sup>1</sup> Civilian employment as a percent of civilian noninstitutional population. <sup>2</sup> Percent unemployed of the civilian labor force.  
<sup>3</sup> Percent of civilian noninstitutional population of each specified group in the civilian labor force.  
 Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment, 1986.*

## No. 611. CIVILIAN LABOR FORCE—EMPLOYMENT STATUS, BY SEX, RACE, AND AGE: 1986

[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 II]

AGE AND RACE	CIVILIAN LABOR FORCE			MALE (1,000)			FEMALE (1,000)			PERCENT OF LABOR FORCE			
	Total (1,000)	Percent by age		Total	Em- ployed	Un- em- ployed	Total	Em- ployed	Un- em- ployed	Employed		Unemployed	
		Male	Fe- male							Male	Fe- male	Male	Fe- male
<b>All workers<sup>1</sup> .....</b>	<b>117,834</b>	<b>100.0</b>	<b>100.0</b>	<b>65,422</b>	<b>60,892</b>	<b>4,530</b>	<b>52,413</b>	<b>48,706</b>	<b>3,707</b>	<b>93.1</b>	<b>92.9</b>	<b>6.9</b>	<b>7.1</b>
16-19 years.....	7,926	6.3	7.3	4,102	3,323	779	3,824	3,149	675	81.0	82.3	19.0	17.6
20-24 years.....	15,441	12.5	13.9	8,148	7,250	899	7,293	6,540	752	89.0	89.7	11.0	10.3
25-34 years.....	34,591	29.6	29.0	19,383	18,092	1,291	15,208	14,109	1,099	93.3	92.8	6.7	7.2
35-44 years.....	27,232	23.0	23.3	15,029	14,266	763	12,204	11,595	609	94.9	95.0	5.1	5.0
45-54 years.....	17,739	15.3	14.8	9,994	9,554	440	7,746	7,395	350	95.6	95.5	4.4	4.5
55-64 years.....	11,894	10.6	9.4	6,954	6,654	301	4,940	4,751	189	95.7	96.2	4.3	3.8
65 years and over.....	3,010	2.8	2.3	1,811	1,753	58	1,199	1,165	33	96.8	97.2	3.2	2.8
<b>White.....</b>	<b>101,801</b>	<b>100.0</b>	<b>100.0</b>	<b>57,217</b>	<b>53,785</b>	<b>3,433</b>	<b>44,584</b>	<b>41,876</b>	<b>2,708</b>	<b>94.0</b>	<b>93.9</b>	<b>6.0</b>	<b>6.1</b>
16-19 years.....	6,862	6.2	7.4	3,542	2,966	576	3,320	2,825	495	83.7	85.1	16.3	14.9
20-24 years.....	13,176	12.2	13.9	6,986	6,340	645	6,191	5,687	504	90.8	91.9	9.2	8.1
25-34 years.....	29,497	28.3	28.6	16,769	15,790	978	12,729	11,956	773	94.2	93.9	5.8	6.1
35-44 years.....	23,571	23.1	23.2	13,207	12,620	586	10,364	9,895	470	95.8	95.5	4.4	4.5
45-54 years.....	15,379	15.4	14.8	8,791	8,442	349	6,588	6,307	281	96.0	95.7	4.0	4.3
55-64 years.....	10,583	10.9	9.7	6,260	6,012	248	4,323	4,164	159	96.0	96.3	4.0	3.7
65 years and over.....	2,732	2.9	2.4	1,693	1,612	51	1,069	1,042	27	96.9	97.5	3.1	2.5
<b>Black.....</b>	<b>12,654</b>	<b>100.0</b>	<b>100.0</b>	<b>6,373</b>	<b>5,428</b>	<b>946</b>	<b>6,281</b>	<b>5,386</b>	<b>894</b>	<b>85.2</b>	<b>85.8</b>	<b>14.8</b>	<b>14.2</b>
16-19 years.....	883	7.2	6.8	458	278	180	425	259	167	60.7	60.8	39.3	39.2
20-24 years.....	1,881	15.0	14.7	957	732	225	924	696	228	76.5	75.3	23.5	24.7
25-34 years.....	4,026	31.8	31.8	2,029	1,756	273	1,999	1,901	99	86.5	85.4	13.5	14.6
35-44 years.....	2,793	21.3	22.8	1,359	1,211	148	1,434	1,318	121	89.1	91.6	10.9	8.4
45-54 years.....	1,793	14.1	14.2	901	831	70	892	835	57	92.2	93.6	7.8	6.4
55-64 years.....	1,051	8.7	7.9	552	507	44	499	475	25	92.0	95.0	8.0	5.0
65 years and over.....	224	1.8	1.7	116	112	5	107	102	5	95.7	95.3	4.3	4.7

<sup>1</sup> Includes other races not shown separately.Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly.

## No. 612. EMPLOYED CIVILIANS AND WEEKLY HOURS, BY SELECTED CHARACTERISTICS: 1970 TO 1986

[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
<b>Total employed.....</b>	<b>78,678</b>	<b>85,846</b>	<b>99,303</b>	<b>99,526</b>	<b>100,834</b>	<b>105,005</b>	<b>107,150</b>	<b>109,597</b>
<b>Age:</b>								
16-19 years.....	6,144	7,104	7,710	6,549	6,342	6,444	6,434	6,472
20-24 years.....	9,731	11,885	14,087	13,690	13,722	14,207	13,980	13,790
25-34 years.....	16,318	21,087	27,204	28,149	28,756	30,348	31,208	32,201
35-44 years.....	15,922	16,953	19,523	20,879	21,960	23,598	24,732	25,861
45-54 years.....	16,473	16,190	16,234	15,923	15,812	16,178	16,509	16,949
55-64 years.....	10,974	10,827	11,586	11,414	11,315	11,395	11,474	11,405
65 years and over.....	3,118	2,801	2,960	2,923	2,927	2,835	2,613	2,919
<b>Sex: Male.....</b>	<b>48,990</b>	<b>51,857</b>	<b>57,186</b>	<b>56,271</b>	<b>56,787</b>	<b>59,091</b>	<b>59,891</b>	<b>60,892</b>
Female.....	29,688	33,989	42,117	43,256	44,047	45,915	47,259	48,706
<b>Marital status:</b>								
Married, spouse present.....	55,554	58,037	62,536	62,127	62,570	64,692	65,584	66,802
Single (never married).....	15,039	18,256	24,082	24,069	24,779	26,143	26,780	27,478
Widowed, divorced, separated.....	8,087	9,552	12,686	13,330	13,483	14,170	14,786	15,318
<b>Class of worker:</b>								
<b>Nonagriculture.....</b>	<b>75,215</b>	<b>82,438</b>	<b>95,938</b>	<b>96,125</b>	<b>97,450</b>	<b>101,685</b>	<b>103,971</b>	<b>106,434</b>
Wage and salary worker.....	69,491	76,249	88,525	88,462	89,500	93,565	95,871	98,289
Self-employed.....	5,221	5,705	7,000	7,262	7,575	7,785	7,811	7,881
Unpaid family workers.....	502	483	413	401	376	335	289	255
<b>Agriculture.....</b>	<b>3,463</b>	<b>3,408</b>	<b>3,364</b>	<b>3,401</b>	<b>3,383</b>	<b>3,321</b>	<b>3,179</b>	<b>3,163</b>
Wage and salary worker.....	1,154	1,301	1,425	1,505	1,579	1,555	1,535	1,547
Self-employed.....	1,810	1,722	1,642	1,636	1,565	1,553	1,458	1,447
Unpaid family workers.....	499	386	297	261	240	213	185	169
<b>Weekly hours:</b>								
<b>Nonagriculture:</b>								
Wage and salary workers.....	38.3	38.1	38.1	37.6	37.9	38.4	38.7	38.8
Self-employed.....	45.0	42.3	41.2	39.8	40.0	40.6	41.1	41.2
Unpaid family workers.....	37.9	38.3	34.7	34.7	34.8	35.1	35.1	35.5
<b>Agriculture:</b>								
Wage and salary workers.....	40.0	40.8	41.6	40.3	40.3	41.1	40.8	40.9
Self-employed.....	51.0	49.7	49.3	48.3	47.4	48.1	48.2	48.4
Unpaid family workers.....	40.0	39.6	38.6	38.9	38.6	38.9	38.5	39.7

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



NO. 613. PERSONS WITH A JOB BUT NOT AT WORK: 1970 TO 1986

[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	1978	1979	1980	1981	1982	1983	1984	1985	1986		
											Total	Male	Female
All industries, number	4,645	5,221	5,573	5,747	5,882	5,790	5,712	5,563	5,575	5,789	5,741	2,828	2,912
Percent of employed	5.9	6.1	5.8	5.9	5.9	5.8	5.7	5.5	5.3	5.4	5.2	4.6	6.0
Nonagricultural industries	4,511	5,056	5,415	5,601	5,729	5,653	5,573	5,413	5,439	5,667	5,613	2,725	2,888
Reason for not working:													
Vacation	2,341	2,815	2,985	3,191	3,320	3,247	3,153	3,096	3,147	3,338	3,234	1,558	1,676
Illness	1,324	1,343	1,436	1,420	1,425	1,413	1,331	1,291	1,322	1,308	1,292	688	604
Bad weather	128	139	238	198	155	112	202	124	116	141	128	119	10
Industrial dispute	156	95	100	123	105	64	36	91	40	42	58	39	17
All other	698	829	815	816	876	953	988	962	947	960	1,030	426	605

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

NO. 614. EMPLOYED AND UNEMPLOYED WORKERS BY WORK SCHEDULES, SEX, AND AGE: 1976 TO 1986

[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]

CHARACTERISTIC	EMPLOYED				CHARACTERISTIC	UNEMPLOYED			
	1976	1980	1985	1986		1976	1980	1985	1986
<b>Total</b>	<b>88,752</b>	<b>99,303</b>	<b>107,150</b>	<b>109,597</b>	<b>Total</b>	<b>7,406</b>	<b>7,636</b>	<b>8,312</b>	<b>8,237</b>
Full-time <sup>1</sup>	73,964	82,662	88,535	90,529	Looking for full-time work	5,974	6,269	6,793	6,708
Male	48,150	51,717	53,862	54,685	Male	3,421	3,703	3,925	3,918
16-19 years old	1,974	2,017	1,437	1,367	16-19 years old	551	537	446	408
20-24 years old	6,002	6,533	6,078	6,050	20-24 years old	856	894	857	800
25-54 years old	32,873	35,644	39,207	40,231	25-54 years old	1,895	1,923	2,329	2,415
55 years and over	7,298	7,521	7,139	7,037	55 years and over	320	250	292	293
Female	25,814	30,846	34,672	35,845	Female	2,553	2,564	2,868	2,792
16-19 years old	1,409	1,456	1,069	1,033	16-19 years old	448	430	331	324
20-24 years old	4,435	5,098	4,903	4,844	20-24 years old	649	636	636	607
25-54 years old	16,405	20,395	24,836	26,044	25-54 years old	1,268	1,363	1,727	1,714
55 years and over	3,565	3,897	3,862	3,923	55 years and over	189	135	173	147
Part-time <sup>1</sup>	14,788	16,740	18,615	19,069	Looking for part-time work	1,432	1,369	1,519	1,529
Male	4,989	5,471	6,028	6,207	Male	615	563	596	614
16-19 years old	1,973	2,068	1,891	1,955	16-19 years old	387	377	360	371
20-24 years old	913	999	1,261	1,201	20-24 years old	94	81	87	89
25-54 years old	946	1,092	1,568	1,680	25-54 years old	63	54	79	78
55 years and over	1,157	1,314	1,308	1,371	55 years and over	71	52	70	67
Female	9,799	11,271	12,587	12,862	Female	816	806	923	915
16-19 years old	1,981	2,169	2,036	2,118	16-19 years old	333	326	330	350
20-24 years old	1,219	1,456	1,738	1,696	20-24 years old	115	124	158	145
25-54 years old	4,961	5,827	6,837	7,055	25-54 years old	291	299	359	344
55 years and over	1,636	1,815	1,976	1,993	55 years and over	79	57	75	76

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

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

NO. 615. SELECTED MEASURES OF WORK SCHEDULES, BY SEX, OCCUPATION AND INDUSTRY: 1985

[Hours and days are means. See headnote, table 616]

SEX AND OCCUPATION	HOURS		Days per week	Percent working weeks	INDUSTRY	HOURS		Days per week	Percent working weeks
	Per week	Per day				Per week	Per day		
<b>Total</b>	<b>38.7</b>	<b>7.9</b>	<b>4.9</b>	<b>29.3</b>	Industry: Mining	44.4	8.7	5.1	27.8
Sex: Male	41.6	8.3	5.0	32.2	Manufacturing, durable goods	41.0	8.2	5.0	11.1
Female	35.0	7.4	4.7	25.6	Wholesale trade	40.9	8.3	4.9	16.4
Occupation:					Transportation and public utilities	40.8	8.3	4.9	21.7
Precision production, craft, and repair	40.9	8.2	5.0	17.8	Agriculture	40.7	8.0	5.1	48.7
Managerial and professional	40.9	8.3	4.9	16.5	Manufacturing, nondurable goods	40.0	8.1	4.9	14.0
Operators, fabricators and laborers	39.2	8.0	4.9	19.9	Construction	40.0	8.2	4.9	12.3
Farming, forestry and fishing	38.0	7.7	5.2	44.5	Public administration	39.9	8.4	4.9	14.4
Technical, sales, and admin. support	36.6	7.6	4.8	24.5	Finance, insurance, and real estate	39.0	7.9	5.0	14.9
Service	32.3	7.1	4.5	44.9	Services	35.9	7.6	4.9	21.1
					Retail trade	34.2	7.2	4.8	57.0

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

## NO. 616. EMPLOYED PERSONS WORKING AT HOME, BY SELECTED CHARACTERISTIC: 1985

[In thousands, except mean hours. As of May. For the civilian noninstitutional population 16 years old and over. Based on the Current Population Survey; see text, section 1 and Appendix III. For definition of mean, see Guide to Tabular Presentation]

ITEM	Total <sup>1</sup>	HOURS WORKED PER WEEK			ITEM	Total <sup>1</sup>	HOURS WORKED PER WEEK		
		8 hours or more	35 hours or more	Mean hours			8 hours or more	35 hours or more	Mean hours
<b>Total</b> .....	<b>17,477</b>	<b>8,978</b>	<b>1,287</b>	<b>11.0</b>	Industry: Agriculture.....	421	403	277	45.7
<b>Worked entirely at home</b> .....	<b>2,243</b>	<b>1,992</b>	<b>1,067</b>	<b>32.1</b>	Nonagriculture.....	1,823	1,589	790	29.0
Sex: Male.....	749	709	476	41.1	Mining.....	16	14	5	(B)
Female.....	1,494	1,284	591	27.7	Construction.....	81	66	24	25.0
Occupation: Managerial and professional.....	533	451	211	28.5	Manufacturing.....	151	140	65	28.5
Technical, sales and admin. support.....	593	482	210	25.4	Durable.....	67	64	28	(B)
Service.....	504	478	288	34.0	Non-durable.....	83	76	37	25.9
Precision production, craft and repair.....	142	121	55	27.0	Transportation and public utilities.....	54	48	33	(B)
Operators, fabricators and laborers.....	82	76	38	28.5	Wholesale trade.....	49	42	14	(B)
Farming, forestry, and fishing.....	390	385	266	47.6	Retail trade.....	202	151	83	23.5
					Finance, insurance and real estate.....	111	102	64	34.0
					Services.....	1,128	1,000	514	29.9
					Public admin.....	25	22	3	(B)

B Data not shown where base is less than 75,000. <sup>1</sup> For workers reporting actual hours worked at home.

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

## NO. 617. WORKERS ON FLEXIBLE SCHEDULES, BY SELECTED CHARACTERISTIC: 1985

[In thousands, except percent. As of May. For full-time wage and salary workers. See headnote, table 616]

CHARACTERISTIC	ALL WORKERS			WITH FLEXIBLE SCHEDULES			PERCENT OF ALL WORKERS		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>Total</b> .....	<b>73,395</b>	<b>43,779</b>	<b>29,616</b>	<b>9,061</b>	<b>5,760</b>	<b>3,300</b>	<b>12.3</b>	<b>13.2</b>	<b>11.1</b>
<b>Marital status and presence of youngest child:</b>									
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	9,805	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	18.6
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	11.8
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
<b>Occupation:</b>									
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
<b>Industry:</b>									
Private sector.....	60,127	36,995	23,132	7,559	4,904	2,656	12.6	13.3	11.5
Goods producing <sup>1</sup> .....	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

<sup>1</sup> Includes agriculture, mining, construction, and manufacturing.

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

## NO. 618. MULTIPLE JOBHOLDERS—SELECTED CHARACTERISTICS: 1985

[See headnote, table 616. 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 jobs]

CHARACTERISTIC	EMPLOYED (1,000)			MULTIPLE JOBHOLDERS						
	Total	Male	Female	Number (1,000)			Average weekly hours		Median weekly earnings <sup>1</sup> (dol.)	
				Total	Male	Female	All jobs	Sec-ondary job	All jobs	Sec-ondary job
<b>Total</b> .....	<b>106,878</b>	<b>60,015</b>	<b>46,864</b>	<b>5,730</b>	<b>3,537</b>	<b>2,192</b>	<b>51.3</b>	<b>14.2</b>	<b>\$343</b>	<b>\$70</b>
<b>Age:</b>										
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	692	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.....	16,692	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
<b>Race and Hispanic origin:</b>										
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 <sup>2</sup> .....	6,489	3,984	2,505	194	125	69	51.1	15.1	355	66
<b>Marital status:</b>										
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)
<b>Class of worker—primary job:</b>										
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.....	1,572	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. <sup>1</sup> Data on wage and salary earnings only were collected for the primary job. Data on earnings from all sources were collected for the secondary job. <sup>2</sup> Hispanic persons may be of any race.

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

## NO. 619. HISPANIC PERSONS—CIVILIAN LABOR FORCE PARTICIPATION: 1985 AND 1986

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

ITEM	1985					1986				
	Total	Mexican	Puerto Rican	Cuban	Other Hispanic origin <sup>1</sup>	Total	Mexican	Puerto Rican	Cuban	Other Hispanic origin <sup>1</sup>
<b>Total (1,000)</b> .....	<b>11,466</b>	<b>6,625</b>	<b>1,721</b>	<b>851</b>	<b>2,269</b>	<b>12,273</b>	<b>7,291</b>	<b>1,508</b>	<b>861</b>	<b>2,612</b>
Percent in labor force: Male.....	78.5	81.5	66.9	74.6	78.4	79.0	81.1	67.8	78.2	79.0
Female.....	50.4	51.3	39.0	56.9	54.7	48.9	49.1	37.8	53.9	53.7
Employed (1,000).....	6,532	3,900	756	520	1,356	7,007	4,239	656	540	1,573
Percent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional.....	12.0	9.6	13.3	16.9	15.4	12.2	9.8	14.8	20.2	14.7
Tech., sales, and admin. support.....	25.9	24.1	30.5	28.3	27.8	25.6	23.7	28.9	33.9	26.4
Service.....	17.9	17.2	21.1	12.5	19.9	18.9	17.9	20.4	12.6	23.3
Farming, forestry, and fishing occupations.....	4.1	6.2	.7	.4	1.4	4.3	6.2	1.2	1.1	1.7
Precision production, craft, and repair.....	15.3	16.9	10.8	17.6	12.5	13.7	14.5	10.5	14.2	12.4
Operators, fabricators and laborers.....	24.8	26.1	23.5	24.4	22.0	25.3	27.8	24.2	18.0	21.5
Percent unemployed: Male.....	11.8	12.5	15.0	6.9	9.2	11.3	11.7	16.4	6.3	9.2
Female.....	10.5	10.9	13.3	6.6	9.6	9.5	10.3	14.1	4.1	7.3

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

Source: U.S. Bureau of the Census, series P-20, Nos. 403 and 416.

## NO. 620. CIVILIAN LABOR FORCE—YEARS OF SCHOOL COMPLETED, BY SEX AND RACE: 1987

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

EMPLOYMENT STATUS, SEX, AND RACE	Population, 16 yr. old and over (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	
<b>Total</b> <sup>1</sup>	<b>182,197</b>	<b>2.1</b>	<b>3.9</b>	<b>5.3</b>	<b>15.9</b>	<b>37.7</b>	<b>17.9</b>	<b>10.3</b>	<b>6.9</b>	
Civilian labor force	118,134	.9	2.1	2.9	12.2	40.1	20.1	12.8	9.0	
Employed	109,854	.8	2.0	2.8	11.2	40.0	20.5	13.4	9.5	
Unemployed	8,280	1.1	3.9	4.8	25.9	41.1	15.2	5.5	2.4	
Not in labor force	64,063	4.4	7.3	10.0	22.5	38.4	13.6	5.7	3.2	
Male, total	86,629	2.2	4.1	5.3	16.0	34.7	17.6	11.2	8.8	
Civilian labor force	65,174	1.1	2.6	3.3	13.1	37.5	18.9	13.3	10.2	
Employed	60,368	1.1	2.5	3.1	11.9	37.5	19.3	13.8	10.9	
Unemployed	4,806	1.1	4.6	5.6	27.3	38.3	14.6	6.0	2.5	
Not in labor force	21,454	5.6	8.4	11.5	25.0	26.2	13.6	5.1	4.5	
Female, total	95,568	2.0	3.8	5.2	15.7	40.4	18.1	9.5	5.2	
Civilian labor force	52,960	.6	1.5	2.0	11.3	43.3	21.6	12.3	7.4	
Employed	49,486	.5	1.4	1.9	10.4	43.2	22.0	12.9	7.7	
Unemployed	3,474	1.0	3.0	3.7	24.0	45.0	16.1	4.9	2.3	
Not in labor force	42,608	3.8	6.7	9.2	21.3	36.9	13.7	5.9	2.5	
White, total	156,589	1.8	3.6	5.4	15.0	38.3	18.0	10.7	7.3	
Civilian labor force	102,043	.8	2.0	2.7	11.6	40.2	20.1	13.2	9.3	
Employed	95,847	.8	1.9	2.5	10.7	40.2	20.5	13.7	9.8	
Unemployed	6,196	1.2	3.8	5.2	25.2	41.1	14.9	6.0	2.6	
Not in labor force	54,545	3.6	6.6	10.4	21.3	34.6	14.1	6.0	3.4	
Black, total	20,200	4.0	6.6	5.0	23.4	36.1	15.9	5.8	3.1	
Civilian labor force	12,544	1.0	3.3	3.1	18.2	42.6	19.7	7.9	4.2	
Employed	10,730	1.0	3.1	3.0	16.3	42.7	20.4	8.6	4.8	
Unemployed	1,814	.4	4.4	3.6	29.3	42.0	15.8	3.5	.9	
Not in labor force	7,656	9.0	12.1	8.2	31.9	25.5	9.7	2.2	1.4	

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

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

## NO. 621. SCHOOL ENROLLMENT AND LABOR FORCE STATUS OF CIVILIANS 16 TO 24 YEARS OLD, BY SELECTED CHARACTERISTICS: 1980 AND 1986

[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	1986	1980, total	1986		1980	1986	1980, total	1986	
				Total	Per cent <sup>1</sup>				Total	Rate <sup>2</sup>
<b>Total, 16 to 24 years</b> <sup>3</sup>	<b>37,103</b>	<b>33,945</b>	<b>24,918</b>	<b>22,869</b>	<b>67.4</b>	<b>21,459</b>	<b>19,989</b>	<b>3,464</b>	<b>2,880</b>	<b>12.6</b>
Enrolled in school <sup>3</sup>	15,713	15,317	7,454	7,426	48.5	6,438	6,449	1,021	977	13.2
18 to 19 years	11,126	10,733	4,836	4,701	43.8	4,029	3,943	807	758	16.1
20 to 24 years	4,587	4,584	2,618	2,725	59.4	2,405	2,506	214	218	8.0
Male	7,997	7,800	3,825	3,730	47.8	3,259	3,205	566	526	14.1
Female	7,716	7,517	3,629	3,696	49.2	3,179	3,245	455	451	12.2
College level	7,664	7,602	3,996	4,207	55.3	3,632	3,825	364	383	8.1
Full-time	6,396	6,351	2,854	3,054	48.1	2,554	2,733	300	321	10.5
White	13,242	12,581	6,590	6,527	51.9	5,892	5,787	798	740	11.3
Below college	6,566	6,163	3,096	2,811	45.6	2,579	2,382	517	430	15.3
College level	6,678	6,417	3,592	3,716	51.9	3,310	3,406	282	310	8.3
Black	2,028	2,062	595	652	31.6	406	449	189	202	31.1
Below college	1,282	1,243	294	327	26.3	174	180	120	146	44.6
College level	747	819	300	326	39.8	230	268	70	55	16.9
Not enrolled <sup>3</sup>	21,390	18,628	17,464	15,443	82.9	15,021	13,540	2,443	1,903	12.3
White	18,103	15,489	15,121	13,105	84.5	13,318	11,807	1,803	1,298	9.9
Black	2,864	2,692	2,055	2,006	74.5	1,451	1,439	604	567	28.3

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

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

**NO. 622. LABOR FORCE PARTICIPATION RATES, BY MARITAL STATUS, SEX, AND AGE: 1960 TO 1987**

[As of March. See table 610 for definition of participation rate. Includes male 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
1960: Married <sup>1</sup>	96.0	97.5	98.6	98.4	93.0	37.1	25.3	30.0	27.7	36.2	34.2	5.9
Single	34.4	76.6	85.3	85.3	74.4	24.3	25.3	73.4	79.9	79.7	75.1	21.6
Other <sup>2</sup>	(b)	88.6	82.3	84.3	78.1	18.2	37.3	54.6	55.5	67.4	58.3	11.0
1970: Married <sup>1</sup>	95.5	95.0	98.2	98.1	91.6	30.2	36.0	47.4	39.3	47.2	44.1	7.9
Single	49.0	69.0	86.2	82.3	66.6	21.0	39.5	71.1	80.7	73.3	67.8	17.6
Other <sup>2</sup>	(b)	73.2	74.5	80.6	75.9	16.5	46.5	59.7	65.1	67.9	80.7	9.9
1975: Married <sup>1</sup>	92.3	95.1	97.3	97.0	87.0	23.7	46.0	57.3	48.3	51.9	43.9	7.2
Single	53.2	76.5	87.4	86.5	68.7	20.5	45.5	69.5	80.4	77.8	68.4	16.1
Other <sup>2</sup>	(b)	84.7	92.4	89.3	69.4	18.0	41.9	68.1	67.5	69.4	60.4	8.2
1980: Married <sup>1</sup>	97.3	96.8	97.5	97.0	84.8	20.4	47.7	60.5	59.3	62.5	46.9	7.2
Single	56.8	79.6	87.3	79.9	65.2	20.0	49.0	72.2	64.2	78.5	62.8	12.0
Other <sup>2</sup>	(b)	92.9	93.8	91.1	69.9	13.0	51.0	68.5	77.1	76.4	59.5	8.6
1983: Married <sup>1</sup>	92.7	95.7	97.3	97.2	82.1	19.1	48.6	63.0	62.5	65.4	47.6	7.5
Single	49.9	77.6	88.4	81.8	69.6	23.9	48.0	72.6	83.6	81.1	65.1	12.6
Other <sup>2</sup>	(b)	89.7	91.9	90.7	73.9	13.1	45.3	68.4	77.1	77.7	59.5	7.5
1984: Married <sup>1</sup>	96.5	96.2	97.2	97.2	81.8	17.4	43.4	63.3	64.0	66.4	49.0	7.3
Single	50.8	78.5	87.4	83.2	65.6	16.7	46.4	72.1	83.5	83.0	67.0	11.8
Other <sup>2</sup>	(b)	91.6	90.7	92.8	71.8	12.6	53.6	71.3	76.5	79.6	61.0	7.7
1985: Married <sup>1</sup>	90.9	95.7	97.4	96.7	81.6	17.5	49.2	64.9	65.6	68.1	50.6	6.7
Single	52.4	77.9	87.5	80.8	67.3	16.0	49.6	74.0	82.5	80.6	63.2	7.0
Other <sup>2</sup>	(b)	96.9	92.9	92.1	72.8	12.7	50.9	66.5	78.9	80.6	70.7	8.9
1986: Married <sup>1</sup>	91.8	95.8	97.3	96.3	81.8	17.3	52.9	63.1	66.4	69.0	50.4	7.0
Single	50.8	80.7	88.3	84.5	61.4	17.8	50.1	75.0	81.1	79.6	69.3	8.0
Other <sup>2</sup>	(b)	93.9	93.1	89.1	71.7	13.0	50.6	71.0	78.4	82.6	61.7	7.4
1987: Married <sup>1</sup>	90.4	95.7	97.2	96.2	82.2	17.4	42.8	67.4	67.5	71.7	51.3	6.9
Single	50.2	80.0	88.0	83.7	67.9	16.3	49.6	74.5	82.9	81.8	58.9	9.1
Other <sup>2</sup>	(b)	90.6	92.9	91.1	73.1	11.1	51.5	67.2	77.1	83.0	61.8	7.6

B For 1960, percentage not shown where base is less than 100,000; beginning 1970, 75,000. <sup>1</sup> Spouse present. <sup>2</sup> 14 to 19 years old. <sup>3</sup> Widowed, divorced, and married (spouse absent).  
 Source: U.S. Bureau of Labor Statistics, Bulletin 2096, and unpublished data.

**NO. 623. MARITAL STATUS OF WOMEN IN THE CIVILIAN LABOR FORCE: 1940 TO 1987**

[As of March, except as indicated. 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 <sup>1</sup>	Widowed or divorced	Total	Single	Married		Widowed or divorced
			Total <sup>1</sup>	Husband present							Total <sup>1</sup>	Husband present	
1940	13,840	6,710	5,040	4,200	2,090	48.5	36.4	15.1	27.4	48.1	16.7	14.7	32.0
1944	18,449	7,542	8,433	6,226	2,474	40.9	45.7	13.4	35.0	58.8	25.6	21.7	35.7
1947	16,323	6,181	7,545	6,676	2,597	37.9	46.2	15.9	29.8	51.2	21.4	20.0	34.6
1950	17,795	5,621	9,273	8,550	2,901	31.6	52.1	16.3	31.4	50.5	24.8	23.8	36.0
1955	20,154	5,087	11,839	10,423	3,227	25.2	58.7	16.0	33.5	46.4	29.4	27.7	36.0
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
1969	29,898	6,501	19,100	17,595	4,297	21.7	63.9	14.4	41.6	51.2	40.4	39.6	35.8
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	19,396	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	4,670	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	8,589	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	10,487	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	6,487	25.8	59.5	14.9	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	11,828	27,596	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	7,757	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	7,375	25.6	58.7	15.8	53.2	63.1	53.3	52.8	42.1
1985	50,891	12,925	29,755	27,116	8,211	25.4	58.5	16.1	54.5	65.2	54.7	54.2	42.8
1986	51,732	13,127	30,274	28,797	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

<sup>1</sup> Includes married, spouse absent. <sup>2</sup> As of April.  
 Source: 1940-1955, U.S. Bureau of the Census, *Current Population Reports*, series P-50. Beginning 1960, U.S. Bureau of Labor Statistics, Bulletin 2096, and unpublished data.

**NO. 624. MARRIED, SEPARATED, AND DIVORCED WOMEN—LABOR FORCE STATUS, BY PRESENCE AND AGE OF CHILDREN: 1960 TO 1987**

[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 <sup>1</sup>	Separated	Divorced	Married <sup>1</sup>	Separated	Divorced	Married <sup>1</sup>	Separated	Divorced	Married <sup>1</sup>	Separated	Divorced
<b>IN LABOR FORCE (mil.)</b>												
1960.....	12.3	(NA)	(NA)	5.7	(NA)	(NA)	4.1	(NA)	(NA)	2.5	(NA)	(NA)
1970.....	18.4	1.4	1.9	8.2	.7	1.1	6.3	.4	1.6	3.9	.3	.3
1980.....	24.9	1.9	4.4	11.2	.9	2.3	8.4	.6	2.6	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
<b>PARTICIPATION RATE<sup>2</sup></b>												
1960.....	30.5	(NA)	(NA)	34.7	(NA)	(NA)	39.0	(NA)	(NA)	18.6	(NA)	(NA)
1970.....	40.8	52.1	71.5	42.2	52.3	67.7	49.2	60.6	82.4	30.3	45.4	83.3
1980.....	50.1	58.4	74.5	46.0	58.9	71.4	61.7	66.3	82.3	45.1	52.2	68.3
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	78.0	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
<b>EMPLOYMENT (mil.)</b>												
1960.....	11.6	(NA)	(NA)	5.4	(NA)	(NA)	3.9	(NA)	(NA)	2.3	(NA)	(NA)
1970.....	17.5	1.3	1.6	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
<b>UNEMPLOYMENT RATE<sup>3</sup></b>												
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	6.1	5.9	15.7	13.8

NA Not available. <sup>1</sup> Husband present. <sup>2</sup> Percent of women in each specific category in the labor force.

<sup>3</sup> 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, Bulletin 2163, and unpublished data.

**NO. 625. LABOR FORCE PARTICIPATION RATES FOR WIVES, HUSBAND PRESENT, BY AGE OF OWN YOUNGEST CHILD: 1975 TO 1987**

[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	1987	1975	1980	1985	1987	1975	1980	1985	1987
<b>Wives, total.....</b>	44.5	50.2	54.3	55.8	43.7	49.3	53.4	54.9	54.3	59.3	64.2	65.6
No children under 18.....	44.0	48.0	48.2	48.4	43.5	45.5	47.5	47.9	47.7	51.2	56.1	53.2
With children under 18.....	44.9	54.3	61.0	63.9	43.9	53.2	60.0	62.8	58.8	65.6	71.5	76.1
<b>Under 6, total.....</b>	36.8	45.3	53.7	56.9	35.0	43.5	52.3	55.5	56.4	63.4	69.3	74.2
Under 3.....	32.6	41.5	50.7	54.5	30.9	40.0	49.8	53.1	52.2	57.7	65.7	71.3
1 year or under.....	30.8	39.0	49.4	52.6	29.2	37.7	48.6	51.2	50.0	52.9	63.7	70.3
2 years.....	37.1	48.1	54.0	59.0	35.1	46.1	52.7	57.7	56.4	71.0	69.9	73.8
3 to 5 years.....	42.2	51.7	58.8	60.9	40.3	49.4	56.6	59.3	61.7	72.3	73.8	77.9
3 years.....	41.2	51.5	55.1	59.0	39.0	48.4	52.7	57.5	62.7	73.4	72.3	76.4
4 years.....	41.2	51.4	58.7	61.7	38.7	49.8	58.4	60.9	64.9	66.4	70.6	75.0
5 years.....	44.4	52.4	62.1	62.5	43.8	50.4	59.9	60.1	56.3	77.8	79.1	82.9
<b>6 to 13 years.....</b>	51.8	62.6	68.1	70.6	50.8	61.4	67.7	69.6	64.9	71.8	73.5	80.7
14 to 17 years.....	53.8	60.5	67.0	70.5	53.6	60.6	66.3	70.0	51.0	58.4	74.1	71.0

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

**No. 626. 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 (-) denotes decrease]

OCCUPATION	EMPLOYMENT				PERCENT CHANGE, 1986-2000		
	1986	2000 <sup>1</sup>			Low	Moderate	High
		Low	Moderate	High			
<b>Total <sup>2</sup></b> .....	<b>111,623</b>	<b>126,432</b>	<b>133,030</b>	<b>137,533</b>	<b>13</b>	<b>19</b>	<b>23</b>
<b>LARGEST JOB GROWTH <sup>3</sup></b>							
Salespersons, retail .....	3,579	4,563	4,790	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 <sup>4</sup> .....	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	2,738	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, restaurants .....	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	397	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
<b>FASTEST GROWING</b>							
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	397	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
<b>FASTEST DECLINING</b>							
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 <sup>5</sup> .....	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	882	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

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

## NO. 627. EMPLOYED PERSONS, BY SEX, RACE, AND OCCUPATION: 1986

[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
<b>Total</b> .....	<b>109,597</b>	<b>44.4</b>	<b>9.9</b>	<b>6.6</b>
<b>Managerial and professional specialty</b> .....	<b>26,554</b>	<b>43.4</b>	<b>6.0</b>	<b>3.5</b>
Executive, administrative, and managerial <sup>1</sup> .....	12,642	38.8	5.2	3.7
Officials and administrators, public.....	467	42.0	8.4	3.8
Financial managers.....	409	38.4	3.0	4.3
Personnel and labor relations managers.....	114	48.8	5.5	3.5
Purchasing managers.....	100	29.4	4.1	3.0
Managers, marketing, advertising and public relations.....	440	24.9	2.5	2.3
Administrators, education and related fields.....	500	47.7	8.9	3.5
Managers, medicine and health.....	127	62.2	8.1	2.7
Managers, properties and real estate.....	362	44.2	5.2	5.6
Management-related occupations.....	3,449	46.3	6.7	3.9
Accountants and auditors.....	1,257	44.9	5.6	4.0
<b>Professional specialty<sup>1</sup></b> .....	<b>13,911</b>	<b>49.4</b>	<b>6.7</b>	<b>3.3</b>
Architects.....	132	9.7	3.2	4.1
Engineers <sup>1</sup> .....	1,749	6.0	3.7	2.5
Electrical and electronic.....	550	6.9	4.2	2.1
Mechanical.....	287	3.5	3.6	1.0
Mathematical and computer scientists.....	631	36.2	7.2	2.5
Computer systems analysts, scientists.....	385	34.4	6.6	2.4
Natural scientists.....	364	22.5	2.5	3.2
Health diagnosing occupations <sup>1</sup> .....	728	15.0	3.3	3.2
Physicians.....	489	17.6	3.3	4.1
Dentists.....	132	4.4	5.5	2.0
Health assessment and treating occupations <sup>1</sup> .....	2,026	85.3	7.0	2.8
Registered nurses.....	1,488	94.3	6.7	2.4
Therapists.....	257	74.2	7.8	4.4
Teachers, college and university.....	639	36.0	4.0	3.2
Teachers, except college and university <sup>1</sup> .....	3,559	73.4	9.5	3.6
Prekindergarten and kindergarten.....	358	98.0	13.9	6.1
Elementary school.....	1,340	85.2	10.8	3.4
Secondary school.....	1,195	54.9	7.8	3.4
Counselors, educational and vocational.....	173	53.9	12.9	4.7
Librarians, archivists, and curators.....	212	82.9	7.4	1.8
Librarians.....	194	85.9	7.5	1.7
Social scientists and urban planners.....	312	46.0	5.5	2.8
Psychologists.....	165	52.5	6.8	3.1
Social, recreation, and religious workers.....	911	46.9	12.5	5.3
Social workers.....	480	65.0	17.8	7.3
Lawyers and judges.....	650	18.1	3.0	1.9
Writers, artists, entertainers, and athletes.....	1,781	45.0	5.2	4.0
<b>Technical, sales, and administrative support</b> .....	<b>34,354</b>	<b>64.7</b>	<b>8.5</b>	<b>5.3</b>
Technicians and related support.....	3,364	47.0	8.2	4.0
Health technologists and technicians.....	1,124	84.1	12.4	2.9
Licensed practical nurses.....	417	97.5	17.2	2.6
Engineering and related technologists and technicians.....	937	17.7	6.3	5.3
Electrical and electronic technicians.....	328	12.6	7.0	4.5
Science technicians.....	208	27.9	7.0	4.2
Technicians, except health, engineering, and science.....	1,095	37.6	5.8	3.1
Computer programmers.....	549	34.0	5.9	2.2
Sales occupations.....	13,245	48.2	5.7	4.9
Supervisors and proprietors.....	3,493	30.5	4.0	4.4
Sales representatives, finance and business services <sup>1</sup> .....	2,255	41.5	3.9	3.4
Insurance sales.....	562	28.7	5.8	3.9
Real estate sales.....	737	50.6	2.1	3.3
Securities and financial services sales.....	283	24.5	3.1	2.6
Sales representatives, commodities, except retail.....	1,505	18.3	2.2	3.4
Sales workers, retail and personal services.....	5,927	68.6	8.2	6.1
Cashiers.....	2,310	82.9	12.3	6.8
Sales-related occupations.....	65	64.6	4.6	2.4
Administrative support, including clerical.....	17,745	80.4	10.7	5.8
Supervisors.....	727	59.3	10.8	5.1
Computer equipment operators.....	859	68.5	14.0	6.1
Computer operators.....	853	68.6	14.0	6.0
Secretaries, stenographers, and typists <sup>1</sup> .....	4,940	98.2	8.5	5.1
Secretaries.....	4,023	99.0	6.9	4.8
Typists.....	870	95.2	16.3	6.5
Information clerks.....	1,326	89.7	8.4	6.7
Receptionists.....	724	97.1	7.4	6.7
Records processing occupations, except financial.....	845	81.4	14.4	7.0
File clerks.....	311	84.5	17.6	9.6
Financial records processing.....	2,473	90.8	5.4	4.1
Bookkeepers, accounting, and auditing clerks.....	2,007	91.8	4.1	3.8

See footnotes at end of table.



## NO. 627. EMPLOYED PERSONS, BY SEX, RACE, AND OCCUPATION: 1986—Continued

[See headnote, page 376]

OCCUPATION	Total employed (1,000)	PERCENT OF TOTAL		
		Female	Black	Hispanic
<b>Technical, sales, and administrative support—Con.</b>				
Administrative support, including clerical—Con.				
Duplicating, mail and other office machine operators .....	77	61.9	16.9	7.2
Communications equipment operators .....	230	87.4	17.5	5.5
Telephone operators .....	220	87.9	17.4	5.6
Mail and message distributing occupations .....	903	34.4	20.3	6.2
Postal clerks, except mail carriers .....	299	43.5	29.8	7.1
Material recording, scheduling, and distributing clerks .....	1,639	39.5	11.8	8.1
Adjusters and investigators .....	824	72.3	11.1	5.7
Miscellaneous administrative support <sup>1</sup> .....	2,902	84.9	13.4	6.5
General office clerks .....	740	80.5	13.0	6.1
Bank tellers .....	462	91.8	7.8	5.3
Data entry keyers .....	343	91.1	19.6	8.1
Teachers' aides .....	381	94.2	17.9	10.8
<b>Service occupations</b>	<b>14,680</b>	<b>60.7</b>	<b>16.9</b>	<b>8.8</b>
Private household <sup>1</sup> .....	981	98.0	23.9	12.9
Child care workers .....	400	97.4	8.3	6.1
Cleaners and servants .....	527	95.3	35.5	17.8
Protective service <sup>1</sup> .....	1,787	12.4	15.0	5.6
Firefighting and fire prevention .....	218	2.2	7.3	4.5
Police and detectives .....	666	10.9	14.6	5.2
Guards .....	741	18.4	19.0	6.4
Service except private household and protective .....	11,913	65.0	16.8	9.0
Food preparation and service occupations <sup>1</sup> .....	5,127	62.8	12.1	8.8
Bartenders .....	322	48.8	3.1	5.2
Waiters and waitresses .....	1,403	85.1	5.1	6.2
Cooks, except short order .....	1,563	50.6	17.2	9.6
Short-order cooks .....	111	36.8	22.8	6.1
Food counter, fountain, and related occupations .....	340	78.5	12.8	5.3
Kitchen workers, food preparation .....	126	76.3	18.2	11.1
Waiters' and waitresses' assistants .....	332	39.2	15.1	14.8
Health service occupations .....	1,823	89.9	25.1	5.7
Dental assistants .....	167	98.0	4.2	7.1
Health aides, except nursing .....	357	83.4	18.8	7.8
Nursing aides, orderlies, and attendants .....	1,299	90.5	29.5	5.0
Cleaning and building service occupations <sup>1</sup> .....	2,861	41.5	23.8	12.8
Maids and housemen .....	583	84.8	29.8	13.9
Janitors and cleaners .....	2,075	30.9	22.9	12.7
Personal service occupations <sup>1</sup> .....	2,101	80.0	10.3	7.2
Barbers .....	92	16.8	9.6	7.2
Hairdressers and cosmetologists .....	719	88.8	7.3	7.3
Attendants, amusement and recreation facilities .....	121	43.1	8.3	3.8
Public transportation attendants .....	71	77.1	7.3	6.2
Welfare service aides .....	87	91.7	22.5	12.9
Child care workers, except private household .....	762	96.5	11.4	8.9
<b>Precision production, craft, and repair</b>	<b>13,405</b>	<b>8.8</b>	<b>7.5</b>	<b>7.7</b>
Mechanics and repairers .....	4,374	3.5	7.3	6.9
Mechanics and repairers, except supervisors <sup>1</sup> .....	4,127	3.2	7.4	7.1
Vehicle and mobile equipment mechanics and repairers .....	1,787	1.0	6.7	7.6
Automobile mechanics .....	871	1.0	7.6	8.4
Electrical and electronic equipment repairers .....	710	9.0	7.9	6.0
Telephone installers and repairers .....	228	13.3	8.1	6.0
Construction trades .....	4,924	2.0	7.1	7.4
Construction trades, except supervisors .....	4,309	2.1	7.6	7.9
Carpenters .....	1,327	1.4	5.3	6.7
Extractive occupations .....	171	2.4	3.7	11.0
Precision production occupations .....	3,936	22.8	8.5	8.8
<b>Operators, fabricators, and laborers</b>	<b>17,160</b>	<b>25.4</b>	<b>15.1</b>	<b>10.5</b>
Machine operators, assemblers, and inspectors <sup>1</sup> .....	7,911	40.3	14.7	12.1
Textile, apparel, and furnishings machine operators <sup>1</sup> .....	1,323	79.8	21.4	15.9
Textile sewing machine operators .....	737	90.6	17.1	21.0
Pressing machine operators .....	136	71.9	33.7	13.2
Fabricators, assemblers, and hand working occupations .....	1,849	32.4	12.7	10.6
Production inspectors, testers, samplers, and weighers .....	617	48.6	13.6	9.5
Transportation and material moving occupations .....	4,564	8.9	14.0	7.5
Motor vehicle operators .....	3,380	10.8	14.8	7.4
Trucks, heavy and light .....	2,452	4.3	13.3	7.7
Transportation occupations, except motor vehicles .....	203	2.1	3.9	4.3
Material moving equipment operators .....	981	3.6	13.6	8.7
Industrial truck and tractor operators .....	386	5.0	19.4	11.1
Handlers, equipment cleaners, helpers, and laborers <sup>1</sup> .....	4,685	16.3	16.6	10.5
Freight, stock, and material handlers .....	1,719	15.8	17.0	8.2
Laborers, except construction .....	1,128	17.7	18.0	9.6
<b>Farming, forestry, and fishing</b>	<b>3,444</b>	<b>15.9</b>	<b>6.5</b>	<b>10.5</b>
Farm operators and managers .....	1,337	14.1	1.4	1.1
Other agricultural and related occupations .....	1,917	18.1	9.7	17.4
Farm workers .....	940	23.6	8.6	21.1
Forestry and logging occupations .....	112	4.4	19.8	3.5
Fishers, hunters, and trappers .....	77	9.0	(2)	11.7

Z Less than .05 percent. <sup>1</sup> Includes other occupations, not shown separately.Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, January 1987.

**NO. 628. EMPLOYED CIVILIANS BY OCCUPATIONAL GROUP, SEX, RACE, AND EDUCATIONAL  
ATTAINMENT: 1987**

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

SEX, RACE, AND YEARS OF SCHOOL COMPLETED	Total employed	Manu- gerial/ profes- sional	Tech./ sales/ adminis- trative	Service <sup>1</sup>	Precision produc- tion <sup>2</sup>	Operators fabrica- tors <sup>3</sup>	Farming, forestry, fishing
NUMBER (1,000)							
<b>Male, total:</b>							
Less than 4 years of high school.....	8,306	476	703	943	2,350	3,050	783
4 years of high school only.....	18,551	2,120	3,453	1,784	5,534	4,801	860
1 to 3 years of college.....	9,539	2,352	2,810	937	1,905	1,277	259
4 years of college or more.....	14,166	9,470	3,058	437	627	403	171
<b>White:</b>							
Less than 4 years of high school.....	6,975	431	610	701	2,088	2,453	690
4 years of high school only.....	16,367	1,980	3,108	1,388	5,098	4,010	784
1 to 3 years of college.....	8,417	2,164	2,491	746	1,732	1,043	241
4 years of college or more.....	12,875	8,717	2,767	366	542	320	163
<b>Black:</b>							
Less than 4 years of high school.....	1,154	26	86	193	233	538	80
4 years of high school only.....	1,823	107	273	325	356	712	51
1 to 3 years of college.....	822	137	213	144	122	196	9
4 years of college or more.....	625	354	135	46	45	41	4
<b>Female, total:</b>							
Less than 4 years of high school.....	4,932	245	1,033	1,973	228	1,327	128
4 years of high school only.....	17,538	2,190	9,392	3,361	55.2	1,876	188
1 to 3 years of college.....	8,344	2,345	4,569	919	136	311	65
4 years of college or more.....	9,315	6,392	2,357	331	87	119	29
<b>White:</b>							
Less than 4 years of high school.....	3,804	223	906	1,337	189	1,038	111
4 years of high school only.....	15,279	2,022	8,497	2,675	441	1,469	175
1 to 3 years of college.....	7,098	2,075	3,865	752	109	234	64
4 years of college or more.....	6,097	5,639	1,998	267	78	85	28
<b>Black:</b>							
Less than 4 years of high school.....	948	13	113	568	24	219	11
4 years of high school only.....	1,886	130	788	577	59	348	4
1 to 3 years of college.....	992	200	574	127	21	69	1
4 years of college or more.....	716	484	184	31	6	11	-
PERCENT DISTRIBUTION							
<b>Male, total:</b>							
Less than 4 years of high school.....	100.0	5.7	8.5	11.4	28.3	36.7	9.4
4 years of high school only.....	100.0	11.4	18.6	9.6	29.8	25.9	4.6
1 to 3 years of college.....	100.0	24.7	29.5	9.8	20.0	13.4	2.7
4 years of college or more.....	100.0	66.9	21.6	3.1	4.4	2.8	1.2
<b>White:</b>							
Less than 4 years of high school.....	100.0	6.2	8.7	10.1	29.9	35.2	9.9
4 years of high school only.....	100.0	12.1	19.0	8.5	31.1	24.5	4.8
1 to 3 years of college.....	100.0	25.7	29.6	8.9	20.5	12.4	2.9
4 years of college or more.....	100.0	67.7	21.5	2.8	4.2	2.5	1.3
<b>Black:</b>							
Less than 4 years of high school.....	100.0	2.2	7.4	16.7	20.2	46.5	6.9
4 years of high school only.....	100.0	5.9	15.0	17.8	19.5	39.0	2.8
1 to 3 years of college.....	100.0	16.7	25.9	17.5	14.9	23.9	1.1
4 years of college or more.....	100.0	56.6	21.6	7.4	7.2	6.6	.6
<b>Female, total:</b>							
Less than 4 years of high school.....	100.0	5.0	20.9	40.0	4.6	26.9	2.6
4 years of high school only.....	100.0	12.5	53.5	19.2	3.0	10.7	1.1
1 to 3 years of college.....	100.0	28.1	54.8	11.0	1.6	3.7	.8
4 years of college or more.....	100.0	68.6	25.3	3.6	.9	1.3	.3
<b>White:</b>							
Less than 4 years of high school.....	100.0	5.9	23.8	35.1	5.0	27.3	2.9
4 years of high school only.....	100.0	13.2	55.6	17.5	2.9	9.6	1.1
1 to 3 years of college.....	100.0	29.2	54.4	10.6	1.5	3.3	.9
4 years of college or more.....	100.0	69.7	24.7	3.3	1.0	1.1	.3
<b>Black:</b>							
Less than 4 years of high school.....	100.0	1.4	11.9	59.9	2.5	23.1	1.2
4 years of high school only.....	100.0	6.9	40.7	30.6	3.1	18.5	.2
1 to 3 years of college.....	100.0	20.2	57.9	12.8	2.1	7.0	.1
4 years of college or more.....	100.0	67.6	25.7	4.3	.8	1.5	-

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

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

**NO. 629. OCCUPATIONS OF EMPLOYED CIVILIANS, BY SEX AND EDUCATIONAL ATTAINMENT: 1987**

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

YEARS OF SCHOOL COMPLETED	TOTAL <sup>1</sup>		MANAGERIAL/ PROFES- SIONAL		TECHNICAL/ SALES/ ADMINISTRA- TIVE		SERVICE <sup>2</sup>		PRECISION PRODUCTION <sup>3</sup>		OPERA- TORS/ FABRICA- TORS <sup>4</sup>	
	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male	Male	Fe- male
NUMBER (1,000)												
<b>Total</b> .....	<b>50,562</b>	<b>40,130</b>	<b>14,419</b>	<b>11,171</b>	<b>10,022</b>	<b>17,350</b>	<b>4,102</b>	<b>6,582</b>	<b>10,415</b>	<b>983</b>	<b>9,530</b>	<b>3,633</b>
Less than 4 years of high school.....	8,306	4,932	476	245	703	1,033	943	1,973	2,350	228	3,050	1,327
4 years of high school only.....	18,551	17,538	2,120	2,190	3,453	9,392	1,784	3,361	5,534	532	4,801	1,876
1 to 3 years of college.....	9,539	8,344	2,352	2,345	2,810	4,569	937	919	1,805	136	1,277	311
4 years of college or more.....	14,166	9,315	9,470	6,392	3,058	2,357	437	331	87	403	403	119
PERCENT DISTRIBUTION												
<b>Total</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Less than 4 years of high school.....	16.4	12.3	3.3	2.2	7.0	6.0	23.0	30.0	22.6	23.2	32.0	36.5
4 years of high school only.....	36.7	43.7	14.7	19.6	34.4	54.1	43.5	51.0	53.1	54.1	50.4	51.6
1 to 3 years of college.....	18.7	20.8	16.3	21.0	28.0	26.3	22.8	14.0	16.3	13.8	13.4	8.6
4 years of college or more.....	28.0	23.2	65.7	57.2	30.5	13.6	10.7	5.0	6.0	8.9	4.2	3.3

<sup>1</sup> Includes other occupations not shown separately. <sup>2</sup> Includes private household workers. <sup>3</sup> Includes craft and repair. <sup>4</sup> Includes laborers.

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

**NO. 630. EMPLOYMENT, BY INDUSTRY, 1970 TO 1986, AND BY SELECTED CHARACTERISTICS, 1986**

[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 1984 forward not strictly comparable with earlier years due to changes in industrial classification]

INDUSTRY	1970	1975	1980	1984	1985	1986			
						Total	Percent		
							Fe- male	Black	His- panic <sup>1</sup>
<b>Total employed</b> .....	<b>78,678</b>	<b>85,846</b>	<b>99,303</b>	<b>105,005</b>	<b>107,150</b>	<b>109,597</b>	<b>44.4</b>	<b>9.9</b>	<b>6.6</b>
Agriculture .....	3,463	3,408	3,364	3,321	3,179	3,163	20.6	4.9	10.4
Mining .....	516	752	979	957	939	880	16.3	3.7	6.9
Construction.....	4,818	5,093	6,215	6,665	6,987	7,268	8.8	6.8	7.2
Manufacturing .....	20,746	19,457	21,942	20,985	20,879	20,962	32.1	10.1	7.9
Transportation, communication, and other public utilities.....	5,320	5,692	6,525	7,356	7,548	7,650	27.4	13.1	5.8
Wholesale and retail trade.....	15,008	17,713	20,191	21,979	22,296	22,813	47.4	7.8	6.7
Wholesale trade.....	2,672	3,382	3,920	4,212	4,341	4,416	28.6	6.1	6.4
Retail trade.....	12,336	14,331	16,270	17,767	17,955	18,397	52.0	8.2	6.8
Finance, insurance, real estate.....	3,945	4,735	5,993	6,750	7,005	7,401	59.2	7.8	5.2
Banking and other finances.....	1,697	1,951	2,568	3,032	3,135	3,283	64.9	7.8	5.0
Insurance and real estate.....	2,248	2,783	3,425	3,720	3,870	4,137	54.7	7.7	5.4
Services <sup>2</sup> .....	20,385	24,174	28,752	32,214	33,322	34,337	61.6	11.5	5.9
Business services <sup>2</sup> .....	1,403	1,695	2,361	3,629	3,999	4,306	49.3	10.9	6.2
Advertising .....	147	154	191	244	263	270	54.1	4.1	4.9
Services to dwellings and buildings.....	(NA)	274	370	571	571	601	44.3	18.6	14.2
Personnel supply services.....	(NA)	125	235	467	590	618	75.1	20.0	5.7
Business management/consulting.....	(NA)	194	307	372	395	446	50.7	6.0	2.1
Computer and data processing.....	(NA)	108	221	456	549	610	41.6	5.1	2.2
Detective/protective services.....	(NA)	172	213	311	319	325	19.7	18.4	7.9
Automobile services <sup>2</sup> .....	600	711	952	1,186	1,322	1,280	11.6	7.4	11.0
Private households.....	4,276	3,772	3,899	4,174	4,352	4,472	73.0	15.3	9.6
Hotels and lodging places.....	1,782	1,392	1,257	1,243	1,254	1,241	85.2	23.5	12.0
Hotels and lodging places.....	979	996	1,149	1,347	1,451	1,523	66.2	14.2	11.0
Entertainment and recreation.....	717	865	1,047	1,260	1,278	1,292	40.8	9.3	5.4
Professional and related services <sup>2</sup> .....	12,904	16,573	19,853	21,174	21,563	22,174	67.4	11.4	4.8
Hospitals.....	2,843	3,441	4,036	4,288	4,269	4,368	76.5	15.8	5.3
Health services.....	1,628	2,505	3,345	3,446	3,641	3,761	77.1	11.1	4.4
Elementary, secondary schools.....	612	5,077	5,550	5,347	5,431	5,510	71.9	12.0	4.9
Colleges and universities.....	1,852	1,852	2,108	2,209	2,281	2,342	51.0	9.6	4.1
Social services.....	828	1,247	1,590	1,595	1,682	1,805	77.8	16.6	6.5
Legal services.....	429	541	776	938	995	1,034	55.8	4.4	3.9
Public administration <sup>3</sup> .....	4,476	4,824	5,342	4,766	4,985	5,104	41.4	14.3	5.1

NA Not available. <sup>1</sup> Hispanic persons may be of any race. <sup>2</sup> Includes industries not shown separately. <sup>3</sup> Includes workers involved in uniquely governmental activities, e.g., judicial and legislative.

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

## NO. 631. 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 <sup>1</sup> code	INDUSTRY	EMPLOYMENT				ANNUAL AVERAGE RATE OF CHANGE		
		1970	1980	1986	2000 <sup>2</sup>	1970-1980	1980-1986	1986-2000 <sup>3</sup>
(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	4,346	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	682	586	535	.3	-2.0	-6
33	Primary metal industries.....	1,280	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 <sup>4</sup> .....	1,871	2,091	2,124	2,128	1.1	.3	-
3682	Radio and TV communication equipment.....	362	378	505	542	.4	4.9	.5
3674	Semiconductors and related devices.....	(NA)	223	258	289	(NA)	3.1	.5
37	Transportation equipment.....	1,852	1,900	2,018	1,697	.3	1.0	-1.2
371	Motor vehicles.....	739	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	Non-durable.....	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.....	874	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
28	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
40-42, 44-49	Service-producing.....	47,147	64,384	74,363	94,478	3.2	2.4	1.7
40-42, 44-47	Transportation and public utilities.....	4,517	5,146	5,244	5,719	1.3	.3	.6
48	Communications.....	2,696	2,962	3,041	3,500	.9	4	1.0
49	Public utilities.....	1,130	1,357	1,279	1,222	1.3	-1.0	-3
50-51	Wholesale trade.....	691	827	924	998	1.8	1.9	.6
52-59	Retail trade.....	3,993	5,275	5,735	7,266	2.8	1.4	1.7
58	Eating and drinking places.....	11,048	15,035	17,845	22,702	3.1	2.9	1.7
60-67	Finance, insurance, and real estate.....	2,575	4,628	5,879	8,365	6.0	4.1	2.6
70-86, 89	Services <sup>5</sup> .....	3,648	5,159	6,297	7,917	3.5	3.4	1.7
70	Hotels and other lodging places.....	11,390	17,528	22,531	32,545	4.4	4.3	2.7
72	Personal services.....	(NA)	1,076	1,401	1,971	(NA)	4.5	2.5
73	Business services <sup>6</sup> .....	989	901	1,104	1,357	-9	3.4	1.5
734	Services to dwellings and other buildings.....	1,676	3,092	4,781	8,121	6.3	7.5	3.9
736	Personnel supply services.....	295	495	681	1,020	5.3	5.5	2.9
737	Computer and data processing services.....	(NA)	563	1,017	1,851	(NA)	10.4	4.4
7391, 2, 7	Research, management, and consulting services.....	(NA)	304	591	1,203	(NA)	11.7	5.2
79	Amusement and recreation services.....	(NA)	539	788	1,301	(NA)	6.5	3.6
80	Health services.....	4168	764	915	1,204	5.0	3.1	2.0
801-4	Offices of health practitioners.....	3,053	5,278	6,551	9,774	5.6	3.7	2.9
805	Nursing and personal care facilities.....	(NA)	1,211	1,672	3,061	(NA)	5.5	4.4
806	Hospitals, private.....	(NA)	997	1,250	2,097	(NA)	3.8	3.8
807-9	Outpatient facilities and health services, n.e.c. <sup>4</sup> .....	1,863	2,750	3,038	3,513	4.0	1.7	1.0
81	Legal services.....	(NA)	320	591	1,103	(NA)	10.7	4.6
82	Educational services.....	236	498	748	1,267	7.8	7.0	3.8
83, 4, 6, 9	Social, membership, and miscellaneous services.....	940	1,138	1,428	1,620	1.9	3.9	.9
(X)	Government.....	(NA)	3,704	4,296	5,569	(NA)	2.5	1.9
(X)	Federal government.....	12,553	16,241	16,711	18,329	2.6	.5	.7
(X)	State and local government.....	2,731	2,666	2,899	3,000	.5	.2	.2
01, 2, 7, 8, 9	Agriculture.....	9,622	13,375	13,812	15,329	3.1	.5	.7
88	Private households.....	3,506	3,426	3,252	2,917	-2	-8	-8
(X)	Nonfarm self-employed and unpaid family workers.....	1,794	1,256	1,241	1,215	-3.5	-2	-1.1
		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. <sup>1</sup> Standard Industrial Classification; see text, section 13. <sup>2</sup> Projections based on assumptions of moderate growth; see source for details. <sup>3</sup> Includes other industries, not shown separately. <sup>4</sup> N.e.c. means not elsewhere classified.

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

No. 632. UNEMPLOYED WORKERS—SUMMARY: 1972 TO 1986

[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 581. See also *Historical Statistics, Colonial Times to 1970*, series D 67-101]

ITEM AND CHARACTERISTIC	1972	1975	1980	1981	1982	1983	1984	1985	1986
<b>UNEMPLOYED</b>									
<b>Total</b> <sup>1</sup>	<b>4,882</b>	<b>7,929</b>	<b>7,637</b>	<b>8,273</b>	<b>10,678</b>	<b>10,717</b>	<b>8,539</b>	<b>8,312</b>	<b>8,237</b>
Labor force time lost <sup>2</sup> (percent).....	5.9	9.1	7.9	8.5	11.0	10.9	8.6	8.1	7.9
16-19 years old.....	1,308	1,767	1,669	1,763	1,977	1,829	1,499	1,468	1,454
20-24 years old.....	1,132	1,865	1,835	1,976	2,392	2,330	1,838	1,738	1,651
25-44 years old.....	1,454	2,727	2,964	3,276	4,589	4,728	3,709	3,681	3,781
45-64 years old.....	878	1,413	1,075	1,159	1,813	1,716	1,394	1,331	1,279
65 years and over.....	111	155	94	98	107	114	97	93	91
<b>Male</b> .....	<b>2,659</b>	<b>4,442</b>	<b>4,267</b>	<b>4,577</b>	<b>6,179</b>	<b>6,260</b>	<b>4,744</b>	<b>4,521</b>	<b>4,530</b>
16-19 years old.....	711	966	913	962	1,050	1,003	812	806	779
20-24 years old.....	628	1,081	1,076	1,144	1,407	1,369	1,023	944	899
25-44 years old.....	750	1,493	1,619	1,765	2,670	2,769	2,050	1,950	2,054
45-64 years old.....	499	801	600	651	943	1,046	806	766	741
65 years and over.....	73	103	58	55	69	73	63	55	58
<b>Female</b> .....	<b>2,222</b>	<b>3,486</b>	<b>3,370</b>	<b>3,696</b>	<b>4,499</b>	<b>4,457</b>	<b>3,794</b>	<b>3,791</b>	<b>3,707</b>
16-19 years old.....	598	802	755	800	886	825	687	661	675
20-24 years old.....	503	783	760	833	985	961	815	794	752
25-44 years old.....	706	1,235	1,345	1,511	1,919	1,958	1,859	1,732	1,708
45-64 years old.....	378	612	473	508	670	671	589	566	539
65 years and over.....	38	52	36	43	38	41	45	39	33
<b>White</b> .....	<b>3,906</b>	<b>6,421</b>	<b>5,884</b>	<b>6,343</b>	<b>8,241</b>	<b>8,128</b>	<b>6,372</b>	<b>6,191</b>	<b>6,140</b>
16-19 years old.....	1,021	1,413	1,291	1,374	1,534	1,387	1,116	1,074	1,070
20-24 years old.....	887	1,474	1,364	1,449	1,770	1,678	1,282	1,235	1,149
<b>Black</b> .....	<b>906</b>	<b>1,369</b>	<b>1,553</b>	<b>1,731</b>	<b>2,142</b>	<b>2,272</b>	<b>1,914</b>	<b>1,864</b>	<b>1,840</b>
16-19 years old.....	279	330	343	357	398	392	353	357	347
20-24 years old.....	226	362	426	493	565	591	504	465	453
<b>Hispanic</b> <sup>3</sup> .....	(NA)	508	620	678	929	961	800	811	857
Full-time workers.....	3,806	6,523	6,269	6,795	9,006	9,075	7,057	6,793	6,708
Part-time workers.....	1,077	1,408	1,369	1,477	1,672	1,642	1,481	1,519	1,529
<b>UNEMPLOYMENT RATE (percent)<sup>4</sup></b>									
<b>Total</b> <sup>1</sup>	<b>5.6</b>	<b>8.5</b>	<b>7.1</b>	<b>7.6</b>	<b>9.7</b>	<b>9.6</b>	<b>7.5</b>	<b>7.2</b>	<b>7.0</b>
16-19 years old.....	16.2	19.9	17.8	19.6	23.2	22.4	18.9	18.6	18.3
20-24 years old.....	9.3	13.6	11.5	12.3	14.9	14.5	11.5	11.1	10.7
25-44 years old.....	4.1	6.9	6.0	6.3	8.6	8.5	6.4	6.2	6.1
45-64 years old.....	3.1	5.0	3.7	4.0	5.6	5.9	4.8	4.5	4.3
65 years and over.....	3.6	5.2	3.1	3.2	3.5	3.7	3.3	3.2	3.0
<b>Male</b> .....	<b>5.0</b>	<b>7.9</b>	<b>6.9</b>	<b>7.4</b>	<b>9.9</b>	<b>9.9</b>	<b>7.4</b>	<b>7.0</b>	<b>6.9</b>
16-19 years old.....	15.9	20.1	18.3	20.1	24.4	23.3	19.6	19.5	19.0
20-24 years old.....	9.3	14.3	12.5	13.2	16.4	15.9	11.9	11.4	11.0
25-44 years old.....	3.3	6.1	5.6	6.0	8.7	8.8	6.3	5.9	6.0
45-64 years old.....	2.8	4.6	3.5	3.8	5.6	6.2	4.8	4.5	4.4
65 years and over.....	3.6	5.4	3.1	2.9	3.7	3.9	3.0	3.1	3.2
<b>Female</b> .....	<b>6.6</b>	<b>9.3</b>	<b>7.4</b>	<b>7.9</b>	<b>9.4</b>	<b>9.2</b>	<b>7.6</b>	<b>7.4</b>	<b>7.1</b>
16-19 years old.....	16.7	18.7	17.2	19.0	21.9	21.3	18.0	17.6	17.6
20-24 years old.....	9.4	12.7	10.4	11.2	13.2	12.9	10.9	10.7	10.3
25-44 years old.....	5.6	8.1	6.4	6.9	8.3	8.2	6.6	6.6	6.2
45-64 years old.....	3.5	5.6	4.0	4.3	5.6	5.6	4.9	4.6	4.2
65 years and over.....	3.5	5.0	3.1	3.6	3.2	3.4	3.8	3.3	2.8
<b>White</b> .....	<b>5.1</b>	<b>7.8</b>	<b>6.3</b>	<b>6.7</b>	<b>8.6</b>	<b>8.4</b>	<b>6.5</b>	<b>6.2</b>	<b>6.0</b>
16-19 years old.....	14.2	17.9	15.5	17.3	20.4	19.3	16.0	15.7	15.6
20-24 years old.....	8.4	12.3	9.9	10.4	12.8	12.1	9.3	9.2	8.7
<b>Black</b> .....	<b>10.4</b>	<b>14.8</b>	<b>14.3</b>	<b>15.6</b>	<b>18.9</b>	<b>19.5</b>	<b>15.9</b>	<b>15.1</b>	<b>14.5</b>
16-19 years old.....	35.4	39.5	38.5	41.4	48.0	48.5	42.7	40.2	39.3
20-24 years old.....	16.3	24.5	23.6	26.4	30.5	31.4	26.1	24.5	24.1
<b>Hispanic</b> <sup>3</sup> .....	(NA)	12.2	10.1	10.4	13.8	13.7	10.7	10.5	10.6
<b>Experienced workers</b> <sup>5</sup> .....	<b>5.3</b>	<b>8.2</b>	<b>6.9</b>	<b>7.3</b>	<b>9.3</b>	<b>9.2</b>	<b>7.1</b>	<b>6.8</b>	<b>6.6</b>
<b>Women maintaining families</b> .....	<b>7.2</b>	<b>10.0</b>	<b>9.2</b>	<b>10.4</b>	<b>11.7</b>	<b>12.2</b>	<b>10.3</b>	<b>10.4</b>	<b>9.8</b>
White.....	5.8	8.5	7.3	8.1	9.4	9.1	7.8	8.1	7.7
Black.....	(NA)	(NA)	14.0	16.2	18.0	20.2	16.7	16.4	15.4
<b>Married men, wife present</b> <sup>1</sup> .....	<b>2.8</b>	<b>5.1</b>	<b>4.2</b>	<b>4.3</b>	<b>6.5</b>	<b>6.5</b>	<b>4.6</b>	<b>4.3</b>	<b>4.4</b>
White.....	2.6	4.8	3.9	4.0	6.0	6.0	4.3	4.0	4.0
Black.....	4.5	8.7	7.4	8.6	11.5	11.3	8.1	8.0	8.0
<b>Percent without work for—</b>									
Less than 5 weeks.....	45.9	37.1	43.1	41.7	36.4	33.3	39.2	42.1	41.9
5-10 weeks.....	22.5	22.2	23.4	22.4	21.7	19.4	20.6	22.2	22.6
11-14 weeks.....	7.6	9.1	9.0	8.3	9.4	8.0	8.1	8.0	8.4
15-26 weeks.....	12.3	18.4	13.8	13.6	16.0	15.4	12.9	12.3	12.7
27 weeks and over.....	11.6	15.2	10.7	14.0	16.6	23.9	19.1	15.4	14.4
Unemployment duration, average (weeks).....	12.1	14.2	11.9	13.7	15.6	20.0	18.2	15.6	15.0

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

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

## NO. 633. UNEMPLOYED PERSONS, BY SEX AND REASON, 1970 TO 1986, AND BY DURATION, 1986

(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	1978	1979	1980	1981	1982	1983	1984	1985	Total	1986		
												Duration of unemployment (percent)		
												Less than 5 weeks	5 to 14 weeks	15 weeks and over
Male.....	2,238	4,442	3,142	3,120	4,267	4,577	6,179	6,260	4,744	4,521	4,530	37.8	31.1	31.1
Job losers.....	1,199	2,909	1,622	1,667	2,649	2,821	4,278	4,331	2,976	2,749	2,725	32.8	31.3	35.9
Job leavers.....	282	375	419	427	438	435	390	386	375	409	520	44.4	32.1	23.5
Reentrants.....	533	782	706	673	776	850	946	953	867	876	805	44.7	30.0	25.4
New entrants.....	224	377	394	352	405	472	565	589	526	487	480	47.6	31.2	21.2
Female.....	1,855	3,486	3,061	3,018	3,370	3,696	4,499	4,457	3,794	3,791	3,707	46.8	30.9	22.3
Job losers.....	614	1,478	964	968	1,297	1,446	1,990	1,925	1,445	1,390	1,308	37.1	32.5	30.4
Job leavers.....	267	452	455	453	454	488	450	444	449	468	494	49.8	31.3	19.0
Reentrants.....	696	1,110	1,151	1,133	1,161	1,252	1,438	1,459	1,317	1,380	1,355	51.7	30.1	18.2
New entrants.....	279	447	491	465	468	509	621	627	584	552	549	55.1	28.9	16.0

Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, monthly, and Bulletin 2098.

## NO. 634. UNEMPLOYMENT RATE BY SEX, RACE, AND EDUCATIONAL ATTAINMENT: 1970 TO 1987

(In percent. As of March. Civilian noninstitutional population 18 and over for 1970; 16 years old and over for 1975 and later years. 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
Male: Total 1.....	3.7	9.0	7.5	6.3	5.8	6.8	8.1	10.3	11.9	8.6	7.8	7.8	7.4
High school: 1-3 years.....	5.8	14.7	13.4	12.1	11.9	12.8	15.6	19.4	21.4	17.6	16.2	15.3	15.4
4 years.....	3.4	9.1	7.2	5.9	5.5	6.9	8.8	11.3	13.6	9.4	8.3	8.6	7.5
College: 1-3 years.....	3.8	6.6	5.5	4.3	4.3	5.0	5.2	7.5	9.3	5.7	5.0	5.4	5.7
4 years or more.....	1.3	2.5	2.8	2.2	1.9	1.8	2.1	3.2	3.6	2.8	2.6	2.5	2.7
Female: Total 1.....	4.9	9.5	8.5	7.0	6.6	6.7	7.6	8.9	9.7	7.7	7.4	7.2	6.8
High school: 1-3 years.....	7.4	15.9	14.3	12.9	12.7	13.3	15.0	16.0	19.6	16.2	15.5	15.5	14.0
4 years.....	4.6	9.1	7.8	6.6	6.1	6.4	7.4	9.2	9.7	7.6	7.7	7.6	6.8
College: 1-3 years.....	4.0	7.4	6.8	5.1	4.3	4.9	5.0	6.1	6.8	6.1	5.3	5.1	4.9
4 years or more.....	2.0	3.6	4.2	3.0	3.0	2.5	3.0	3.3	4.0	2.7	2.5	2.4	2.4
White: Total 1.....	3.9	8.5	7.2	5.8	5.4	6.0	7.0	8.6	9.7	7.2	6.6	6.6	6.1
High school: 1-3 years.....	6.7	14.0	12.7	10.7	10.9	11.6	13.5	17.0	19.0	15.2	14.2	13.5	13.1
4 years.....	3.6	8.4	6.8	5.5	5.0	5.9	7.2	9.1	10.3	7.4	7.0	7.0	6.2
College: 1-3 years.....	3.7	6.6	5.5	4.1	3.8	4.4	4.4	5.8	7.0	5.1	4.2	4.5	4.5
4 years or more.....	1.5	2.8	3.2	2.3	2.1	1.9	2.3	2.9	3.4	2.5	2.3	2.3	2.3
Black: Total 1, 2.....	6.7	14.7	14.7	13.2	12.6	13.4	15.9	19.9	21.0	17.1	15.6	15.0	14.5
High school: 1-3 years.....	9.5	22.0	20.0	21.6	19.6	20.5	24.7	24.1	29.5	27.1	24.7	24.7	23.2
4 years.....	7.2	15.2	14.4	12.7	12.8	13.1	15.4	20.7	22.8	18.3	16.2	16.1	14.3
College: 1-3 years.....	6.1	10.1	12.5	10.4	8.8	10.6	11.8	15.8	17.3	12.0	12.3	10.5	11.6
4 years or more.....	1.4	3.9	5.0	4.7	4.2	4.4	4.0	8.3	8.5	8.3	5.8	5.8	5.3
Hispanic origin: 3 Total 1.....	(NA)	12.8	11.4	9.5	8.7	9.2	11.2	13.4	16.3	11.7	11.3	10.6	10.2
High school: 1-3 years.....	(NA)	18.4	17.2	14.0	14.6	14.3	17.0	21.8	23.9	18.4	15.7	17.1	14.8
4 years.....	(NA)	10.5	10.0	7.4	8.2	7.1	9.7	11.4	14.4	9.7	9.5	8.9	9.4
College: 1-3 years.....	(NA)	7.9	8.2	7.3	6.5	5.9	8.3	7.1	10.9	7.6	7.4	6.8	7.2
4 years or more.....	(NA)	3.6	5.0	7.3	3.6	3.7	2.8	4.9	6.8	3.6	3.1	3.2	2.6

NA Not available. 1 Includes persons reporting no school years completed and elementary completed.

2 For 1970 and 1975, data refer to Black and other workers. 3 Hispanic persons may be of any race.

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

## NO. 635. UNEMPLOYMENT RATE, BY INDUSTRY, 1975 TO 1986, AND BY SEX, 1980 AND 1986

(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	1982	1983	1984	1985	1986	MALE		FEMALE	
								1980	1986	1980	1986
All unemployed 1.....	8.5	7.1	9.7	9.6	7.5	7.2	7.0	6.9	6.9	7.4	7.1
Industry: 2											
Agriculture.....	10.3	11.0	14.7	16.0	13.5	13.2	12.5	9.7	12.0	15.1	14.5
Mining.....	4.1	6.4	13.4	17.0	10.0	9.5	13.5	6.8	14.6	4.5	7.5
Construction.....	18.0	14.1	20.0	18.4	14.3	13.1	13.1	14.7	13.4	8.8	9.0
Manufacturing.....	10.9	8.5	12.3	11.2	7.5	7.7	7.1	7.4	6.2	10.7	9.0
Transportation and public utilities.....	5.6	4.9	6.8	7.4	5.5	5.1	5.1	5.1	5.3	4.4	4.5
Wholesale and retail trade.....	8.7	7.4	10.0	10.0	8.0	7.6	7.6	6.5	6.7	8.3	8.5
Finance, insurance, and real estate.....	4.9	3.4	4.7	4.5	3.7	3.5	3.5	3.2	3.3	3.5	3.6
Service industries.....	7.1	5.9	7.6	7.9	6.6	6.2	6.1	6.2	6.5	5.7	5.9
Government.....	4.1	4.1	4.9	5.3	4.5	3.9	3.6	3.8	3.6	4.3	3.5

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. 636. UNEMPLOYMENT AND UNEMPLOYMENT RATE BY OCCUPATION, 1983 TO 1986, AND BY SEX, 1986**

[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	1986	1983	1985	1986		
						Total	Male	Female
<b>Total</b> .....	<b>10,717</b>	<b>8,312</b>	<b>8,237</b>	<b>9.6</b>	<b>7.2</b>	<b>7.0</b>	<b>6.9</b>	<b>7.1</b>
Managerial and professional specialty.....	795	645	653	3.3	2.4	2.4	2.2	2.7
Executive, administrative, and managerial.....	396	329	336	3.5	2.6	2.6	2.2	3.3
Professional specialty.....	399	316	317	3.0	2.3	2.2	2.1	2.3
Technical sales, and administrative support.....	2,116	1,694	1,700	6.3	4.9	4.7	3.8	5.2
Technicians and related support.....	152	110	114	4.7	3.3	3.3	3.4	3.1
Sales occupations.....	850	702	718	6.7	5.3	5.1	3.4	6.9
Administrative support, including clerical.....	1,114	882	868	6.4	4.9	4.7	4.7	4.6
Service occupations.....	1,697	1,366	1,381	10.9	8.8	8.6	8.4	8.8
Private household.....	79	69	69	7.4	6.4	6.5	5.8	6.6
Protective service.....	120	85	90	6.7	4.7	4.8	4.2	8.7
Service except private household and protective....	1,499	1,233	1,223	11.8	9.5	9.3	9.9	9.0
Precision production, craft, and repair.....	1,466	1,038	1,038	10.6	7.2	7.2	7.0	9.2
Mechanics and repairs.....	344	225	225	7.6	4.8	4.9	4.9	5.7
Construction trades.....	709	531	522	14.2	10.1	9.6	9.5	14.1
Other precision production, craft, and repair.....	412	281	290	9.6	6.4	6.6	5.9	9.1
Operators, fabricators, and laborers.....	2,955	2,140	2,089	15.5	11.3	10.9	10.5	11.8
Machine operators, assemblers, inspectors.....	1,411	980	907	15.4	11.1	10.3	9.1	11.9
Transportation and material moving occupations.....	596	422	431	12.4	8.5	8.6	8.7	8.0
Handlers, equipment cleaners, helpers, laborers.....	948	739	752	18.6	14.3	13.8	13.9	13.3
Construction laborers.....	207	186	198	25.8	21.3	21.0	20.8	(8)
Farming, forestry, and fishing.....	407	315	293	9.9	8.3	7.8	7.5	9.7

B Base is less than 35,000. <sup>1</sup> Includes persons with no previous work experience and those whose last job was in the Armed Forces.

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

**NO. 637. DISPLACED WORKERS, BY DIVISION OF RESIDENCE AND SELECTED CHARACTERISTICS: 1986**

[In thousands, except percent. As of January. For the civilian noninstitutionalized population 16 years old and over. Refers to persons with tenure of 3 or more years who lost or left a job between January 1981 and January 1986 because of plant closings, moves, slack work, or the abolishment of their positions or shifts. Based on the Current Population Survey; see text, section 1 and Appendix III. For composition of divisions, see fig. 1, inside front cover]

CHARACTERISTIC	Total	New England	Mid. Atlantic	E. No. Central	W. No. Central	So. Atlantic	E. So. Central	W. So. Central	Mountain	Pacific
<b>Total</b> .....	<b>5,130</b>	<b>226</b>	<b>733</b>	<b>1,149</b>	<b>384</b>	<b>744</b>	<b>397</b>	<b>610</b>	<b>240</b>	<b>648</b>
	PERCENT DISTRIBUTION									
<b>SEX</b>										
Male.....	64.7	57.1	61.8	67.4	65.9	62.4	59.2	65.7	70.4	68.4
Female.....	35.3	42.9	38.2	32.6	34.1	37.6	40.8	34.3	29.6	31.6
<b>REASON FOR JOB LOSS</b>										
Plant <sup>1</sup> closed down or moved.....	54.8	63.3	58.3	50.5	53.6	59.7	56.2	51.0	51.3	54.2
Slack work.....	31.2	21.2	30.2	35.0	31.8	26.5	33.2	34.4	31.7	29.9
Position or shift abolished.....	14.0	15.5	11.5	14.4	14.3	13.8	10.6	14.6	17.1	15.9
<b>INDUSTRY OF LOST JOB</b>										
Construction.....	7.0	3.5	3.7	7.3	6.5	8.2	8.8	7.0	10.4	8.2
Manufacturing.....	50.5	62.4	58.4	56.2	46.6	48.9	49.6	48.1	27.5	44.6
Durable goods.....	33.3	36.3	37.1	43.3	31.3	23.8	25.4	30.3	17.1	35.8
Nondurable goods.....	17.3	26.1	21.4	12.9	15.4	25.1	24.2	15.7	10.4	8.8
Transportation, and public utilities.....	8.1	8.4	8.5	7.2	7.6	7.4	12.8	8.4	8.3	7.1
Wholesale and retail trade.....	13.8	9.7	10.0	14.3	18.0	12.9	12.3	13.1	16.3	17.6
Public administration.....	1.1	.9	1.4	1.0	2.1	.4	.8	.5	2.9	1.2
Finance and service.....	13.3	15.0	14.1	10.4	12.5	13.7	8.8	13.3	21.3	16.5
Other <sup>2</sup> .....	6.2	.4	4.0	3.6	6.5	8.3	6.8	11.6	13.3	4.8
<b>EMPLOYMENT STATUS</b>										
Employed.....	66.9	74.3	60.3	65.2	68.5	71.9	62.5	66.1	72.5	69.4
Unemployed.....	17.8	8.7	22.1	20.3	16.1	14.0	21.2	16.9	14.2	16.7
Not in the labor force.....	15.3	15.5	17.6	14.5	15.4	14.1	16.4	16.9	13.3	13.9

<sup>1</sup> Or company. <sup>2</sup> Includes unknown.

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

## No. 638. TOTAL UNEMPLOYED AND INSURED UNEMPLOYED—STATES: 1980 TO 1986

[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 <sup>1</sup>										INSURED UNEMPLOYED			
	Number (1,000)					Percent <sup>2</sup>					Number (1,000)		Percent <sup>3</sup>	
	1980	1983	1984	1985	1986	1980	1983	1984	1985	1986	1985	1986	1985	1986
<b>U.S.</b> .....	<b>7,637</b>	<b>10,717</b>	<b>8,539</b>	<b>8,312</b>	<b>8,237</b>	<b>7.1</b>	<b>9.6</b>	<b>7.5</b>	<b>7.2</b>	<b>7.0</b>	<b>2,561</b>	<b>2,607</b>	<b>2.8</b>	<b>2.8</b>
<b>N. Eng.: ME</b> .....	39	48	34	30	30	7.8	9.0	8.1	5.4	5.3	14.8	12.3	3.5	2.8
NH.....	22	27	22	21	16	4.7	5.4	4.3	3.9	2.8	4.3	3.6	1.0	.8
VT.....	16	18	14	13	14	6.4	6.9	5.2	4.8	4.7	6.3	5.3	3.1	2.5
MA.....	162	205	145	121	117	5.6	6.9	4.8	3.9	3.9	64.7	64.1	2.4	2.3
RI.....	34	40	26	25	21	7.2	8.3	5.3	4.9	4.0	14.7	13.0	3.6	3.1
CT.....	94	97	77	83	68	5.9	6.0	4.6	4.9	3.8	26.3	24.6	1.8	1.6
<b>Mid. Atl.: NY</b> .....	597	689	584	544	528	7.5	8.6	7.2	6.5	6.3	205.3	190.7	2.8	2.5
NJ.....	259	287	236	218	196	7.2	7.8	6.2	5.7	5.0	93.7	85.9	2.9	2.6
PA.....	425	651	498	442	386	7.8	11.8	9.1	8.0	6.8	175.8	164.5	4.0	3.7
<b>E. No. Cent.: OH</b> .....	426	622	480	455	426	8.4	12.2	9.4	8.9	8.1	122.4	118.0	3.0	2.8
IN.....	252	286	226	215	185	9.6	11.1	8.5	7.9	6.7	47.4	44.6	2.4	2.2
IL.....	458	640	512	519	461	8.3	11.4	8.1	8.0	8.1	144.6	143.9	3.2	3.2
MI.....	534	810	487	433	385	12.4	14.2	11.2	9.9	8.8	103.4	108.7	3.2	3.2
WI.....	167	254	175	171	169	7.2	10.4	7.3	7.2	7.0	64.8	69.0	3.5	3.1
<b>W. No. Cent.: MN</b> .....	125	178	141	133	118	5.9	8.2	6.3	6.0	5.3	45.6	44.6	2.6	2.5
IA.....	82	116	99	113	100	5.8	8.1	7.0	8.0	7.0	31.2	29.1	3.1	2.9
MO.....	167	239	171	159	154	7.2	9.9	7.2	6.4	6.1	48.4	51.4	2.5	2.6
ND.....	16	18	17	20	18	1.6	1.8	1.5	1.5	1.5	3.2	3.4	0.2	0.2
SD.....	16	18	15	16	15	1.6	1.8	1.5	1.5	1.5	3.2	3.2	1.5	1.5
NE.....	31	45	35	44	40	4.1	5.7	4.4	5.4	5.0	13.9	12.8	2.3	2.1
KS.....	53	72	63	62	67	4.5	6.1	5.2	5.0	5.4	22.4	24.5	2.5	2.6
<b>So. Atl.: DE</b> .....	22	24	19	17	14	7.7	8.1	6.2	5.3	4.3	4.5	5.7	1.6	2.0
MD.....	140	153	121	103	105	6.5	6.9	5.4	4.6	4.5	36.3	35.6	2.2	2.1
DC.....	24	38	29	27	25	7.3	11.7	9.0	8.4	7.7	8.2	8.5	2.1	2.1
VA.....	128	165	142	141	145	5.0	6.1	5.0	5.0	5.0	28.7	28.1	1.2	1.0
WV.....	74	139	115	100	89	9.4	18.0	15.0	13.0	11.8	25.8	23.6	4.7	4.3
NC.....	187	262	204	167	170	6.6	8.9	6.7	5.4	5.3	57.3	49.3	2.3	1.9
SC.....	96	148	105	107	100	6.9	10.0	7.1	6.8	6.2	34.1	27.8	2.8	2.3
GA.....	163	202	166	187	178	6.4	7.5	6.0	6.5	5.9	42.0	43.5	1.8	1.8
FL.....	251	421	325	319	320	5.9	8.6	6.3	6.0	5.7	56.6	59.0	1.4	1.4
<b>E. So. Cent.: KY</b> .....	133	198	180	161	156	8.0	11.7	9.3	9.5	9.9	36.2	37.2	3.2	3.2
TN.....	152	251	190	180	185	7.3	11.5	8.6	8.0	8.0	46.1	44.3	2.7	2.5
AL.....	147	241	200	160	185	8.9	13.7	11.1	8.9	8.8	42.5	42.7	3.3	3.2
MS.....	79	136	116	115	138	7.5	12.6	10.8	10.3	11.7	28.8	31.4	3.7	4.0
<b>W. So. Cent.: AR</b> .....	76	104	93	91	94	7.8	10.1	8.9	8.7	8.7	27.3	27.5	3.7	3.6
LA.....	121	225	195	229	261	6.7	11.8	10.0	11.5	13.1	66.0	81.1	4.3	5.4
OK.....	66	140	109	112	131	4.6	9.0	7.0	7.1	8.2	26.7	35.6	2.4	3.3
TX.....	352	609	469	594	726	5.2	8.0	5.9	7.0	8.9	94.2	163.7	1.5	2.6
<b>Mt.: MT</b> .....	23	35	30	31	33	6.1	8.8	7.4	7.7	8.1	10.2	10.1	4.0	4.0
ID.....	34	45	33	37	41	7.9	9.8	7.2	7.9	8.7	14.0	15.1	4.5	4.8
WY.....	9	22	16	18	22	4.0	8.4	6.3	7.1	9.0	4.6	7.6	2.4	3.9
CO.....	88	110	97	101	126	5.9	6.6	5.6	5.9	7.4	30.6	32.9	2.3	2.4
WV.....	42	62	47	57	62	7.5	10.1	7.5	8.8	8.2	13.0	16.5	2.9	3.5
NM.....	43	64	46	51	56	11.0	6.7	8.1	8.5	6.9	20.7	24.7	1.8	2.0
AZ.....	40	64	46	43	45	6.3	8.2	6.5	5.9	6.0	12.8	13.7	2.4	2.5
UT.....	40	40	39	41	32	6.2	9.8	7.8	8.0	6.0	11.5	12.0	2.8	2.8
NV.....	27	48	39	41	32	6.2	9.8	7.8	8.0	6.0	11.5	12.0	2.8	2.8
<b>Pac.: WA</b> .....	157	230	194	171	179	7.9	11.2	9.5	8.1	8.2	68.8	64.7	4.5	4.1
OR.....	108	145	125	117	114	8.3	10.8	9.4	8.8	8.5	43.5	42.1	4.6	4.3
CA.....	790	1,192	981	931	892	6.8	9.7	7.8	7.2	6.7	389.3	391.7	3.7	3.6
AK.....	19	24	25	24	28	9.7	10.3	10.0	9.7	10.8	14.3	16.7	7.1	8.0
HI.....	21	30	27	27	24	4.9	6.5	5.6	5.6	4.8	9.9	8.6	2.5	2.1

<sup>1</sup> Source: U.S. Bureau of Labor Statistics, *Geographic Profile of Employment and Unemployment*, annual, and unpublished data.

<sup>2</sup> Total unemployment as percent of civilian labor force. <sup>3</sup> 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. 639. U.S. EMPLOYMENT SERVICE JOB OPENINGS AND PLACEMENTS, AND INDEX OF HELP-WANTED ADVERTISING: 1970 TO 1986

[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	1979	1980	1981	1982	1983	1984	1985	1986
Job openings: <sup>1</sup> Received.....	6,130	7,889	8,477	8,122	7,548	6,150	6,494	<sup>2</sup> 5,144	7,529	6,950
Average per month.....	511	657	709	677	629	513	541	<sup>2</sup> 572	627	579
Nonagricultural placements <sup>1</sup> .....	4,604	4,374	6,349	5,610	3,509	2,804	3,012	<sup>2</sup> 2,297	3,270	(NA)
Index of help-wanted advertising in newspapers <sup>3</sup> (1967 = 100).....	93	80	158	129	119	86	96	131	139	139

NA Not available. <sup>1</sup> As reported by State employment agencies. <sup>2</sup> Data for nine months from October 1, 1983 through June 30, 1984. <sup>3</sup> Source: The Conference Board, New York, NY, *The Statistical Bulletin*. Further reproduction prohibited without permission. Index based on number of advertisements in classified sections of 51 newspapers, each in a major employment area.

Source: Except as noted, U.S. Employment and Training Administration, unpublished data.



# Nonagricultural Establishments

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**NO. 640. NONAGRICULTURAL ESTABLISHMENTS—EMPLOYEES, HOURS, AND EARNINGS, BY INDUSTRY:  
1960 TO 1986**

*[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 1986 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	NONAGRICULTURAL ESTABLISHMENTS										GROUPED INDUSTRIES	
	Total	Mining	Construction	Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Government	Goods-related <sup>1</sup>	Service-related and all other
<b>EMPLOYEES (1,000)</b>												
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	832	3,232	18,062	4,036	3,466	9,250	2,877	9,036	10,074	21,926	38,839
1970.....	70,880	823	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
1981.....	91,156	1,139	4,188	20,170	5,165	5,358	15,189	5,298	18,619	16,031	25,497	65,659
1982.....	89,586	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	5,288	15,613	5,468	19,694	15,870	23,334	66,866
1984.....	94,496	966	4,383	19,378	5,159	5,555	18,545	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.....	99,610	783	4,904	18,994	5,244	5,735	17,845	6,297	23,099	16,711	24,661	74,930
<b>PERCENT DISTRIBUTION</b>												
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	20.8	28.4	71.6
1981.....	100.0	1.3	4.6	22.1	5.7	5.9	16.7	5.8	20.4	17.4	28.0	72.0
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	4.9	19.1	5.3	5.8	17.9	6.3	23.2	16.8	24.8	75.2
<b>AVERAGE WEEKLY HOURS<sup>2</sup></b>												
1960.....	38.6	40.4	36.7	39.7	(NA)	40.5	38.0	37.2	(NA)	(NA)	(NA)	(NA)
1965.....	38.8	42.3	37.4	41.2	41.3	40.8	36.6	37.2	35.9	(NA)	(NA)	(NA)
1970.....	37.1	42.7	37.3	39.8	40.5	39.9	33.8	36.7	34.4	(NA)	(NA)	(NA)
1975.....	36.1	41.9	36.4	39.5	39.7	38.7	32.4	36.5	33.5	(NA)	(NA)	(NA)
1980.....	35.3	43.3	37.0	39.7	39.6	38.5	30.2	36.2	32.6	(NA)	(NA)	(NA)
1981.....	35.2	43.7	36.9	39.8	39.4	38.5	30.1	36.3	32.6	(NA)	(NA)	(NA)
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	(NA)	(NA)	(NA)
1984.....	35.2	43.3	37.8	40.7	39.4	38.5	29.8	36.5	32.6	(NA)	(NA)	(NA)
1985.....	34.9	43.4	37.7	40.5	39.5	38.4	29.4	36.4	32.5	(NA)	(NA)	(NA)
1986.....	34.8	42.2	37.4	40.7	39.2	38.4	29.2	36.4	32.5	(NA)	(NA)	(NA)
<b>AVERAGE HOURLY EARNINGS</b>												
1960.....	\$2.09	\$2.60	\$3.07	\$2.28	(NA)	\$2.24	\$1.52	\$2.02	(NA)	(NA)	(NA)	(NA)
1965.....	2.46	2.92	3.70	2.61	\$3.03	2.61	1.82	2.39	\$2.05	(NA)	(NA)	(NA)
1970.....	3.23	3.85	5.24	3.35	3.85	3.44	2.44	3.07	2.81	(NA)	(NA)	(NA)
1975.....	4.53	5.95	7.31	4.83	5.88	4.73	3.36	4.08	4.02	(NA)	(NA)	(NA)
1980.....	6.66	9.17	9.94	7.27	8.87	6.96	4.88	5.79	5.85	(NA)	(NA)	(NA)
1981.....	7.25	10.04	10.82	7.99	9.70	7.56	5.25	6.31	6.41	(NA)	(NA)	(NA)
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	(NA)	(NA)	(NA)
1984.....	8.32	11.63	12.13	9.19	11.12	8.89	5.85	7.63	7.59	(NA)	(NA)	(NA)
1985.....	8.57	11.98	12.32	9.54	11.40	9.16	5.94	7.94	7.90	(NA)	(NA)	(NA)
1986.....	8.76	12.44	12.47	9.73	11.70	9.35	6.03	8.35	8.16	(NA)	(NA)	(NA)
<b>AVERAGE WEEKLY EARNINGS<sup>2</sup></b>												
1960.....	\$81	\$105	\$113	\$90	(NA)	\$81	\$58	\$75	(NA)	(NA)	(NA)	(NA)
1965.....	95	124	139	108	\$125	105	67	89	\$74	(NA)	(NA)	(NA)
1970.....	120	164	195	133	156	137	82	113	97	(NA)	(NA)	(NA)
1975.....	164	249	266	191	233	193	109	148	135	(NA)	(NA)	(NA)
1980.....	235	397	368	289	351	266	147	210	191	(NA)	(NA)	(NA)
1981.....	255	439	399	318	382	291	158	229	209	(NA)	(NA)	(NA)
1982.....	267	460	427	330	402	310	164	245	226	(NA)	(NA)	(NA)
1983.....	281	279	443	354	421	329	171	264	239	(NA)	(NA)	(NA)
1984.....	293	504	459	374	438	342	174	279	247	(NA)	(NA)	(NA)
1985.....	299	520	464	386	450	352	175	289	257	(NA)	(NA)	(NA)
1986.....	305	525	466	396	459	359	176	304	265	(NA)	(NA)	(NA)

NA Not available. <sup>1</sup> Mining, construction, and manufacturing. <sup>2</sup> See headnote, table 646.

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

## NO. 641. EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS—STATES: 1975 TO 1986

(In thousands. For coverage, see headnote, table 640. 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	1984	1985	1986							
					Total <sup>1</sup>	Con-struction	Manu-facturing	Trans- portation and public utilities	Whole- sale and retail trade	Fin- ance, insurance, and real estate	Services	Government
<b>U.S.</b> .....	<b>76,945</b>	<b>90,406</b>	<b>94,496</b>	<b>97,519</b>	<b>99,610</b>	<b>4,904</b>	<b>18,994</b>	<b>5,244</b>	<b>23,580</b>	<b>6,297</b>	<b>23,099</b>	<b>16,711</b>
<b>N. Eng.</b> .....	<b>4,657</b>	<b>5,481</b>	<b>5,891</b>	<b>6,067</b>	<b>6,224</b>	<b>285</b>	<b>1,405</b>	<b>254</b>	<b>1,449</b>	<b>430</b>	<b>1,567</b>	<b>829</b>
ME.....	357	418	446	458	477	27	108	19	115	23	102	87
NH.....	293	386	442	466	489	35	114	17	121	28	108	62
VT.....	162	200	215	225	234	15	50	10	53	11	57	38
MA.....	2,273	2,652	2,852	2,926	2,981	121	619	125	703	203	820	388
RI.....	349	398	416	429	442	17	119	15	99	25	109	58
CT.....	1,223	1,427	1,521	1,562	1,602	71	396	69	358	139	371	196
<b>Mid. Atl.</b> .....	<b>13,966</b>	<b>15,021</b>	<b>15,566</b>	<b>15,895</b>	<b>16,187</b>	<b>664</b>	<b>2,992</b>	<b>872</b>	<b>3,603</b>	<b>1,241</b>	<b>4,175</b>	<b>2,598</b>
NY.....	6,830	7,207	7,572	7,751	7,906	309	1,251	402	1,876	755	2,126	1,382
NJ.....	2,700	3,060	3,329	3,414	3,487	154	693	230	833	209	831	536
PA.....	4,436	4,753	4,655	4,730	4,795	202	1,049	240	1,095	277	1,218	680
<b>E. No. Cent.</b> .....	<b>15,190</b>	<b>16,728</b>	<b>16,385</b>	<b>16,841</b>	<b>17,134</b>	<b>614</b>	<b>4,148</b>	<b>836</b>	<b>4,069</b>	<b>967</b>	<b>3,773</b>	<b>2,658</b>
OH.....	4,016	4,367	4,260	4,373	4,475	161	1,109	206	1,067	232	999	680
IN.....	1,942	2,130	2,122	2,169	2,228	96	603	113	526	111	428	343
IL.....	4,419	4,850	4,672	4,755	4,777	178	925	278	1,185	347	1,125	714
MI.....	3,137	3,443	3,391	3,562	3,639	115	998	148	814	171	787	597
WI.....	1,677	1,938	1,949	1,983	2,015	64	513	93	478	108	433	325
<b>W. No. Cent.</b> .....	<b>5,985</b>	<b>6,905</b>	<b>7,023</b>	<b>7,153</b>	<b>7,237</b>	<b>297</b>	<b>1,297</b>	<b>423</b>	<b>1,803</b>	<b>436</b>	<b>1,634</b>	<b>1,310</b>
MN.....	1,474	1,770	1,820	1,865	1,891	75	389	98	471	116	448	309
IA.....	999	1,110	1,075	1,074	1,077	36	201	52	277	63	239	208
MO.....	1,741	1,970	2,033	2,095	2,132	98	422	141	508	129	489	339
ND.....	204	245	253	252	249	11	15	16	67	12	59	64
SD.....	209	238	247	249	252	10	28	13	66	14	60	59
NE.....	558	628	635	651	654	25	86	43	169	47	147	136
KS.....	801	945	961	968	983	44	175	62	247	54	193	195
<b>So. Atl.</b> .....	<b>12,104</b>	<b>14,695</b>	<b>16,123</b>	<b>16,791</b>	<b>17,383</b>	<b>1,104</b>	<b>3,082</b>	<b>903</b>	<b>4,152</b>	<b>995</b>	<b>3,874</b>	<b>3,190</b>
DE.....	230	259	280	293	303	19	68	13	68	23	67	46
MD.....	1,479	1,712	1,814	1,888	1,951	139	210	91	497	117	504	392
DC <sup>2</sup> .....	577	616	614	631	641	14	16	24	63	36	221	267
VA.....	1,779	2,157	2,333	2,455	2,557	168	424	137	580	131	579	521
WV.....	575	648	597	597	597	23	87	37	137	24	121	129
NC.....	1,980	2,380	2,565	2,651	2,732	157	832	193	607	118	453	427
SC.....	983	1,169	1,293	1,296	1,338	88	364	56	292	61	223	253
GA.....	1,756	2,159	2,449	2,570	2,675	158	565	187	670	145	506	459
FL.....	2,746	3,576	4,209	4,410	4,590	340	517	245	1,239	340	1,203	697
<b>E. So. Cent.</b> .....	<b>4,411</b>	<b>5,143</b>	<b>5,234</b>	<b>5,384</b>	<b>5,516</b>	<b>258</b>	<b>1,325</b>	<b>275</b>	<b>1,256</b>	<b>260</b>	<b>1,036</b>	<b>1,038</b>
KY.....	1,058	1,210	1,214	1,250	1,277	57	253	67	303	60	259	237
TN.....	1,506	1,747	1,812	1,868	1,929	90	492	97	450	94	385	314
AL.....	1,155	1,356	1,388	1,427	1,461	75	358	72	320	69	258	297
MS.....	692	829	821	839	849	36	223	39	183	37	134	190
<b>W. So. Cent.</b> .....	<b>7,236</b>	<b>9,310</b>	<b>10,054</b>	<b>10,217</b>	<b>10,058</b>	<b>580</b>	<b>1,502</b>	<b>595</b>	<b>2,518</b>	<b>634</b>	<b>2,061</b>	<b>1,836</b>
AR.....	624	742	780	797	814	36	212	48	184	37	146	145
LA.....	1,250	1,579	1,602	1,591	1,524	91	167	108	370	86	318	321
OK.....	900	1,138	1,180	1,165	1,140	40	163	64	279	63	225	251
TX.....	4,463	5,851	6,492	6,663	6,584	414	960	375	1,685	448	1,372	1,119
<b>Mt.</b> .....	<b>3,423</b>	<b>4,502</b>	<b>4,930</b>	<b>5,111</b>	<b>5,184</b>	<b>327</b>	<b>803</b>	<b>301</b>	<b>1,250</b>	<b>314</b>	<b>1,277</b>	<b>1,016</b>
MT.....	236	280	281	279	276	10	21	20	73	13	62	70
ID.....	273	330	331	336	335	15	52	19	84	24	68	71
WY.....	146	210	207	207	199	17	8	14	46	8	33	53
CO.....	964	1,251	1,402	1,419	1,402	76	185	88	349	98	325	254
NM.....	370	465	503	521	528	35	38	29	127	27	118	138
AZ.....	729	1,014	1,182	1,279	1,341	114	184	66	325	89	328	226
UT.....	440	551	601	624	634	33	92	38	153	33	138	141
NV.....	263	400	426	446	469	27	22	27	95	23	207	62
<b>Pac.</b> .....	<b>10,415</b>	<b>13,076</b>	<b>13,879</b>	<b>14,376</b>	<b>14,758</b>	<b>673</b>	<b>2,599</b>	<b>781</b>	<b>3,576</b>	<b>986</b>	<b>3,542</b>	<b>2,543</b>
WA.....	1,226	1,608	1,660	1,710	1,770	85	304	96	435	105	393	349
OR.....	837	1,045	1,007	1,030	1,057	34	197	57	268	70	230	199
CA.....	7,847	9,849	10,574	10,979	11,272	522	2,064	576	2,713	766	2,756	1,833
AK.....	162	169	226	231	222	13	12	18	44	13	44	68
HI.....	343	405	418	426	437	19	22	22	34	117	33	119

<sup>1</sup> Includes mining, not shown separately.

<sup>2</sup> 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. 642. NONAGRICULTURAL INDUSTRIES—NUMBER OF EMPLOYEES, AND NUMBER AND EARNINGS OF PRODUCTION WORKERS: 1980 TO 1986**

[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 headline, table 640. See *Historical Statistics, Colonial Times to 1970*, series D 127-151, D 802-810, and D 877-892, for related data]

SIC <sup>1</sup> CODE	INDUSTRY	ALL EMPLOYEES, TOTAL (1,000)			PRODUCTION WORKERS					
					Total (1,000)			Average hourly earnings (dollars)		
		1980	1985	1986	1980	1985	1986	1980	1985	1986
(x)	<b>Total</b> .....	<b>90,406</b>	<b>97,519</b>	<b>99,610</b>	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
(x)	<b>Private sector</b> <sup>2</sup> .....	<b>74,166</b>	<b>81,125</b>	<b>82,900</b>	<b>60,331</b>	<b>65,586</b>	<b>67,081</b>	<b>6.68</b>	<b>6.57</b>	<b>6.76</b>
(b)	<b>Mining</b> .....	<b>1,027</b>	<b>927</b>	<b>783</b>	<b>782</b>	<b>658</b>	<b>550</b>	<b>9.17</b>	<b>11.98</b>	<b>12.44</b>
10	Metal mining.....	93	46	41	74	34	31	10.28	13.36	13.20
11, 12	Coal mining.....	248	187	176	201	183	144	10.68	15.24	15.39
13	Oil and gas extraction.....	560	593	457	389	387	293	8.59	11.06	11.59
14	Nonmetallic minerals, except fuels.....	123	110	109	96	84	83	7.52	10.12	10.99
(c)	<b>Construction</b> .....	<b>4,346</b>	<b>4,673</b>	<b>4,904</b>	<b>3,421</b>	<b>3,659</b>	<b>3,848</b>	<b>9.94</b>	<b>12.23</b>	<b>12.47</b>
15	General building contractors.....	1,173	1,253	1,293	900	935	958	9.22	11.23	11.42
16	Heavy construction contractors.....	927	793	778	746	652	647	9.20	12.08	11.99
17	Special trade contractors.....	2,246	2,628	2,832	1,776	2,072	2,243	10.65	12.90	13.07
(d)	<b>Manufacturing</b> .....	<b>20,285</b>	<b>19,280</b>	<b>18,994</b>	<b>14,214</b>	<b>13,092</b>	<b>12,895</b>	<b>7.27</b>	<b>9.54</b>	<b>9.73</b>
(x)	<b>Durable goods</b> .....	<b>12,187</b>	<b>11,490</b>	<b>11,244</b>	<b>8,442</b>	<b>7,644</b>	<b>7,432</b>	<b>7.75</b>	<b>10.10</b>	<b>10.29</b>
24	Lumber and wood products, except furniture <sup>3</sup> .....	691	697	711	578	584	597	6.55	8.22	8.33
241	Logging camps and logging contractors.....	88	84	83	71	67	70	6.64	10.92	10.84
242	Sawmills and planing mills.....	215	195	194	190	172	172	6.70	8.52	8.56
243	Millwork, plywood, and structural members.....	200	228	245	164	190	203	6.41	8.06	8.20
244	Wood containers.....	43	41	41	37	35	34	4.95	5.81	5.95
25	Furniture and fixtures <sup>4</sup> .....	466	494	497	376	394	397	5.49	7.17	7.46
251	Household furniture.....	301	295	294	253	247	247	5.12	6.56	6.86
252	Office furniture.....	50	66	66	40	50	51	5.91	8.06	8.39
254	Partitions and fixtures.....	63	69	72	47	51	52	6.88	8.69	8.93
32	Stone, clay, and glass products <sup>4</sup> .....	662	588	586	513	451	451	7.50	9.84	10.05
321	Flat glass.....	18	16	16	14	12	12	9.85	13.79	14.09
322	Glass and glassware, pressed <sup>5</sup> .....	124	91	89	105	77	78	7.97	10.78	11.01
324	Cement, hydraulic.....	46	38	23	22	18	18	10.55	13.27	13.86
325	Structural clay products.....	46	38	37	34	29	29	6.14	8.01	8.17
326	Pottery and related products.....	46	37	37	38	29	29	6.26	8.67	8.78
327	Concrete, gypsum, and plaster products.....	204	206	209	157	160	162	7.45	9.60	9.77
33	Primary metal industries <sup>4</sup> .....	1,142	808	753	878	612	568	9.77	11.67	11.86
331	Blast furnaces and basic steel products.....	512	303	275	396	232	210	11.39	13.33	13.73
332	Iron and steel foundries.....	209	141	131	167	112	103	8.20	10.51	10.57
333	Primary nonferrous metals.....	71	45	39	53	33	27	10.63	13.74	13.49
335	Nonferrous rolling and drawing.....	211	188	180	151	133	127	8.81	11.05	11.22
336	Nonferrous foundries.....	90	87	86	72	70	69	7.30	9.32	9.54
34	Fabricated metal products <sup>4</sup> .....	1,613	1,465	1,431	1,195	1,084	1,057	7.45	9.70	9.89
341	Metal cans and shipping containers.....	75	58	58	63	50	50	9.84	13.10	13.33
342	Cutlery, hand tools, and hardware.....	164	142	136	125	105	100	7.02	9.71	9.80
343	Plumbing and heating, exc. electric.....	70	63	61	50	45	44	6.62	8.67	8.99
344	Fabricated structural metal products.....	513	443	438	355	309	308	7.26	9.00	9.13
345	Screw machine products, bolts, etc.....	109	96	93	84	74	71	6.96	9.11	9.42
346	Metal forgings and stampings.....	264	249	244	207	200	195	8.56	11.62	11.82
35	Machinery, except electrical <sup>4</sup> .....	2,494	2,174	2,060	1,602	1,307	1,225	8.00	10.29	10.59
351	Engines and turbines.....	135	105	102	87	66	64	8.73	13.02	13.04
352	Farm and garden machinery.....	189	98	91	116	66	60	8.78	9.93	10.03
353	Construction and related machinery.....	389	253	227	255	156	138	6.60	10.97	11.08
354	Metalworking machinery.....	373	310	304	273	222	217	8.18	10.59	10.98
355	Special industry machinery.....	207	168	159	133	100	94	7.51	10.18	10.43
356	General industrial machinery.....	324	268	255	212	171	162	7.98	10.06	10.25
357	Office and computing machines.....	432	514	475	186	189	162	6.74	9.32	9.95
358	Refrigeration and service industry.....	174	172	171	120	120	120	7.23	10.09	10.29
36	Electric and electronic equipment <sup>4</sup> .....	2,091	2,197	2,123	1,328	1,300	1,229	6.94	9.46	9.65
361	Electric distributing equipment.....	123	119	107	86	81	78	6.96	8.83	8.98
362	Electrical industrial apparatus.....	240	196	187	169	138	130	7.12	9.52	9.89
363	Household appliances.....	163	136	135	129	106	106	6.95	9.23	9.58
364	Electric lighting and wiring equipment.....	209	198	186	158	144	141	6.42	8.67	8.84
365	Radio and TV receiving equipment.....	109	84	82	79	57	56	6.42	9.33	9.44
366	Communication equipment.....	541	653	632	267	291	264	7.93	11.25	11.30
367	Electronic components and access.....	554	663	630	334	375	348	8.05	8.30	8.64
37	Transportation equipment <sup>4</sup> .....	1,900	1,980	2,015	1,233	1,257	1,264	9.35	12.71	12.81
371	Motor vehicles and equipment.....	789	884	865	575	685	665	9.85	13.39	13.45
372	Aircraft and parts.....	652	636	675	355	304	331	9.28	12.82	12.87
373	Ship and boat building and repairs.....	221	187	185	176	140	140	8.22	10.51	10.51
374	Railroad equipment.....	71	33	28	53	23	19	9.93	12.53	12.48

See footnotes at end of table.

**NO. 642. NONAGRICULTURAL INDUSTRIES—NUMBER OF EMPLOYEES, AND NUMBER AND EARNINGS OF  
PRODUCTION WORKERS: 1980 TO 1986—Continued**

[See headnote, p. 387]

SIC <sup>1</sup> CODE	INDUSTRY	ALL EMPLOYEES, TOTAL (1,000)			PRODUCTION WORKERS					
					Total (1,000)			Average hourly earnings (dollars)		
		1980	1985	1986	1980	1985	1986	1980	1985	1986
38	Instruments and related products.....	711	720	707	426	391	383	6.80	9.17	9.47
381	Engineering and scientific instruments.....	77	84	84	37	37	37	7.12	9.82	10.22
382	Measuring and controlling devices.....	245	254	246	154	141	136	6.85	8.94	9.25
383	Optical instruments and lenses.....	33	34	33	18	17	16	7.32	10.17	10.44
384	Medical instruments and supplies.....	156	174	180	101	104	109	5.80	8.15	8.46
385	Ophthalmic goods.....	44	40	38	31	26	26	5.30	6.94	7.21
386	Photographic equipment and supplies.....	135	123	115	67	57	52	8.93	12.05	12.58
387	Watches, clocks, and watchcases.....	22	12	11	17	9	8	5.24	6.87	6.98
39	Misc. manufacturing industries <sup>4</sup> .....	418	367	362	313	264	263	5.46	7.30	7.54
391	Jewelry, silverware, plated ware.....	56	55	54	40	37	37	5.78	7.78	8.14
394	Toys and sporting goods.....	117	95	94	88	70	70	5.01	6.65	6.91
395	Pens, pencils, office and art supplies.....	37	33	33	27	22	22	5.58	7.70	7.72
396	Costume jewelry and notions.....	51	41	41	41	31	32	4.71	5.91	6.04
(X)	<b>Nondurable goods.....</b>	<b>8,098</b>	<b>7,770</b>	<b>7,750</b>	<b>5,772</b>	<b>5,449</b>	<b>5,463</b>	<b>6.55</b>	<b>8.71</b>	<b>8.94</b>
20	Food and kindred products <sup>4</sup> .....	1,708	1,603	1,617	1,175	1,118	1,136	6.85	8.57	8.74
201	Meat products.....	358	362	372	298	305	315	6.99	7.23	7.31
202	Dairy products.....	175	163	163	96	96	98	6.86	9.17	9.45
203	Preserved fruits and vegetables.....	256	236	238	210	194	196	5.94	7.81	8.03
204	Grain mill products.....	144	125	122	99	85	83	7.67	10.38	10.60
205	Bakery products.....	225	210	210	131	126	127	7.21	9.69	9.88
206	Sugar and confectionery products.....	106	96	97	79	75	76	6.57	8.63	8.84
207	Fats and oils.....	44	35	34	32	26	25	7.03	8.80	8.85
208	Beverages.....	234	214	212	105	92	90	8.12	11.38	11.71
21	Tobacco manufactures.....	69	64	59	54	48	45	7.74	11.96	12.85
211	Cigarettes.....	46	44	42	35	32	32	9.23	14.71	15.58
22	Textile mill products <sup>4</sup> .....	848	702	705	737	607	610	5.07	6.70	6.93
221	Weaving mills, cotton.....	150	106	102	135	95	92	5.25	7.01	7.26
222	Weaving mills, synthetic.....	116	90	84	104	80	75	5.30	7.15	7.41
223	Weaving and finishing mills, wool.....	19	17	18	16	15	15	5.21	7.07	7.38
224	Narrow fabric mills.....	23	22	22	20	19	19	4.63	6.39	6.55
225	Knitting mills.....	220	198	207	191	172	180	4.76	6.15	6.37
226	Textile finishing, except wool.....	74	59	60	62	49	50	5.39	7.12	7.26
227	Floor covering mills.....	64	54	56	44	44	46	5.20	6.92	7.24
228	Yarn and thread mills.....	125	101	104	113	90	93	4.76	6.28	6.50
23	Apparel and other textile products <sup>4</sup> .....	1,264	1,121	1,106	1,079	945	931	4.56	5.73	5.84
231	Men's and boys' suits and coats.....	77	63	60	67	55	51	5.34	6.65	6.82
232	Men's and boys' furnishings.....	362	312	308	310	270	267	4.23	5.27	5.38
233	Women's and misses outerwear.....	417	362	356	360	302	297	4.61	5.56	5.61
234	Undergarments <sup>4</sup> .....	90	77	77	76	65	64	4.15	5.29	5.37
236	Children's outerwear.....	64	61	61	55	51	51	4.20	5.07	5.17
238	Misc. apparel, accessories.....	56	44	42	48	36	35	4.48	5.50	5.58
26	Paper and allied products.....	693	678	674	523	512	511	7.84	10.83	11.18
261, 2, 6	Paper and pulp mills.....	203	197	195	152	149	149	9.15	13.14	13.62
263	Paperboard mills.....	65	55	53	51	42	41	9.28	13.60	13.98
264	Misc. converted paper products.....	220	229	230	163	168	169	6.89	9.33	9.62
265	Paperboard containers and boxes.....	205	197	196	157	152	152	6.94	9.24	9.56
27	Printing and publishing <sup>4</sup> .....	1,252	1,428	1,457	699	789	817	7.53	9.71	9.99
271	Newspapers.....	420	451	458	164	169	170	7.72	9.77	10.03
272	Periodicals.....	90	113	115	16	26	40	7.16	10.20	10.63
273	Books.....	101	107	109	52	54	59	6.78	8.70	9.02
275	Commercial printing.....	414	493	508	307	359	369	7.85	10.05	10.27
278	Blankbooks and bookbinding.....	62	70	73	51	57	59	5.78	7.63	7.87
28	Chemicals and allied products <sup>4</sup> .....	1,107	1,044	1,023	626	578	568	8.30	11.56	11.98
281	Industrial inorganic chemicals.....	161	142	136	87	72	70	9.07	12.80	13.12
282	Plastics materials and synthetics.....	205	172	167	137	114	113	8.21	11.71	12.12
283	Drugs.....	196	206	207	97	95	96	7.69	10.75	11.16
284	Soap, cleaners, and toilet goods.....	141	148	147	86	94	93	7.67	10.28	10.73
285	Paints and allied products.....	65	64	63	33	31	31	7.99	10.08	10.43
287	Agricultural chemicals.....	72	59	55	45	37	34	8.12	11.03	11.46
29	Petroleum and coal products <sup>4</sup> .....	198	179	169	125	109	106	10.10	14.06	14.18
291	Petroleum refining.....	155	141	131	93	82	79	10.94	15.25	15.33
295	Paving and roofing materials.....	31	26	27	24	20	20	7.69	10.56	10.93
30	Rubber and misc. plastics products.....	727	786	790	559	607	614	6.52	8.54	8.73
30194	Tires and inner tubes.....	115	94	88	81	65	64	9.74	13.21	13.69
31	Leather and leather products <sup>4</sup> .....	233	165	151	197	137	124	4.58	5.83	5.92
311	Leather tanning and finishing.....	19	15	14	16	12	12	6.10	7.82	7.67
314	Footwear except rubber.....	144	99	90	123	84	76	4.42	5.53	5.61
317	Handbags, personal leather goods.....	30	21	19	25	17	15	4.33	5.61	5.73

See footnotes at end of table.

No. 642. NONAGRICULTURAL INDUSTRIES—NUMBER OF EMPLOYEES, AND NUMBER AND EARNINGS OF PRODUCTION WORKERS, 1980 TO 1986—Continued

[See headnote, p. 387]

SIC CODE	INDUSTRY	ALL EMPLOYEES, TOTAL (1,000)			PRODUCTION WORKERS					
					Total (1,000)			Average hourly earnings (dollars)		
		1980	1985	1986	1980	1985	1986	1980	1985	1986
(E)	<b>Transp. and public utilities</b> <sup>4</sup> .....	5,146	5,238	5,244	4,293	4,339	4,335	8.87	11.40	11.70
40	Railroad transportation.....	532	359	331	(?)	(?)	(?)	(?)	(?)	(?)
4011	Class I railroads <sup>5</sup> .....	482	323	294	(?)	(?)	(?)	9.92	13.64	13.89
41	Local and interurban passenger transit.....	263	278	282	244	257	261	6.34	7.88	8.02
42	Trucking and warehousing.....	1,280	1,363	1,382	1,121	1,187	1,202	9.13	10.52	10.71
45	Air transportation.....	453	552	570	(?)	(?)	(?)	(?)	(?)	(?)
46	Pipelines, except natural gas.....	21	19	18	15	13	13	10.50	15.26	15.12
47	Transportation services.....	198	276	284	(?)	(?)	(?)	(?)	(?)	(?)
48	Communication <sup>4</sup> .....	1,357	1,320	1,279	1,014	1,006	975	8.50	11.75	12.14
481	Telephone communication.....	1,072	921	881	779	687	658	8.72	12.45	12.85
483	Radio and television broadcasting.....	200	238	238	160	194	195	7.44	10.26	10.76
49	Electric, gas, and sanitary services <sup>4</sup> .....	827	915	924	677	729	735	8.90	12.83	13.39
491	Electric services.....	391	448	452	316	349	349	9.12	12.94	13.46
492	Gas production and distribution.....	168	175	168	138	137	132	8.27	11.76	12.53
493	Combination utility services.....	197	203	206	162	166	171	9.64	14.93	15.63
495	Sanitary services.....	49	64	71	43	56	62	7.04	9.47	9.75
(F)	<b>Wholesale trade</b> .....	5,275	5,717	5,735	4,312	4,598	4,601	6.96	9.16	9.35
(G)	<b>Retail trade</b> <sup>4</sup> .....	15,035	17,356	17,845	13,500	15,457	15,891	4.88	5.94	6.30
53	General merchandise stores.....	2,245	2,324	2,363	2,090	2,174	2,223	4.77	5.92	6.30
54	Food stores.....	2,384	2,775	2,873	2,202	2,567	2,655	6.24	7.35	7.06
56	Apparel and accessory stores.....	957	1,041	1,070	820	875	905	4.30	5.25	5.37
57	Furniture and home furnishings stores.....	608	735	771	520	608	641	5.53	7.13	7.29
58	Eating and drinking places.....	4,626	5,709	5,879	4,258	5,194	5,345	3.69	4.33	4.35
(H)	<b>Finance, insurance, real estate</b> .....	5,160	5,955	6,297	3,907	4,415	4,655	5.79	7.94	8.35
60	Banking.....	1,571	1,706	1,736	1,210	1,251	1,283	4.94	6.84	7.18
61	Credit agencies other than banks.....	570	750	831	431	570	628	5.12	7.21	7.61
62	Security, commodities brokers, services.....	227	355	392	(?)	(?)	(?)	(?)	(?)	(?)
63	Insurance carriers.....	1,224	1,292	1,364	854	883	930	6.29	8.61	9.07
64	Insurance agents, brokers, services.....	452	542	581	(?)	(?)	(?)	(?)	(?)	(?)
65	Real estate.....	981	1,132	1,187	(?)	(?)	(?)	(?)	(?)	(?)
66, 67	Other finance, insurance, real estate.....	135	180	205	(?)	(?)	(?)	(?)	(?)	(?)
(I)	<b>Services</b> <sup>4</sup> .....	17,890	22,000	23,099	15,921	19,388	20,288	5.85	7.90	8.18
70	Hotels and other lodging places.....	1,076	1,336	1,401	(?)	(?)	(?)	(?)	(?)	(?)
701	Hotels, motels, and tourist courts.....	1,038	1,290	1,356	954	1,158	1,215	4.45	5.83	5.96
72	Personal services <sup>4</sup> .....	901	1,056	1,104	(?)	(?)	(?)	(?)	(?)	(?)
721	Laundry, cleaning, garment services.....	356	379	386	318	338	344	4.47	5.79	5.99
723	Beauty shops.....	284	334	347	264	302	314	4.26	6.09	6.17
73	Business services <sup>4</sup> .....	3,092	4,457	4,781	2,699	3,663	4,113	8.02	8.19	8.43
731	Advertising.....	153	196	202	116	145	149	8.07	10.74	11.40
736	Personnel supply services <sup>4</sup> .....	583	916	1,017	(?)	(?)	(?)	(?)	(?)	(?)
7361	Employment agencies.....	(?)	160	156	(?)	(?)	(?)	(?)	(?)	(?)
7362	Temporary help supply services.....	(?)	708	807	(?)	(?)	(?)	(?)	(?)	(?)
737	Computer, data processing, services <sup>4</sup> .....	304	542	591	254	447	475	7.16	10.98	11.58
7372	Computer programming and software.....	(?)	195	216	(?)	(?)	(?)	(?)	(?)	(?)
7374	Data processing services.....	(?)	258	278	(?)	(?)	(?)	(?)	(?)	(?)
75	Auto repair, services, garages.....	571	731	762	498	614	639	6.10	7.40	7.56
753	Automobile repair shops.....	350	446	457	297	372	380	6.52	7.99	8.17
78	Motion pictures.....	217	225	227	191	190	191	7.88	12.12	12.09
783	Motion picture theaters.....	124	108	106	(?)	(?)	(?)	(?)	(?)	(?)
79	Amusement, recreation services.....	764	840	915	692	740	812	5.52	6.94	6.88
80	Health services <sup>4</sup> .....	5,278	6,299	6,551	4,712	5,607	5,823	5.68	8.06	8.34
805	Nursing, personal care facilities.....	997	1,199	1,250	898	1,085	1,129	4.17	5.61	5.80
806	Hospitals.....	2,750	2,997	3,038	2,522	2,732	2,789	6.06	9.00	9.36
808	Outpatient care facilities.....	133	216	247	(?)	(?)	(?)	(?)	(?)	(?)
81	Legal services.....	498	694	748	427	589	632	7.35	10.52	11.24
82	Educational services.....	1,138	1,362	1,428	(?)	(?)	(?)	(?)	(?)	(?)
83	Social services.....	1,134	1,354	1,457	(?)	(?)	(?)	(?)	(?)	(?)
86	Membership organizations.....	1,539	1,520	1,530	(?)	(?)	(?)	(?)	(?)	(?)
(J)	<b>Government</b> .....	16,241	16,394	16,711	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
(X)	Federal government.....	2,866	2,875	2,899	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
(X)	State government.....	3,610	3,832	3,888	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
(X)	Local government.....	9,765	9,687	9,923	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

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

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

**No. 643. INDEXES OF OUTPUT PER HOUR FOR ALL EMPLOYEES—SELECTED INDUSTRIES:  
1970 TO 1985**

[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 <sup>1</sup> CODE	INDUSTRY	INDEXES (1977=100)							AVERAGE ANNUAL PERCENT CHANGE <sup>2</sup>		
		1970	1975	1980	1981	1982	1983	1984	1985, prel.	1970-1985	1980-1985
(b)	<b>Mining:</b>										
1011	Iron (usable ore).....	111.1	117.8	123.2	130.6	98.2	138.6	170.4	183.7	2.2	9.4
1021	Copper (recoverable metal).....	85.5	77.2	91.6	97.7	116.2	130.9	153.9	187.6	4.5	15.6
111, 121	Coal.....	141.1	105.3	112.5	122.2	119.2	136.1	151.3	154.4	.8	7.8
14	Nonmetallic minerals <sup>3</sup> .....	89.7	90.6	96.5	94.7	89.3	98.2	105.3	107.7	.6	2.8
(d)	<b>Manufacturing:</b>										
2011, 2013	Red meat products.....	77.3	84.4	107.0	107.9	112.3	115.9	117.0	(NA)	4.3	2.5
2026	Fluid milk.....	73.7	95.5	126.5	131.6	140.0	145.5	152.6	(NA)	5.2	4.9
203	Preserved fruits, vegetables.....	79.7	93.7	100.8	99.2	107.9	110.9	112.4	(NA)	4.2	3.3
204	Grain mill products.....	79.7	87.1	105.3	110.9	121.0	125.5	132.7	(NA)	3.6	6.0
205	Bakery products.....	87.5	93.4	93.7	96.2	103.3	106.9	106.8	(NA)	1.6	3.7
2061, 2, 3	Sugar.....	85.9	94.0	100.1	98.8	90.4	98.6	99.7	103.1	.9	.8
2086	Bottled, canned soft drinks.....	70.0	87.2	109.8	114.3	118.3	127.0	138.3	144.9	4.9	6.0
2111, 21, 31	Tobacco products.....	86.8	93.9	102.1	100.5	100.7	105.1	110.3	114.9	1.5	2.6
2251, 52	Hosiery.....	65.5	94.3	107.4	122.0	114.2	118.0	119.7	115.5	4.5	1.0
2281	Nonwool yarn mills.....	84.3	101.2	99.7	103.1	118.2	126.0	129.7	129.1	1.5	2.6
2421	Sawmills, planing mills.....	90.0	98.6	104.2	107.9	115.1	125.0	131.9	135.6	2.8	6.0
2431	Millwork.....	95.9	100.2	93.6	96.4	86.1	85.3	86.7	(NA)	—1.0	—2.2
2434	Wood kitchen cabinets.....	(NA)	97.8	98.2	94.8	96.1	93.5	93.8	(NA)	5.9	—1.0
2435, 35	Veneer and plywood.....	83.2	97.8	102.5	106.9	114.4	120.6	120.3	(NA)	4.5	4.4
251	Household furniture.....	82.2	97.5	99.9	103.0	104.7	108.6	111.3	110.4	1.6	2.2
252	Office furniture.....	78.2	85.5	112.1	108.8	107.4	110.7	116.7	(NA)	4.7	1.0
2611, 21, 31, 61	Paper, paperboard, pulp mills.....	77.5	86.7	105.2	104.4	111.3	119.6	121.9	122.2	2.9	3.7
2653	Corrugated, solid fiber boxes.....	73.1	86.2	111.0	109.8	111.9	114.0	118.9	118.9	3.2	1.7
2823, 24	Synthetic fibers.....	53.8	84.5	115.7	120.9	103.6	126.2	125.3	134.8	5.5	3.1
2834	Pharmaceuticals.....	74.8	92.5	106.0	104.2	107.0	114.4	112.6	115.6	2.7	2.1
2841	Soaps, detergents.....	83.9	97.3	109.6	107.3	100.9	98.2	101.0	(NA)	4.1	—2.5
2844	Cosmetics.....	65.9	94.0	83.6	76.1	84.0	86.0	84.6	(NA)	4.7	1.5
2851	Paints, allied products.....	74.9	94.2	100.8	99.8	106.5	111.5	114.8	120.6	2.6	4.0
2911	Petroleum refining.....	73.8	88.7	94.2	83.7	79.4	81.8	92.5	100.3	.8	1.9
3011	Tires, inner tubes.....	87.6	91.8	102.4	118.1	128.2	136.1	146.8	145.7	3.3	7.3
3079	Miscellaneous plastics.....	(NA)	86.2	95.7	98.5	110.1	107.1	109.9	(NA)	5.4	5.7
314	Footwear.....	100.3	101.3	99.1	95.6	106.4	103.9	105.7	104.8	.3	1.6
321	Glass containers.....	87.2	98.5	105.2	110.1	105.8	108.5	128.0	132.1	2.3	4.7
325	Structural clay products.....	78.2	91.0	97.6	100.7	102.6	104.0	109.9	107.8	1.8	2.2
3271, 72	Concrete products.....	82.3	91.9	90.4	88.5	91.0	96.4	98.3	(NA)	1.6	2.6
331	Steel.....	87.6	93.3	102.9	112.0	90.9	116.8	131.3	138.5	2.0	6.5
3321	Gray iron foundries.....	79.8	97.0	90.8	92.7	93.7	98.7	106.8	109.2	1.2	4.1
3353, 54, 55	Aluminum rolling, drawing.....	66.0	87.5	100.0	96.8	99.2	110.4	116.2	117.1	2.8	4.2
3411	Metal cans.....	78.8	87.0	102.6	108.1	118.5	120.5	122.6	125.8	3.5	4.1
3441	Fabricated structural metal.....	102.2	97.4	102.1	98.5	98.4	103.3	106.8	(NA)	—4.4	1.4
3465, 6, 9	Metal stampings.....	86.4	93.2	99.9	101.1	98.1	104.1	109.3	(NA)	4.0	2.1
3519	Internal combustion engines.....	76.4	86.7	94.3	93.2	82.0	88.3	98.7	(NA)	4.9	4.4
352	Farm, garden machinery.....	75.7	97.7	93.3	95.1	94.9	95.1	104.9	98.3	1.1	1.6
3531	Construction machinery, equipment.....	83.4	93.9	97.4	96.1	88.9	95.3	103.4	114.2	1.1	3.1
3541, 42	Machine tools.....	91.7	103.0	98.8	96.5	88.1	86.8	93.0	101.8	—3.3	.1
3545	Machine tool accessories.....	82.0	100.9	99.2	102.0	89.1	85.4	95.2	(NA)	—4.1	—2.6
3561, 63	Pumps and compressors.....	85.8	91.4	100.2	102.4	95.5	101.8	106.0	(NA)	4.2	1.1
3585	Refrigeration, heating equipment.....	86.4	89.9	93.8	95.4	100.1	101.2	104.1	(NA)	4.4	2.3
3592	Motors, generators.....	97.8	93.0	96.7	100.6	102.4	104.2	106.4	108.2	.9	2.2
3631, 2, 3, 9	Major household appliances.....	70.2	83.6	105.8	107.6	106.6	116.5	121.7	128.6	3.2	4.1
3651	Major household appliances.....	70.6	90.1	116.9	133.6	163.9	196.7	228.9	(NA)	7.6	18.9
371	Motor vehicles, equipment.....	70.5	87.7	90.8	93.1	95.9	109.6	115.9	122.5	2.7	6.7
3825	Instruments to measure electricity.....	(NA)	95.9	108.4	111.9	119.2	120.7	131.2	(NA)	5.3	4.7
(E, G, H, I)	<b>Transportation, utilities, trade:</b>										
401	RR transport (revenue traffic) <sup>4</sup> .....	77.7	89.5	107.3	111.5	115.8	141.9	152.6	162.1	4.3	9.6
Pts of 4111, 31, 41	Bus carriers <sup>5</sup> .....	107.3	97.0	100.9	90.7	98.8	95.4	90.9	(NA)	—1.0	—1.6
4213, pt 4511	Intercity trucking <sup>6</sup> .....	83.5	89.2	94.3	98.7	93.3	101.0	102.5	97.2	.8	1.0
4612, 13	Air transportation <sup>7</sup> .....	71.4	87.6	106.2	104.9	114.9	126.8	131.7	136.1	4.0	5.9
4811	Petroleum pipelines.....	79.5	95.7	93.0	86.0	82.2	94.3	104.5	104.3	.9	3.5
4811	Telephone communications <sup>8</sup> .....	62.1	85.9	118.1	124.4	129.1	145.7	144.0	150.9	6.3	5.2
491, 92, 93	Gas and electric utilities.....	84.8	95.7	96.2	94.4	89.3	88.1	91.4	90.4	—1.1	—1.2
54	Retail food stores <sup>9</sup> .....	108.8	100.7	98.9	95.2	93.5	93.9	93.6	92.7	—1.2	—1.1
5511	Franchised new car dealers.....	86.1	95.0	99.6	98.1	100.4	109.4	110.4	109.8	1.3	2.7
5541	Gasoline service stations <sup>9</sup> .....	75.3	85.6	104.3	105.8	110.7	118.1	121.0	124.1	3.3	3.9
56	Apparel, accessory stores <sup>9</sup> .....	82.2	105.3	120.1	127.1	130.9	137.8	146.8	155.2	4.0	5.2
57	Furniture, furnishings, equip. stores <sup>9</sup> .....	80.1	91.9	107.4	112.6	109.2	118.4	122.4	125.9	2.9	3.3
58	Eating, drinking places <sup>9</sup> .....	101.0	101.0	99.5	97.0	96.6	97.1	94.9	92.8	—5.1	—1.2
5912	Drug, proprietary stores <sup>9</sup> .....	83.4	94.2	107.0	107.6	107.9	110.1	105.0	100.6	1.5	—1.0
592	Liquor stores <sup>9</sup> .....	(NA)	96.5	101.6	103.2	107.8	110.2	101.6	101.0	1.6	—4.4
602	Commercial banking.....	85.5	90.0	92.7	90.5	93.2	101.7	104.7	(NA)	4.9	4.7
7011	Hotels, motels, tourist courts <sup>9</sup> .....	85.1	89.7	85.0	91.6	88.8	85.4	102.1	97.0	1.0	1.4
721	Laundry, cleaning services <sup>9</sup> .....	95.5	96.9	90.6	88.1	90.2	90.1	92.1	87.5	—7.7	—1.1
723, 724	Beauty and barber shops.....	(NA)	98.7	102.9	109.2	108.3	114.1	103.9	99.6	1.8	—7.7

NA Not available. <sup>1</sup> Standard Industrial Classification; see text, section 13. <sup>2</sup> For explanation of average annual percent change, see source. <sup>3</sup> Excludes fuels. <sup>4</sup> Change from 1970 to 1984 and 1980 to 1984. <sup>5</sup> Change from 1975 to 1984 and 1980 to 1984. <sup>6</sup> Class 1 line-haul railroads and switching and terminal companies. <sup>7</sup> Class 1 interstate carriers regulated by the ICC. <sup>8</sup> Refers to output per employee. <sup>9</sup> Data relate to all persons (paid employees, unpaid family workers, and the self-employed). <sup>10</sup> Change from 1975 to 1985.

Source: U.S. Bureau of Labor Statistics, Bulletin 2277, *Productivity Measures for Selected Industries, 1958-85*; and unpublished data.

**No. 644. INDEXES OF PRODUCTIVITY AND RELATED MEASURES: 1960 TO 1986**

[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	1982	1983	1984	1985	1986
<b>INDEXES (1977 = 100)</b>										
Output, per hour, business sector .....	67.6	81.0	88.4	95.7	99.3	100.3	103.0	105.3	106.4	107.1
Nonfarm business .....	71.0	83.4	89.3	96.0	98.8	99.2	102.4	104.3	104.8	105.5
Manufacturing .....	62.2	78.6	80.8	92.9	101.4	105.9	112.0	116.6	121.7	126.0
Output, <sup>1</sup> business sector .....	55.4	70.0	80.3	89.4	106.7	105.5	109.9	118.8	122.7	125.9
Nonfarm business .....	54.6	69.5	80.0	89.1	106.7	104.9	110.1	118.8	122.5	125.9
Manufacturing .....	52.5	71.7	78.6	84.9	103.2	98.4	104.7	116.0	120.4	124.4
Hours, <sup>2</sup> business sector .....	81.9	86.4	90.8	93.4	107.5	105.2	106.7	112.8	115.3	117.5
Nonfarm business .....	76.9	83.3	89.7	92.8	106.0	105.7	107.6	114.0	116.9	119.3
Manufacturing .....	84.4	93.6	97.3	91.4	101.7	92.9	93.6	95.5	98.9	98.7
Compensation per hour, <sup>3</sup> business sector .....	33.6	41.5	57.8	85.2	131.5	154.9	161.5	168.1	175.3	180.9
Nonfarm business .....	35.3	42.5	58.2	85.6	131.3	154.8	161.5	167.9	174.6	179.8
Manufacturing .....	36.5	42.7	57.4	85.1	132.4	157.5	162.4	168.2	176.7	181.9
Real hourly compensation, <sup>3</sup> business sector .....	68.9	79.6	90.2	95.9	96.7	97.3	98.2	98.1	98.8	100.0
Nonfarm business .....	72.3	81.6	90.8	96.4	96.6	97.2	98.2	98.0	98.4	99.4
Manufacturing .....	74.8	82.0	89.5	95.9	97.4	98.9	98.8	98.1	99.5	100.5
Unit labor costs, <sup>4</sup> business sector .....	49.7	51.2	65.4	89.0	132.5	154.5	156.8	159.7	164.8	168.8
Nonfarm business .....	49.7	50.9	65.2	89.2	132.9	156.0	157.7	161.0	168.7	170.4
Manufacturing .....	58.7	55.8	71.0	91.7	130.6	148.7	145.0	144.2	145.1	144.3
<b>ANNUAL PERCENT CHANGE<sup>5</sup></b>										
Output per hour, business sector .....	1.7	3.0	.7	2.0	–3	–4	2.7	2.3	1.0	.7
Nonfarm business .....	1.1	2.5	–3	1.8	–4	–6	3.3	1.8	.5	–7
Output, <sup>1</sup> business sector .....	1.8	6.3	–9	–2.1	–1.1	–3.1	4.2	8.1	3.3	2.6
Nonfarm business .....	1.7	6.4	–1.1	–2.3	–1.2	–3.3	4.9	6.0	3.0	2.8
Hours, <sup>2</sup> business sector .....	.1	3.2	–1.6	–4.0	–8	–2.8	1.5	5.7	2.2	1.9
Nonfarm business .....	.6	3.8	–1.3	–4.0	–7	–2.7	1.6	6.0	2.6	2.0
Compensation per hour, <sup>3</sup> business sector .....	4.3	3.8	7.3	9.7	10.5	7.8	4.2	4.1	4.3	3.2
Nonfarm business .....	4.4	3.4	7.0	8.7	10.5	7.8	4.3	4.0	4.0	3.0
Real hourly compensation, <sup>3</sup> business sector .....	2.7	2.1	1.2	.5	–2.7	1.6	1.0	–1	–7	1.2
Nonfarm business .....	2.8	1.7	.9	.5	–2.7	1.5	1.1	–3	–4	1.1
Unit labor costs, <sup>4</sup> business sector .....	2.6	.9	6.5	7.6	10.9	8.3	1.5	1.8	3.2	2.5
Nonfarm business .....	3.3	.8	6.7	7.8	11.0	8.4	1.1	2.1	3.5	2.3

<sup>1</sup> Refers to gross domestic product originating in the sector, in 1982 prices. <sup>2</sup> Hours of all persons engaged in the business and nonfarm business sectors (employees, proprietors, and unpaid family workers); employees' and proprietors' hours in manufacturing. <sup>3</sup> Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Also includes an estimate of same for self-employed. Real compensation deflated by the consumer price index for all urban consumers, see text, section 15. <sup>4</sup> Hourly compensation divided by output per paid hour. <sup>5</sup> All changes are from the immediately prior year.

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

**No. 645. AVERAGE ANNUAL TOTAL COMPENSATION AND WAGES AND SALARIES PER FULL-TIME EQUIVALENT EMPLOYEE, BY INDUSTRY: 1980 TO 1986**

[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	1983	1984	1985	1986	1980	1983	1984	1985	1986
<b>All domestic industries .....</b>	<b>18,815</b>	<b>23,297</b>	<b>24,277</b>	<b>25,321</b>	<b>26,295</b>	<b>15,757</b>	<b>19,330</b>	<b>20,168</b>	<b>21,096</b>	<b>21,935</b>
Average annual percent change <sup>1</sup> .....	8.4	7.4	4.2	4.3	3.8	7.8	7.1	4.3	4.6	4.0
Agriculture, forestry, fisheries .....	9,836	11,634	12,169	12,912	13,341	8,596	10,125	10,536	11,195	11,623
Mining .....	28,181	35,581	37,106	38,598	40,432	23,405	29,606	30,777	32,053	33,418
Construction .....	22,033	26,548	26,791	27,639	28,499	18,571	21,969	22,061	22,766	23,567
Manufacturing .....	22,023	27,346	28,620	30,077	31,219	17,954	22,150	23,244	24,547	25,462
Transportation .....	25,029	29,834	30,306	30,864	31,498	20,850	24,379	24,811	25,224	25,628
Communication .....	28,341	37,160	37,961	40,185	41,974	22,079	28,646	29,376	31,373	32,806
Electric, gas, sanitary services .....	27,358	35,569	37,544	39,588	41,613	21,701	28,038	29,832	31,668	33,300
Wholesale trade .....	21,588	26,148	27,632	28,883	30,129	18,822	22,584	23,884	24,998	26,074
Retail trade .....	12,490	14,866	15,310	15,874	16,183	10,953	12,913	13,284	13,610	14,042
Finance, insurance, real estate .....	18,968	24,780	26,166	28,061	30,338	15,871	20,756	21,980	23,715	25,746
Services .....	15,236	19,569	20,481	21,386	22,307	13,480	17,095	17,895	18,709	19,525
Government and government enterprises .....	19,681	25,130	26,449	27,941	29,193	15,911	19,901	20,980	22,183	23,234

<sup>1</sup> 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 1987.

**No. 646. AVERAGE HOURLY AND WEEKLY EARNINGS IN CURRENT AND CONSTANT (1977) DOLLARS, BY PRIVATE INDUSTRY GROUP: 1970 TO 1986**

[Gross weekly earnings includes overtime. Data are for production and related workers in mining, manufacturing, and construction, and non-supervisory employees in other industries. Excludes agriculture. See headnote, table 640. See also *Historical Statistics, Colonial Times to 1970*, series D 877-892]

PRIVATE INDUSTRY GROUP	CURRENT DOLLARS						CONSTANT (1977) DOLLARS					
	1970	1975	1980	1984	1985	1986	1970	1975	1980	1984	1985	1986
<b>Average hourly earnings</b> .....	<b>3.23</b>	<b>4.53</b>	<b>6.66</b>	<b>8.32</b>	<b>8.57</b>	<b>8.76</b>	<b>5.04</b>	<b>5.10</b>	<b>4.89</b>	<b>4.91</b>	<b>4.88</b>	<b>4.92</b>
Manufacturing.....	3.35	4.83	7.27	9.19	9.54	9.73	5.23	5.44	5.34	5.42	5.44	5.46
Mining.....	3.85	5.95	9.17	11.63	11.98	12.44	6.01	6.70	6.74	6.86	6.83	6.98
Construction.....	5.24	7.31	9.94	12.13	12.32	12.47	6.17	8.23	7.30	7.16	7.02	7.00
Transportation, public utilities.....	3.85	5.88	8.87	11.12	11.40	11.70	8.01	6.62	6.52	6.56	6.50	6.57
Wholesale trade.....	3.44	4.73	6.86	8.89	9.16	9.35	5.37	5.33	5.11	5.24	5.22	5.25
Retail trade.....	2.44	3.36	4.88	5.85	5.94	6.03	3.81	3.78	3.59	3.45	3.38	3.38
Finance, insurance, real estate.....	3.07	4.06	5.79	7.63	7.94	8.35	4.79	4.57	4.25	4.50	4.52	4.69
Services.....	2.81	4.02	5.85	7.59	7.90	8.16	4.38	4.53	4.30	4.48	4.50	4.58
<b>Average weekly earnings</b> .....	<b>120</b>	<b>164</b>	<b>235</b>	<b>293</b>	<b>298</b>	<b>305</b>	<b>187</b>	<b>184</b>	<b>173</b>	<b>173</b>	<b>170</b>	<b>171</b>
Manufacturing.....	134	191	289	374	386	396	209	215	212	221	220	222
Mining.....	164	249	397	504	520	525	256	280	292	297	296	295
Construction.....	195	266	368	459	464	466	304	300	270	271	265	262
Transportation, public utilities.....	156	233	351	438	450	459	243	262	258	258	257	257
Wholesale trade.....	137	183	267	342	352	359	214	206	197	202	200	201
Retail trade.....	82	108	147	174	175	178	123	117	108	103	100	99
Finance, insurance, real estate.....	113	148	210	279	289	304	176	167	154	164	165	171
Services.....	97	135	191	247	257	265	151	152	140	146	146	149

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

**No. 647. ANNUAL PERCENT CHANGES IN EARNINGS AND COMPENSATION: 1976 TO 1986**

ITEM	1976-1977	1977-1978	1978-1979	1979-1980	1980-1981	1981-1982	1982-1983	1983-1984	1984-1985	1985-1986
<b>Current dollars:</b>										
Hourly earnings, total <sup>1</sup> .....	8.0	8.4	8.3	8.1	8.9	5.9	4.4	3.7	3.0	2.2
Hourly earnings, manufacturing.....	8.8	8.6	8.6	8.5	9.9	6.3	4.0	4.1	3.8	2.0
Compensation per employee-hour <sup>1</sup> .....	7.8	8.5	9.4	10.4	9.4	7.8	4.3	3.8	4.4	3.8
<b>Constant (1977) dollars:</b>										
Hourly earnings, total <sup>1</sup> .....	1.4	.8	-2.8	-4.9	-1.2	-	1.2	.4	-6	.8
Hourly earnings, manufacturing.....	2.2	.9	-2.4	-4.5	-2	.2	.9	.6	.4	.4
Compensation per employee-hour <sup>1</sup> .....	1.2	.8	-1.7	-2.8	-9	1.5	1.5	-4	.8	1.8
Consumer Price Index <sup>2</sup> .....	6.5	7.7	11.3	13.5	10.4	6.1	3.2	4.3	3.6	1.9

- Represents zero. <sup>1</sup> Nonfarm business sector. <sup>2</sup> See text, section 15.

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

**No. 648. AVERAGE WEEKLY EARNINGS IN CURRENT AND CONSTANT (1977) DOLLARS, PRIVATE NONAGRICULTURAL AND MANUFACTURING INDUSTRIES: 1960 TO 1986**

[In dollars. Gross 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 646. 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 <sup>1</sup>	Current dollars	Constant (1977) dollars <sup>1</sup>		Current dollars	Constant (1977) dollars <sup>1</sup>	Current dollars	Constant (1977) dollars <sup>1</sup>
1960.....	80.7	185.0	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	139.3	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

<sup>1</sup> 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. 649. PRODUCTION WORKERS, MANUFACTURING INDUSTRIES—AVERAGE HOURLY EARNINGS, BY STATE: 1980 TO 1986**

(In dollars)

DIVISION AND STATE	1980	1981	1982	1983	1984	1985	1986	DIVISION AND STATE	1980	1981	1982	1983	1984	1985	1986
	<b>U.S.</b>	<b>7.27</b>	<b>7.99</b>	<b>8.49</b>	<b>8.83</b>	<b>9.19</b>	<b>9.53</b>		<b>9.73</b>	<b>S.A.—Con.</b>	<b>6.22</b>	<b>6.84</b>	<b>7.37</b>	<b>7.79</b>	<b>8.10</b>
<b>N.E.:</b>								VA.....	6.08	6.80	7.40	7.74	8.03	8.31	8.58
ME.....	6.00	6.66	7.22	7.61	8.05	8.40	8.65	WV.....	5.37	5.94	6.35	6.68	7.01	7.29	7.54
NH.....	5.87	6.41	6.94	7.42	7.86	8.39	8.80	NC.....	5.59	6.18	6.68	7.03	7.28	7.61	7.92
VT.....	6.14	6.79	7.35	7.66	8.03	8.41	8.83	GA.....	5.77	6.37	6.75	7.13	7.58	8.10	8.34
MA.....	6.51	7.01	7.58	8.01	8.50	9.00	9.24	FL.....	5.98	6.53	7.02	7.33	7.62	7.88	8.02
RI.....	5.59	6.10	6.61	6.92	7.33	7.59	7.90	<b>E.S.C.:</b>							
CT.....	7.08	7.67	8.23	8.76	9.22	9.57	10.07	KY.....	7.34	7.86	8.38	8.79	9.28	9.53	9.86
<b>M.A.:</b>								TN.....	6.08	6.72	7.16	7.49	7.93	8.29	8.58
NY.....	7.18	7.84	8.35	8.84	9.22	9.67	9.92	AL.....	6.49	7.01	7.33	7.58	7.87	8.48	8.84
NJ.....	7.31	8.05	8.66	9.11	9.50	9.86	10.13	MS.....	5.44	6.01	6.41	6.70	6.95	7.22	7.46
PA.....	7.59	8.30	8.83	8.95	9.28	9.57	9.74	<b>W.S.C.:</b>							
<b>E.N.C.:</b>								AR.....	5.71	6.26	6.69	7.05	7.31	7.57	7.76
OH.....	8.57	9.53	10.07	10.56	10.96	11.38	11.56	LA.....	7.74	8.58	9.38	9.79	10.06	10.43	10.60
IN.....	8.49	9.37	9.79	10.10	10.45	10.71	10.81	OK.....	7.36	8.20	8.69	9.21	9.64	9.86	9.80
IL.....	8.02	8.91	9.31	9.70	10.08	10.37	10.67	TX.....	7.15	7.95	8.60	8.88	9.04	9.41	9.65
MI.....	9.52	10.53	11.18	11.82	12.18	12.64	12.80	<b>Mt.:</b>							
WI.....	8.03	8.80	9.37	9.76	10.03	10.26	10.35	MT.....	8.79	9.09	9.86	10.44	10.76	10.95	10.95
<b>W.M.C.:</b>								ID.....	7.55	8.23	8.62	8.98	9.34	9.41	9.66
MN.....	7.61	8.40	9.11	9.56	9.75	10.05	10.20	WY.....	7.01	7.89	8.62	8.73	9.14	9.64	9.70
IA.....	8.67	9.80	10.01	10.09	10.24	10.32	10.33	CO.....	7.63	8.28	8.63	8.97	9.24	9.52	9.81
MO.....	7.26	7.90	8.46	8.89	9.31	9.57	9.80	NM.....	5.79	6.54	7.22	7.60	7.97	8.41	8.78
ND.....	6.56	7.12	7.50	7.73	7.86	8.05	8.18	AZ.....	7.29	8.02	8.73	8.99	9.09	9.48	9.84
SD.....	8.50	7.12	7.36	7.31	7.14	7.43	7.72	UT.....	7.02	7.74	8.40	8.69	8.92	9.64	10.05
NE.....	7.38	8.01	8.47	8.76	8.93	9.02	9.26	NV.....	7.72	8.42	8.80	9.02	9.12	9.15	9.36
KS.....	7.37	8.05	8.80	9.23	9.38	9.45	9.74	<b>Pac.:</b>							
<b>S.A.:</b>								WA.....	(NA)	(NA)	11.23	11.42	11.57	11.63	11.77
DE.....	7.58	8.28	8.64	9.19	9.28	9.86	10.11	OR.....	8.65	9.47	10.02	10.25	10.44	10.50	10.56
MD.....	7.61	8.39	8.78	9.02	9.45	9.73	9.96	CA.....	7.70	8.56	9.24	9.52	9.77	10.12	10.37
DC <sup>1</sup> .....	8.46	8.88	9.37	9.75	10.10	10.48	10.28	AK.....	10.22	11.42	11.74	12.33	12.25	12.19	11.62
								HI.....	6.83	7.53	7.97	8.23	8.35	8.65	8.86

NA Not available. <sup>1</sup> 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. 650. AVERAGE ANNUAL PAY, BY STATE: 1984 TO 1986**

(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		STATE	AVERAGE ANNUAL PAY			PERCENT CHANGE	
	1984	1985	1986 <sup>1</sup>	1984-1985	1985-1986		1984	1985	1986 <sup>1</sup>	1984-1985	1985-1986
<b>U.S.</b>	<b>18,353</b>	<b>19,185</b>	<b>19,966</b>	<b>4.5</b>	<b>4.1</b>	MO.....	17,600	18,338	18,916	4.2	3.1
AL.....	16,203	17,023	17,698	5.1	3.6	MT.....	15,560	15,932	16,085	2.4	1.0
AK.....	28,806	28,699	28,442	-4	-9	NE.....	15,182	15,616	16,106	3.0	3.1
AZ.....	17,349	18,037	18,870	4.0	4.6	NV.....	17,565	18,179	18,739	3.5	3.1
AR.....	14,973	15,553	16,162	3.9	3.9	NH.....	16,164	17,205	18,303	6.4	6.4
CA.....	19,898	20,950	21,995	5.3	5.0	NJ.....	19,871	21,077	22,309	6.1	5.8
CO.....	18,797	19,569	20,275	4.1	3.6	NM.....	16,426	16,989	17,301	3.4	1.8
CT.....	20,010	21,226	22,516	6.1	6.1	NY.....	20,752	21,901	23,200	5.5	5.9
DC.....	18,505	19,150	19,639	3.5	2.6	NC.....	15,428	16,226	17,001	5.2	4.8
DE.....	25,121	26,160	27,137	4.1	3.7	ND.....	15,289	15,588	15,778	2.0	1.2
FL.....	16,184	16,958	17,679	4.8	4.2	OH.....	18,786	19,433	19,902	3.4	2.4
GA.....	16,954	17,912	18,746	5.7	4.7	OK.....	17,612	18,196	18,345	3.3	.8
HI.....	16,701	17,329	18,101	3.8	4.5	OR.....	17,392	17,837	18,322	2.6	2.7
ID.....	15,793	16,353	16,602	3.5	1.5	PA.....	17,931	18,649	19,404	4.0	4.1
IL.....	19,722	20,601	21,452	4.5	4.1	RI.....	16,150	16,864	17,733	4.4	5.2
IN.....	17,832	18,501	19,024	3.8	2.8	SC.....	15,305	15,944	16,600	4.2	4.1
IA.....	15,868	16,097	16,598	2.7	3.1	SD.....	13,530	13,987	14,477	3.4	3.5
KS.....	16,875	17,331	17,934	3.9	3.5	TN.....	16,217	16,987	17,661	4.7	4.0
KY.....	16,927	16,941	17,357	1.9	2.5	TX.....	15,860	16,616	17,343	4.7	4.0
LA.....	17,768	18,216	18,280	2.5	.4	UT.....	17,174	17,577	17,883	2.3	1.6
ME.....	14,850	15,428	16,326	3.9	5.8	VT.....	15,264	16,023	16,857	5.0	5.2
MD.....	18,155	19,082	20,121	5.2	5.4	VA.....	17,271	18,089	18,972	4.7	4.9
MA.....	18,414	19,627	20,925	6.6	6.6	WA.....	18,382	18,949	19,645	3.1	3.7
MI.....	20,931	21,884	22,720	4.5	3.8	WV.....	17,479	18,019	18,405	3.1	2.1
MN.....	18,043	18,818	19,630	4.3	4.3	WI.....	17,028	17,594	18,202	3.3	3.5
MS.....	14,399	14,951	15,420	3.8	3.1	WY.....	18,318	18,950	19,969	3.4	.1

<sup>1</sup> Preliminary, revised since originally published.

Source: U.S. Bureau of Labor Statistics, *Employment and Wages, Annual Averages 1985*; and USDL News Release 87-377, *Average Annual Pay by State and Industry, 1987*.

**NO. 651. FULL-TIME WAGE AND SALARY WORKERS—NUMBER AND MEDIAN WEEKLY EARNINGS, BY  
SELECTED CHARACTERISTIC: 1983 TO 1986**

[In current dollars of usual weekly earnings. Data represent annual averages of quarterly data. Data revised since previously published. See text, section 19 for a discussion of occupation 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	1984	1985	1986	1983	1984	1985	1986
<b>All workers.....</b>	<b>70,976</b>	<b>74,912</b>	<b>77,002</b>	<b>78,727</b>	<b>\$313</b>	<b>\$326</b>	<b>\$343</b>	<b>\$358</b>
<b>Male.....</b>	<b>42,309</b>	<b>44,654</b>	<b>45,589</b>	<b>46,233</b>	<b>378</b>	<b>391</b>	<b>406</b>	<b>419</b>
16 to 24 years old.....	6,702	7,153	6,956	6,822	223	231	240	245
25 years old and over.....	35,697	37,501	38,632	39,410	406	422	442	462
<b>Female.....</b>	<b>28,667</b>	<b>30,258</b>	<b>31,414</b>	<b>32,494</b>	<b>252</b>	<b>265</b>	<b>277</b>	<b>290</b>
16 to 24 years old.....	5,345	5,538	5,621	5,513	197	203	210	218
25 years old and over.....	23,322	24,720	25,793	26,981	267	282	296	308
<b>White.....</b>	<b>61,739</b>	<b>64,889</b>	<b>66,481</b>	<b>67,779</b>	<b>319</b>	<b>336</b>	<b>355</b>	<b>370</b>
Male.....	37,378	39,331	40,030	40,471	387	400	417	433
Female.....	24,361	25,558	26,452	27,308	254	268	281	294
<b>Black.....</b>	<b>7,373</b>	<b>8,023</b>	<b>8,393</b>	<b>8,654</b>	<b>261</b>	<b>269</b>	<b>277</b>	<b>291</b>
Male.....	3,883	4,227	4,367	4,464	293	302	304	318
Female.....	3,490	3,797	4,026	4,190	231	241	252	263
<b>Family relationship:</b>								
Husbands.....	28,720	29,932	30,260	30,491	410	429	455	475
Wives.....	14,884	15,821	16,270	16,820	257	272	285	299
Women who maintain families.....	3,948	4,220	4,333	4,512	256	266	278	290
Men who maintain families.....	1,331	1,212	1,313	1,411	377	380	396	397
<b>Occupation:</b>								
Managerial and professional.....	17,451	18,580	19,381	20,095	437	468	488	505
Exec., admin., managerial.....	8,117	8,956	9,328	9,777	460	483	497	511
Professional specialty.....	9,334	9,725	10,053	10,317	422	455	481	500
Tech. sales, and admin. support.....	21,641	22,590	23,425	24,060	281	295	307	320
Tech. and related support.....	2,574	2,664	2,762	2,821	357	379	398	416
Sales.....	6,313	6,850	7,156	7,395	306	319	335	351
Admin. support, incl. clerical.....	12,755	13,076	13,507	13,844	263	275	286	300
Service.....	7,321	7,824	7,910	8,061	205	212	216	223
Private household.....	278	338	342	334	117	134	132	121
Protective.....	1,453	1,457	1,483	1,589	344	365	381	392
Other service.....	5,590	5,828	6,085	6,138	191	199	203	209
Precision production <sup>1</sup> .....	9,963	10,644	10,932	10,851	377	384	397	408
Mechanics and repairers.....	3,538	3,707	3,897	3,723	376	388	400	414
Construction trades.....	3,011	3,249	3,361	3,469	374	383	393	401
Other.....	3,414	3,687	3,674	3,659	382	379	398	407
Operators, fabricators and laborers.....	13,319	14,129	14,067	14,342	275	287	295	301
Machine operators, assemblers, inspectors.....	6,990	7,299	7,181	7,254	263	277	287	293
Transportation and moving materials.....	3,358	3,651	3,648	3,684	328	344	360	366
Handlers, equipment cleaners, helpers, and laborers.....	2,970	3,179	3,238	3,404	243	251	251	263
Farming, forestry, fishing.....	1,280	1,345	1,288	1,318	196	203	212	217

<sup>1</sup> Including crafts and repair.

**NO. 652. MEDIAN USUAL WEEKLY EARNINGS OF FAMILIES, BY TYPE OF FAMILY AND NUMBER OF  
WORKERS: 1980 TO 1986**

[Annual averages of quarterly figures based on Current Population Survey; see text, section 1, and Appendix III. For families with wage and salary workers]

FAMILY TYPE AND NUMBER OF WORKERS	NUMBER OF FAMILIES (1,000)					MEDIAN USUAL WEEKLY EARNINGS (dollars)				
	1980	1983	1984	1985	1986	1980	1983	1984	1985	1986
<b>Total families<sup>1</sup>.....</b>	<b>41,162</b>	<b>40,701</b>	<b>40,944</b>	<b>41,616</b>	<b>42,101</b>	<b>400</b>	<b>471</b>	<b>499</b>	<b>522</b>	<b>543</b>
<b>Married couple families.....</b>	<b>33,825</b>	<b>33,032</b>	<b>33,070</b>	<b>33,459</b>	<b>33,569</b>	<b>403</b>	<b>511</b>	<b>548</b>	<b>582</b>	<b>606</b>
<b>One worker.....</b>	<b>14,797</b>	<b>14,321</b>	<b>13,532</b>	<b>13,347</b>	<b>13,048</b>	<b>303</b>	<b>350</b>	<b>371</b>	<b>385</b>	<b>393</b>
<b>Husband.....</b>	<b>12,127</b>	<b>11,088</b>	<b>10,604</b>	<b>10,346</b>	<b>9,979</b>	<b>336</b>	<b>400</b>	<b>418</b>	<b>440</b>	<b>459</b>
<b>Wife.....</b>	<b>2,059</b>	<b>2,522</b>	<b>2,220</b>	<b>2,243</b>	<b>2,351</b>	<b>199</b>	<b>199</b>	<b>205</b>	<b>217</b>	<b>223</b>
<b>Other.....</b>	<b>611</b>	<b>712</b>	<b>708</b>	<b>758</b>	<b>719</b>	<b>163</b>	<b>190</b>	<b>197</b>	<b>204</b>	<b>210</b>
<b>Two workers or more<sup>2</sup>.....</b>	<b>19,028</b>	<b>18,710</b>	<b>19,537</b>	<b>20,112</b>	<b>20,620</b>	<b>535</b>	<b>645</b>	<b>682</b>	<b>715</b>	<b>744</b>
<b>Husband and wife only.....</b>	<b>12,990</b>	<b>12,983</b>	<b>13,564</b>	<b>14,019</b>	<b>14,347</b>	<b>507</b>	<b>615</b>	<b>650</b>	<b>684</b>	<b>712</b>
<b>Husband and other family member(s).....</b>	<b>2,369</b>	<b>2,084</b>	<b>2,182</b>	<b>2,159</b>	<b>2,056</b>	<b>557</b>	<b>651</b>	<b>685</b>	<b>689</b>	<b>720</b>
<b>Wife and other family member(s).....</b>	<b>426</b>	<b>529</b>	<b>498</b>	<b>514</b>	<b>532</b>	<b>350</b>	<b>392</b>	<b>424</b>	<b>454</b>	<b>480</b>
<b>Families maintained by women.....</b>	<b>5,690</b>	<b>5,956</b>	<b>6,294</b>	<b>6,470</b>	<b>6,718</b>	<b>222</b>	<b>269</b>	<b>284</b>	<b>297</b>	<b>307</b>
<b>One worker.....</b>	<b>4,022</b>	<b>4,190</b>	<b>4,343</b>	<b>4,397</b>	<b>4,607</b>	<b>184</b>	<b>218</b>	<b>227</b>	<b>234</b>	<b>242</b>
<b>Two or more workers.....</b>	<b>1,668</b>	<b>1,766</b>	<b>1,951</b>	<b>2,073</b>	<b>2,110</b>	<b>370</b>	<b>440</b>	<b>455</b>	<b>487</b>	<b>499</b>
<b>Families maintained by men.....</b>	<b>1,647</b>	<b>1,713</b>	<b>1,581</b>	<b>1,688</b>	<b>1,814</b>	<b>360</b>	<b>410</b>	<b>421</b>	<b>450</b>	<b>444</b>
<b>One worker.....</b>	<b>1,016</b>	<b>1,066</b>	<b>963</b>	<b>1,031</b>	<b>1,133</b>	<b>283</b>	<b>321</b>	<b>334</b>	<b>348</b>	<b>351</b>
<b>Two or more workers.....</b>	<b>631</b>	<b>647</b>	<b>618</b>	<b>656</b>	<b>681</b>	<b>502</b>	<b>587</b>	<b>611</b>	<b>625</b>	<b>637</b>

<sup>1</sup> Excludes families where the husband, wife, or householder is self-employed. <sup>2</sup> Includes other combinations not shown separately.

Source of tables 651 and 652: U.S. Bureau of Labor Statistics, *Employment and Earnings*, January issues.

**NO. 653. NUMBER OF WORKERS WITH EARNINGS AND MEDIAN EARNINGS, BY OCCUPATION OF LONGEST JOB HELD AND SEX: 1986**

[Covers civilians 15 years old and over as of March 1987. 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				Ratio: Women to men	
	Women		Men		Women		Men			
	Number (1,000)	Median earnings	Number (1,000)	Median earnings	Number (1,000)	Median earnings	Number (1,000)	Median earnings	Number	Median earnings
<b>Total</b> <sup>1</sup> .....	<b>57,686</b>	<b>\$10,016</b>	<b>68,728</b>	<b>\$18,782</b>	<b>28,420</b>	<b>\$16,232</b>	<b>45,912</b>	<b>\$25,256</b>	<b>.62</b>	<b>.64</b>
Executive, administrators, and managerial.....	5,162	19,133	8,494	32,071	3,811	21,432	7,265	34,962	.54	.61
Professional specialty.....	8,051	18,196	7,820	31,654	4,590	23,076	6,061	35,143	.76	.86
Technical and related support.....	1,702	16,014	1,797	25,213	1,094	19,236	1,355	27,860	.81	.69
Sales.....	7,745	5,475	7,424	21,075	2,686	12,956	5,368	26,803	.50	.48
Admin. support, incl. clerical.....	16,239	11,581	3,894	17,679	9,305	15,509	2,699	22,718	3.45	.68
Precision production, craft and repair.....	1,351	11,807	13,494	19,710	752	16,810	9,174	24,281	.08	.69
Machine operators, assemblers, and inspectors.....	3,808	9,373	5,091	17,056	1,988	12,324	3,459	20,551	.57	.60
Transportation and material moving.....	458	8,327	4,637	17,460	131	14,310	2,999	21,770	.04	.66
Handlers, equipment cleaners, helpers, and laborers.....	1,022	5,883	5,112	7,872	318	12,198	2,055	17,694	.15	.69
Service workers.....	11,431	4,529	7,197	9,919	3,456	10,367	3,630	17,332	.95	.60
Private household.....	1,347	1,549	61	(B)	189	6,638	4	(B)	47.25	(X)
Service, except private household.....	10,084	5,155	7,136	9,488	3,267	10,568	3,626	17,345	.90	.61
Farming, forestry, and fishing.....	697	2,271	3,790	4,908	182	8,032	1,760	10,748	.10	.75

B Base less than 75,000. X Not applicable. <sup>1</sup> Includes persons whose longest job was in the Armed Forces. Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 158.

**NO. 654. EFFECTIVE FEDERAL MINIMUM HOURLY WAGE RATES, 1950 TO 1987, AND COVERAGE IN 1986**

[Employee estimates as of September 1986, 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				SEX, RACE, AND INDUSTRY	NONSUPERVISORY EMPLOYEES, 1986				
	Laws prior to 1966 <sup>1</sup>	Percent avg. earnings <sup>2</sup>	1966 and later <sup>3</sup>	Minimum rates for farm workers <sup>4</sup>		Total (1,000)	Subject to minimum wage rates			
							Total (1,000)	Percent of total	Prior to 1966 <sup>5, 7</sup> (1,000)	1966 and later <sup>6, 7</sup> (1,000)
Jan. 25, 1950.....	\$.75	54	(X)	(X)	<b>Total</b> .....	<b>85,417</b>	<b>74,680</b>	<b>87.4</b>	<b>47,630</b>	<b>27,050</b>
Mar. 1, 1956.....	1.00	52	(X)	(X)	Male.....	44,734	39,007	87.2	26,432	12,575
Sept. 3, 1961.....	1.15	50	(X)	(X)	Female.....	40,683	35,673	87.7	21,198	14,475
Sept. 3, 1963.....	1.25	51	(X)	(X)	White.....	75,125	65,449	87.1	42,549	22,900
Feb. 1, 1967.....	1.40	50	\$1.00	\$1.00	Black and other.....	10,292	9,231	89.7	5,081	4,150
Feb. 1, 1968.....	1.60	54	1.15	1.15	Black only.....	9,373	8,408	89.7	4,638	3,770
Feb. 1, 1969.....	( <sup>8</sup> )	51	1.30	1.30	<b>Private industry</b> .....	<b>75,134</b>	<b>64,397</b>	<b>85.7</b>	<b>47,630</b>	<b>18,787</b>
Feb. 1, 1970.....	( <sup>8</sup> )	49	1.45	( <sup>8</sup> )	Agriculture <sup>9</sup> .....	1,564	602	38.5	-	602
Feb. 1, 1971.....	( <sup>8</sup> )	46	1.60	( <sup>8</sup> )	Mining.....	655	651	99.4	651	-
May 1, 1974.....	2.00	46	1.90	1.60	Construction.....	4,787	4,765	99.5	3,973	792
Jan. 1, 1975.....	2.10	45	2.00	1.80	Manufacturing.....	17,053	16,581	97.2	16,478	103
Jan. 1, 1976.....	2.30	46	2.20	2.00	Transp., public utilities.....	4,758	4,727	99.3	4,649	78
Jan. 1, 1977.....	( <sup>8</sup> )	42	2.30	2.20	Wholesale trade.....	5,044	4,023	79.8	3,774	249
Jan. 1, 1978.....	2.65	44	2.65	2.65	Retail trade.....	16,357	13,931	85.2	7,109	6,822
Jan. 1, 1979.....	2.90	45	2.90	2.90	Finance, insurance, real estate.....	5,473	4,150	75.8	3,988	162
Jan. 1, 1980.....	3.10	44	3.10	3.10	Service <sup>10</sup> .....	17,899	13,942	77.9	7,008	6,934
Jan. 1, 1981.....	3.35	43	3.35	3.35	Private households.....	1,544	1,025	66.4	-	1,025
Mar. 1, 1987.....	( <sup>8</sup> )	34	( <sup>8</sup> )	( <sup>8</sup> )	Government <sup>11, 12</sup> .....	10,283	10,283	100.0	-	10,283

- Represents zero. X Not applicable. <sup>1</sup> Applies to workers covered prior to 1961 Amendments and after Sept. 1985, to workers covered by 1961 Amendments. Rates set by 1961 Amendments were: Sept. 1961, \$1.00; Sept. 1964, \$1.15; and Sept. 1965, \$1.25. <sup>2</sup> Percent of gross average hourly earnings of production workers in manufacturing. <sup>3</sup> Applies to workers newly covered by Amendments of 1966, 1974, and 1977, and Title IX of Education Amendments of 1972. <sup>4</sup> Included in coverage as of 1966, 1974, and 1977 Amendments. <sup>5</sup> No change in rate. <sup>6</sup> Includes workers in retail-service establishments with less than \$250,000 in gross annual sales which are part of enterprises covered under criteria in effect prior to the 1966 Amendments. These workers became subject under the 1974 Amendments. <sup>7</sup> Currently employed workers subject to provisions. <sup>8</sup> Estimates based on average employment for the ten-month active season. <sup>9</sup> Estimates for educational services in private industry and government relate to October. <sup>10</sup> Federal, State, and local employees.

Source: U.S. Department of Labor, Employment Standards Administration, *Minimum Wage and Maximum Hours Standards Under the Fair Labor Standards Act*, 1981, annual; and unpublished data.

## No. 655. EMPLOYMENT COST INDEX (ECI), BY INDUSTRY AND OCCUPATION: 1981 TO 1986

(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. Beginning June 1986, based on fixed employment counts from the 1980 Census of Population; 1981-1985 based on 1970 Census of Population)

ITEM	INDEXES (June 1981=100)								PERCENT CHANGE FOR 12 MONTHS ENDING—				
	Dec. 1981	Dec. 1982	Dec. 1983	Dec. 1984	Dec. 1985	June 1986	Dec. 1986	Dec. 1982	Dec. 1983	Dec. 1984	Dec. 1985	Dec. 1986	
	<b>Civilian workers<sup>1</sup></b> .....	104.5	111.4	117.8	123.9	129.2	131.5	133.8	6.6	5.7	5.2	4.3	3.6
Workers, by occupational group:													
White-collar workers.....	104.9	111.9	118.9	125.5	131.6	134.2	136.9	6.7	6.3	5.6	4.9	4.0	
Blue-collar workers.....	104.1	110.5	115.8	120.9	124.9	128.8	128.4	6.1	4.8	4.4	3.3	2.8	
Service workers.....	104.2	112.4	119.1	126.8	131.8	133.7	136.6	7.9	6.0	6.5	3.9	3.6	
Workers, by industry division:													
Manufacturing.....	104.0	110.4	116.0	122.0	126.0	128.7	130.1	6.2	5.1	5.2	3.3	3.3	
Nonmanufacturing.....	104.8	111.8	118.6	124.8	130.6	132.8	135.4	6.7	6.1	5.2	4.6	3.7	
Services.....	107.1	115.0	122.6	130.9	137.1	139.4	143.6	7.4	6.8	6.8	4.7	4.7	
Public administration <sup>2</sup> .....	106.0	113.6	121.4	128.6	134.8	138.0	141.6	7.2	6.9	5.9	4.8	5.0	
<b>Private industry workers<sup>2</sup></b> .....	104.0	110.7	117.0	122.7	127.5	129.9	131.6	6.4	5.7	4.9	3.9	3.2	
Workers, by occupational group:													
White-collar workers.....	104.0	110.8	117.9	123.9	129.8	132.5	134.3	6.5	6.4	5.1	4.8	3.5	
Blue-collar workers.....	104.0	110.3	115.7	120.6	124.4	126.3	127.8	6.1	4.9	4.2	3.2	2.7	
Service workers.....	103.1	111.8	117.9	125.7	129.5	131.1	133.5	8.4	5.5	6.6	3.0	3.1	
Workers, by industry division:													
Manufacturing.....	104.0	110.4	116.0	122.0	126.0	128.7	130.1	6.2	5.1	5.2	3.3	3.3	
Nonmanufacturing.....	103.9	110.8	117.5	123.1	128.4	130.6	132.4	6.6	6.0	4.8	4.3	3.1	
Workers by bargaining status:													
Union.....	104.8	112.3	118.8	123.9	127.1	128.7	129.8	7.2	5.8	4.3	2.6	2.1	
Non-union.....	103.5	109.7	115.9	121.9	127.5	130.2	132.1	6.0	5.7	5.2	4.6	3.6	
<b>State and local government workers</b> .....	107.4	115.1	122.0	130.1	137.5	139.7	144.7	7.2	6.0	6.6	5.7	5.2	
Workers, by occupational group:													
White-collar workers.....	107.8	115.8	122.6	131.1	138.6	140.5	146.0	7.4	5.9	6.9	5.7	5.3	
Blue-collar workers.....	105.9	113.0	119.2	125.9	132.7	136.3	139.5	6.7	5.5	5.6	5.4	5.1	
Workers, by industry division:													
Services.....	107.9	115.9	122.6	131.3	139.1	140.8	146.6	7.4	5.8	7.1	5.9	5.4	
Schools.....	107.9	115.8	122.6	132.0	140.3	141.7	148.4	7.3	5.9	7.7	6.3	5.8	
Elementary and secondary.....	108.3	116.6	123.9	133.5	142.0	143.2	150.3	7.7	6.3	7.7	6.4	5.8	
Hospitals and other services <sup>3</sup> .....	107.8	116.0	126.6	129.2	135.2	137.9	141.1	7.6	5.7	5.4	4.6	4.4	
Public administration <sup>2</sup> .....	106.0	113.6	121.4	128.6	134.8	138.0	141.6	7.2	6.9	5.9	4.8	5.0	

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

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

## No. 656. EMPLOYEES WITH EMPLOYER- OR UNION-PROVIDED PENSION PLANS, OR GROUP HEALTH PLANS, BY OCCUPATION AND INDUSTRY: 1985

[In thousands, except percent. For civilian wage and salary workers 15 years old and over as of March 1986. Based on Current Population Survey; see text, section 1, and Appendix III]

OCCUPATION	Total	WITH PENSION PLANS		WITH GROUP HEALTH PLANS		INDUSTRY	Total	WITH PENSION PLANS		WITH GROUP HEALTH PLANS	
		Num-ber	Per-cent	Num-ber	Per-cent			Num-ber	Per-cent	Num-ber	Per-cent
<b>Total<sup>1</sup></b> .....	114,410	48,959	42.8	68,914	60.2	<b>Total<sup>1</sup></b> .....	114,410	48,959	42.8	68,914	60.2
Managerial and professional specialty.....	25,444	15,601	61.3	19,460	76.5	Agriculture, forestry, fisheries.....	2,429	259	10.7	594	24.5
Executive, admin. and managerial.....	11,790	7,008	59.4	9,449	80.1	Mining.....	1,094	617	56.4	898	82.1
Prof. specialty.....	19,654	8,593	62.9	10,011	73.3	Construction.....	8,866	2,305	33.6	3,725	54.3
Technical, sales and admin. support.....	36,158	14,922	41.3	21,589	59.7	Manufacturing.....	22,772	13,002	57.1	18,357	80.6
Service workers.....	17,415	3,795	21.8	5,800	33.3	Transportation, public utilities.....	7,839	4,992	63.7	6,250	79.7
Pvt. household.....	1,420	7	.5	29	2.0	Wholesale trade.....	4,538	1,895	41.8	3,221	71.0
Service, exc. pvt. household.....	15,996	3,788	23.7	5,771	36.1	Retail trade.....	20,535	4,031	19.6	7,561	36.8
Farming, forestry and fishing.....	2,881	271	9.4	599	20.8	Finance, insurance, real estate.....	7,079	3,463	48.9	5,014	70.8
Precision prod., craft, and repair.....	13,187	6,397	48.5	9,348	70.9	Business services.....	5,830	1,593	27.3	2,830	48.5
Operatives, fabricators and laborers.....	19,177	7,900	41.2	12,038	62.8	Personal services.....	4,690	482	10.3	1,061	22.6
						Entertainment and recreation.....	1,592	257	16.1	474	29.8
						Professional and related.....	23,436	11,753	50.1	14,587	62.2
						Public administration.....	5,563	4,240	76.2	4,261	76.6

<sup>1</sup> Includes civilians whose longest job was in the Armed Forces, not shown separately.

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

NO. 657. 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]

TYPE OF EMPLOYEE BENEFIT	All employees	Professional and administrative employees	Technical and clerical employees	Production employees	TYPE OF EMPLOYEE BENEFIT	All employees	Professional and administrative employees	Technical and clerical employees	Production employees
Paid: Vacations.....	100	99	100	100	Retirement and savings plans—Con.				
Holidays.....	99	99	100	98	Employee stock ownership.....	30	32	32	27
Jury duty leave.....	93	96	96	90	Profit sharing.....	22	22	22	22
Funeral leave.....	88	87	87	88	Money purchase pension.....	2	2	1	2
Rest time.....	72	58	69	82	Stock purchase.....	3	4	3	2
Military leave.....	66	74	72	58	Additional benefits: <sup>2</sup>				
Sick leave.....	70	93	93	45	Parking.....	66	82	77	92
Personal leave.....	25	39	35	15	Educational assistance.....	76	86	84	68
Lunch time.....	10	3	4	17	Employee discounts.....	57	54	61	56
Insurance plans:					Travel accident insurance.....	52	72	63	36
Health.....	95	96	94	96	In-house infirmary.....	46	47	38	50
Noncontributory.....	54	52	45	61	Severance pay.....	45	61	57	31
Hospital/surgical <sup>1</sup> .....	94	94	94	95	Relocation allowance.....	43	82	41	24
Mental health care.....	94	94	94	94	Recreation facilities.....	33	37	31	32
Private duty nursing.....	89	82	91	87	Subsidized meals.....	21	28	26	16
Dental.....	67	71	68	65	Nonproduction bonuses, cash.....	20	22	20	19
Extended care facility.....	66	70	66	65	Gifts, non-cash.....	14	14	14	14
Home health care.....	63	67	66	58	Financial counseling.....	11	13	14	8
Vision.....	38	37	39	38	Supplemental unemployment benefits.....	8	4	3	13
Life.....	96	97	96	95	Subsidized commuting.....	5	8	7	3
Noncontributory.....	87	87	87	86	Prepaid legal services.....	3	2	2	5
Accident/sickness.....	49	28	35	69	Child care.....	1	2	1	1
Noncontributory.....	41	22	28	59	Flexible benefits plans.....	2	4	2	1
Long-term disability.....	48	68	80	30	Reimbursement accounts <sup>3</sup> .....	5	9	7	1
Noncontributory.....	38	52	47	24	Mean number of—				
Retirement and savings plans:					Paid holidays.....	10.0	10.2	9.8	10.0
Defined benefit pension.....	76	78	78	74	Paid vacation days after—				
Noncontributory.....	71	73	74	69	1 year.....	8.8	10.1	9.6	7.5
Defined contribution.....	60	71	70	49	3 years.....	10.5	11.0	10.5	12.0
Savings and thrift.....	28	39	36	17	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

<sup>1</sup> Includes physician visits in hospitals, diagnostic X-ray and lab, and auxiliary hospital services. <sup>2</sup> 1985 data, except flexible benefit plans and reimbursement accounts for 1986. <sup>3</sup> Account which is used throughout the year to pay for plan premiums or to reimburse the employee for benefit related expenses. Account may be financed by employer, employee, or both.

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

NO. 658. WORK DISABILITY STATUS, BY OCCUPATION, HEALTH AND PENSION COVERAGE, AND INDUSTRY: 1987

[In thousands, except percent. As of March. For civilian noninstitutional population, 16-64 years old]

OCCUPATION AND COVERAGE	WITH A WORK DISABILITY		WITH NO WORK DISABILITY		INDUSTRY	WITH A WORK DISABILITY		WITH NO WORK DISABILITY	
	Number	Percent	Number	Percent		Number	Percent	Number	Percent
<b>Total employed.....</b>	<b>3,785</b>	<b>3.5</b>	<b>103,088</b>	<b>96.5</b>	Agriculture.....	126	4.7	2,580	95.3
<b>OCCUPATION</b>					Forestry and fisheries.....	11	5.8	178	94.2
Managerial, prof. specialty.....	679	2.5	26,175	97.5	Mining.....	21	2.6	782	97.4
Tech. sales, adm. support.....	1,045	3.1	32,467	96.9	Construction.....	289	4.3	6,446	95.7
Service.....	697	4.9	13,554	95.1	Manufacturing.....	621	3.1	19,496	96.9
Farm, forest, fish.....	135	4.7	2,742	95.3	Durable goods.....	384	3.2	11,623	96.8
Precision production, craft and repair.....	535	4.1	12,390	95.9	Non-durable goods.....	236	2.9	7,873	97.1
Operators, fabricators, laborers.....	695	4.2	15,762	95.8	Transp., communication, and other public utilities.....	270	3.6	7,237	96.4
<b>COVERAGE</b>					Wholesale trade.....	156	3.6	4,228	96.4
Worked in 1986.....	3,515	3.4	101,147	96.6	Retail trade.....	598	3.3	17,402	96.7
Covered by—					Finance, insurance, and real estate.....	177	2.5	6,991	97.5
Both health and pension.....	1,134	2.7	41,474	97.3	Services <sup>1</sup> .....	1,351	3.9	32,932	96.1
Health only.....	512	2.9	17,278	97.1	Business services.....	211	4.6	4,342	95.4
Pension only.....	108	2.7	3,946	97.3	Personal services.....	242	6.0	3,778	94.0
					Public administration.....	168	3.4	4,836	96.6

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

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

**NO. 659. MAJOR COLLECTIVE BARGAINING AGREEMENTS—AVERAGE PERCENT EFFECTIVE WAGE  
ADJUSTMENTS: 1975 TO 1986**

[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	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Total effective adjustments (prorated over all workers).....	8.7	8.1	8.0	8.2	9.1	9.9	9.5	6.8	4.0	3.7	3.3	2.3
Source:												
Current settlements.....	2.8	3.2	3.0	2.0	3.0	3.6	2.5	1.7	.8	.8	.7	.5
Prior agreements.....	3.7	3.2	3.2	3.7	3.0	3.5	3.8	3.6	2.5	2.0	1.8	1.7
COLA.....	2.2	1.6	1.7	2.4	3.1	2.8	3.2	1.4	.6	.9	.7	.2
Industry:												
Manufacturing.....	8.5	8.5	8.4	8.6	9.6	10.2	9.4	5.2	2.7	4.3	2.8	1.5
Nonmanufacturing.....	8.9	7.7	7.6	7.9	8.8	9.7	9.5	7.9	4.8	3.3	3.6	2.9
Construction.....	8.1	7.2	6.5	6.5	7.1	9.9	11.2	9.7	4.4	2.9	3.0	3.0
Transportation and public utilities.....	9.7	7.8	8.5	8.2	11.2	10.8	8.6	7.1	4.4	3.0	3.6	2.7
Wholesale and retail trade.....	9.2	8.8	8.7	8.4	6.7	7.6	8.1	6.8	5.1	3.4	3.3	2.9
Services.....	6.4	5.7	6.7	8.8	7.0	8.1	9.6	7.8	7.0	4.9	5.1	3.7
Nonmanufacturing, excluding construction.....	9.3	7.9	8.1	8.5	9.5	9.6	8.8	7.1	5.0	3.4	3.7	2.9
Effective wage change for workers receiving change.....							9.6	7.2	4.7	4.4	4.1	2.8
Source:												
Current settlements.....							9.8	7.4	2.8	3.0	3.4	1.6
Prior agreements.....							5.3	6.3	5.9	4.0	3.7	3.9
COLA.....							6.1	3.1	2.1	2.7	2.2	1.0
Total number of workers receiving wage change (mil.).....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	8.6	7.9	6.5	6.2	5.6	5.4
Source (mil.):												
Current settlements.....							2.3	1.9	2.3	1.9	1.4	1.9
Prior agreements.....							6.3	4.8	3.3	3.7	3.4	2.8
COLA.....							4.5	3.8	2.3	2.5	2.3	1.4
Number of workers not receiving a wage change (mil.).....							.1	.5	1.2	1.1	1.4	1.2

NA Not available.

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

**NO. 660. MAJOR COLLECTIVE BARGAINING SETTLEMENTS—AVERAGE PERCENT ADJUSTMENTS IN  
WAGES AND COMPENSATION NEGOTIATED: 1975 TO 1986**

[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	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
Compensation:												
First year.....	11.4	8.5	9.6	8.3	9.0	10.4	10.2	3.2	3.4	3.6	2.6	1.1
Over life of contract <sup>1</sup> .....	8.1	6.6	6.2	6.3	6.6	7.1	8.3	2.8	3.0	2.8	2.7	1.6
Wage-rates:												
All industries:												
First year.....	10.2	8.4	7.8	7.6	7.4	9.5	9.8	3.8	2.6	2.4	2.3	1.2
Contracts with COLA.....	12.2	8.4	8.0	6.9	6.2	8.0	8.0	2.2	1.9	2.9	1.6	1.9
Contracts without COLA.....	9.1	8.3	7.6	8.0	9.1	11.7	10.6	7.0	3.3	2.1	2.7	.9
Over life of contract <sup>1</sup> .....	7.8	6.4	5.8	6.4	6.0	7.1	7.9	3.6	2.8	2.4	2.7	1.8
Contracts with COLA.....	7.1	5.7	5.0	5.3	4.8	5.0	5.5	2.1	2.0	1.8	2.5	1.7
Contracts without COLA.....	8.3	7.3	6.9	7.1	8.0	10.3	8.8	6.6	3.7	2.7	2.8	1.8
Manufacturing:												
First year.....	9.8	8.9	8.4	8.3	6.9	7.4	7.2	2.8	.4	2.3	.8	-1.2
Over life of contract <sup>1</sup> .....	8.0	6.0	5.5	6.6	5.4	5.4	6.1	2.6	2.1	1.5	1.8	.2
Nonmanufacturing:												
First year.....	10.4	7.7	7.4	7.4	8.0	10.9	11.2	4.8	3.8	2.5	3.3	2.0
Over life of contract <sup>1</sup> .....	7.8	6.8	6.0	6.4	6.8	8.3	8.8	4.7	3.2	2.9	3.3	2.3
Number of workers affected (mil.).....	2.9	4.1	4.0	2.5	3.5	3.8	2.4	3.3	3.1	2.3	2.2	2.5
Manufacturing (mil.).....	.8	2.1	1.6	.6	1.9	1.6	.8	1.7	1.1	.9	.9	.6
Nonmanufacturing (mil.).....	2.1	2.0	2.4	2.0	1.6	2.2	1.6	1.6	2.0	1.4	1.3	1.9

<sup>1</sup> Average annual rate of change.

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

**No. 661. MAJOR COLLECTIVE BARGAINING SETTLEMENTS—SELECTED CHARACTERISTICS BY CONTRACT DURATION: 1986**

[Number of workers in thousands. For settlements reached in 1986 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.....	568	14	35	34	81	105	196	123
Number of workers.....	2,486	34	111	77	224	636	693	711
Average duration of settlement.....	32.0	10.1	12.0	16.4	24.0	31.4	36.0	37.1
Percent wage adjustment in—								
First year of contract.....	1.2	2.1	.6	1.7	-.3	1.4	2.0	.7
Second year of contract <sup>1</sup> .....	2.1	(x)	(x)	.4	3.1	2.3	2.3	1.7
Third year of contract <sup>2</sup> .....	1.9	(x)	(x)	(x)	(x)	1.8	2.5	1.7
Over life of contract <sup>3</sup> .....	1.8	3.2	.6	1.4	1.3	2.0	2.3	1.4

X Not applicable. <sup>1</sup> For settlements with a duration of greater than 12 months. <sup>2</sup> For settlements with a duration of greater than 24 months. <sup>3</sup> Average annual percent adjustment.

Source: U.S. Bureau of Labor Statistics, *Current Wage Developments*, March 1987.

**No. 662. WORK STOPPAGES: 1960 TO 1986**

[Excludes work stoppages involving fewer than 1,000 workers and lasting less than 1 day. Information is based on reports of labor disputes appearing in daily newspapers, trade journals, and other public sources. The parties to the disputes are contacted by telephone, when necessary, to clarify details of the stoppages]

YEAR	Number of work stoppages <sup>1</sup>	Workers involved <sup>2</sup> (1,000)	DAYS IDLE		YEAR	Number of work stoppages <sup>1</sup>	Workers involved <sup>2</sup> (1,000)	DAYS IDLE	
			Number <sup>3</sup> (1,000)	Percent estimated working time <sup>4</sup>				Number <sup>3</sup> (1,000)	Percent estimated working time <sup>4</sup>
1960.....	222	896	13,260	.09	1977.....	298	1,212	21,258	.10
1965.....	268	999	15,140	.10	1978.....	219	1,005	23,774	.11
1969.....	412	1,576	29,397	.16	1979.....	235	1,021	20,409	.09
1970.....	381	2,468	52,761	.29	1980.....	187	795	20,844	.09
1971.....	298	2,516	35,538	.19	1981.....	145	729	16,908	.07
1972.....	250	975	16,764	.09	1982.....	96	658	9,061	.04
1973.....	317	1,400	16,260	.08	1983.....	81	909	17,461	.08
1974.....	424	1,796	31,809	.16	1984.....	62	376	8,499	.04
1975.....	235	965	17,563	.09	1985.....	54	324	7,079	.03
1976.....	231	1,519	23,962	.12	1986.....	69	533	11,861	.05

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

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

**No. 663. WORKERS KILLED OR DISABLED ON THE JOB, 1960 TO 1986, AND BY INDUSTRY GROUP, 1986**

[1986 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 <sup>2</sup> (1,000)	YEAR AND INDUSTRY GROUP	DEATHS		Disabling injuries <sup>2</sup> (1,000)
	Total		Manufacturing		Nonmanufacturing				Number (1,000)	Rate <sup>1</sup>	
	Number (1,000)	Rate <sup>1</sup>	Number (1,000)	Rate <sup>1</sup>	Number (1,000)	Rate <sup>1</sup>					
1960.....	13.8	21	1.8	10	12.1	25	1,950	<b>1986, total</b> .....	<b>10.7</b>	<b>10</b>	<b>1,800</b>
1965.....	14.1	20	1.8	10	12.3	24	2,100	Agriculture <sup>3</sup> .....	1.7	52	170
1970.....	13.8	18	1.7	9	12.1	21	2,200	Mining and quarrying.....	.4	50	40
1975.....	13.0	15	1.6	9	11.4	17	2,200	Construction.....	2.1	33	220
1980.....	13.2	13	1.7	8	11.5	15	2,200	Manufacturing.....	1.1	6	310
1983.....	11.7	12	1.2	6	10.5	13	1,900	Transportation and utilities.....	1.5	27	160
1984.....	11.5	11	1.1	6	10.4	12	1,900	Trade <sup>4</sup> .....	1.1	4	310
1985.....	11.4	11	1.3	7	10.1	12	2,000	Service <sup>5</sup> .....	1.5	5	350
1986.....	10.7	10	1.1	6	9.6	11	1,800	Government.....	1.3	8	240

<sup>1</sup> Per 100,000 workers. <sup>2</sup> Disabling injury defined as one which results in death, some degree of physical impairment, or renders the person unable to perform regular activities for a full day beyond the day of the injury. <sup>3</sup> Includes forestry and fishing. <sup>4</sup> Includes wholesale and retail trade. <sup>5</sup> Includes finance, insurance and real estate.

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

**NO. 664. OCCUPATIONAL INJURY AND ILLNESS INCIDENCE RATES, SELECTED INDUSTRIES:  
1975 TO 1985**

(Rates per 100 full-time employees. For nonfarm employment data, see table 642. 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 CODE	INDUSTRY	TOTAL CASES <sup>2</sup>			LOST WORKDAY CASES			NONFATAL CASES, NO LOST WORKDAYS			LOST WORKDAYS	
		1975	1980	1985	1975	1980	1985	1975	1980	1985	1980	1985
(x)	Private sector <sup>1</sup> .....	9.1	8.7	7.9	3.3	4.0	3.6	5.8	4.7	4.3	65.2	64.9
A	Agriculture, forestry, fishing <sup>3</sup> .....	10.5	11.9	11.4	4.4	5.8	5.7	6.0	6.1	5.6	82.7	91.3
B	Mining.....	11.0	11.2	8.4	5.6	6.5	4.8	5.4	4.6	3.6	163.6	145.3
10	Metal mining.....	6.5	8.9	6.7	4.4	5.5	3.3	2.1	3.4	2.7	129.3	113.5
11	Anthracite mining.....	28.4	13.8	8.7	10.2	9.5	7.0	18.1	5.2	1.5	276.7	445.8
12	Bituminous coal and lignite.....	10.8	10.1	8.6	6.4	8.3	5.1	4.3	1.8	1.5	252.3	199.2
13	Oil and gas extraction.....	14.0	13.4	10.6	6.2	6.7	5.3	7.7	6.6	4.8	152.7	143.8
14	Nonmetallic minerals, exc. fuels.....	6.0	5.4	3.9	3.5	3.6	2.6	2.4	1.8	1.3	88.8	87.3
C	Construction.....	15.9	15.7	15.2	5.5	6.5	6.8	10.4	9.1	8.4	117.0	128.9
15	General building contractors.....	15.5	15.5	15.2	5.3	6.5	6.8	10.2	9.0	8.4	113.0	120.4
16	Heavy construction contractors.....	17.1	18.3	14.5	5.9	6.3	6.3	11.2	9.9	8.1	117.6	127.3
17	Special trade contractors.....	15.5	15.5	15.4	5.4	6.7	7.0	10.1	8.8	8.4	118.9	133.3
D	Manufacturing.....	13.0	12.2	10.4	4.5	5.4	4.6	8.5	6.8	5.8	86.7	80.2
(x)	Durable goods.....	14.2	12.9	10.9	4.8	5.6	4.7	9.4	7.3	6.2	90.9	82.0
24	Lumber and wood products.....	21.0	18.6	18.5	8.5	9.5	9.3	12.5	9.1	9.2	171.8	171.4
25	Furniture and fixtures.....	15.9	16.0	15.0	5.1	6.6	6.3	10.8	9.4	8.7	97.6	100.4
32	Stone, clay, and glass products.....	16.0	15.0	13.9	5.9	7.1	6.7	10.1	7.9	7.2	128.1	127.8
33	Primary metal industries.....	17.0	15.2	12.6	6.1	7.1	5.7	10.9	8.1	6.8	128.3	113.8
34	Fabricated metal products.....	19.1	18.5	16.3	6.6	8.0	6.9	12.5	10.5	9.4	118.4	110.1
35	Machinery, exc. electric.....	14.9	13.7	10.8	4.6	5.5	4.2	10.3	8.2	6.6	81.3	69.3
36	Electric and electronic equipment.....	8.5	8.0	6.4	2.5	3.3	2.7	6.0	4.7	3.7	51.8	45.7
37	Transportation equipment.....	12.4	10.6	9.0	4.5	4.9	3.9	7.9	5.7	5.0	82.4	71.6
38	Instruments and related products.....	6.9	6.8	5.2	2.1	2.7	2.2	4.8	4.1	3.0	41.6	37.9
39	Miscellaneous.....	11.3	10.9	9.7	3.6	4.3	4.2	7.7	6.5	5.6	67.9	73.2
(x)	Nondurable goods.....	11.4	11.1	9.6	4.1	5.0	4.4	7.3	6.1	5.2	80.4	77.6
20	Food and kindred products.....	18.3	18.7	16.7	7.9	9.0	8.1	17.0	9.7	8.6	138.8	138.0
21	Tobacco manufactures.....	10.3	9.1	7.3	3.9	3.8	3.0	6.4	4.3	4.3	45.8	51.7
22	Textile mill products.....	10.2	9.1	7.5	2.5	3.3	3.0	7.7	5.8	4.5	62.8	57.4
23	Apparel and other textile products.....	6.0	6.4	6.7	1.6	2.2	2.6	4.3	4.2	4.1	34.9	44.1
26	Paper and allied products.....	13.3	12.7	10.2	4.1	5.8	4.7	9.1	6.9	5.5	112.3	94.6
27	Printing and publishing.....	6.7	6.9	6.3	2.4	3.1	2.9	4.3	3.8	3.5	46.5	49.2
28	Chemicals and allied products.....	8.4	6.8	5.1	2.9	3.1	2.3	5.5	3.7	2.8	50.3	38.8
29	Petroleum and coal products.....	9.0	7.2	5.1	3.1	3.5	2.4	5.8	3.7	2.7	59.1	49.9
30	Rubber and misc. plastics products.....	15.7	15.5	13.4	6.7	7.4	6.3	9.0	8.1	7.1	118.6	107.4
31	Leather and leather products.....	11.2	11.7	10.3	3.8	5.0	4.6	7.4	6.7	5.7	82.7	88.3
E	Transportation, public utilities.....	9.4	9.4	8.6	4.7	5.5	5.0	4.7	3.8	3.6	104.5	107.1
40	Railroad transportation.....	8.5	11.1	8.4	4.9	7.2	5.8	3.6	3.8	2.6	107.6	92.0
41	Local passenger transit <sup>4</sup> .....	9.4	9.5	9.4	4.2	5.2	5.4	4.1	4.3	3.9	92.9	120.7
42	Trucking and warehousing.....	14.8	14.9	13.3	7.5	9.0	8.5	7.2	5.9	5.4	187.9	210.1
44	Water transportation.....	15.8	14.2	13.0	8.2	8.4	7.2	7.6	5.7	5.8	300.3	249.1
45	Air transportation.....	14.9	13.3	13.1	7.4	8.2	7.4	7.5	5.1	5.7	105.0	116.3
46	Pipelines, except natural gas.....	4.7	5.2	3.7	1.6	1.7	1.6	3.0	3.5	2.1	31.0	45.8
47	Transportation services.....	6.2	4.7	3.9	2.9	2.5	2.2	3.3	2.2	1.7	40.0	42.6
48	Communication.....	3.0	2.8	2.9	1.5	1.6	1.6	1.5	1.2	1.3	28.6	24.2
49	Electric, gas, sanitary services.....	9.3	8.6	6.9	3.7	4.3	3.4	5.6	4.2	3.5	70.8	62.4
F, G	Wholesale and retail trade.....	7.3	7.4	7.4	2.6	3.2	3.2	4.7	4.2	4.2	48.7	50.7
F	Wholesale trade.....	8.2	8.2	7.2	3.2	3.9	3.5	5.0	4.3	3.6	58.2	59.8
G	Retail trade.....	7.0	7.1	7.5	2.4	2.9	3.1	4.6	4.2	4.4	44.5	47.0
H	Finance, insurance, real estate <sup>5</sup> .....	2.2	2.0	2.0	.8	.8	.9	1.4	1.1	1.1	12.2	15.4
60	Banking.....	1.8	1.5	1.6	.6	.6	.7	1.2	.9	1.0	8.1	10.7
62	Security, commodity brokers.....	1.0	.8	.6	.4	.9	.3	.6	.5	.4	3.1	4.0
63	Insurance carriers.....	1.7	1.7	1.8	.6	.7	.8	1.1	1.0	1.0	10.8	18.0
64	Insurance agents, brokers, and service.....	(NA)	.8	.7	(NA)	.3	.3	(NA)	.5	.4	4.2	5.2
65	Real estate.....	5.0	4.4	4.2	1.9	2.2	2.1	3.1	2.2	2.1	32.8	34.6
I	Services <sup>6</sup> .....	5.5	5.2	5.4	2.0	2.3	2.6	3.5	2.9	2.8	35.8	45.4
70	Hotels and other lodgings.....	8.2	6.9	10.0	2.6	3.7	4.3	5.5	5.2	5.0	50.9	64.1
72	Personal services.....	3.3	2.9	2.9	1.3	1.3	1.5	2.0	1.6	1.5	22.6	28.4
73	Business services, and garages.....	5.0	4.4	4.7	2.0	2.1	2.2	3.0	2.3	2.5	31.1	46.6
75	Auto repair, services, and garages.....	9.0	7.5	6.5	3.4	3.3	3.2	5.8	4.2	3.3	47.8	51.5
76	Miscellaneous repair services.....	10.2	8.8	7.9	3.9	4.2	4.0	6.3	4.6	3.9	63.8	69.4
78	Motion pictures.....	3.4	4.7	4.1	1.0	1.6	1.6	2.4	3.1	2.6	31.6	31.7
79	Amusement, recreation services.....	8.6	9.2	8.2	2.8	3.8	3.5	5.7	5.4	4.6	53.8	51.2
80	Health services.....	6.8	6.4	7.1	2.5	3.1	3.6	4.3	3.3	3.5	47.4	63.2
81	Legal services.....	(NA)	.4	.6	(NA)	.2	.3	(NA)	.2	.3	(NA)	7.3
82	Educational services.....	3.5	3.3	3.4	1.4	1.4	1.4	2.0	1.9	2.0	18.6	22.6
83	Social services.....	5.2	5.1	6.0	2.0	2.2	2.6	3.2	2.9	3.3	32.3	45.0
84	Museums, botanical, zoological gardens.....	7.9	7.5	6.0	2.6	3.3	2.7	5.2	4.1	3.3	35.4	39.3
86	Membership organizations.....	3.0	3.4	(NA)	1.1	1.0	(NA)	1.9	2.4	(NA)	24.6	(NA)
89	Miscellaneous services.....	2.3	1.6	1.7	.7	.7	.7	1.6	.9	1.0	10.8	8.3

NA Not available. X Not applicable. <sup>1</sup> Standard Industrial Classification; see text, section 13. <sup>2</sup> "Cases" represents occurrences. Includes fatalities for all employees. <sup>3</sup> Excludes farms with fewer than 11 employees. <sup>4</sup> Includes interurban.

<sup>5</sup> Includes categories not shown separately.

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



**NO. 665. 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	LABOR ORGANIZATION	1975	1979	1985	1987
<b>Total <sup>1</sup></b> .....	<b>14,070</b>	<b>13,621</b>	<b>11,250</b>	<b>12,692</b>	Graphic Communications <sup>2</sup> .....	198	171	141	136
Automobile, Aerospace and Agriculture (IAW) .....	(x)	(x)	974	998	Hotel Employees and Restaurant Employees .....	421	373	327	293
Bakery, Confectionery and Tobacco <sup>2</sup> .....	149	131	115	109	Ironworkers .....	180	146	140	122
Boiler Makers, Iron Shipbuilders <sup>2</sup> .....	123	129	110	90	Laborers .....	475	475	383	371
Bricklayers .....	143	106	95	84	Letter Carriers (NALC) .....	151	151	186	200
Carpenters <sup>2</sup> .....	712	629	609	609	Machinists and Aerospace (IAM) .....	780	664	520	509
Clothing and Textile Workers (ACTWU) <sup>2</sup> .....	377	308	228	195	Musicians .....	215	206	67	60
Communication Workers (CWA) .....	478	485	524	515	Oil, Chemical, Atomic Workers (OCAW) .....	145	146	108	96
Electrical Workers (IBEW) .....	858	825	791	765	Painters .....	160	160	133	128
Electronic, Electrical and Technical <sup>2</sup> .....	255	243	198	185	Paperworkers Int'l .....	275	262	232	221
Operating Engineers .....	300	313	330	330	Plumbing and Pipefitting .....	228	228	226	220
Firefighters .....	123	150	142	142	Postal Workers .....	249	245	232	230
Food and Commercial Workers (UFCW) <sup>2</sup> .....	1,150	1,123	989	1,000	Retail, Wholesale Department Store <sup>2</sup> .....	120	122	106	140
Garment Workers (LGMU) .....	363	314	210	173	Rubber, Cork, Linoleum, Plastic .....	173	158	106	97
Government, American Federation (AFGE) .....	255	236	199	157	Service Employees (SEIU) <sup>2</sup> .....	490	537	688	762
					State, County, Municipal (AFSCME) .....	647	689	997	1,032
					Steelworkers .....	1,082	964	572	494
					Teachers (AFT) .....	398	423	470	489
					Transport Workers .....	95	85	85	85

X Not applicable. <sup>1</sup> Includes other AFL-CIO affiliated unions, not shown separately. <sup>2</sup> Figures reflect mergers with one or more unions since 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. 666. 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 <sup>1</sup>			STATE	TOTAL (1,000)			PERCENT OF EMPLOYED <sup>1</sup>		
	1975	1980	1982	1975	1980	1982		1975	1980	1982	1975	1980	1982
<b>U.S. <sup>2</sup></b> .....	<b>22,207</b>	<b>20,968</b>	<b>19,571</b>	<b>28.9</b>	<b>23.2</b>	<b>21.9</b>	MS <sup>3</sup> .....	84	78	74	12.6	9.5	9.3
AL <sup>3</sup> .....	275	245	239	23.9	18.1	18.2	MO .....	575	588	510	33.4	28.8	26.6
AK .....	67	56	59	41.2	33.1	30.4	MT .....	76	70	59	31.6	25.0	21.7
AZ <sup>3</sup> .....	152	152	132	20.9	14.9	12.8	NE <sup>2</sup> .....	107	104	98	19.3	16.6	16.3
AR <sup>3</sup> .....	114	107	95	18.4	14.5	13.2	NY <sup>2</sup> .....	98	103	90	37.4	25.8	22.1
CA .....	2,694	2,693	2,495	34.5	27.3	25.4	NH .....	50	49	48	16.9	12.7	12.3
CO .....	224	236	236	23.6	18.9	18.0	NJ .....	758	684	613	28.4	22.3	19.9
CT .....	338	267	269	27.7	18.7	18.9	NM .....	62	59	61	17.0	12.8	12.8
DE .....	58	58	53	25.8	22.3	20.3	NY .....	2,937	2,628	2,589	43.2	36.5	35.6
DC .....	191	216	199	33.0	35.1	33.4	NC <sup>3</sup> .....	220	210	208	11.0	8.8	8.9
FL <sup>3</sup> .....	427	348	359	15.6	9.7	9.6	ND <sup>3</sup> .....	39	39	36	19.4	15.7	14.2
GA <sup>3</sup> .....	249	282	279	14.4	13.1	12.7	OH .....	1,449	1,312	1,132	36.1	30.0	27.4
HI .....	117	129	126	34.3	31.8	31.5	OK .....	173	172	160	19.5	15.1	12.9
ID .....	52	56	50	19.4	17.1	16.1	OR .....	282	289	264	33.9	27.6	27.5
IL .....	1,553	1,431	1,261	35.1	29.5	27.5	PA .....	1,514	1,370	1,230	34.3	28.9	27.0
IN .....	610	627	505	31.6	29.5	25.1	RI .....	90	76	76	26.3	19.1	19.4
IA <sup>3</sup> .....	292	238	211	23.4	21.4	20.5	SC <sup>3</sup> .....	66	73	68	8.6	8.2	5.8
KS <sup>3</sup> .....	128	121	110	16.0	12.8	12.0	SD <sup>3</sup> .....	28	25	24	13.3	10.7	10.3
KY .....	257	251	237	24.6	20.7	20.4	TN <sup>3</sup> .....	324	305	292	21.7	17.5	17.3
LA <sup>3</sup> .....	237	235	223	19.8	14.9	13.8	TX <sup>3</sup> .....	705	755	782	16.0	12.9	12.5
ME .....	74	87	76	20.7	18.5	18.5	UT <sup>3</sup> .....	99	99	94	22.4	18.0	16.8
MD .....	391	314	311	27.5	18.3	18.6	VT .....	26	25	24	16.3	12.3	11.9
MA .....	585	515	517	24.3	19.4	19.7	VA <sup>3</sup> .....	253	229	232	14.4	10.6	10.9
MJ .....	1,319	1,212	1,078	42.2	35.2	33.7	WA .....	540	543	517	44.7	33.8	32.9
MN .....	426	431	419	29.0	24.3	24.5	WI .....	208	184	176	37.1	28.5	28.9
							WV .....	527	492	457	31.5	25.4	24.5
							WY <sup>3</sup> .....	33	37	34	22.6	17.5	15.6

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

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

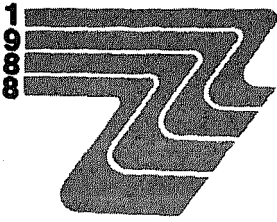
Labor Force, Employment, and Earnings

NO. 667. UNION MEMBERS, BY SELECTED CHARACTERISTICS: 1983 AND 1986

[Annual averages of monthly data. Covers employed wage and salary workers 16 years old and over. Excludes self-employed workers whose businesses are incorporated although they technically qualify as wage and salary workers. Based on Current Population Survey, see text, section 1 and Appendix III]

CHARACTERISTIC	EMPLOYED WAGE AND SALARY WORKERS				MEDIAN USUAL WEEKLY EARNINGS <sup>3</sup> (doll.)													
	Total (1,000)		Percent represented by union members <sup>1</sup>		Total		Represented by unions <sup>2</sup>		Not represented by unions									
	1983	1986	1983	1986	1983	1986	1983	1986										
<b>Total</b>	<b>86,230</b>	<b>96,903</b>	<b>17,717</b>	<b>16,975</b>	<b>20,532</b>	<b>19,278</b>	<b>20.1</b>	<b>17.5</b>	<b>23.3</b>	<b>19.9</b>	<b>313</b>	<b>358</b>	<b>388</b>	<b>444</b>	<b>383</b>	<b>439</b>	<b>288</b>	<b>325</b>
16-24 years	19,305	17,493	1,895	2,145	1,655	1,927	9.1	7.0	11.1	8.4	210	231	281	310	275	305	203	224
25-34 years	25,978	29,577	3,648	5,989	5,288	5,989	19.6	15.9	23.1	19.4	521	350	382	422	376	417	304	339
35-44 years	16,722	22,295	5,569	8,362	5,634	8,362	24.8	22.3	28.6	25.3	369	418	411	479	407	479	339	386
45-54 years	9,201	12,339	3,131	4,014	3,908	4,014	27.0	24.7	30.5	26.5	346	415	404	480	402	479	316	370
55-64 years	1,934	2,474	524	788	2,478	2,699	24.0	30.3	26.5	26.5	346	396	382	443	300	444	238	278
65 years and over	1,934	1,935	196	174	234	204	10.1	8.9	12.1	10.5	268	298	338	377	330	376	238	284
Men	47,956	51,942	11,809	11,173	19,207	12,917	24.7	21.5	27.7	23.7	378	416	482	414	481	481	349	394
Women	40,433	44,961	5,908	7,802	7,262	6,361	14.6	12.9	18.0	15.5	252	290	309	368	307	367	237	274
<b>White</b>	<b>77,046</b>	<b>83,745</b>	<b>14,061</b>	<b>17,182</b>	<b>15,955</b>	<b>15,955</b>	<b>19.3</b>	<b>16.8</b>	<b>22.3</b>	<b>19.1</b>	<b>319</b>	<b>370</b>	<b>396</b>	<b>458</b>	<b>391</b>	<b>452</b>	<b>295</b>	<b>338</b>
Men	45,168	45,334	10,134	13,505	11,364	10,461	24.0	21.0	26.9	23.1	387	433	423	499	413	476	326	379
Women	34,877	38,410	4,557	5,818	5,493	5,493	13.5	11.9	16.7	14.2	524	584	561	634	507	576	369	407
<b>Black</b>	<b>8,979</b>	<b>10,390</b>	<b>2,440</b>	<b>2,486</b>	<b>2,819</b>	<b>2,543</b>	<b>31.7</b>	<b>27.2</b>	<b>36.1</b>	<b>30.2</b>	<b>283</b>	<b>316</b>	<b>366</b>	<b>415</b>	<b>360</b>	<b>413</b>	<b>244</b>	<b>275</b>
Men	4,477	5,124	1,020	1,040	1,223	1,223	22.7	19.8	27.4	23.3	231	263	292	339	287	335	209	236
Women	4,502	5,266	1,420	1,446	1,596	1,320	30.8	26.4	34.7	36.9	252	253	374	476	373	478	235	239
<b>Hispanic<sup>4</sup></b>	<b>2,445</b>	<b>2,882</b>	<b>1,133</b>	<b>1,339</b>	<b>1,339</b>	<b>1,339</b>	<b>17.8</b>	<b>20.4</b>	<b>20.0</b>	<b>20.0</b>	<b>277</b>	<b>277</b>	<b>277</b>	<b>383</b>	<b>383</b>	<b>379</b>	<b>(NA)</b>	<b>252</b>
Men	1,046	1,245	486	567	567	567	13.9	13.9	16.5	16.5	299	299	299	412	412	409	(NA)	268
Women	1,400	1,637	647	772	772	772	13.9	16.5	13.5	13.5	241	241	241	309	308	308	(NA)	227
Full-time workers	70,976	78,727	16,271	15,689	18,745	17,748	22.9	19.9	26.4	23.5	313	358	388	444	383	439	288	325
Part-time workers	17,314	18,176	1,446	1,277	1,787	1,530	8.4	7.0	10.3	10.3	84	84	84	84	84	84	84	84
Managerial and professional specialty	19,657	22,492	3,954	3,328	4,307	4,213	17.1	14.8	21.9	18.7	437	505	423	502	421	497	446	507
Technical sales, and admin. support	26,024	31,046	3,377	3,340	4,199	4,000	12.1	10.8	15.0	12.9	281	320	350	404	341	397	309	369
Service occupations	12,875	13,609	1,920	2,166	2,166	2,166	15.3	14.1	17.9	15.9	205	223	263	323	263	323	192	261
Precision, production, craft, and repair	10,542	11,455	3,486	3,760	3,488	3,488	32.9	28.5	35.7	31.9	371	304	366	412	304	400	226	256
Operators, fabricators, and laborers	15,416	16,554	5,452	5,012	5,939	5,244	36.2	30.2	36.9	36.9	198	217	292	356	287	350	189	209
Farming, forestry, and fishing	1,775	1,747	99	122	121	121	3.5	3.5	6.9	6.9	198	217	292	356	287	350	189	209
Agricultural wage and salary workers	1,446	1,437	48	34	41	41	3.4	2.5	3.8	2.5	198	217	292	356	287	350	189	209
Private nonagr. wage and salary workers	71,225	79,091	11,933	13,669	12,165	12,165	16.8	14.0	18.8	15.4	307	347	389	442	385	437	288	322
Mining	869	822	180	144	201	158	20.7	17.5	23.1	19.1	481	470	513	513	468	509	468	509
Construction	4,109	4,959	1,131	1,082	1,207	1,158	27.8	22.0	29.4	24.0	348	380	518	590	518	590	461	518
Manufacturing	19,066	20,296	5,303	4,869	5,812	5,231	27.8	24.0	30.5	28.6	335	350	370	511	495	508	346	430
Transportation and public utilities	5,142	5,715	2,182	2,023	2,376	2,192	42.4	39.4	46.2	39.3	252	267	283	364	381	242	272	272
Wholesale and retail trade, total	18,081	19,639	1,968	1,425	1,775	1,954	8.7	7.2	9.6	7.2	252	267	283	364	381	242	272	272
Finance, insurance, and real estate	5,559	6,424	160	166	176	163	7.9	6.3	8.6	7.8	272	310	303	349	303	350	268	306
Services	18,400	21,036	1,410	1,369	1,728	1,640	7.9	6.3	9.6	7.8	272	310	303	349	303	350	268	306
Government	15,618	16,374	5,735	5,888	7,109	7,071	36.7	36.0	45.5	43.2	551	409	396	448	381	442	316	375

<sup>1</sup> Data not shown where base is less than 50,000. <sup>2</sup> NA Not available. <sup>3</sup> Members of a labor union or an employee association similar to a labor union. <sup>4</sup> Members of a labor union or an employee association similar to a labor union or an employee association similar to a labor union as well as workers who report no union affiliation but whose jobs are covered by a union or an employee association contract. <sup>5</sup> Part-time employed wage and salary workers; 1983 revised since originally published. <sup>6</sup> Hispanic persons may be of any race. <sup>7</sup> Source: U.S. Bureau of Labor Statistics, *Employment and Earnings*, January issues.



# 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 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 672.

*National income* is the aggregate of labor and property earnings which arises in the current production of goods and services. It is the sum of employee compensation, proprietors' income, rental income, corporate profits, and net interest. It measures the total factor costs of the goods and services produced by the economy. Income is measured before deduction of taxes on income.

*Capital consumption adjustment* for corporations, nonfarm sole proprietorships and partnerships is the difference between capital consumption claimed on income tax returns and capital consumption allowances that are measured at straightline depreciation, consistent service lives, and replacement cost. The tax return data are valued at historical costs and reflect changes over time in service lives and depreciation patterns as permitted by tax regulations. *Inventory valuation adjustment* represents the difference between the book value of inventories used up in production and the cost of replacing them.

*Personal income* is the current income received by persons from all sources minus their personal contributions for social insurance. Classified as "persons" are individuals (including owners of unincorporated firms), nonprofit institutions serving individuals, private trust funds, and private noninsured welfare funds. Personal income includes transfers (payments not resulting from current production) from government and business such as Social Security benefits, public assistance, etc., but excludes transfers among persons. Also included are certain nonmonetary types of income—chiefly, estimated net rental value to owner-occupants of their homes and the value of services

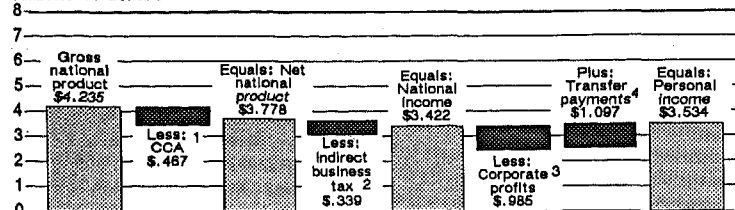
furnished without payment by financial intermediaries and food and fuel produced and consumed on farms.

*Disposable personal income* is personal income less personal tax and nontax payments. It is the income available to persons for spending and saving. Personal tax and nontax payments are tax payments (net of refunds) by persons (except personal contributions for social insurance) that are not chargeable to business expense, and certain personal payments to general government that are treated like taxes. Personal taxes include income, estate and gift, and personal property taxes and motor vehicle licenses. Nontax payments include passport fees, fines and penalties, donations, and tuitions and fees paid to schools and hospitals operated mainly by government.

Figure 14.1

## Relation of GNP, National Income, and Personal Income: 1986

Trillions of dollars



<sup>1</sup> Capital consumption allowance. <sup>2</sup> Also less: Current surplus of government enterprises plus subsidies.

<sup>3</sup> Also less net interest and contributions for social insurance.

<sup>4</sup> Also plus personal interest and personal dividend income.

Source: Chart prepared by U.S. Bureau of the Census. For data see table 672.

**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 sam-

ples 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 non-cash 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 416 shows the average thresholds used for selected years between 1970 and 1986. See *Current Population Reports*, series P-60, Nos. 138, 149, 152, and 157 for more details.

WEIGHTED AVERAGE POVERTY LEVELS BASED ON MONEY INCOME FOR FAMILIES AND UNRELATED INDIVIDUALS: 1970 TO 1986

SIZE OF UNIT	1970 <sup>1</sup>	1975 <sup>1</sup>	1979 <sup>1</sup>	1980 <sup>1</sup>	1981	1982	1983	1984	1985	1986
1 person (unrelated individual).....	\$1,954	\$2,724	\$3,689	\$4,190	\$4,620	\$4,901	\$5,061	\$5,278	\$5,469	\$5,572
Under 65 years.....	2,010	2,797	3,779	4,290	4,728	5,019	5,180	5,400	5,593	5,701
65 years and over.....	1,861	2,581	3,479	3,949	4,359	4,626	4,775	4,979	5,156	5,255
2 persons.....	2,825	3,506	4,725	5,363	5,917	6,281	6,483	6,762	6,998	7,138
Householder under 65 years.....	2,604	3,617	4,878	5,537	6,111	6,487	6,697	6,963	7,231	7,372
over.....	2,348	3,257	4,390	4,993	5,498	5,836	6,023	6,282	6,503	6,630
3 persons.....	3,099	4,293	5,784	6,565	7,250	7,893	7,938	8,277	8,573	8,737
4 persons.....	3,968	5,500	7,412	8,414	9,287	9,862	10,178	10,609	10,989	11,203
5 persons.....	4,680	6,499	8,775	9,986	11,007	11,684	12,049	12,566	13,007	13,259
6 persons.....	5,260	7,316	9,914	11,269	12,449	13,207	13,630	14,207	14,696	14,986
7 or more persons.....	6,468	9,022	12,280	13,955	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
7 persons.....	(NA)	(NA)	(NA)	(NA)	14,110	15,036	15,500	16,096	16,656	17,049
8 persons.....	(NA)	(NA)	(NA)	(NA)	15,655	16,719	17,170	17,961	18,512	18,791
9 or more persons.....	(NA)	(NA)	(NA)	(NA)	18,572	19,698	20,310	21,247	22,083	22,497

NA Not available. <sup>1</sup> Poverty levels for nonfarm families.

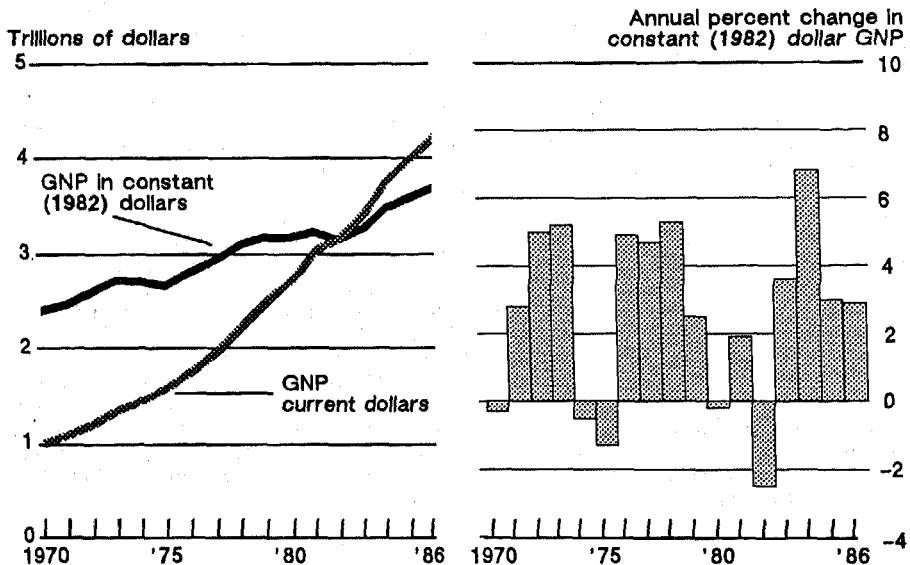
**Personal wealth.**—Personal wealth estimates, issued by the IRS, are based on a sample of Federal estate tax returns which must be filed for deceased persons. Estimates are weighted to adjust for age, sex, and "social class" (as determined by IRS through insurance holdings). Gross estate is the gross value of all assets, including the full face value of life insurance (reduced by policy loans), before reduction by the amount of debts. The level of gross estate or gross assets required for filing estate tax returns increased from \$60,000 which defined top wealthholders in 1972, to \$120,000 for 1976. Net worth is one's level of worth after all debts have been removed.

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

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

**Statistics for States and metropolitan statistical areas (MSAs).**—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986*. For cross-references, see Appendix V.

Figure 14.2  
Gross National Product (GNP): 1970 to 1986



## NO. 668. GNP IN CURRENT AND CONSTANT (1982) DOLLARS: 1970 TO 1986

[In billions of dollars, except as indicated]

ITEM	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
CURRENT DOLLARS										
Gross national product (GNP).....	1,016	1,598	2,508	2,732	3,053	3,166	3,406	3,772	4,010	4,235
Personal consumption expenditures.....	640	1,013	1,567	1,733	1,915	2,051	2,235	2,431	2,629	2,800
Durable goods.....	86	135	219	219	240	253	289	336	369	402
Nondurable goods.....	270	416	613	661	741	771	817	867	913	939
Services.....	284	461	735	832	935	1,027	1,129	1,229	1,348	1,458
Gross private domestic investment.....	149	220	455	437	516	447	502	665	642	671
Fixed investment.....	146	225	442	445	492	472	509	597	632	655
Nonresidential.....	105	163	303	323	369	367	357	416	443	437
Residential.....	41	62	139	123	122	105	153	181	189	218
Change in business inventories.....	3	-6	13	-3	24	-7	-7	68	10	16
Net exports.....	9	31	19	32	34	26	-6	-59	-79	-106
Exports goods and services.....	69	161	261	351	383	362	353	384	370	376
Imports goods and services.....	61	130	273	319	349	336	359	442	449	482
Government purchases <sup>1</sup> .....	218	335	468	530	588	642	675	736	819	870
Federal.....	99	129	178	208	242	273	284	311	354	366
National defense.....	77	90	122	143	168	194	214	234	259	278
State and local.....	119	206	290	322	346	369	392	425	465	504
CONSTANT (1982) DOLLARS										
Gross national product (GNP).....	2,416	2,695	3,192	3,187	3,249	3,166	3,279	3,501	3,608	3,713
Personal consumption expenditures.....	1,492	1,712	2,004	2,000	2,024	2,051	2,146	2,249	2,353	2,451
Durable goods.....	163	206	267	246	251	253	283	323	353	384
Nondurable goods.....	639	677	767	763	764	771	800	826	850	877
Services.....	697	830	971	992	1,009	1,027	1,063	1,100	1,150	1,190
Gross private domestic investment.....	382	383	575	509	546	447	504	658	636	654
Fixed investment.....	373	395	580	516	522	472	510	596	629	640
Nonresidential.....	264	291	389	379	395	367	361	425	454	444
Residential.....	109	115	171	137	127	105	149	171	175	196
Change in business inventories.....	8	-13	15	-7	24	-25	-6	62	7	14
Net exports.....	-30	19	4	57	49	26	-20	-84	-108	-146
Exports goods and services.....	178	260	357	389	393	362	348	372	365	377
Imports goods and services.....	208	241	353	332	343	336	368	456	474	523
Government purchases <sup>1</sup> .....	573	581	609	621	630	642	649	678	727	755
Federal.....	266	226	236	247	260	273	275	291	324	333
National defense.....	(NA)	161	164	171	180	194	207	219	237	251
State and local.....	304	355	373	374	370	369	374	387	403	422

NA Not available. <sup>1</sup> Purchases of goods and services.Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-82*, and *Survey of Current Business*, July 1987 issue.

## NO. 669. GNP COMPONENTS—ANNUAL GROWTH RATES: 1965 TO 1986

[Percent. Represents changes in constant 1982 dollar GNP. GNP = Gross national product. Minus sign ( - ) indicates decrease]

PERIOD	GNP	PERSONAL CONSUMPTION EXPENDITURES				GROSS PRIVATE DOMESTIC INVESTMENT			GOVERNMENT PURCHASES		Imports	Exports
		Total	Durable goods	Non-durable goods	Services	Total <sup>1</sup>	Fixed investment		Federal	State and local		
							Residential	Non-residential				
1965-1970.....	5.0	3.8	3.8	3.1	4.5	.8	-8	3.0	1.9	4.6	9.1	6.2
1970-1971.....	2.8	3.1	9.7	1.2	3.3	9.9	29.3	-2.1	-6.6	3.8	5.1	.5
1971-1972.....	5.0	5.4	12.4	3.9	5.0	11.0	17.9	7.2	-1.8	2.8	11.7	6.9
1972-1973.....	5.2	4.2	9.9	2.7	4.0	11.9	-1.9	14.5	-6.5	3.3	11.9	24.1
1973-1974.....	-5	-9	-7.0	-2.5	2.2	-7.8	-20.3	-2.6	-1.6	3.4	-2.0	11.1
1974-1975.....	-1.3	2.3	.3	1.6	3.3	-20.4	-11.8	-11.5	2.2	2.2	-10.3	-5.7
1975-1976.....	4.9	5.4	13.0	4.8	4.0	18.3	22.5	3.3	-9	4	16.5	2.6
1976-1977.....	4.7	4.4	9.3	3.2	4.1	15.0	19.4	11.5	3.4	3	11.1	7.0
1977-1978.....	5.3	4.1	5.3	3.0	4.6	10.7	5.9	11.8	.8	3.7	7.0	11.0
1978-1979.....	2.5	2.2	-3	1.7	3.3	-3	-4.0	7.5	1.1	7	4.1	14.1
1979-1980.....	-2	-2	-7.7	-2	2.1	-11.5	-19.8	-2.6	4.5	-2	-6.0	9.0
1980-1981.....	1.9	1.2	2.0	-2	1.7	7.1	-7	4.2	5.1	-9	3.4	1.0
1981-1982.....	-2.5	1.3	.8	.9	1.8	-18.0	-16.9	-7.2	5.0	-3	-2.3	-7.8
1982-1983.....	3.6	4.6	12.0	3.8	3.5	12.7	42.1	-1.5	.9	1.3	9.7	-9.8
1983-1984.....	6.8	4.8	14.1	3.2	3.5	30.6	14.5	17.7	5.7	3.5	23.8	6.8
1984-1985.....	3.0	4.6	9.2	2.9	4.6	-3.4	2.2	6.8	11.5	4.1	3.9	-1.7
1985-1986.....	2.9	4.2	6.7	3.3	3.4	2.8	12.5	-2.3	2.6	4.8	10.5	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 1987 issue.

## No. 670. GROSS NATIONAL PRODUCT, BY INDUSTRY: 1980 TO 1986

[In billions of dollars. 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								
	1980	1983	1984	1985	1986	Percent change			
						1980-1983	1983-1984	1984-1985	1985-1986
Gross national product.....	2,732.0	3,405.7	3,772.2	4,010.3	4,235.0	7.6	10.8	6.3	5.6
Domestic industries.....	2,644.4	3,355.9	3,724.6	3,970.5	4,201.3	7.7	11.0	6.6	5.8
Private industries.....	2,357.3	2,940.2	3,278.9	3,498.8	3,698.6	7.6	11.5	6.8	5.7
Agriculture, forestry, fisheries.....	77.2	74.3	92.9	90.6	93.0	-1.3	25.0	-2.5	2.6
Farms.....	65.5	59.3	77.6	75.1	76.0	-3.3	30.9	-3.2	1.7
Mining.....	107.3	118.4	119.4	118.2	95.3	3.3	.8	-1.0	-19.4
Construction.....	137.7	149.6	171.5	184.4	197.9	2.8	14.6	7.5	7.3
Manufacturing <sup>1</sup> .....	581.0	683.2	771.9	799.3	824.3	5.5	13.0	3.5	3.1
Durable goods <sup>2</sup> .....	351.8	385.6	451.1	469.9	478.5	3.1	17.0	4.2	1.8
Lumber and wood products.....	18.7	20.5	22.8	22.7	24.8	3.1	11.2	-4	9.3
Furniture and fixtures.....	8.6	10.6	12.4	12.9	13.4	7.2	17.0	4.0	3.9
Stone clay and glass products.....	19.0	20.2	22.9	24.2	25.3	2.1	13.4	5.7	4.5
Primary metal industries.....	44.3	30.3	36.3	34.8	34.8	-11.9	19.8	-4.1	-
Fabricated metal products.....	46.0	47.6	55.1	56.5	58.9	1.1	15.8	2.5	.7
Machinery, except electrical.....	76.9	75.3	85.4	88.2	85.9	-7	13.4	3.3	-2.6
Electric and electronic equipment.....	55.0	67.7	79.9	86.8	88.2	7.2	16.0	6.6	1.6
Motor vehicles and equipment.....	26.7	39.0	49.6	50.5	49.5	13.5	27.2	1.9	-2.0
Other transportation equipment.....	28.2	40.1	46.0	49.7	54.3	12.5	14.7	8.0	9.3
Instruments and related products.....	18.0	23.8	26.9	28.7	31.4	7.8	13.0	10.4	5.7
Non-durable goods.....	229.2	297.6	320.8	329.3	345.9	9.1	7.8	2.6	5.0
Food and kindred products.....	52.2	64.7	66.6	69.8	71.1	7.4	2.9	4.8	1.9
Tobacco manufactures.....	7.3	11.9	12.8	12.5	12.7	17.7	7.6	-2.3	1.6
Textile mill products.....	15.0	16.9	17.4	16.8	16.5	4.1	3.0	-3.4	10.1
Apparel and other textile products.....	17.1	20.3	20.7	20.3	20.7	5.9	2.0	-1.9	2.0
Paper and allied products.....	23.1	27.8	31.9	33.1	35.0	6.4	14.7	3.8	5.7
Printing and publishing.....	31.6	42.4	47.6	52.0	54.4	10.3	12.3	9.2	4.6
Chemicals and allied products.....	45.5	59.6	62.0	61.1	64.4	9.4	4.0	-1.5	5.4
Petroleum and coal products.....	16.8	28.3	33.7	35.2	38.9	19.0	19.1	4.5	10.5
Rubber and misc. plastics products.....	16.8	21.9	24.4	25.2	27.1	9.2	11.4	3.3	7.5
Leather and leather products.....	3.9	3.8	3.6	3.4	3.0	-9	-5.3	-5.6	-11.8
Transportation public utilities.....	240.8	320.0	354.4	376.2	391.4	9.9	10.7	6.2	4.0
Transportation.....	105.8	120.5	133.5	140.5	144.1	4.4	10.8	5.2	2.6
Railroad transportation.....	20.8	20.1	22.4	21.7	21.8	-1.1	11.4	-3.1	-5
Local and interurban passenger transit.....	5.4	6.6	7.2	8.0	8.0	6.9	9.1	11.1	3.0
Trucking and warehousing.....	44.0	49.9	56.2	59.1	60.9	4.3	12.6	5.2	1.6
Water transportation.....	7.1	7.5	7.8	8.2	8.1	8.2	4.0	5.1	-1.2
Air transportation.....	16.1	22.9	26.1	28.1	29.9	8.2	14.0	7.7	6.0
Pipelines, except natural gas.....	5.8	5.1	4.5	5.2	4.9	-2.8	-11.8	15.6	-5.8
Transportation services.....	4.7	8.3	8.9	10.3	10.9	12.7	12.0	10.8	5.8
Communications.....	66.6	96.0	102.2	109.3	115.3	13.0	6.5	6.9	5.5
Telephone and telegraph.....	60.2	86.8	91.1	97.3	102.6	13.0	5.0	6.8	5.4
Radio and TV broadcasting.....	6.3	9.2	11.1	11.9	12.7	13.5	20.7	7.2	6.7
Electric, gas, and sanitary services.....	68.4	103.5	118.7	126.5	132.0	14.8	14.7	6.6	4.3
Wholesale trade.....	193.9	228.5	263.1	281.5	294.6	5.3	16.2	7.0	4.7
Retail trade.....	245.0	316.4	350.8	382.2	407.9	8.9	10.9	9.0	6.7
Finance, insurance, and real estate.....	400.6	536.4	572.8	622.8	695.0	10.2	6.8	8.7	11.6
Banking.....	51.1	68.1	70.6	86.9	89.0	10.0	3.7	-2.4	.7
Credit agencies other than banks.....	5.5	10.6	9.8	12.5	14.6	24.4	-7.5	27.6	16.8
Security, commodity, brokers services.....	9.7	20.7	19.7	25.1	32.9	28.7	-4.8	27.4	31.1
Insurance carriers.....	37.0	36.5	34.9	38.8	53.6	-6	-4.4	11.2	38.1
Insurance agents brokers services.....	14.4	17.6	20.1	22.5	25.7	8.9	14.2	11.9	14.2
Real estate.....	261.5	374.2	409.1	441.3	483.2	10.0	9.3	7.9	9.5
Holding, other investment companies.....	1.3	8.7	8.5	13.6	15.8	88.4	-2.3	60.0	16.2
Services.....	374.0	515.5	580.2	643.7	700.2	11.3	12.6	10.9	8.8
Hotels and other lodging places.....	18.0	24.3	27.0	29.5	31.9	8.7	11.1	9.3	8.1
Personal services.....	18.8	25.1	25.0	29.1	31.1	7.1	8.2	16.4	6.9
Business services.....	68.8	104.8	125.3	146.3	162.8	15.1	19.6	16.8	11.3
Auto repair, services, garages.....	21.1	26.1	29.2	32.1	34.3	7.3	11.9	9.9	6.9
Motion pictures.....	5.0	6.6	7.3	8.2	8.5	9.7	10.6	12.3	3.7
Amusement, recreation services.....	12.4	16.8	17.8	20.2	21.4	10.7	6.0	13.5	5.9
Health services.....	108.1	158.1	169.0	183.6	198.6	13.0	8.3	8.6	8.2
Legal services.....	23.3	35.0	41.6	46.3	52.3	14.5	18.9	11.3	13.0
Educational services.....	16.0	21.0	23.5	25.2	26.7	9.5	11.9	7.2	6.0
Social services, membership.....	26.3	32.8	35.7	37.9	40.5	7.6	6.8	6.2	6.9
Misc <sup>1</sup> . professional services.....	39.6	49.9	56.9	64.1	70.1	8.0	14.0	12.7	9.4
Private households.....	6.6	8.2	8.9	9.0	9.3	7.5	8.5	1.1	3.3
Government and govt. enterprises.....	322.1	410.5	442.5	477.4	506.6	8.4	7.8	7.9	8.1
Federal.....	114.7	148.3	180.0	171.1	175.6	8.9	7.9	6.9	2.6
State and local.....	207.4	262.2	262.5	306.3	331.1	8.1	7.7	6.4	8.1
Statistical discrepancy.....	4.8	5.2	5.4	-5.6	-4.9	2.0	(NS)	(NS)	(NS)
Rest of the world.....	47.6	49.9	47.4	39.8	33.7	1.8	-5.0	-16.0	-15.3

See footnotes at end of table.



No. 670 GROSS NATIONAL PRODUCT, BY INDUSTRY: 1980 TO 1986—Continued

(In billions of dollars. 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	CONSTANT (1982) DOLLARS					Percent change			
	1980	1983	1984	1985	1986	1980-1983	1983-1984	1984-1985	1985-1986
	<b>Gross national product <sup>2</sup></b> .....	<b>3,187.1</b>	<b>3,279.1</b>	<b>3,501.4</b>	<b>3,607.5</b>	<b>3,713.3</b>	<b>1.0</b>	<b>6.8</b>	<b>3.0</b>
<b>Domestic industries</b> .....	<b>3,131.7</b>	<b>3,231.2</b>	<b>3,457.5</b>	<b>3,571.5</b>	<b>3,683.5</b>	<b>1.0</b>	<b>7.0</b>	<b>3.3</b>	<b>3.1</b>
<b>Private industries</b> .....	<b>2,739.5</b>	<b>2,828.2</b>	<b>3,052.3</b>	<b>3,180.7</b>	<b>3,288.1</b>	<b>1.1</b>	<b>7.9</b>	<b>4.2</b>	<b>3.4</b>
Agriculture forestry fisheries.....	76.2	74.5	82.2	83.6	100.4	-7	10.3	13.9	7.3
Farms.....	64.2	61.3	68.5	78.9	84.7	-1.5	11.7	15.2	7.4
Mining.....	135.6	125.4	133.0	130.6	118.1	-2.6	6.1	-1.8	-8.6
Construction.....	161.6	147.3	159.2	164.2	168.3	-3.0	8.1	3.1	2.5
<b>Manufacturing <sup>1</sup></b> .....	<b>665.4</b>	<b>675.5</b>	<b>757.9</b>	<b>790.3</b>	<b>812.2</b>	<b>.5</b>	<b>12.2</b>	<b>4.3</b>	<b>2.8</b>
<b>Durable goods</b> .....	<b>401.5</b>	<b>390.4</b>	<b>466.8</b>	<b>501.4</b>	<b>517.7</b>	<b>-4.7</b>	<b>16.0</b>	<b>7.4</b>	<b>5.4</b>
Lumber and wood products.....	20.4	18.1	23.4	22.5	21.6	-3.9	12.7	.5	-1.7
Furniture and fixtures.....	10.2	10.4	11.8	11.6	11.4	.6	13.5	-1.7	-1.7
Stone clay and glass products.....	21.1	19.7	21.8	22.2	22.2	-2.3	9.6	2.8	(2)
Primary metal industries.....	48.4	30.0	34.7	34.1	35.0	-13.5	15.7	-1.7	(2)
Fabricated metal products.....	52.5	48.9	55.8	55.8	54.8	-2.3	14.1	(2)	-1.8
Machinery, except electrical.....	84.6	86.9	114.8	137.5	150.8	.9	32.1	19.8	9.7
Electric electronic equipment.....	62.7	66.2	77.3	83.8	85.0	1.8	16.8	8.4	1.4
Motor vehicles and equipment.....	33.7	38.5	47.9	47.7	44.5	4.5	24.4	-4	-6.7
Other transportation equipment.....	38.1	36.6	42.6	45.4	48.5	.4	10.4	6.6	6.8
Instruments and related products.....	21.8	23.2	25.4	28.3	29.7	2.1	9.5	11.4	4.9
<b>Nondurable goods</b> .....	<b>263.9</b>	<b>285.1</b>	<b>291.1</b>	<b>288.9</b>	<b>294.4</b>	<b>2.6</b>	<b>2.1</b>	<b>-8</b>	<b>1.9</b>
Food and kindred products.....	56.7	62.0	60.8	62.9	62.6	3.0	-1.9	3.5	-5
Tobacco manufactures.....	9.5	8.9	8.7	7.3	7.0	-2.2	-2.2	-16.1	-4.1
Textile mill products.....	16.1	16.6	16.7	15.8	16.9	1.0	.6	-5.4	7.0
Apparel and other textile products.....	20.1	19.8	20.4	19.6	19.5	-5	3.0	-3.9	-5
Paper and allied products.....	24.6	28.7	30.2	30.6	31.3	5.3	5.2	1.3	2.3
Printing and publishing.....	36.9	39.9	41.3	42.6	42.3	2.6	3.5	3.1	.7
Chemicals and allied products.....	50.1	59.6	60.0	56.4	59.4	8.0	.7	-5.0	8.0
Petroleum and coal products.....	26.7	24.0	25.2	24.9	26.4	-3.5	4.2	-4	5.3
Rubber and misc. plastics products.....	18.9	21.7	24.3	25.2	28.0	4.7	12.0	3.7	3.2
Leather and leather products.....	4.3	3.8	3.8	3.7	3.0	4.0	(2)	-2.6	-18.9
<b>Transportation public utilities</b> .....	<b>293.4</b>	<b>300.8</b>	<b>320.4</b>	<b>325.0</b>	<b>328.3</b>	<b>.8</b>	<b>6.5</b>	<b>1.4</b>	<b>1.0</b>
<b>Transportation</b> .....	<b>129.5</b>	<b>113.7</b>	<b>123.7</b>	<b>125.0</b>	<b>129.2</b>	<b>-4.2</b>	<b>8.8</b>	<b>1.1</b>	<b>3.4</b>
Railroad transportation.....	27.2	19.1	20.2	19.8	19.7	-11.1	5.8	-2.0	-5
Local and interurban passenger transit.....	7.0	5.8	6.1	6.3	6.3	-6.1	5.2	3.3	(2)
Trucking and warehousing.....	51.5	48.6	53.4	52.4	54.2	-1.9	9.9	-1.9	3.4
Water transportation.....	8.3	7.5	7.8	7.8	7.8	-3.3	4.0	(2)	(2)
Air transportation.....	23.1	19.6	22.1	23.7	25.7	-5.3	12.8	7.2	8.4
Pipelines, except natural gas.....	5.1	4.9	5.0	4.9	5.1	-1.3	2.0	-2.0	4.1
Transportation services.....	7.2	8.3	9.2	10.0	10.3	4.9	10.8	8.7	3.0
<b>Communications</b> .....	<b>78.4</b>	<b>92.1</b>	<b>92.9</b>	<b>94.3</b>	<b>95.3</b>	<b>5.5</b>	<b>.9</b>	<b>1.5</b>	<b>1.1</b>
Telephone and telegraph.....	71.1	83.2	83.0	84.3	85.2	5.4	-2	1.6	1.1
Radio and TV broadcasting.....	7.3	8.9	9.9	10.0	10.1	6.8	11.2	1.0	1.0
<b>Electric, gas, and sanitary services</b> .....	<b>85.5</b>	<b>95.0</b>	<b>103.8</b>	<b>105.8</b>	<b>103.9</b>	<b>3.6</b>	<b>9.3</b>	<b>1.9</b>	<b>-1.6</b>
<b>Wholesale trade</b> .....	<b>213.5</b>	<b>222.0</b>	<b>250.6</b>	<b>268.9</b>	<b>292.4</b>	<b>1.3</b>	<b>12.9</b>	<b>7.3</b>	<b>5.0</b>
<b>Retail trade</b> .....	<b>286.9</b>	<b>307.0</b>	<b>328.3</b>	<b>343.3</b>	<b>362.2</b>	<b>2.3</b>	<b>6.9</b>	<b>4.6</b>	<b>5.5</b>
<b>Finance, insurance, and real estate</b> .....	<b>484.3</b>	<b>489.0</b>	<b>506.6</b>	<b>523.6</b>	<b>551.3</b>	<b>1.7</b>	<b>3.6</b>	<b>3.4</b>	<b>5.3</b>
Banking.....	56.7	60.5	61.0	61.9	63.0	2.2	.8	1.5	1.8
Credit agencies other than banks.....	5.2	6.0	6.6	7.0	7.7	4.9	10.0	6.1	10.0
Security, commodity, brokers services.....	10.7	14.9	16.1	16.9	18.6	11.7	8.1	5.0	10.1
Insurance carriers.....	28.6	30.1	31.5	33.6	37.7	1.7	4.7	6.7	12.2
Insurance agents brokers services.....	17.3	17.4	17.9	19.6	21.6	.2	2.9	9.5	10.2
Real estate.....	339.6	352.7	365.3	375.6	393.1	1.3	3.6	2.8	4.7
Holding, other investment companies.....	6.3	7.4	8.2	8.9	9.7	5.5	10.8	8.5	9.0
<b>Services <sup>1</sup></b> .....	<b>442.6</b>	<b>486.6</b>	<b>514.0</b>	<b>541.3</b>	<b>564.9</b>	<b>3.2</b>	<b>5.6</b>	<b>5.3</b>	<b>4.4</b>
Hotels and other lodging places.....	22.6	22.5	22.9	23.2	22.9	-1	1.8	1.3	-1.3
Personal services.....	22.2	21.8	22.4	24.6	25.6	-6	2.8	9.8	4.1
Business services.....	84.0	100.0	111.0	120.7	128.8	6.0	11.0	8.7	7.5
Auto repair, services, garages.....	24.4	25.2	27.3	29.2	30.1	1.1	8.3	7.0	3.1
Motion pictures.....	5.7	6.2	6.3	6.7	6.9	2.8	1.6	6.3	3.0
Amusement, recreation services.....	13.7	16.1	16.4	18.0	18.2	5.5	1.9	9.8	1.1
Health services.....	129.4	146.7	153.1	158.9	166.0	4.3	4.4	3.6	4.5
Legal services.....	28.9	31.6	32.8	35.0	36.9	3.0	3.0	3.8	6.7
Educational services.....	16.1	18.8	20.6	21.2	21.4	3.0	4.0	2.9	.9
Social services, membership organizatio.....	30.2	31.1	32.3	32.9	34.2	1.0	3.9	1.9	4.0
Misc'l. professional services.....	47.1	47.7	49.9	51.8	53.7	.4	4.6	3.8	3.7
Private households.....	7.4	8.1	8.8	8.8	9.0	3.1	6.6	(2)	2.3
Government and govt. enterprises.....	382.7	387.4	392.1	399.0	405.4	.4	1.2	1.8	1.6
Federal.....	138.3	141.9	144.1	146.8	148.3	.9	1.6	1.9	1.0
State and local.....	244.4	245.5	248.1	252.3	257.1	.1	1.1	1.7	1.9
Statistical discrepancy.....	6.9	5.0	5.0	-5.1	-4.3	-5.4	(NS)	(NS)	(NS)
Rest of the world.....	55.5	47.9	43.9	36.0	29.8	-4.8	-8.4	-18.0	-17.2

- Represents zero. NS Not significant. Z Less than .5 percent. <sup>1</sup> Includes items not shown separately. <sup>2</sup> Includes residual 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 1987 issue.

## NO. 671. GROSS NATIONAL PRODUCT—SUMMARY: 1929 TO 1986

[In billions of dollars. Prior to 1960, excludes Alaska and Hawaii. Minus sign (-) indicates decrease]

YEAR	Gross national product	Personal consumption expenditures	Gross private domestic investment	Net exports of goods and services	Govt. purchases, goods and services	BY MAJOR TYPE OF PRODUCT			BY SECTOR			
						Goods	Services	Structures	Business	Households and institutions	Government	Rest of the world
1929.....	103.9	77.3	16.7	1.1	8.9	56.1	35.9	11.9	96.0	2.9	4.4	.8
1933.....	56.0	45.8	1.6	.4	8.3	27.0	25.9	3.1	49.3	1.7	4.7	.3
1940.....	100.4	71.0	13.4	1.8	14.2	56.0	35.8	8.6	89.8	2.4	7.8	.4
1945.....	213.4	119.6	11.3	-5	83.0	128.9	77.3	7.2	173.5	4.1	35.3	.4
1950.....	288.3	192.1	55.1	2.2	38.8	162.4	89.0	36.9	259.0	6.5	21.2	1.5
1955.....	405.9	257.9	69.7	3.0	75.3	216.3	138.5	51.1	359.4	9.1	34.8	2.6
1960.....	515.3	330.7	78.2	5.9	100.6	257.2	197.4	60.7	449.9	13.9	48.1	3.5
1965.....	705.1	440.7	116.2	9.7	138.6	342.9	280.5	81.7	610.7	19.3	69.3	5.8
1970.....	1,015.5	640.0	148.8	8.5	218.2	467.8	441.1	106.5	856.3	32.4	119.5	7.3
1975.....	1,598.4	1,012.8	219.6	31.1	335.0	714.7	725.2	158.5	1,341.2	52.0	187.7	17.5
1976.....	1,782.8	1,129.3	277.7	18.8	356.9	798.9	803.5	180.4	1,500.7	57.1	203.8	21.1
1977.....	1,990.5	1,257.2	344.1	1.9	387.3	882.0	895.9	212.6	1,682.1	62.4	220.5	25.4
1978.....	2,249.7	1,403.5	416.8	4.1	425.2	991.4	1,003.0	255.3	1,908.4	70.2	240.5	30.5
1979.....	2,508.2	1,566.8	454.8	18.8	467.8	1,099.1	1,121.9	287.1	2,125.3	78.6	260.4	43.8
1980.....	2,732.0	1,732.6	437.0	32.1	530.3	1,174.9	1,265.0	292.0	2,306.8	89.3	298.3	47.6
1981.....	3,052.6	1,915.1	515.5	33.9	588.1	1,322.9	1,415.4	314.4	2,582.8	101.0	316.7	52.1
1982.....	3,166.0	2,050.7	447.3	26.3	641.7	1,319.1	1,547.5	299.4	2,858.2	112.7	343.9	51.2
1983.....	3,405.7	2,234.5	502.3	-6.1	675.0	1,396.1	1,692.5	327.1	2,866.6	122.9	366.4	49.9
1984.....	3,772.2	2,430.5	664.8	-58.9	735.9	1,581.4	1,813.9	377.0	3,201.5	132.7	390.6	47.4
1985.....	4,010.3	2,629.4	641.8	-79.2	818.6	1,637.9	1,968.3	403.1	3,409.5	142.2	418.8	39.8
1986.....	4,235.0	2,799.8	671.0	-105.5	869.7	1,693.8	2,116.2	425.1	3,605.2	152.2	443.9	33.7

## NO. 672. RELATION OF GNP, NATIONAL INCOME, PERSONAL INCOME, DISPOSABLE PERSONAL INCOME AND PERSONAL SAVING : 1970 TO 1986

[In billions of dollars. For definitions, see text, section 14]

ITEM	1970	1975	1980	1981	1982	1983	1984	1985	1986
Gross national product.....	1,015.5	1,598.4	2,732.0	3,052.8	3,166.0	3,405.7	3,772.2	4,010.3	4,235.0
Less: Capital consumption allowances <sup>1</sup> .....	88.8	161.8	303.8	347.8	383.2	396.6	415.5	437.6	456.7
Equals: Net national product <sup>2</sup> .....	926.6	1,436.6	2,428.1	2,704.8	2,782.8	3,009.1	3,356.8	3,572.7	3,778.4
Less: Indirect business tax and nonfat liability.....	94.0	140.0	213.3	251.5	258.8	282.6	313.9	333.2	347.7
Plus: Subsidies <sup>3</sup> .....	2.9	2.4	5.7	6.7	8.7	14.1	9.9	6.3	8.7
Equals: National income <sup>2</sup> .....	832.6	1,289.1	2,203.5	2,443.5	2,518.4	2,719.5	3,028.8	3,229.9	3,422.0
Less: Corporate profits <sup>4</sup> .....	74.7	117.6	177.2	188.0	150.0	177.2	268.9	277.6	284.4
Net interest.....	41.2	83.8	200.9	248.1	272.3	281.0	304.8	315.3	326.1
Contributions for social insurance.....	62.2	118.5	216.5	251.2	269.6	291.0	324.9	352.7	374.3
Plus: Government transfer payments to persons.....	81.8	185.7	312.6	355.7	396.2	426.6	437.9	468.2	496.0
Personal interest income.....	69.3	122.5	271.9	335.4	369.7	393.1	444.7	476.5	497.6
Personal dividend income.....	22.2	28.7	52.9	61.3	63.9	68.7	75.5	76.3	81.2
Business transfer payments.....	4.1	7.4	12.1	12.4	14.3	16.0	18.7	21.6	22.3
Equals: Personal income.....	831.8	1,313.4	2,256.5	2,520.9	2,670.8	2,838.6	3,108.7	3,327.0	3,534.3
Less: Personal tax and nontax payment.....	116.2	170.6	340.5	393.3	409.3	410.5	440.2	485.9	512.2
Equals: Disposable personal income.....	715.6	1,142.8	1,916.0	2,127.6	2,261.4	2,428.1	2,668.6	2,841.1	3,022.1
Less: Personal outlays.....	657.9	1,038.2	1,781.1	1,968.1	2,107.5	2,297.4	2,504.5	2,714.1	2,891.5
Equals: Personal saving.....	57.7	104.6	136.9	159.4	153.9	130.8	164.1	127.1	130.6

<sup>1</sup> With capital consumption adjustment. <sup>2</sup> Includes items not shown separately. <sup>3</sup> Less current surplus of government enterprises. <sup>4</sup> With inventory valuation and capital consumption adjustments.

## NO. 673. PER CAPITA INCOME AND PRODUCT FOR SELECTED ITEMS: 1970 TO 1986

[Based on Bureau of the Census estimated population including Armed Forces abroad; based on quarterly averages]

ITEM	1970	1975	1980	1981	1982	1983	1984	1985	1986
CURRENT DOLLARS									
Gross national product.....	4,951	7,401	11,995	13,262	13,614	14,503	15,913	16,757	17,528
Personal income.....	4,056	6,081	9,916	10,952	11,488	12,088	13,114	13,902	14,628
Disposable personal income.....	3,489	5,201	8,421	9,243	9,724	10,340	11,257	11,872	12,508
Personal consumption expenditures.....	3,121	4,689	7,607	8,320	8,818	9,516	10,253	10,967	11,588
CONSTANT(1982) DOLLARS									
Gross national product.....	11,781	12,478	13,994	14,114	13,614	13,964	14,771	15,074	15,368
Disposable personal income.....	8,134	8,944	9,722	9,769	9,725	9,930	10,419	10,622	10,947
Personal consumption expenditures.....	7,275	7,926	8,783	8,794	8,818	9,139	9,469	9,830	10,142

Source of tables 671-673: U.S. Bureau of Economic Analysis, *The National Income and Products Accounts of the United States, 1929-82*, and *Survey of Current Business*, July 1987 issue.

## NO. 674. NATIONAL INCOME, BY TYPE OF INCOME: 1970 TO 1986

[In billions of dollars. Prior to 1960, excludes Alaska and Hawaii]

TYPE OF INCOME	1970	1975	1980	1981	1982	1983	1984	1985	1986
<b>National income</b> .....	<b>832.6</b>	<b>1,289.1</b>	<b>2,203.5</b>	<b>2,443.5</b>	<b>2,518.4</b>	<b>2,719.5</b>	<b>3,028.6</b>	<b>3,229.9</b>	<b>3,422.0</b>
Compensation of employees.....	618.3	948.7	1,638.2	1,807.4	1,907.0	2,020.7	2,213.9	2,370.8	2,504.9
Wages and salaries.....	551.5	814.7	1,372.0	1,510.4	1,586.1	1,676.2	1,838.8	1,974.7	2,089.1
Government and government enterprises.....	117.1	176.1	260.1	284.4	305.9	323.9	346.3	372.1	394.8
Private.....	434.3	638.6	1,111.8	1,225.9	1,280.2	1,352.3	1,492.5	1,602.6	1,694.3
Supplements to wages salaries.....	66.8	134.0	266.3	297.1	320.9	344.5	375.1	396.1	415.8
Employer contributions for social insurance.....	34.3	68.0	127.9	146.8	157.3	170.9	192.2	203.8	214.7
Other labor income.....	32.5	65.9	138.4	150.3	163.6	173.6	182.9	192.3	201.1
Proprietors' income <sup>1</sup> .....	80.2	125.4	180.7	186.8	175.5	190.9	234.5	257.3	289.8
Farm.....	14.7	25.4	20.5	30.7	24.6	12.4	30.5	29.7	37.2
Nonfarm.....	65.4	100.0	160.1	156.1	150.9	178.4	204.0	227.6	252.6
Proprietors' income.....	66.0	102.2	164.3	155.2	148.5	167.3	182.4	196.0	217.7
Rental income of persons <sup>2</sup> .....	18.2	13.5	6.6	13.3	13.6	13.2	8.5	9.0	16.7
Corporate profits <sup>1</sup> .....	74.7	117.6	177.2	188.0	150.0	213.7	266.9	277.6	284.4
Corporate profits <sup>3</sup> .....	69.5	123.9	194.0	202.3	159.2	196.7	234.2	224.1	238.4
Profits before tax.....	76.0	134.8	237.1	226.5	169.6	207.6	240.0	224.8	231.9
Profits tax liability.....	34.4	50.9	84.8	81.1	63.1	77.2	93.9	96.7	105.0
Profits after tax.....	41.7	83.9	152.3	145.4	106.5	130.4	146.1	128.1	126.8
Dividends.....	22.5	29.6	54.7	62.6	66.9	71.5	72.0	81.3	88.9
Undistributed profits.....	19.2	54.3	97.6	81.8	39.6	58.9	67.0	46.8	40.0
Inventory valuation adjustment.....	-6.6	-11.0	-43.1	-24.2	-10.4	-10.9	-5.8	-7	6.5
Capital consumption adjustment.....	5.2	-6.2	-16.8	-14.4	-9.2	17.0	32.7	53.5	46.0
Net interest.....	41.2	83.8	200.9	248.1	272.3	281.0	304.8	315.3	326.1
Addenda:									
Corporate profits after tax <sup>1</sup> .....	40.3	66.7	92.4	106.8	86.9	136.5	173.0	180.9	179.4
Net cash flow <sup>1</sup> .....	69.8	133.5	219.1	254.0	255.0	307.7	346.5	368.7	375.4
Undistributed profits <sup>1</sup> .....	17.9	37.1	37.7	43.2	20.0	65.0	94.0	99.6	92.6
Capital consumption allowances.....	52.0	96.4	181.4	210.7	235.0	242.7	254.5	269.1	282.8
Less: inventory valuation adjustment.....	-6.6	-11.0	-43.1	-24.2	-10.4	-10.9	-5.8	-7	6.5
Equals: Net cash flow.....	76.4	144.5	262.2	278.1	265.4	318.6	354.3	369.4	368.9

<sup>1</sup> With inventory valuation and capital consumption adjustments. <sup>2</sup> With capital consumption adjustment.<sup>3</sup> With inventory valuation adjustment.Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-82*, and *Survey of Current Business*, July 1987 issue.

## NO. 675. NATIONAL INCOME, BY SECTOR: 1970 TO 1986

[In billions of dollars]

SECTOR	1970	1975	1980	1981	1982	1983	1984	1985	1986
<b>National income</b> .....	<b>832.6</b>	<b>1,289.1</b>	<b>2,203.5</b>	<b>2,443.5</b>	<b>2,518.4</b>	<b>2,719.5</b>	<b>3,028.6</b>	<b>3,229.9</b>	<b>3,422.0</b>
Domestic business.....	673.4	1,031.8	1,778.4	1,973.7	2,010.6	2,180.4	2,457.9	2,629.2	2,792.2
Corporate business.....	479.8	740.6	1,312.6	1,457.3	1,478.0	1,609.4	1,805.9	1,921.6	2,014.1
Compensation of employees.....	401.0	617.0	1,117.2	1,235.0	1,287.8	1,360.6	1,502.1	1,605.6	1,689.1
Corporate profits <sup>1</sup> .....	67.8	103.2	142.8	159.4	121.9	183.6	236.0	247.1	253.2
Net interest.....	11.0	20.4	52.5	62.9	68.2	65.2	67.8	68.9	71.8
Sole proprietors partnerships.....	135.0	205.8	318.0	342.2	340.6	361.2	421.7	455.3	500.8
Compensation of employees.....	49.2	65.8	102.2	106.7	114.0	118.5	131.6	142.4	154.5
Proprietors' income <sup>1</sup> .....	79.8	124.5	179.4	185.4	174.0	189.3	232.6	255.5	288.2
Net interest.....	6.0	15.5	36.5	48.1	52.7	53.4	57.6	57.3	58.1
Other private business <sup>2</sup> .....	45.7	69.9	114.2	136.5	152.4	167.2	184.3	202.5	225.2
Compensation of employees.....	3.2	4.7	7.8	8.4	9.0	9.8	10.9	12.0	13.0
Proprietors' income <sup>1</sup> .....	18.2	.9	1.3	1.4	1.6	1.6	1.9	1.7	1.7
Rental income of persons <sup>3</sup> .....	.4	13.5	6.6	13.3	13.6	13.2	8.5	9.0	16.7
Net interest.....	23.9	44.8	98.5	113.4	128.2	142.7	162.9	179.8	193.8
Government enterprises <sup>4</sup> .....	13.0	21.5	33.5	37.6	39.6	42.6	46.1	49.8	52.2
Households and institutions <sup>5</sup> .....	32.4	52.0	89.3	101.0	112.7	122.9	132.7	142.2	152.2
Government <sup>4</sup> .....	119.5	187.7	286.3	316.7	343.9	366.4	390.6	418.8	443.9
Rest of the world.....	7.3	17.5	47.6	52.1	51.2	49.9	47.4	39.8	33.7

<sup>1</sup> With inventory valuation and capital consumption adjustments. <sup>2</sup> Consists 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 serving individuals, which are considered to be business activities selling their current services to their owners. <sup>3</sup> With capital consumption adjustment. <sup>4</sup> Compensation of employees. <sup>5</sup> Compensation of employees in private households; nonprofit social and athletic clubs; labor organizations; nonprofit schools and hospitals; religious, charitable, and welfare organizations; and all other nonprofit organizations serving individuals.Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-82*, and *Survey of Current Business*, July 1987 issue.

NO. 676. PERSONAL CONSUMPTION EXPENDITURES—BY TYPE OF EXPENDITURE IN CURRENT DOLLARS: 1980 TO 1986

[In billions of dollars. Minus sign (-) indicates decrease]

TYPE OF EXPENDITURE	1980	1983	1984	1985	1986	AVERAGE ANNUAL PERCENT CHANGE			
						1980-83	1983-84	1984-85	1985-86
<b>Total current dollars</b> <sup>1</sup> .....	<b>1,732.6</b>	<b>2,234.5</b>	<b>2,430.5</b>	<b>2,629.4</b>	<b>2,799.8</b>	<b>8.8</b>	<b>8.8</b>	<b>8.2</b>	<b>6.5</b>
Food and tobacco <sup>2</sup> .....	369.9	450.1	479.0	504.8	532.0	6.8	6.4	5.4	5.4
Food purchased for off-premise consumption.....	242.3	290.4	305.8	320.6	333.3	6.2	5.9	4.8	4.0
Meals, beverages purchased <sup>3</sup> .....	100.2	123.5	134.1	143.2	155.2	7.2	8.5	6.8	8.4
Tobacco products.....	20.8	28.2	30.5	32.0	34.2	10.7	8.2	4.9	6.9
Clothing accessories and jewelry <sup>4</sup> .....	135.0	167.2	181.8	194.9	209.1	7.4	8.7	7.2	7.3
Shoes.....	16.9	20.2	21.6	23.2	24.6	6.1	6.9	7.4	6.0
Clothing and accessories.....	91.9	114.7	125.0	135.9	142.7	7.7	9.0	7.1	6.6
Jewelry and watches.....	15.4	18.0	19.9	20.8	23.5	5.3	10.6	4.5	13.0
Personal care.....	27.2	34.1	36.4	38.9	41.4	7.8	8.7	6.9	6.4
Housing <sup>5</sup> .....	261.5	344.1	371.3	402.4	438.9	9.6	7.9	8.4	8.6
Owner-occupied nonfarm dwellings-space rent.....	178.3	233.9	252.3	272.7	296.0	9.5	7.9	8.1	8.5
Tenant-occupied nonfarm dwellings-rent.....	61.9	84.7	92.2	103.0	114.5	11.0	8.9	11.7	11.2
Rental value of farm dwellings.....	11.0	12.1	12.2	10.9	9.9	3.2	.8	-10.7	-9.2
Household operation <sup>6</sup> .....	233.1	294.1	316.9	331.9	349.0	8.1	7.8	4.7	3.3
Furniture <sup>7</sup> .....	20.9	23.8	26.5	28.1	30.6	4.4	11.3	6.0	8.9
Semidurable house furnishings <sup>8</sup> .....	10.0	12.3	13.3	13.9	14.8	7.1	8.1	4.5	6.5
Cleaning, polishing preparations.....	20.1	23.6	25.1	26.2	27.3	5.5	6.4	4.4	4.2
Household utilities.....	83.7	110.8	117.5	122.9	121.1	9.8	6.0	4.6	-1.5
Electricity.....	37.2	51.0	55.4	59.3	61.0	11.1	8.6	7.0	2.9
Gas.....	19.1	29.0	29.4	29.5	26.6	14.9	1.4	.3	-9.8
Water, other sanitary services.....	9.3	13.3	14.9	16.4	17.5	12.7	12.0	10.1	6.7
Fuel oil and coal.....	18.0	17.5	17.8	17.5	16.0	-9	1.7	-1.7	-8.6
Telephone and telegraph.....	27.8	37.9	39.8	40.1	42.1	10.9	5.0	.8	5.0
Medical care <sup>9</sup> .....	187.7	268.7	298.4	328.8	357.8	12.7	11.1	9.5	9.5
Drug preparations and sundries <sup>10</sup> .....	18.8	24.4	26.3	27.9	29.7	9.1	7.8	6.1	6.5
Physicians.....	42.0	61.1	67.1	73.3	80.2	13.3	9.8	9.2	9.4
Dentists.....	13.7	18.5	19.8	21.3	22.5	10.5	7.0	7.6	5.6
Privately controlled hospitals <sup>11</sup> .....	82.0	119.8	130.6	140.0	152.1	13.4	9.2	7.2	8.6
Health insurance.....	12.3	16.0	19.0	21.7	23.9	9.2	18.9	14.2	10.1
Medical care <sup>12</sup> .....	6.9	11.0	15.2	17.7	20.1	16.8	38.2	16.4	13.6
Personal business <sup>13</sup> .....	96.7	136.7	145.8	174.0	195.1	12.2	6.7	19.3	12.1
Expense of handling life insurance <sup>14</sup> .....	19.7	27.0	30.6	36.1	39.6	11.1	13.3	18.0	9.7
Legal services.....	13.8	21.7	24.6	28.2	31.3	16.3	13.4	14.6	11.0
Funeral and burial expenses.....	4.4	5.2	5.6	6.2	6.4	5.7	7.7	10.7	3.2
Transportation.....	238.5	295.4	329.5	358.8	365.3	7.4	11.5	8.9	1.8
User-operated transportation <sup>15</sup> .....	216.8	270.5	301.6	329.7	335.8	7.7	11.5	9.3	1.9
New autos.....	46.4	66.2	77.6	86.9	101.5	12.6	17.2	12.0	16.8
Used autos, net purchases.....	14.9	21.6	30.2	34.5	33.8	13.2	39.8	14.2	-2.0
Tires, tubes, accessories, etc.....	16.7	21.9	23.3	25.0	25.0	9.5	6.4	7.3	-
Repair, greasing, washing, parking, storage and rent.....	32.3	38.4	42.8	48.3	51.8	5.9	11.5	12.9	7.2
Gasoline and oil.....	83.7	90.2	90.0	92.6	75.3	2.5	-.2	2.9	-18.7
Purchased local transportation.....	5.8	6.5	6.9	7.1	7.6	3.9	6.2	2.9	7.0
Transit systems.....	2.4	3.1	3.4	3.5	3.8	8.9	9.7	2.9	8.6
Taxicabs.....	3.1	2.9	3.0	3.1	3.3	-2.2	3.4	3.3	6.5
Purchased intercity transportation <sup>16</sup> .....	.3	.4	.5	.5	.5	10.1	25.0	-	-5
Buses.....	15.9	18.4	21.0	22.0	21.9	5.0	14.1	4.8	-
Airlines.....	1.2	1.2	1.2	1.2	1.1	-.5	-	-	-8.3
Recreation <sup>17</sup> .....	115.0	152.1	163.3	163.8	190.0	4.6	14.4	4.6	-1.1
Maggs, newspapers, sheet music.....	10.4	12.0	12.7	12.9	13.7	4.9	5.8	1.6	6.2
Toys.....	31.8	38.4	44.5	46.8	48.8	6.5	15.9	5.2	32.6
Radio and television receivers, records and music.....	19.9	28.2	31.5	36.1	40.8	12.3	11.7	14.6	13.0
Private education and research.....	27.2	35.8	39.1	43.1	46.9	9.6	9.2	10.2	8.8
Religious and welfare activities.....	36.8	47.8	52.6	56.8	62.4	9.1	10.0	8.0	9.9

- Represents zero. <sup>1</sup> Includes other expenditures not shown separately. <sup>2</sup> Consists of purchases (including tips) of meals and beverages from retail, service and amusement establishments, hotels, dining and buffet cars, schools, school fraternities, institutions, clubs, and industrial lunch rooms. <sup>3</sup> Includes mattresses and bed springs. <sup>4</sup> Consist largely of textile house furnishings including piece goods allocated to house furnishing use. Also includes lamp shades, brooms, and brushes. <sup>5</sup> Excludes drug preparations and related products dispensed by physicians, hospitals, and other medical services. <sup>6</sup> Consist of (1) current expenditures (including capital consumption allowances with capital consumption adjustment) of nonprofit hospitals, sanitariums, and nursing homes, and (2) payments by patients to proprietary hospitals, sanitariums, and nursing homes. <sup>7</sup> Consist of (1) premiums, less benefits and dividends, for health, hospitalization and accidental death, and accidental death and dismemberment insurance provided by commercial insurance carriers, and (2) administrative expenses (including capital consumption allowances with capital consumption adjustment) of Blue Cross and Blue Shield plans and of other independent prepaid and self-insured health plans. <sup>8</sup> Consist of (1) operating expenses of life insurance carriers and private noninsured pension plans, and (2) premiums, less benefits and dividends, of fraternal benefit societies. Excludes expenses allocated by commercial carriers to accident and health insurance. <sup>9</sup> For additional details, see table 363.

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 1987 issue.

# Personal Consumption Expenditures

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## NO. 677. PERSONAL CONSUMPTION EXPENDITURES, BY TYPE OF PRODUCT IN CONSTANT (1982) DOLLARS: 1980 TO 1986

(In billions of dollars, except percent. Minus sign (-) indicates decrease)

TYPE OF EXPENDITURE	1980	1983	1984	1985	1986	AVERAGE ANNUAL PERCENT CHANGE			
						1980-83	1983-84	1984-85	1985-86
<b>Personal consumption expenditures</b> .....	<b>2,000.4</b>	<b>2,146.0</b>	<b>2,249.3</b>	<b>2,352.6</b>	<b>2,450.5</b>	<b>2.4</b>	<b>4.8</b>	<b>4.6</b>	<b>4.2</b>
Durable goods.....	245.9	283.1	323.1	352.7	383.5	4.8	14.1	9.2	8.7
Motor vehicles and parts <sup>1</sup> .....	103.8	126.8	148.0	163.6	175.7	6.9	16.7	10.5	7.4
New autos.....	51.2	64.5	73.5	79.8	89.3	8.0	14.0	8.6	11.9
Net purchases of used autos.....	21.0	19.8	24.8	29.0	29.8	-1.9	25.3	16.9	2.8
Tires, tubes, accessories, etc.....	18.1	22.5	24.8	26.5	26.6	7.5	10.2	6.9	.4
Furniture and household equipment <sup>1</sup> .....	95.4	106.1	118.4	130.2	144.7	3.6	11.6	10.0	11.1
Furniture, including mattresses and bed-springs.....	23.2	23.2	25.3	26.2	27.9	-	8.1	3.6	6.5
Kitchen, other household appliances.....	18.4	19.1	21.0	23.3	24.6	1.3	9.9	11.0	5.6
China, glassware, tableware, and utensils.....	10.6	11.0	12.0	12.5	12.8	1.2	9.1	4.2	2.4
Radio and television receivers <sup>2</sup> .....	20.4	29.1	34.4	42.0	51.6	12.6	18.2	22.1	22.9
Other durable goods.....	46.7	50.2	56.7	59.9	63.1	2.4	12.9	9.9	7.1
Non-durable goods.....	762.6	800.2	825.9	849.5	877.2	1.6	3.2	2.9	3.3
Food.....	394.9	414.0	422.8	435.5	444.9	1.6	2.1	3.2	1.9
Food purchased for off-premise consumption.....	272.4	288.1	292.0	302.5	305.9	1.9	1.4	3.6	1.1
Purchased meals and beverages.....	115.1	118.2	122.9	126.0	130.9	.9	4.0	2.5	3.9
Food furnished employees <sup>3</sup> .....	7.5	7.7	7.9	8.0	8.1	.9	2.6	1.3	1.2
Clothing and shoes.....	114.8	132.6	142.2	147.9	158.0	4.9	7.2	4.0	6.8
Shoes.....	18.3	20.1	21.2	22.5	24.0	3.2	5.5	6.1	6.7
Women's and children's clothing and accessories <sup>4</sup> .....	61.5	74.9	81.2	84.6	91.2	6.8	8.4	4.2	7.8
Men's and boys' clothing and accessories <sup>4</sup> .....	35.0	37.5	39.7	40.8	42.8	2.3	5.9	2.8	4.9
Gasoline and oil.....	88.4	93.2	94.5	96.5	100.3	1.8	1.4	2.1	3.9
Fuel oil and coal.....	21.6	18.6	18.5	18.9	21.5	-4.9	-5.2	2.2	13.8
Other non-durable goods <sup>1</sup> .....	142.9	141.8	147.8	149.7	152.6	-3.2	4.2	1.3	1.9
Tobacco products.....	24.9	23.7	24.0	23.8	23.7	-1.6	1.3	-8	-4
Toilet articles and preparations.....	19.6	19.2	20.0	20.3	20.7	-7	4.2	1.7	2.0
Semidurable house furnishings.....	11.6	11.5	12.0	12.2	12.6	-3	4.3	7	4.9
Cleaning and polishing preparations, etc.....	28.4	22.9	23.8	23.8	24.3	-7	3.9	-	2.1
Drug preparations and sundries.....	23.0	22.5	22.6	22.3	22.3	-7	.4	-1.3	-
Non-durable toys and sport supplies.....	15.9	18.0	19.9	21.0	21.8	4.2	10.6	5.5	3.8
Services.....	991.9	1,062.7	1,100.3	1,150.4	1,189.8	2.3	3.5	4.6	3.4
Housing <sup>1</sup> .....	312.5	325.4	333.0	341.0	350.0	1.4	2.3	2.4	2.6
Owner-occupied nonfarm dwellings space rent.....	212.0	220.5	226.1	230.5	236.0	1.3	2.5	1.9	2.4
Tenant-occupied nonfarm dwellings rent.....	73.6	79.8	81.8	85.7	89.5	2.7	2.5	4.8	4.4
Rental value of farm dwellings.....	14.3	12.5	12.1	11.7	11.4	-4.4	-3.2	-3.3	-2.6
Household operation <sup>1</sup> .....	142.8	146.2	148.8	151.0	151.3	.8	1.8	1.5	.2
Electricity.....	47.0	49.4	50.4	52.2	52.9	1.7	2.0	3.6	1.3
Gas.....	26.0	24.7	24.9	25.2	23.9	-1.7	.8	1.2	-5.2
Water and other sanitary services.....	11.7	12.3	12.9	13.4	13.6	1.7	4.8	3.9	1.5
Telephone and telegraph.....	33.6	35.7	34.5	33.5	33.5	2.0	-3.4	-2.9	-
Domestic service.....	7.6	8.4	9.1	9.2	9.4	3.4	6.3	1.1	2.2
Transportation.....	77.4	71.4	75.9	81.0	84.4	-2.7	6.3	6.7	4.2
User-operated transportation.....	48.0	47.0	50.0	53.8	55.9	-7	6.4	7.6	3.9
Purchased local transportation.....	7.5	6.4	6.4	6.5	6.5	-5.1	-	1.6	-
Purchased intercity transportation <sup>1</sup> .....	21.9	18.0	19.5	20.7	22.0	-6.3	8.3	6.2	6.3
Railway (excluding commutation) <sup>1</sup> .....	1.5	1.1	1.0	1.0	.8	-9.8	-9.1	-	-20.0
Airline.....	18.7	15.1	16.5	17.6	19.0	-6.9	9.3	6.7	8.0
Medical care.....	200.6	222.3	232.0	240.8	251.9	3.5	4.4	3.8	4.6
Physicians.....	50.9	56.7	59.2	60.1	61.3	3.7	2.6	3.3	2.0
Dentists.....	16.2	17.4	17.2	17.3	17.4	2.4	-1.1	.6	.6
Other professional services.....	16.6	21.8	26.0	29.7	32.8	9.5	19.3	14.2	10.4
Privately controlled hospitals and sanitariums.....	100.9	112.0	115.7	118.2	124.0	3.5	3.3	2.2	4.9
Health insurance.....	16.0	14.5	14.9	15.5	16.4	-3.2	2.8	4.0	5.8
Other <sup>1</sup> .....	258.8	297.4	310.7	336.6	352.3	4.7	4.5	8.3	4.7
Personal care <sup>1</sup> .....	25.0	26.6	27.0	28.4	29.5	2.1	1.5	5.2	4.2
Cleaning, storage, repair of clothes and shoes.....	7.7	7.2	7.7	7.7	7.8	-2.2	6.9	-	-1.3
Barbershops, beauty parlors, baths, health clubs.....	12.4	13.2	13.3	13.9	14.6	2.1	.8	4.5	5.0
Personal business <sup>1</sup> .....	111.2	124.4	127.4	139.3	148.2	3.8	2.4	9.3	6.4
Brokerage charges and investment counseling.....	9.0	11.8	11.3	15.5	20.3	9.4	-4.2	37.2	31.0
Recreation.....	48.1	59.2	61.5	66.1	67.9	7.2	3.9	7.5	2.7
Private education and research <sup>1</sup> .....	31.8	34.3	35.8	38.2	40.1	2.6	4.4	6.7	5.0
Higher education.....	11.7	12.5	12.8	13.5	13.5	2.2	2.4	5.5	-
Elementary and secondary schools.....	10.8	11.3	11.8	12.3	12.8	1.5	2.7	6.0	4.1
Religious and welfare activities.....	42.0	46.4	49.3	52.0	56.2	3.4	6.2	5.5	8.1

- Represents zero. <sup>1</sup> Includes expenditures not shown separately. <sup>2</sup> Includes musical instruments and records. <sup>3</sup> Includes military and food produced and consumed on farms. <sup>4</sup> Except shoes.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-82, and Survey of Current Business*, July 1987 issue.

## NO. 678. PERSONAL INCOME AND ITS DISPOSITION: 1970 TO 1986

[In billions of dollars, except percent. For definition of personal income, see text, section 14]

ITEM	1970	1980	1981	1982	1983	1984	1985	1986
<b>Personal income</b> .....	<b>831.8</b>	<b>2,258.5</b>	<b>2,520.9</b>	<b>2,670.8</b>	<b>2,838.8</b>	<b>3,108.7</b>	<b>3,327.0</b>	<b>3,534.3</b>
Wage and salary disbursements.....	551.5	1,372.0	1,510.3	1,586.1	1,876.6	1,838.8	1,974.9	2,089.1
Commodity-producing industry <sup>1</sup> .....	203.7	470.7	512.2	511.7	529.1	577.6	602.7	623.3
Manufacturing.....	158.4	355.6	386.7	384.0	387.4	431.6	460.9	470.5
Distributive industries <sup>2</sup> .....	131.2	305.5	366.8	384.2	404.2	442.8	473.0	497.1
Service industries <sup>3</sup> .....	99.4	305.6	346.9	384.4	425.1	472.1	520.4	574.9
Government and government enterprises.....	117.1	260.2	284.4	305.9	324.3	346.1	372.3	394.8
Other labor income.....	32.5	138.4	150.3	163.6	173.6	182.9	192.3	201.1
Proprietors' income.....	80.2	180.7	186.8	175.5	190.9	234.5	257.3	289.8
Rental income of persons <sup>4</sup> .....	18.2	6.6	13.3	13.6	13.2	8.5	9.0	16.7
Personal dividend income.....	22.2	52.9	61.3	63.9	68.7	75.5	76.3	81.2
Personal interest income.....	69.3	271.9	335.4	369.7	393.1	444.7	476.5	497.6
Transfer payments.....	85.9	324.7	368.1	410.6	442.6	456.8	489.7	518.3
Old-age survivors disability and health insurance benefits.....	38.5	154.2	182.0	204.5	221.7	235.7	253.4	268.2
Other.....	47.5	170.5	186.2	206.1	220.9	220.9	236.3	249.2
Less: Personal contributions for social insurance.....	27.9	88.6	104.5	112.3	120.1	132.7	148.9	159.8
Less: Personal tax and nontax payments.....	116.2	340.5	393.3	409.3	410.5	440.2	485.9	512.2
Equals: Disposable personal income.....	715.6	1,918.0	2,127.6	2,261.4	2,428.1	2,668.6	2,841.1	3,022.1
Less: Personal outlays <sup>5</sup> .....	857.9	1,781.1	1,988.1	2,107.5	2,297.4	2,504.5	2,714.1	2,891.5
Personal consumption expenditures.....	640.0	1,732.6	1,915.1	2,050.7	2,234.5	2,430.5	2,628.4	2,798.8
Interest paid by consumers.....	16.7	47.4	52.0	55.5	61.8	72.5	82.7	89.9
Personal transfer payments to foreigners.....	1.2	1.1	1.0	1.3	1.0	1.5	2.0	1.7
Equals: Personal saving.....	57.7	136.9	159.4	153.9	130.6	164.1	127.1	130.6
Percent of disposable personal income.....	8.1	7.1	7.5	6.8	5.4	6.1	4.5	4.3
Real disposable personal income <sup>6</sup> .....	1,668.1	2,214.3	2,246.6	2,261.5	2,331.9	2,469.8	2,542.2	2,645.1
Annual percent change <sup>8</sup> .....	4.1	.1	1.5	.6	3.1	5.9	2.9	4.0
PERCENT DISTRIBUTION								
<b>Personal income</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Wage and salary disbursements.....	66.3	60.7	59.9	59.4	59.1	59.1	59.4	59.1
Other labor income.....	3.9	6.1	6.0	6.1	6.1	5.9	5.8	5.7
Proprietors' income.....	9.6	8.0	7.4	6.6	6.7	7.5	7.7	8.2
Rental income of persons <sup>4</sup> .....	2.2	.3	.5	.5	.5	.3	.3	.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	13.3	13.8	13.8	14.3	14.3	14.1
Transfer payments <sup>6</sup> .....	10.3	14.4	14.6	15.4	15.6	14.7	14.7	14.7
Personal contributions for social insurance.....	-3.4	-3.9	-4.1	-4.2	-4.2	-4.3	-4.5	-4.5

<sup>1</sup> Comprises agriculture, forestry, fisheries, mining, construction, and manufacturing. <sup>2</sup> Comprises transportation; communication; electric, gas, and sanitary services; and trade. <sup>3</sup> Comprises finance, insurance, and real estate; services; and rest of the world. <sup>4</sup> With capital consumption and inventory valuation adjustments. <sup>5</sup> With capital consumption adjustment. <sup>6</sup> Includes personal transfer payments to foreigners (net) not shown separately. <sup>7</sup> 1982 prices. <sup>8</sup> 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 1987 issue.

## NO. 679. GROSS SAVING AND INVESTMENT: 1970 TO 1986

[In billions of dollars]

ITEM	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
<b>Gross saving</b> .....	<b>154.7</b>	<b>238.7</b>	<b>408.6</b>	<b>458.4</b>	<b>445.0</b>	<b>522.0</b>	<b>446.4</b>	<b>463.6</b>	<b>568.5</b>	<b>531.3</b>	<b>532.0</b>
Gross private saving.....	164.5	303.6	409.0	445.8	478.4	550.5	557.1	592.2	673.5	664.2	679.8
Personal saving.....	57.7	104.6	110.2	118.1	136.9	159.4	153.9	130.6	164.1	127.1	130.6
Undistributed corporate profits <sup>1</sup> .....	17.9	37.1	69.0	62.0	37.7	43.2	20.0	65.0	94.0	99.6	92.6
Undistributed profits.....	19.2	54.3	105.2	119.1	97.6	81.8	39.6	58.9	67.0	46.8	40.0
Inventory valuation adjustment.....	-8.6	-11.0	-25.3	-43.2	-43.1	-24.2	-10.4	-10.9	-5.8	-7	6.5
Capital consumption adjustment.....	5.2	-6.2	-10.9	-14.0	-16.8	-14.4	-9.2	17.0	32.7	53.5	46.0
Corporate CCA <sup>2</sup> .....	52.0	96.4	137.2	158.3	181.4	210.7	235.0	242.7	254.5	269.1	282.8
Noncorporate CCA <sup>2</sup> .....	36.9	65.4	92.7	107.4	122.4	137.1	148.2	153.9	160.9	168.5	173.8
Government surplus or deficit ( ) <sup>3</sup> .....	-10.6	-64.9	-4	11.5	-34.5	-29.7	-110.3	-128.6	-105.0	-132.9	-147.8
Federal.....	-12.4	-69.4	-29.3	-18.1	-61.3	-63.9	-145.9	-178.0	-169.6	-196.0	-204.7
State and local.....	1.8	4.5	28.9	27.6	26.8	34.1	35.1	47.5	64.6	63.1	56.8
Capital grants received by U.S. (net).....	9	-	-	1.1	1.2	1.1	-	-	-	-	-
Gross investment.....	153.6	241.2	406.7	457.4	450.0	528.1	446.3	468.8	573.9	525.7	527.1
Gross private domestic investment.....	148.8	219.8	418.8	454.8	437.0	515.5	447.3	502.3	664.8	641.6	671.0
Net foreign investment.....	4.8	21.6	-10.1	2.6	13.0	10.6	-1.0	-33.5	-90.9	-115.9	-143.9
Statistical discrepancy.....	-1.1	2.5	-1.8	-1.0	4.9	4.1	-	5.2	5.4	-5.6	-4.9

- Represents zero. <sup>1</sup> With inventory valuation and capital consumption adjustment.

<sup>2</sup> Capital consumption allowances with capital consumption adjustment. <sup>3</sup> National income and product accounts basis.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-82*, and *Survey of Current Business*, July 1987 issue.

No. 680. DISPOSABLE PERSONAL INCOME PER CAPITA IN CURRENT AND CONSTANT (1982) DOLLARS—STATES: 1980 TO 1986

[For composition of regions, see fig. 1, inside front cover]

REGION, DIVISION, AND STATE	CURRENT DOLLARS						CONSTANT (1982) DOLLARS			
	1980	1984	1985	1986	Income rank		1980	1984	1985	1986
					1980	1986				
<b>U.S.</b> .....	<b>8,424</b>	<b>11,258</b>	<b>11,876</b>	<b>12,521</b>	(X)	(X)	<b>9,705</b>	<b>10,414</b>	<b>10,613</b>	<b>10,964</b>
<b>Region:</b>										
<b>Northeast</b> .....	8,965	12,412	13,146	14,085	(X)	(X)	10,328	11,482	11,748	12,334
<b>Midwest</b> .....	8,829	11,644	12,298	13,085	(X)	(X)	10,172	10,771	10,990	11,458
<b>South</b> .....	9,273	13,295	14,193	14,946	(X)	(X)	10,683	12,299	12,684	13,088
<b>West</b> .....	11,693	16,470	17,703	18,946	(X)	(X)	13,472	15,236	15,821	16,591
<b>New England</b> .....	<b>8,936</b>	<b>12,744</b>	<b>13,506</b>	<b>14,575</b>	(X)	(X)	<b>10,295</b>	<b>11,789</b>	<b>12,070</b>	<b>12,763</b>
Maine.....	7,224	9,801	10,366	11,106	39	32	8,323	9,067	9,264	9,725
New Hampshire.....	8,524	12,236	12,971	13,891	15	8	9,820	11,319	11,592	12,164
Vermont.....	7,411	9,967	10,603	11,354	35	29	8,538	9,239	9,475	9,942
Massachusetts.....	8,926	12,913	13,789	14,836	13	4	10,283	11,945	12,305	12,991
Rhode Island.....	8,129	11,434	11,962	12,934	26	15	9,365	10,877	10,693	11,238
Connecticut.....	10,196	14,534	15,305	16,672	2	1	11,747	13,445	13,677	14,599
<b>Middle Atlantic</b> .....	<b>8,975</b>	<b>12,300</b>	<b>13,024</b>	<b>13,918</b>	(X)	(X)	<b>10,340</b>	<b>11,378</b>	<b>11,639</b>	<b>12,187</b>
New York.....	8,963	12,493	13,172	14,070	10	7	10,326	11,557	11,771	12,320
New Jersey.....	8,828	13,816	14,791	15,927	4	2	11,323	12,875	13,218	13,947
Pennsylvania.....	8,462	10,990	11,674	12,403	16	21	9,749	10,167	10,439	10,861
<b>East North Central</b> .....	<b>8,546</b>	<b>11,167</b>	<b>11,776</b>	<b>12,468</b>	(X)	(X)	<b>9,846</b>	<b>10,330</b>	<b>10,524</b>	<b>10,918</b>
Ohio.....	8,276	10,841	11,404	12,015	24	24	9,535	10,029	10,191	10,521
Indiana.....	8,777	10,241	10,682	11,291	31	30	9,075	9,474	9,546	9,887
Illinois.....	9,154	12,120	12,741	13,518	8	9	10,546	11,212	11,386	11,837
Michigan.....	8,623	11,119	11,879	12,698	14	18	9,934	10,286	10,616	11,032
Wisconsin.....	8,316	10,761	11,348	12,055	20	22	9,581	9,955	10,141	10,556
<b>West North Central</b> .....	<b>8,075</b>	<b>10,784</b>	<b>11,366</b>	<b>12,183</b>	(X)	(X)	<b>9,303</b>	<b>9,976</b>	<b>10,167</b>	<b>10,651</b>
Minnesota.....	8,410	11,302	11,893	13,117	17	11	9,689	10,465	10,628	11,486
Iowa.....	8,013	10,331	10,807	11,540	27	28	9,232	9,557	9,658	10,105
Missouri.....	7,952	10,649	11,324	11,933	28	25	9,151	9,851	10,120	10,449
North Dakota.....	7,339	10,617	10,593	11,100	37	33	8,455	9,544	9,458	9,729
South Dakota.....	7,323	9,505	10,032	10,730	38	34	8,437	8,793	8,965	9,396
Nebraska.....	7,871	10,763	11,429	12,051	32	23	9,088	9,957	10,214	10,553
Kansas.....	8,387	11,233	11,771	12,500	18	20	9,662	10,391	10,519	10,946
<b>South Atlantic</b> .....	<b>7,782</b>	<b>10,653</b>	<b>11,287</b>	<b>11,939</b>	(X)	(X)	<b>8,965</b>	<b>9,855</b>	<b>10,087</b>	<b>10,454</b>
Delaware.....	8,251	11,046	11,734	12,745	25	17	9,506	10,218	10,486	11,160
Maryland.....	8,960	12,487	13,402	14,091	11	6	10,323	11,551	11,977	12,339
District of Columbia.....	10,248	14,122	15,202	15,955	(X)	(X)	11,806	13,064	13,585	13,971
Virginia.....	8,287	11,492	12,271	12,993	23	13	9,547	10,631	10,966	11,377
West Virginia.....	6,773	8,355	8,810	9,479	46	49	7,803	7,729	7,873	8,300
North Carolina.....	6,818	9,517	9,915	10,543	45	37	7,855	8,804	8,861	9,232
South Carolina.....	6,503	8,812	9,238	9,685	48	46	7,492	8,152	8,256	8,481
Georgia.....	7,090	9,938	10,568	11,122	41	31	8,166	9,193	9,444	9,739
Florida.....	8,385	11,254	11,894	12,576	19	19	9,660	10,411	10,629	11,012
<b>East South Central</b> .....	<b>6,690</b>	<b>8,809</b>	<b>9,206</b>	<b>9,722</b>	(X)	(X)	<b>7,707</b>	<b>8,149</b>	<b>8,227</b>	<b>8,513</b>
Kentucky.....	6,948	8,984	9,271	9,933	43	40	8,005	8,311	8,285	8,698
Tennessee.....	6,988	9,339	9,830	10,395	42	39	8,051	8,639	8,785	9,102
Alabama.....	6,574	8,738	9,162	9,591	47	48	7,574	8,061	8,188	8,388
Mississippi.....	5,954	7,705	8,044	8,395	50	50	6,859	7,128	7,189	7,351
<b>West South Central</b> .....	<b>7,919</b>	<b>10,424</b>	<b>10,908</b>	<b>10,913</b>	(X)	(X)	<b>9,123</b>	<b>9,643</b>	<b>9,748</b>	<b>9,556</b>
Arkansas.....	6,483	8,599	9,200	9,857	49	43	7,469	7,955	8,222	8,631
Louisiana.....	7,406	9,559	9,809	9,827	36	45	8,532	8,843	8,766	8,805
Oklahoma.....	7,941	9,957	9,893	9,837	29	44	9,149	9,211	8,841	8,614
Texas.....	8,296	11,027	11,659	11,569	22	27	9,558	10,201	10,419	10,130
<b>Mountain</b> .....	<b>8,094</b>	<b>10,412</b>	<b>10,943</b>	<b>11,360</b>	(X)	(X)	<b>9,325</b>	<b>9,632</b>	<b>9,779</b>	<b>9,947</b>
Montana.....	7,693	9,347	9,686	10,476	33	32	8,663	8,647	8,656	9,147
Idaho.....	7,452	9,157	9,541	9,873	34	42	8,595	8,471	8,526	8,645
Wyoming.....	9,421	10,269	10,625	10,675	6	6	10,854	9,500	9,674	9,348
Colorado.....	8,943	12,163	12,540	12,765	8	16	10,303	11,242	11,206	11,178
New Mexico.....	7,143	8,962	9,716	9,890	40	41	8,229	8,290	8,683	8,660
Arizona.....	7,933	10,465	11,137	11,767	30	26	9,139	9,661	9,953	10,304
Utah.....	6,875	8,751	9,172	9,665	44	47	7,821	8,095	8,197	8,463
Nevada.....	9,714	11,780	12,447	13,071	5	12	11,191	10,897	11,123	11,446
<b>Pacific</b> .....	<b>8,657</b>	<b>12,651</b>	<b>13,351</b>	<b>14,058</b>	(X)	(X)	<b>11,126</b>	<b>11,703</b>	<b>11,931</b>	<b>12,310</b>
Washington.....	9,216	11,919	12,531	13,194	7	10	10,618	11,026	11,198	11,553
Oregon.....	8,301	10,413	10,849	10,726	21	35	8,563	9,633	9,695	9,392
California.....	9,876	12,999	13,737	14,553	3	5	11,378	12,025	12,276	12,743
Arizona.....	11,568	15,433	15,961	15,453	1	3	13,327	14,277	14,264	13,532
Hawaii.....	9,064	11,480	12,196	12,893	9	14	10,442	10,620	10,599	11,290

X Not applicable.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, August issues; and unpublished data.

## NO. 681. PERSONAL INCOME IN CURRENT AND CONSTANT (1982) DOLLARS—STATES: 1970 TO 1986

[1986 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 672, 673, and 678. See text, section 14. For composition of regions, see fig. 1, inside front cover.]

REGION, DIVISION, AND STATE	CURRENT DOLLARS (bil. dol.)				CONSTANT (1982) DOLLARS									
	1970	1980	1985	1986	Total (bil. dol.)				Percent change			Percent of U.S.		
					1970	1980	1985	1986	1970- 1980	1980- 1985	1985- 1986	1970	1986	
<b>U.S.</b> .....	<b>825.5</b>	<b>2,254.1</b>	<b>3,320.1</b>	<b>3,529.5</b>	<b>1,846.8</b>	<b>2,596.9</b>	<b>2,969.7</b>	<b>3,088.0</b>	<b>40.6</b>	<b>14.4</b>	<b>4.0</b>	<b>100.0</b>	<b>100.0</b>	
<b>Region:</b>														
<b>  Northeast</b> .....	223.8	521.5	776.8	834.0	500.7	600.8	694.8	729.7	20.0	15.7	5.0	27.1	23.6	
<b>  Midwest</b> .....	229.4	584.4	804.1	849.7	513.1	673.3	719.2	743.3	31.2	6.8	3.4	27.8	24.1	
<b>  South</b> .....	218.5	677.4	1,033.1	1,089.5	488.9	780.4	924.1	953.2	59.6	16.4	8.2	26.5	30.9	
<b>  West</b> .....	153.9	470.8	706.1	756.3	344.2	542.3	631.5	661.7	57.6	16.5	4.8	18.6	21.4	
<b>N.E.</b> .....	<b>52.8</b>	<b>130.4</b>	<b>201.7</b>	<b>218.6</b>	<b>118.1</b>	<b>150.2</b>	<b>180.5</b>	<b>191.3</b>	<b>27.2</b>	<b>20.1</b>	<b>6.0</b>	<b>6.4</b>	<b>6.1</b>	
ME.....	3.4	9.3	13.8	15.0	7.6	10.7	12.4	13.1	40.6	15.8	6.3	4.4	.4	
NH.....	2.9	9.1	14.8	16.3	6.5	10.4	13.3	14.3	61.5	27.4	7.7	.3	.4	
VT.....	1.6	4.4	6.7	7.2	3.6	5.1	5.9	6.3	40.7	17.4	6.3	2.2	.2	
MA.....	25.8	61.0	95.4	103.4	57.6	70.2	85.3	90.4	21.9	21.5	6.0	3.1	2.9	
RI.....	3.9	9.7	13.2	14.2	8.6	10.4	11.8	12.4	20.8	13.8	5.1	.5	.4	
CT.....	15.3	37.7	57.8	62.5	34.2	43.4	51.7	54.7	26.8	19.1	5.8	1.9	1.7	
<b>M.A.</b> .....	<b>171.0</b>	<b>391.1</b>	<b>575.1</b>	<b>615.4</b>	<b>382.6</b>	<b>450.6</b>	<b>514.4</b>	<b>538.4</b>	<b>17.8</b>	<b>14.2</b>	<b>4.7</b>	<b>20.7</b>	<b>17.3</b>	
NY.....	88.7	186.3	282.9	304.1	188.5	218.9	253.1	266.1	9.3	18.7	5.1	10.7	8.5	
NJ.....	34.6	85.4	131.5	141.9	77.3	98.4	117.7	124.2	27.3	19.6	6.5	4.2	4.0	
PA.....	47.7	117.5	160.6	169.4	106.8	135.3	143.7	148.2	26.7	6.2	3.2	5.8	4.8	
<b>E.N.C.</b> .....	<b>167.4</b>	<b>420.3</b>	<b>571.7</b>	<b>603.8</b>	<b>374.5</b>	<b>484.3</b>	<b>511.4</b>	<b>528.3</b>	<b>29.3</b>	<b>5.6</b>	<b>3.3</b>	<b>20.3</b>	<b>17.2</b>	
OH.....	43.0	105.0	142.7	149.8	96.3	121.0	127.6	131.1	25.7	5.5	2.7	5.2	4.3	
IN.....	19.6	50.8	68.4	72.3	43.9	58.5	61.2	63.3	33.3	4.5	3.4	2.4	2.1	
IL.....	50.8	124.0	170.6	180.1	113.6	142.9	152.6	157.5	25.8	6.8	3.2	6.1	5.1	
MI.....	36.8	94.1	127.3	135.1	82.3	108.4	113.8	118.2	31.8	5.0	3.9	4.5	3.8	
WI.....	17.2	46.4	62.8	66.8	38.5	53.5	56.2	58.2	38.9	5.1	3.7	2.1	1.9	
<b>W.N.C.</b> .....	<b>62.0</b>	<b>164.1</b>	<b>232.4</b>	<b>245.9</b>	<b>138.7</b>	<b>189.0</b>	<b>207.9</b>	<b>215.2</b>	<b>36.3</b>	<b>10.0</b>	<b>3.5</b>	<b>7.5</b>	<b>7.0</b>	
MN.....	15.2	41.1	59.3	63.2	34.1	47.4	53.0	55.3	38.9	12.0	4.2	1.8	1.8	
IA.....	10.8	27.8	36.1	38.1	24.1	32.0	32.2	33.3	38.1	.6	3.3	1.3	1.1	
MO.....	17.8	45.8	66.1	69.9	39.9	52.7	59.1	61.1	32.1	12.1	3.4	2.2	2.0	
ND.....	1.9	5.6	8.2	8.5	4.3	6.4	7.3	7.4	48.6	13.5	1.4	.2	.2	
SD.....	2.1	5.7	7.8	8.4	4.8	6.5	7.0	7.3	37.1	8.8	4.7	.3	.2	
NE.....	5.6	14.6	20.9	22.0	12.5	16.8	18.7	19.2	34.3	11.4	2.6	.7	.6	
KS.....	6.5	29.6	34.1	36.0	19.0	27.1	30.5	31.5	43.2	12.3	3.5	1.0	1.0	
<b>S.A.</b> .....	<b>113.8</b>	<b>340.6</b>	<b>534.9</b>	<b>576.3</b>	<b>254.5</b>	<b>392.4</b>	<b>478.5</b>	<b>504.2</b>	<b>54.2</b>	<b>21.9</b>	<b>5.4</b>	<b>13.8</b>	<b>16.1</b>	
DE.....	2.5	6.1	8.9	9.5	5.7	7.0	8.0	8.3	24.3	13.4	4.4	.3	.3	
MD.....	17.6	45.7	70.1	75.9	39.4	52.6	62.7	65.9	33.5	19.1	5.1	2.1	2.1	
DC.....	4.0	7.8	11.4	12.1	8.9	9.0	10.2	10.6	1.7	13.5	3.8	.5	.3	
VA.....	17.4	52.7	82.6	89.2	39.0	60.7	73.8	78.0	55.6	21.6	5.7	2.1	2.5	
WV.....	5.4	15.5	19.5	20.3	12.0	17.8	17.5	17.8	48.1	-1.9	1.7	.7	.6	
NC.....	16.5	47.2	73.2	78.8	36.9	54.4	65.5	68.9	47.2	20.4	5.3	2.0	2.2	
SC.....	7.8	23.8	35.8	38.2	17.5	27.4	32.1	33.4	57.0	17.0	4.1	.9	1.1	
GA.....	15.6	45.8	75.5	82.1	34.8	52.8	67.5	71.8	51.7	28.0	6.3	1.9	2.3	
FL.....	27.0	96.1	157.9	171.0	60.4	110.7	141.3	149.6	83.3	27.6	5.9	3.3	4.8	
<b>E.S.C.</b> .....	<b>38.5</b>	<b>113.9</b>	<b>161.5</b>	<b>171.0</b>	<b>86.1</b>	<b>131.2</b>	<b>144.4</b>	<b>149.6</b>	<b>52.4</b>	<b>10.1</b>	<b>3.8</b>	<b>4.7</b>	<b>4.9</b>	
KY.....	10.2	29.4	40.1	41.9	22.7	33.9	35.9	36.7	49.1	6.0	2.2	1.2	1.2	
TN.....	12.4	37.0	53.8	57.7	27.8	42.6	48.1	50.4	53.4	13.0	4.8	1.5	1.6	
AL.....	10.2	30.1	43.3	45.9	22.7	34.6	38.7	40.2	52.4	11.8	3.8	1.2	1.3	
MS.....	5.8	17.5	24.3	25.5	12.9	20.2	21.7	22.3	56.3	7.6	2.8	.7	.7	
<b>W.S.C.</b> .....	<b>66.3</b>	<b>222.9</b>	<b>336.7</b>	<b>342.1</b>	<b>148.2</b>	<b>256.8</b>	<b>301.2</b>	<b>299.3</b>	<b>73.2</b>	<b>17.3</b>	<b>- .8</b>	<b>6.0</b>	<b>10.1</b>	
AR.....	6.5	17.1	24.9	26.3	12.2	19.7	22.3	23.0	61.5	13.0	3.2	.7	.8	
LA.....	11.2	36.7	50.5	50.4	25.1	42.3	45.2	44.1	68.6	8.9	-2.5	1.4	1.5	
OK.....	8.8	28.6	40.2	40.6	19.7	32.9	36.0	35.5	66.9	9.3	-1.3	1.1	1.2	
TX.....	40.8	140.5	221.1	224.9	91.2	161.9	197.7	196.7	77.4	22.2	- .5	4.9	6.7	
<b>Mt.</b> .....	<b>31.1</b>	<b>108.1</b>	<b>162.6</b>	<b>171.9</b>	<b>69.6</b>	<b>124.6</b>	<b>145.4</b>	<b>150.4</b>	<b>79.1</b>	<b>16.7</b>	<b>3.4</b>	<b>3.8</b>	<b>4.9</b>	
MT.....	2.5	7.0	9.1	9.7	5.5	8.1	8.2	8.5	47.5	.4	3.8	.3	.3	
ID.....	2.5	8.1	10.9	11.3	5.6	9.4	9.8	9.8	68.4	4.1	1.0	.3	.3	
WY.....	1.3	5.4	6.6	6.5	2.8	6.2	5.9	5.7	118.8	-4.9	-3.8	.2	.2	
CO.....	9.0	30.8	47.5	49.8	20.0	35.5	42.5	43.5	77.4	19.6	2.5	1.1	1.4	
NM.....	3.2	10.7	16.3	16.9	7.2	12.3	14.8	14.8	71.3	17.9	1.6	.4	.5	
AZ.....	6.8	25.1	40.9	44.7	15.2	28.9	36.6	39.1	90.0	26.7	6.9	.8	1.2	
UT.....	3.5	11.7	17.5	18.3	7.9	13.5	15.7	16.0	71.7	16.3	2.0	.4	.5	
NV.....	2.4	9.3	13.8	14.9	5.4	10.7	12.3	13.0	98.0	15.7	5.6	.3	.4	
<b>Pac.</b> .....	<b>122.8</b>	<b>362.6</b>	<b>543.5</b>	<b>584.3</b>	<b>274.8</b>	<b>417.8</b>	<b>486.1</b>	<b>511.2</b>	<b>52.1</b>	<b>16.4</b>	<b>5.2</b>	<b>14.9</b>	<b>16.4</b>	
WA.....	14.2	44.6	62.3	67.0	31.8	51.4	55.7	58.8	61.3	8.5	5.2	1.7	1.9	
OR.....	8.2	26.1	34.1	36.0	18.3	30.0	30.5	31.5	84.3	1.5	3.2	1.0	1.0	
CA.....	95.0	278.1	422.7	456.1	212.6	318.1	378.1	398.0	49.6	18.9	5.6	11.5	12.7	
AK.....	1.5	5.6	8.6	9.5	3.5	6.5	8.6	8.3	86.7	33.6	-3.6	.2	.3	
HI.....	3.8	10.3	14.8	15.8	8.4	11.8	13.2	13.8	40.3	11.8	4.5	.5	.4	

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, August issues, and unpublished data.



NO. 682. PERSONAL INCOME PER CAPITA IN CURRENT AND CONSTANT (1982) DOLLARS—STATES: 1970 TO 1986

[See headnote, table 681]

REGION, DIVISION, AND STATE	CURRENT DOLLARS						CONSTANT (1982) DOLLARS					
	1970	1980	1984	1985	1986	Income rank		1970	1980	1984	1985	1986
						1980	1986					
U.S.....	4,051	9,919	13,114	13,907	14,641	(X)	(X)	9,063	11,427	12,131	12,439	12,832
<b>Region:</b>												
Northeast.....	4,553	10,604	14,615	15,591	16,875	(X)	(X)	10,186	12,216	13,520	13,945	14,615
Midwest.....	4,047	9,920	12,852	13,582	14,326	(X)	(X)	9,055	11,428	11,889	12,148	12,556
South.....	3,467	8,944	11,905	12,617	13,126	(X)	(X)	7,757	10,304	11,013	11,285	11,506
West.....	4,401	10,842	13,939	14,764	15,510	(X)	(X)	9,847	12,491	12,894	13,205	13,594
<b>New England.....</b>	<b>4,445</b>	<b>10,542</b>	<b>14,906</b>	<b>15,939</b>	<b>17,166</b>	<b>(X)</b>	<b>(X)</b>	<b>9,944</b>	<b>12,145</b>	<b>13,789</b>	<b>14,257</b>	<b>15,045</b>
Maine.....	3,405	8,224	11,201	11,857	12,790	39	33	7,617	9,475	10,362	10,606	11,209
New Hampshire.....	3,890	9,789	13,801	14,860	15,911	23	8	8,702	11,278	12,767	13,292	13,945
Vermont.....	3,604	8,578	11,538	12,415	13,348	35	29	8,063	9,882	10,773	11,105	11,699
Massachusetts.....	4,514	10,612	15,298	16,393	17,722	12	4	10,098	12,226	14,152	14,663	15,532
Rhode Island.....	4,050	9,516	12,993	13,682	14,579	27	20	9,060	10,963	12,019	12,308	12,777
Connecticut.....	5,037	12,110	17,036	18,229	19,600	2	1	11,268	13,952	15,759	16,305	17,178
<b>Middle Atlantic.....</b>	<b>4,588</b>	<b>10,624</b>	<b>14,516</b>	<b>15,472</b>	<b>16,508</b>	<b>(X)</b>	<b>(X)</b>	<b>10,264</b>	<b>12,240</b>	<b>13,428</b>	<b>13,839</b>	<b>14,468</b>
New York.....	4,855	10,718	14,967	15,942	17,111	10	5	10,861	12,348	13,846	14,259	14,996
New Jersey.....	4,805	11,579	16,268	17,398	18,626	4	2	10,749	13,340	15,049	15,562	16,324
Pennsylvania.....	4,042	9,893	12,738	13,540	14,249	18	21	9,043	11,397	11,784	12,111	12,488
<b>East North Central.....</b>	<b>4,151</b>	<b>10,079</b>	<b>12,980</b>	<b>13,727</b>	<b>14,467</b>	<b>(X)</b>	<b>(X)</b>	<b>9,286</b>	<b>11,612</b>	<b>12,007</b>	<b>12,278</b>	<b>12,679</b>
Ohio.....	4,033	9,723	12,569	13,276	13,933	25	22	9,022	11,202	11,627	11,875	12,211
Indiana.....	3,771	9,248	11,845	12,431	13,136	31	32	8,436	10,654	10,957	11,119	11,513
Illinois.....	4,563	10,640	14,069	14,788	15,586	7	9	10,208	12,488	13,009	13,227	13,660
Michigan.....	4,133	10,165	13,001	14,003	14,775	15	17	9,246	11,711	12,027	12,525	12,949
Wisconsin.....	3,889	9,846	12,561	13,147	13,909	20	23	8,700	11,343	11,620	11,759	12,190
<b>West North Central.....</b>	<b>3,791</b>	<b>9,533</b>	<b>12,546</b>	<b>13,238</b>	<b>13,992</b>	<b>(X)</b>	<b>(X)</b>	<b>8,481</b>	<b>10,983</b>	<b>11,606</b>	<b>11,841</b>	<b>12,263</b>
Minnesota.....	3,995	10,062	13,402	14,147	14,994	16	15	8,937	11,592	12,388	12,654	13,141
Iowa.....	3,804	9,538	11,943	12,510	13,348	26	30	8,510	10,988	11,048	11,190	11,699
Missouri.....	3,809	9,296	12,386	13,121	13,789	29	24	8,521	10,710	11,458	11,736	12,085
North Dakota.....	3,129	8,539	11,521	11,934	12,472	37	35	7,000	8,938	10,658	10,674	10,931
South Dakota.....	3,200	8,218	10,586	11,034	11,814	40	39	7,159	9,468	9,793	9,869	10,354
Nebraska.....	3,759	9,272	12,312	13,042	13,742	30	25	8,409	10,682	11,389	11,665	12,044
Kansas.....	3,770	9,941	13,137	13,907	14,650	17	18	8,434	11,453	12,153	12,439	12,840
<b>South Atlantic.....</b>	<b>3,694</b>	<b>9,171</b>	<b>12,466</b>	<b>13,302</b>	<b>14,086</b>	<b>(X)</b>	<b>(X)</b>	<b>8,264</b>	<b>10,566</b>	<b>11,532</b>	<b>11,898</b>	<b>12,345</b>
Delaware.....	4,587	10,241	13,442	14,308	15,010	14	13	10,262	11,798	12,435	12,798	13,155
Maryland.....	4,475	10,809	14,849	15,948	16,864	8	7	10,011	12,453	13,736	14,265	14,780
District of Columbia.....	5,250	12,279	17,037	18,362	19,397	(X)	(X)	11,745	14,146	15,760	16,424	17,000
Virginia.....	3,743	9,818	13,498	14,477	15,408	21	11	8,374	11,311	12,487	12,949	13,504
West Virginia.....	3,078	7,916	9,880	10,079	10,576	46	49	6,886	8,120	8,955	9,015	9,269
North Carolina.....	3,236	7,998	11,001	11,685	12,438	44	36	7,239	9,214	10,177	10,452	10,901
South Carolina.....	3,004	7,587	10,171	10,749	11,299	48	43	6,720	8,741	9,409	9,614	9,903
Georgia.....	3,377	8,350	11,805	12,638	13,446	38	28	7,555	9,620	10,920	11,304	11,784
Florida.....	3,943	9,765	13,033	13,897	14,646	24	19	8,821	11,250	12,056	12,430	12,836
<b>East South Central.....</b>	<b>2,997</b>	<b>7,750</b>	<b>10,127</b>	<b>10,669</b>	<b>11,243</b>	<b>(X)</b>	<b>(X)</b>	<b>6,705</b>	<b>8,929</b>	<b>9,368</b>	<b>9,543</b>	<b>9,854</b>
Kentucky.....	3,141	8,018	10,340	10,759	11,238	43	44	7,027	9,237	9,585	9,823	9,949
Tennessee.....	3,151	8,027	10,635	11,284	12,002	42	38	7,049	9,248	9,868	10,093	10,519
Alabama.....	2,945	7,704	10,115	10,760	11,338	47	42	6,588	8,876	9,357	9,624	9,935
Mississippi.....	2,597	6,927	8,916	9,279	9,716	50	50	5,810	7,980	8,248	8,300	8,515
<b>West South Central.....</b>	<b>3,418</b>	<b>9,325</b>	<b>12,081</b>	<b>12,688</b>	<b>12,735</b>	<b>(X)</b>	<b>(X)</b>	<b>7,647</b>	<b>10,743</b>	<b>11,176</b>	<b>11,349</b>	<b>11,161</b>
Arkansas.....	2,827	7,470	9,955	10,553	11,073	49	47	6,324	8,606	9,209	9,439	9,705
Louisiana.....	3,071	6,682	10,946	11,267	11,193	34	46	6,870	10,002	10,126	10,078	9,810
Oklahoma.....	3,436	9,395	11,725	12,173	12,283	28	37	7,687	10,824	10,846	10,888	10,765
Texas.....	3,629	9,795	12,780	13,488	13,478	22	26	8,119	11,285	11,822	12,064	11,812
<b>Mountain.....</b>	<b>3,725</b>	<b>9,442</b>	<b>12,045</b>	<b>12,704</b>	<b>13,203</b>	<b>(X)</b>	<b>(X)</b>	<b>8,333</b>	<b>10,878</b>	<b>11,142</b>	<b>11,363</b>	<b>11,571</b>
Montana.....	3,528	8,924	10,826	11,031	11,803	33	40	7,893	10,281	10,015	9,867	10,344
Idaho.....	3,467	8,570	10,361	10,859	11,223	36	45	7,756	9,873	9,585	9,713	9,836
Wyoming.....	3,797	11,339	12,252	12,940	12,781	6	34	8,494	13,063	13,334	13,174	11,202
Colorado.....	4,025	10,597	14,092	14,683	15,234	13	12	9,004	12,209	13,036	13,133	13,351
New Mexico.....	3,145	8,174	10,500	11,210	11,422	41	41	7,036	9,417	9,713	10,027	10,011
Arizona.....	3,799	9,161	11,969	12,616	13,474	32	27	6,477	10,594	11,072	11,465	11,809
Utah.....	3,297	7,953	10,110	10,661	10,981	45	48	7,376	9,162	9,352	9,536	9,824
Nevada.....	4,278	11,421	13,825	14,713	15,437	5	10	10,913	13,158	12,769	13,160	13,529
<b>Pacific.....</b>	<b>4,614</b>	<b>11,344</b>	<b>14,632</b>	<b>15,516</b>	<b>16,351</b>	<b>(X)</b>	<b>(X)</b>	<b>10,322</b>	<b>13,069</b>	<b>13,536</b>	<b>13,878</b>	<b>14,330</b>
Washington.....	4,165	10,727	13,411	14,128	15,009	9	14	9,318	12,358	12,406	12,637	13,154
Oregon.....	3,889	9,864	12,048	12,687	13,328	19	31	8,700	11,364	11,145	11,348	11,681
California.....	4,746	11,603	15,097	16,036	16,904	3	6	10,617	13,368	13,966	14,343	14,815
Alaska.....	5,073	13,830	18,109	18,444	17,796	1	3	13,349	15,933	16,752	16,497	15,597
Hawaii.....	4,944	10,616	13,161	14,080	14,886	11	16	11,060	12,320	12,175	12,594	13,046

X Not applicable.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, August issues; and unpublished data.

### NO. 683. PERCENT DISTRIBUTION AND AVERAGE ANNUAL PERCENT CHANGE OF SHARES OF NATIONAL INCOME, BY TYPE: 1970 TO 1986

[For definition of average annual percent change, see Guide to Tabular Presentation. See also headnote, table 674]

TYPE OF INCOME	PERCENT DISTRIBUTION						AVG. ANNUAL PERCENT CHANGE				
	1970	1975	1980	1984	1985	1986	1970-1975	1975-1980	1983-1984	1984-1985	1985-1986
<b>National income, total</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>9.1</b>	<b>11.3</b>	<b>11.4</b>	<b>6.6</b>	<b>5.9</b>
Compensation of employees.....	74.3	73.6	74.3	73.1	73.4	73.2	8.9	11.5	9.6	7.1	5.7
Wages and salaries.....	66.2	63.2	62.3	60.7	61.1	61.0	8.1	11.0	9.7	7.4	5.8
Supplements to wages, salaries.....	8.0	10.4	12.1	12.4	12.3	12.2	14.9	14.7	8.9	5.6	5.0
Proprietors' income <sup>1</sup> .....	9.6	9.7	8.2	7.7	8.0	8.5	9.4	7.6	22.8	9.7	12.6
Farm.....	1.8	2.0	.9	1.0	1.1	1.1	11.6	-4.2	-146.0	-2.6	25.3
Nonfarm.....	7.9	7.8	7.3	6.7	7.0	7.4	8.9	9.9	14.3	11.6	11.0
Rental income of persons <sup>2</sup> .....	2.2	1.0	.3	.3	.3	.5	-5.8	-13.3	-35.6	5.9	85.6
Corporate profits <sup>3</sup> .....	8.0	9.1	8.0	8.8	8.6	8.3	9.5	8.5	24.9	4.0	2.4
Profits before tax.....	9.1	10.5	10.8	7.9	7.0	6.8	12.1	12.0	15.6	-6.3	3.2
Profits after tax.....	5.0	6.5	6.9	4.8	4.0	3.7	15.0	12.7	12.0	-12.3	-1.0
Inventory valuation adjustment.....	-8	-9	-2.0	-2	(-2)	.2	(x)	(x)	(x)	(x)	(x)
Capital consumption adjustment.....	.6	-5	-8	1.1	1.7	1.3	(x)	(x)	92.4	63.6	-14.0
Net interest.....	4.9	6.5	9.1	10.1	9.8	9.5	15.3	19.1	8.5	3.4	3.4

X Not applicable. Z Less than .05 percent. <sup>1</sup> See footnote 1, table 674. <sup>2</sup> See footnote 2, table 674.

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 1987 issue.

### NO. 684. FLOW OF FUNDS ACCOUNTS—COMPOSITION OF INDIVIDUALS' SAVINGS: 1970 TO 1986

[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 586-594, for similar but not exactly comparable data]

COMPOSITION OF SAVINGS	1970	1975	1980	1981	1982	1983	1984	1985	1986
<b>Increase in financial assets</b> .....	<b>82.4</b>	<b>171.7</b>	<b>333.7</b>	<b>363.7</b>	<b>402.3</b>	<b>468.3</b>	<b>551.7</b>	<b>560.5</b>	<b>514.1</b>
Checkable deposits and currency.....	8.9	5.9	12.8	30.0	19.3	39.5	19.1	45.1	98.7
Time and savings deposits.....	43.6	76.8	126.2	66.2	126.7	196.6	224.6	140.0	109.3
Money market fund shares.....	-	1.3	29.2	107.5	24.7	-44.1	47.2	-2.2	20.6
Securities.....	-2	6.2	13.3	14.6	75.2	104.8	99.6	18.0	107.4
U.S. savings bonds.....	-11.3	3	4.0	-7.3	-4.3	.2	3.1	3.0	5.3
Other U.S. Treasury securities.....	-	12.8	27.0	38.1	53.3	63.6	71.8	-10.3	-65.9
U.S. Government agency securities.....	8.4	-4.7	7.0	11.4	2.2	-6.2	36.4	65.8	59.4
Tax-exempt obligations.....	-9	6.2	7.0	11.0	24.7	37.8	28.7	58.4	14.9
Corporate and foreign bonds.....	10.7	6.9	-11.7	-4.0	2.0	-12.7	-3.4	13.2	12.3
Open-market paper.....	-3.7	-11.6	-2.2	-8.6	-9.2	4.4	-5	47.8	-3.1
Mutual fund shares.....	2.6	-1	4.5	6.0	16.8	32.1	38.0	103.4	191.7
Other corporate equities.....	-4.3	-7.3	-10.8	-34.9	-14.7	-17.3	-74.3	-104.2	-115.4
Private life insurance reserves.....	5.2	7.9	9.7	8.9	7.0	7.8	5.0	10.4	10.2
Private insured pension reserves.....	2.9	8.7	22.3	29.5	39.7	40.2	45.2	63.4	63.6
Private noninsured pension reserves.....	6.9	38.8	51.2	37.8	36.7	48.7	20.3	10.2	4.9
Government insurance and pension reserves.....	8.9	15.1	35.3	39.7	43.9	53.5	63.9	66.5	68.1
Miscellaneous financial assets.....	6.3	11.1	33.5	29.4	29.1	19.2	26.9	46.9	31.0
<b>Gross investment in tangible assets</b> .....	<b>150.4</b>	<b>236.4</b>	<b>403.5</b>	<b>457.9</b>	<b>434.2</b>	<b>505.2</b>	<b>608.4</b>	<b>641.5</b>	<b>699.5</b>
Owner-occupied homes.....	28.1	51.9	113.6	111.2	89.9	124.9	154.5	162.0	178.7
Other fixed assets <sup>2</sup> .....	36.4	45.2	78.7	94.5	95.0	96.9	109.8	116.2	129.2
Consumer durables.....	85.7	135.4	219.3	239.9	252.7	289.1	331.2	359.3	386.1
Inventories <sup>3</sup> .....	.4	4.0	-9.1	12.3	-3.4	-7.6	12.9	4.1	3.5
<b>Capital consumption allowances</b> .....	<b>102.9</b>	<b>173.0</b>	<b>311.1</b>	<b>341.1</b>	<b>365.1</b>	<b>381.9</b>	<b>401.3</b>	<b>426.9</b>	<b>451.4</b>
Owner-occupied homes.....	13.5	24.4	47.0	51.4	54.3	57.0	59.8	63.9	67.0
Other fixed assets <sup>2</sup> .....	23.7	41.6	76.8	87.1	95.5	98.4	102.9	106.7	109.7
Consumer durables.....	65.6	107.0	187.4	202.5	215.4	226.4	238.5	256.3	274.8
<b>Net investment in tangible assets</b> .....	<b>47.5</b>	<b>63.4</b>	<b>92.4</b>	<b>116.6</b>	<b>69.0</b>	<b>123.3</b>	<b>207.1</b>	<b>214.6</b>	<b>248.1</b>
Owner-occupied homes.....	14.6	27.5	66.6	59.7	35.6	67.6	94.6	98.1	111.7
Other fixed assets <sup>2</sup> .....	12.7	3.6	3.0	7.4	.4	.4	6.9	9.5	19.5
Consumer durables.....	19.9	28.4	31.9	37.4	37.2	62.7	92.7	102.9	113.3
Inventories <sup>3</sup> .....	.4	4.0	-9.1	12.3	-3.4	-7.6	12.9	4.1	3.5
<b>Net increase in debt<sup>2</sup></b> .....	<b>41.4</b>	<b>76.7</b>	<b>177.2</b>	<b>179.1</b>	<b>140.4</b>	<b>279.6</b>	<b>336.5</b>	<b>393.9</b>	<b>392.6</b>
Mortgage debt on nonfarm homes.....	13.4	38.2	96.4	75.0	49.5	110.4	129.3	149.4	195.5
Other mortgage debt <sup>1</sup> .....	16.8	18.4	33.1	36.2	37.1	69.1	87.9	85.7	101.0
Consumer credit.....	5.5	9.1	4.5	22.6	17.7	56.8	95.0	96.6	65.8
Security credit.....	-1.8	.7	6.5	-1.7	3.8	8.4	-9.1	16.7	6.2
Other debt <sup>1</sup> .....	5.4	8.6	30.1	39.5	28.1	39.9	27.0	45.7	24.3
<b>Individuals' saving</b> .....	<b>88.6</b>	<b>158.5</b>	<b>249.0</b>	<b>301.5</b>	<b>330.9</b>	<b>312.0</b>	<b>422.3</b>	<b>381.2</b>	<b>369.6</b>
Less: Government insurance and pension reserves.....	8.9	15.1	35.3	39.7	43.9	53.5	63.9	66.5	68.1
Net investment in consumer durables.....	19.9	28.4	31.9	37.4	37.2	62.7	92.7	102.9	113.3
Capital gains dividends from mutual funds.....	.9	.2	1.8	2.7	2.4	4.4	6.0	4.9	17.5
Net saving by farm corporations.....	(2)	.5	.5	.2	.5	.6	.7	1.2	1.0
<b>Equals: Personal saving, flow of funds basis<sup>3</sup></b> .....	<b>58.9</b>	<b>114.3</b>	<b>179.5</b>	<b>221.4</b>	<b>247.0</b>	<b>190.8</b>	<b>259.0</b>	<b>205.7</b>	<b>169.7</b>

- Represents zero. Z Less than \$50 million. <sup>1</sup> Includes corporate farms. <sup>2</sup> Includes items not shown separately.

<sup>3</sup> Personal saving on national income account basis measures personal saving as income less taxes and consumption; flow-of-funds basis measures the same concept from acquisition of assets less borrowing.

Source: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts*, quarterly.

**NO. 685. ANNUAL GROWTH RATES OF REAL GROSS DOMESTIC PRODUCT—INTERNATIONAL COMPARISONS, SELECTED PERIODS: 1950-85 TO 1984-85**

[In percent. See also *Historical Statistics, Colonial Times to 1970*, series F 10-16. Minus sign (-) indicates decline]

COUNTRY	1950-85	1960-70	1970-75	1970-80	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85
United States.....	3.1	3.8	2.1	2.7	4.5	5.1	2.0	-	2.1	-2.5	3.4	6.6	2.9
Per capita.....	1.8	2.5	1.1	1.6	3.5	4.0	9	-1.1	1.0	-3.5	2.4	5.6	1.9
Canada.....	4.5	5.2	5.2	4.6	3.6	4.6	3.9	1.5	3.7	-3.3	3.1	5.6	3.9
Per capita.....	2.6	3.3	3.9	3.3	2.4	3.5	2.9	2	2.4	-4.5	2.1	4.6	3.0
France.....	4.1	5.6	4.0	3.6	3.1	3.8	3.3	1.1	5	1.8	7	1.5	1.1
Per capita.....	3.3	4.5	3.2	3.0	2.6	3.3	2.9	5	-1	1.2	3	1.1	7
Italy.....	4.2	5.7	2.4	3.1	1.9	2.7	4.9	3.9	2	-5	-2	2.8	2.3
Per capita.....	3.6	5.0	1.7	2.6	1.8	2.0	4.6	3.7	-	-8	-5	2.6	2.1
Japan.....	7.1	10.5	4.3	4.6	5.3	5.1	5.2	4.4	3.9	2.8	3.2	5.0	4.5
Per capita.....	6.0	9.3	2.8	3.4	4.3	4.1	4.3	3.6	3.1	2.2	2.4	4.3	3.9
United Kingdom.....	2.4	2.8	2.2	1.9	1.1	3.5	2.2	-2.3	-1.2	1.0	3.8	2.2	3.7
Per capita.....	2.1	2.2	2.0	1.8	1.1	3.6	2.1	-2.4	-1.3	1.0	3.7	1.9	3.5
West Germany.....	4.5	4.5	2.1	2.7	3.0	2.9	4.2	1.4	2	-6	1.5	2.7	2.6
Per capita.....	3.8	3.6	1.7	2.5	3.2	3.0	4.1	1.0	-	-6	1.9	3.2	2.9

- Represents zero. <sup>1</sup> Initial year 1951. <sup>2</sup> 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. 686. GROSS DOMESTIC PRODUCT OF SELECTED COUNTRIES AS PERCENT OF UNITED STATES: 1970 TO 1985**

[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	1981	1982	1983	1984	1985	1970	1975	1980	1981	1982	1983	1984	1985
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	94	93	93	92	93
France.....	22	24	24	24	25	24	23	23	90	100	103	102	107	105	100	99
Italy.....	14	14	15	14	15	14	14	14	54	56	59	59	60	59	57	57
Japan.....	33	36	39	40	42	42	42	42	65	70	77	78	83	83	82	84
United Kingdom.....	21	22	20	19	20	20	19	19	79	83	80	79	82	83	80	82
West Germany.....	30	30	30	30	30	30	29	29	102	105	112	111	114	114	111	112

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. 687. SELECTED INTERNATIONAL ECONOMIC INDICATORS: 1970 TO 1986**

[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
<b>GNP growth rates<sup>1</sup> (constant 1982 prices):</b>								
1970.....	-3	5.7	5.0	5.3	(NA)	2.2	9.9	2.5
1980.....	-2	1.0	1.5	3.9	8	-2.3	4.3	1.1
1982.....	-2.5	2.0	-1.0	-5	-1.7	1.2	3.1	-4.4
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	2.7	(NA)	2.2	2.5	2.9
<b>Ratio of gross fixed capital formation to GNP (current prices):</b>								
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
1982.....	17.1	20.8	20.6	19.0	18.3	16.4	29.7	22.1
1983.....	17.1	19.8	20.6	18.0	18.1	16.4	28.2	19.9
1984.....	18.0	19.0	20.2	17.9	18.5	17.4	27.8	18.9
1985.....	18.5	18.8	19.5	18.2	18.4	17.1	27.6	19.2
1986.....	(NA)	18.8	19.3	21.6	(NA)	17.1	27.7	20.2
<b>Ratio of savings to disposable personal income:</b>								
1970.....	8.1	16.7	14.7	21.6	14.0	9.6	18.2	5.3
1980.....	7.1	14.9	14.1	22.0	10.9	15.1	19.2	12.3
1982.....	6.8	15.7	13.8	24.0	14.5	12.9	17.6	15.2
1983.....	5.4	14.9	12.5	22.8	13.0	11.6	17.3	13.3
1984.....	6.1	13.5	13.0	23.0	14.0	11.9	16.0	13.2
1985.....	4.5	12.3	12.7	19.7	13.5	11.3	16.0	12.1
1986.....	4.3	12.2	13.2	(NA)	(NA)	11.0	(NA)	11.3

NA Not available. <sup>1</sup> Growth rates represent percentage change from preceding year. <sup>2</sup> Estimated.

Source: U.S. Dept. of Commerce, International Trade Administration, Office of Trade and Investment Analysis, *International Economic Indicators*, quarterly.

NO. 686. AVERAGE ANNUAL INCOME AND EXPENDITURES OF ALL CONSUMER UNITS: 1985

[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 population. Second, expenditures reported here are direct out-of-pocket expenditures. Third, approximately 95 percent of expenditures are covered in the interview. 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.]

ITEM	Income before taxes <sup>1</sup>	Total expenditures	Food	Alcoholic beverages	HOUSING					TRANSPORTATION			Other expenditures <sup>3</sup>	Life insurance	Retirement, pensions, Social Security	Personal taxes
					Total	Shelter	Fuel, utilities, and public services	Household operations	House furnishings	Appliances	Gasoline and motor oil	All other transportation <sup>2</sup>				
<b>All consumer units</b> .....	<b>25,127</b>	<b>22,217</b>	<b>3,394</b>	<b>283</b>	<b>1,648</b>	<b>346</b>	<b>854</b>	<b>1,161</b>	<b>1,035</b>	<b>3,521</b>	<b>1,037</b>	<b>3,085</b>	<b>278</b>	<b>1,738</b>	<b>2,240</b>	
Age of reference person:																
Under 25 years.....	11,726	12,964	1,954	282	2,290	711	99	453	691	2,774	396	1,774	57	664	838	
25-34 years.....	25,535	21,977	3,019	322	1,465	1,424	438	916	1,019	3,731	711	2,547	216	1,866	2,510	
35-44 years.....	32,016	28,068	4,235	334	1,930	1,930	449	1,108	1,267	4,452	917	3,795	367	2,469	3,075	
45-54 years.....	27,952	23,300	3,119	334	1,543	2,140	299	1,138	1,607	4,330	1,177	4,614	436	2,685	3,248	
55-64 years.....	27,952	23,300	3,119	334	1,543	2,140	299	1,138	1,607	4,330	1,177	4,614	436	2,685	3,248	
65-74 years.....	16,191	17,000	2,922	248	6,259	3,264	1,893	838	1,173	3,693	1,289	3,469	373	2,106	2,406	
75 years and over.....	12,306	12,347	2,027	84	4,157	2,058	420	394	402	2,438	1,539	2,362	236	588	1,021	
Region of residence:																
Northeast.....	25,400	21,567	3,631	301	3,753	1,723	292	813	1,197	3,137	875	3,089	220	1,667	1,936	
Midwest.....	24,120	21,469	3,290	275	3,508	1,725	302	802	1,096	3,083	1,053	2,987	207	1,720	2,251	
South.....	24,735	21,927	3,224	252	3,470	1,963	375	925	1,260	3,708	1,454	3,287	322	1,707	2,382	
West.....	26,901	24,509	3,563	329	3,043	1,417	411	978	1,275	3,964	993	3,267	229	1,898	2,277	
Size of consumer unit:																
Two persons.....	14,516	13,353	1,935	286	4,366	973	170	474	709	1,920	636	1,986	94	884	1,543	
Three persons.....	25,108	22,556	3,205	295	6,714	3,873	1,658	894	1,082	3,369	1,268	3,174	289	1,675	2,277	
Four persons.....	30,912	26,781	4,065	286	7,735	1,926	474	981	1,397	4,693	1,095	3,567	344	2,328	2,688	
Five persons.....	34,414	29,972	4,643	293	6,791	4,817	600	1,180	1,614	5,009	1,279	3,900	455	2,615	3,105	
Six persons or more.....	32,008	29,288	4,995	264	8,463	2,228	449	1,136	1,620	4,582	1,526	4,097	478	2,190	2,165	
Income before taxes:																
Complete income reporters <sup>1</sup> .....	25,127	22,539	3,362	286	6,694	1,638	341	862	1,168	3,570	1,049	3,147	285	1,994	2,240	
Quintiles of income:																
Lowest 20 percent.....	8,694	11,006	2,103	141	3,732	1,098	170	330	552	538	737	1,481	160	238	132	
Second 20 percent.....	10,911	14,131	2,507	188	4,461	1,342	203	469	685	781	1,020	1,717	154	556	473	
Third 20 percent.....	19,397	19,183	3,053	267	5,744	3,310	256	635	975	1,011	3,250	2,406	205	1,272	2,266	
Fourth 20 percent.....	30,967	25,932	3,816	321	7,516	4,316	343	1,021	1,300	1,314	4,318	3,357	352	2,789	3,527	
Highest 20 percent.....	60,741	42,374	5,323	483	11,989	7,050	3,688	1,850	2,326	1,578	6,862	6,761	551	5,038	6,526	
Incomplete reporting of income.....	(1)	19,690	3,652	262	3,732	1,724	384	790	954	3,140	939	2,591	(1)	(1)	(1)	

<sup>1</sup> 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 who provided values for at least 16 of the major sources of income. <sup>2</sup> Includes other private transportation and public transportation. <sup>3</sup> Entertainment, personal care, reading, education, tobacco and smoking supplies, cash contributions, and miscellaneous expenditures. For data on entertainment and reading, see table 364.

Source: U.S. Bureau of Labor Statistics, *Consumer Expenditure Survey: Interview Survey, 1985*, annual.



**No. 690. MONEY INCOME OF HOUSEHOLDS—PERCENT DISTRIBUTION BY INCOME LEVEL IN CONSTANT (1986) DOLLARS, BY RACE AND HISPANIC ORIGIN OF HOUSEHOLDER: 1970 TO 1986**

[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	
<b>ALL HOUSEHOLDS</b>										
1970	64,778	8.2	10.9	10.3	13.0	8.4	24.9	12.8	11.5	24,662
1975	72,867	6.8	12.6	11.4	10.7	10.5	20.8	14.8	12.3	24,039
1980	82,368	8.3	11.8	11.8	10.6	10.4	18.0	16.4	12.7	23,565
1981	83,527	8.5	12.4	12.2	11.3	9.9	17.5	16.0	12.4	22,995
1982	83,918	8.5	12.7	12.0	11.0	10.6	17.2	15.4	12.7	22,913
1983	85,290	8.3	12.3	11.9	11.1	10.3	16.9	15.6	13.5	23,131
1984	86,789	7.6	12.5	11.6	10.9	10.0	16.9	15.8	14.6	23,681
1985	88,458	7.5	12.2	11.3	10.8	9.9	16.9	16.0	15.4	24,072
1986	89,478	7.4	11.7	11.0	10.4	9.6	16.6	16.5	16.8	24,897
<b>WHITE</b>										
1970	57,575	7.3	10.2	9.8	12.8	8.4	25.8	13.4	12.2	25,687
1975	64,392	6.0	11.7	11.1	10.6	10.5	21.5	15.5	13.2	25,139
1980	71,872	7.1	10.9	11.4	10.5	10.5	18.6	17.3	13.7	24,862
1981	72,845	7.2	11.4	11.7	11.3	10.1	18.1	16.8	13.4	24,296
1982	73,162	7.2	11.8	11.5	11.0	10.8	17.8	16.1	13.7	23,988
1983	74,170	6.8	11.4	11.8	11.1	10.5	17.5	16.4	14.5	24,250
1984	75,328	6.3	11.7	11.2	10.9	10.2	17.5	16.7	15.8	24,862
1985	76,576	6.3	11.5	10.9	10.8	10.1	17.4	16.7	16.5	25,387
1986	77,284	6.0	11.0	10.6	10.3	9.7	17.0	17.3	17.9	26,175
<b>BLACK</b>										
1970	6,180	15.5	18.1	14.7	15.0	8.6	17.1	6.9	4.0	15,635
1975	7,489	14.5	21.3	14.1	11.8	10.6	15.1	8.3	4.3	15,092
1980	8,847	17.7	18.7	14.9	11.3	9.3	13.1	9.3	4.7	14,323
1981	8,961	18.9	20.2	15.3	11.2	8.7	12.5	8.9	4.2	13,634
1982	8,916	19.1	19.6	15.3	11.0	8.6	12.2	9.0	3.7	13,595
1983	9,243	19.1	19.9	14.5	11.6	8.6	12.2	9.0	5.0	13,727
1984	9,480	17.5	19.7	14.9	11.7	8.9	12.3	9.0	5.8	14,220
1985	9,797	17.3	18.6	13.9	12.3	8.6	13.0	10.1	6.2	15,104
1986	9,922	18.6	17.6	13.6	10.9	9.3	12.9	10.2	6.9	15,080
<b>HISPANIC</b>										
1975	2,948	9.4	15.7	16.3	13.5	11.8	18.6	9.8	4.9	18,060
1980	3,906	11.0	14.9	15.8	12.9	11.2	15.7	12.0	6.5	18,164
1981	3,980	10.2	15.9	14.7	13.2	11.6	16.4	11.8	6.2	18,445
1982	4,085	11.3	16.0	15.0	13.0	10.8	14.9	10.8	6.1	17,241
1983	4,886	11.5	17.9	14.3	12.9	11.2	14.8	11.0	6.3	17,382
1984	4,893	11.8	16.4	14.2	11.8	10.8	16.0	11.8	7.1	17,937
1985	5,213	10.7	17.5	14.6	12.1	10.8	15.4	11.3	7.7	17,801
1986	5,418	11.1	15.6	14.9	11.9	10.3	15.3	11.8	9.2	18,352

**No. 691. MONEY INCOME OF HOUSEHOLDS—MEDIAN HOUSEHOLD INCOME IN CURRENT AND CONSTANT (1986) DOLLARS, BY RACE AND HISPANIC ORIGIN OF HOUSEHOLDER: 1970 TO 1986**

[See headnote, table 690. Minus sign (–) indicates decrease. For definition of median, see Guide to Tabular Presentation]

YEAR	MEDIAN INCOME IN CURRENT DOLLARS (dol.)				MEDIAN INCOME IN CONSTANT (1986) DOLLARS (dol.)				ANNUAL PERCENT CHANGE OF MEDIAN INCOME OF ALL HOUSEHOLDS	
	All households <sup>1</sup>	White	Black	Hispanic <sup>2</sup>	All households <sup>1</sup>	White	Black	Hispanic <sup>2</sup>	Current dollars	Constant dollars
1970	8,734	9,097	5,537	(NA)	24,662	25,687	15,635	(NA)	6.9	1.7
1971	9,028	9,443	5,578	(NA)	24,442	25,565	15,102	(NA)	3.4	–.9
1972	9,697	10,173	5,938	7,677	25,415	26,663	15,563	20,121	7.4	4.0
1973	10,512	11,017	6,485	8,144	25,936	27,182	16,001	20,094	8.4	2.0
1974	11,197	11,710	6,984	8,906	24,896	26,036	15,484	19,802	6.5	–4.0
1975	11,800	12,340	7,408	8,865	24,039	25,139	15,092	18,060	5.4	–3.4
1976	12,686	13,289	7,902	9,589	24,435	25,596	15,220	18,431	7.5	1.6
1977	13,572	14,272	8,422	10,647	24,557	25,823	15,298	19,264	7.0	.5
1978	15,064	15,660	9,411	11,803	25,317	26,319	15,817	19,837	11.0	3.1
1979	16,461	17,259	10,133	13,042	24,866	26,071	15,307	19,701	9.3	–1.8
1980	17,710	18,684	10,764	13,651	23,565	24,862	14,323	18,164	7.6	–5.2
1981	19,074	20,153	11,309	15,300	22,995	24,296	13,634	18,445	7.7	–2.4
1982	20,171	21,117	11,968	15,178	22,913	23,988	13,595	17,241	5.8	–4.4
1983	21,018	22,035	12,479	15,794	23,131	24,250	13,727	17,382	4.2	1.0
1984	22,415	23,847	13,471	16,992	23,661	24,962	14,220	17,937	6.6	2.3
1985	23,618	24,908	14,819	17,465	24,072	25,387	15,104	17,801	5.4	1.7
1986	24,897	26,175	15,080	18,352	24,897	26,175	15,080	18,352	5.4	3.4

NA Not available. <sup>1</sup> Includes other races not shown separately. <sup>2</sup> Hispanic persons may be of any race. <sup>3</sup> Change from 1967.

Source of tables 690 and 691: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 157, and unpublished data.

**NO. 692. MONEY INCOME OF HOUSEHOLDS—PERCENT DISTRIBUTION BY MONEY INCOME LEVEL, BY SELECTED CHARACTERISTICS: 1986**

[Households as of March 1987. 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	15,000-19,999	20,000-24,999	25,000-34,999	35,000-49,999	50,000 and over	
<b>Total</b> <sup>1</sup> .....	<b>89,479</b>	<b>7.4</b>	<b>11.7</b>	<b>11.0</b>	<b>10.4</b>	<b>9.6</b>	<b>16.5</b>	<b>16.6</b>	<b>16.8</b>	<b>24,897</b>
<b>Age of householder:</b>										
15-24 years.....	5,197	15.0	16.3	17.8	13.8	11.9	14.7	7.6	3.0	15,310
25-34 years.....	20,502	6.1	8.2	10.0	11.9	11.7	20.7	18.8	12.7	25,898
35-44 years.....	18,703	4.5	6.0	7.1	8.1	9.1	18.8	22.2	24.4	32,787
45-54 years.....	13,211	5.1	5.8	6.9	7.2	7.7	16.2	21.3	29.8	35,660
55-64 years.....	12,868	7.7	10.2	10.3	9.1	9.6	16.5	16.6	20.1	26,778
65 years and over.....	18,993	11.2	25.0	17.5	13.2	8.7	10.8	7.4	6.3	13,845
<b>Race:</b>										
White.....	77,284	8.0	11.0	10.6	10.3	9.7	17.0	17.3	17.9	26,175
Black.....	9,922	18.7	17.6	13.8	10.9	9.3	12.8	10.2	6.9	15,080
Hispanic <sup>2</sup> .....	5,418	11.0	15.5	14.9	11.9	10.3	15.4	11.8	9.2	18,352
<b>Region:</b>										
Northeast.....	18,873	6.3	11.9	9.2	10.5	9.3	16.0	17.2	19.6	26,494
Midwest.....	21,973	7.2	11.7	11.0	10.5	9.8	17.6	17.0	15.1	24,851
South.....	30,620	9.5	12.1	12.2	10.7	9.9	15.9	15.2	14.5	22,578
West.....	18,014	5.4	10.8	10.9	9.6	9.3	17.0	17.4	18.6	27,001
<b>Size of household:</b>										
One person.....	21,128	17.4	24.9	15.9	12.4	8.9	11.9	6.2	3.0	12,155
Two persons.....	28,602	4.7	9.2	12.5	12.0	10.9	17.6	16.8	16.2	25,293
Three persons.....	16,159	5.2	7.4	8.0	9.1	9.4	17.8	20.8	22.4	31,004
Four persons.....	13,984	3.2	5.3	6.3	7.3	8.9	19.6	23.2	26.2	34,658
Five persons.....	6,162	3.8	5.9	6.5	7.3	8.8	19.2	22.4	26.2	34,166
Six persons.....	2,176	3.4	7.1	9.0	6.3	6.2	17.8	19.6	26.9	32,829
Seven persons or more.....	1,268	4.5	8.7	11.7	9.9	9.7	15.8	19.3	20.6	27,836
<b>Marital status:</b>										
Male householder.....	61,735	3.5	6.8	9.5	9.9	9.9	18.7	20.1	21.5	30,377
Married, wife present.....	48,573	1.9	5.0	8.3	9.3	9.7	19.2	22.0	24.5	32,923
Married, wife absent.....	1,569	10.0	14.1	13.1	12.4	11.5	15.5	13.4	9.6	20,109
Widowed.....	1,721	10.9	25.7	18.4	12.0	8.3	10.3	8.6	5.8	13,569
Divorced.....	3,887	9.1	11.3	11.5	11.4	10.5	18.0	15.3	12.9	22,967
Single (never married).....	5,985	9.4	11.5	13.7	12.6	11.2	18.4	12.8	10.5	21,129
Female householder.....	27,744	16.2	22.5	14.5	11.6	8.9	11.8	8.4	6.3	13,827
Married, husband present.....	2,964	2.4	6.7	7.8	8.8	8.9	20.1	19.8	25.4	32,217
Married, husband absent.....	2,638	27.1	23.8	16.4	10.3	7.8	7.7	4.5	2.3	9,736
Widowed.....	9,570	17.8	33.3	15.7	10.5	6.9	7.5	5.1	3.1	9,764
Divorced.....	6,487	14.5	17.7	14.9	13.7	11.0	14.9	8.6	4.7	15,933
Single (never married).....	6,086	17.4	17.8	14.4	12.9	10.4	12.8	9.1	5.2	15,151
<b>Education attainment of householder:</b>										
Elementary school.....	12,043	17.7	25.9	17.3	11.5	8.4	9.7	6.5	2.8	11,595
Less than 8 years.....	6,540	20.5	27.9	17.7	10.6	7.8	8.2	5.2	2.1	10,413
8 years.....	5,503	14.5	23.6	17.0	12.6	9.2	11.4	8.0	3.8	13,231
High school.....	42,991	8.1	12.9	12.6	12.0	11.0	17.6	15.7	10.2	21,875
1-3 years.....	10,968	12.8	20.2	15.6	12.2	10.3	12.9	10.2	5.9	15,524
4 years.....	32,023	6.4	10.4	11.6	11.9	11.2	19.3	17.6	11.7	24,271
College.....	34,445	3.1	5.3	6.8	8.0	8.4	17.9	21.0	29.8	35,460
1-3 years.....	15,456	4.6	8.1	9.3	10.2	9.8	19.7	19.7	18.6	28,644
4 years or more.....	18,989	1.6	3.0	4.8	6.3	7.3	15.9	22.1	39.0	41,677
<b>Tenure:</b>										
Owner occupied.....	57,258	4.4	8.6	8.9	9.2	9.1	17.4	19.8	22.7	30,587
Renter occupied.....	30,687	12.6	17.0	14.8	12.6	10.6	15.3	10.7	6.3	17,024
Occupier paid no cash rent.....	1,534	19.0	20.9	15.1	11.7	10.4	10.8	8.2	3.7	13,400

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

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 157.

**NO. 693. MONEY INCOME OF HOUSEHOLDS—AGGREGATE AND MEAN INCOME, BY RACE AND HISPANIC ORIGIN OF HOUSEHOLDER: 1985**

[As of March 1986. See headnote, table 690. For number of households by characteristic, see table 59. For definition of mean, see Guide to Tabular Presentation]

CHARACTERISTIC	ALL RACES <sup>1</sup>		WHITE		BLACK		HISPANIC <sup>2</sup>	
	Aggregate money income (bil. dol.)	Mean income (dol.)	Aggregate money income (bil. dol.)	Mean income (dol.)	Aggregate money income (bil. dol.)	Mean income (dol.)	Aggregate money income (bil. dol.)	Mean income (dol.)
<b>Total</b> .....	<b>2,571.1</b>	<b>29,066</b>	<b>2,317.1</b>	<b>30,259</b>	<b>189.4</b>	<b>19,335</b>	<b>113.8</b>	<b>21,823</b>
Age of householder:								
15-24 years old.....	97.5	17,708	87.8	18,567	7.6	11,223	8.4	15,419
25-34 years old.....	569.5	27,904	506.6	29,257	48.0	19,163	33.1	20,893
35-44 years old.....	640.8	35,606	573.4	37,184	48.2	23,696	28.7	24,408
45-54 years old.....	501.9	38,316	444.6	40,438	41.6	24,728	22.2	28,091
55-64 years old.....	411.8	32,045	379.3	33,342	24.7	19,721	13.3	23,253
65 years old and over.....	348.6	18,800	325.5	19,440	19.3	11,747	8.1	14,804
Region:								
Northeast.....	578.1	31,146	530.2	32,259	37.7	20,620	19.7	19,220
Midwest.....	615.0	28,149	568.1	28,916	39.0	20,204	8.6	24,012
South.....	819.7	27,044	717.8	28,945	92.0	17,826	36.5	21,801
West.....	558.3	31,475	501.0	31,920	20.7	23,618	49.0	22,713
Size of household:								
One person.....	338.8	15,997	303.5	16,550	30.0	11,995	9.7	12,135
Two persons.....	818.8	29,525	783.3	30,632	43.3	18,312	23.9	21,261
Three persons.....	551.8	34,300	497.8	36,001	40.1	21,347	23.1	22,428
Four persons.....	511.9	37,161	459.6	39,711	36.9	24,817	27.5	25,278
Five persons.....	228.0	36,495	195.5	38,095	22.9	25,807	15.3	24,879
Six persons.....	77.5	36,257	64.5	39,750	6.5	24,658	7.6	25,174
Seven persons or more.....	43.3	34,059	32.0	38,102	7.7	23,565	8.6	25,202
Education attainment of householder:								
Elementary school:								
Less than 8 years.....	92.2	13,938	73.1	14,470	16.0	11,612	22.2	15,247
8 years.....	98.1	17,329	89.4	17,721	7.8	13,293	7.3	17,615
High school:								
1-3 years.....	214.9	19,419	184.0	20,379	28.0	14,750	15.2	17,786
4 years.....	827.5	26,462	747.5	27,343	64.7	19,429	32.6	23,709
College:								
1-3 years.....	480.7	31,416	433.8	32,414	37.0	23,347	19.0	29,043
4 years or more.....	856.8	46,349	789.3	47,175	36.0	35,141	17.4	38,278
Occupation of longest job of householder:								
<b>Total</b> .....	<b>2,164.0</b>	<b>34,121</b>	<b>1,952.8</b>	<b>35,244</b>	<b>155.1</b>	<b>24,116</b>	<b>99.2</b>	<b>25,459</b>
Managerial and professional specialty.....	803.3	47,042	744.6	47,731	34.9	36,191	19.8	37,917
Technical, sales, and administrative support.....	518.1	33,497	470.9	34,487	35.2	23,570	19.6	27,118
Service workers.....	149.7	22,189	120.2	23,651	25.0	17,324	12.2	20,247
Farming, forestry, and fishing.....	45.6	19,756	41.8	20,183	2.1	12,061	3.4	16,550
Precision production, crafts, and repair.....	349.2	32,110	320.6	32,388	20.8	27,996	18.7	25,384
Operators, fabricators, and laborers.....	296.7	27,314	253.3	28,015	37.1	23,037	25.3	23,080

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

<sup>2</sup> Hispanic persons may be of any race.

<sup>3</sup> Includes in Armed Forces, not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 156.

**NO. 694. HOUSEHOLD TYPE, BY MEDIAN INCOME AND INCOME LEVEL: 1985**

[Households as of March 1986. See headnote, table 690]

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
<b>Median income (dol.):</b>										
<b>All households</b> .....	<b>23,618</b>	<b>28,022</b>	<b>31,161</b>	<b>24,354</b>	<b>14,316</b>	<b>13,798</b>	<b>11,884</b>	<b>16,312</b>	<b>9,774</b>	<b>28,773</b>
White.....	24,908	29,404	31,680	25,799	16,544	14,391	12,327	17,267	10,138	30,053
Black.....	14,819	17,053	24,685	16,901	9,574	9,571	6,380	11,114	6,691	19,573
Hispanic <sup>1</sup> .....	17,465	19,478	22,366	22,430	8,993	10,914	8,984	11,507	6,581	21,000
<b>Number (1,000):</b>										
<b>All households</b> .....	<b>88,458</b>	<b>83,558</b>	<b>50,933</b>	<b>2,414</b>	<b>10,211</b>	<b>24,900</b>	<b>21,178</b>	<b>8,285</b>	<b>12,893</b>	<b>3,722</b>
Under \$5,000.....	6,784	2,947	1,103	152	1,693	3,837	3,748	1,064	2,694	88
\$5,000-\$9,999.....	10,997	5,307	2,984	251	2,072	5,690	5,401	1,506	3,895	288
\$10,000-\$14,999.....	10,149	6,436	4,665	246	1,525	3,719	3,364	1,264	2,099	350
\$15,000-\$19,999.....	9,674	6,629	5,042	277	1,311	3,048	2,589	1,107	1,492	447
\$20,000-\$24,999.....	8,638	6,528	5,189	317	1,021	2,310	1,899	865	1,034	412
\$25,000-\$34,999.....	15,007	11,894	10,147	457	1,290	3,114	2,390	1,334	1,056	724
\$35,000-\$49,999.....	13,947	12,052	10,794	401	857	1,897	1,132	691	440	784
\$50,000 and over.....	13,061	11,767	11,010	314	442	1,294	645	453	192	649

<sup>1</sup> Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 156.



**No. 695. MONEY INCOME OF HOUSEHOLDS—MEAN AFTER-TAX HOUSEHOLD INCOME IN CONSTANT (1985) DOLLARS, BY SELECTED CHARACTERISTICS: 1980 TO 1985**

[Households as of March of following year. Estimates of after-tax income were derived from tax simulation procedures based on a "statistical" combination of data from the Internal Revenue Service, summaries of State individual income tax regulations, data on the characteristics of persons paying FICA payroll taxes from the Social Security Administration, property tax information from the Annual Housing Survey, and the March Current Population Survey microdata file. For additional information on methodology see source. For composition of regions, see fig. 1, inside front cover]

CHARACTERISTIC	AFTER-TAX HOUSEHOLD INCOME						PERCENT CHANGE				
	1980	1981	1982	1983	1984	1985	1980-1981	1981-1982	1982-1983	1983-1984	1984-1985
<b>All households.....</b>	<b>21,243</b>	<b>20,694</b>	<b>21,093</b>	<b>21,753</b>	<b>22,333</b>	<b>22,646</b>	-2.6	1.9	3.1	2.7	1.4
<b>Age of householder:</b>											
Under 65 years.....	23,028	22,291	22,647	23,312	23,928	24,368	-3.2	1.6	2.9	2.6	1.8
65 years old and over.....	14,948	14,577	15,267	15,857	16,307	16,198	1.7	4.7	3.9	2.8	-1.7
<b>Race and Hispanic origin:</b>											
White.....	22,001	21,463	21,871	22,577	23,168	23,484	-2.4	1.9	3.2	2.6	1.4
Black.....	14,948	14,292	14,454	14,827	15,327	15,790	-4.4	1.1	2.6	3.4	3.0
Hispanic <sup>3</sup> .....	17,689	17,525	17,043	17,927	17,978	17,920	-0.9	-2.8	1.7	3.8	-3.3
<b>Region:</b>											
Northeast.....	21,212	20,672	21,087	22,105	22,786	23,648	-2.5	2.0	4.8	3.1	3.8
Midwest.....	21,458	20,688	20,928	21,323	21,609	21,910	-3.6	1.2	1.9	1.3	1.4
South.....	20,363	19,998	20,517	21,147	21,699	21,567	-1.8	2.6	3.1	2.6	-1.6
West.....	22,479	21,908	22,289	22,960	23,860	24,350	-2.5	1.7	3.0	3.9	2.1
<b>Type of family:</b>											
Married couples with children <sup>2</sup> .....	26,787	25,743	26,117	26,843	27,797	28,390	-3.9	1.5	2.8	3.6	2.1
Married couples without children <sup>2</sup> .....	25,277	24,980	25,522	26,623	27,398	27,712	-1.2	2.2	4.3	2.9	1.1
Female householders with related children <sup>3</sup> .....	12,913	12,503	12,132	12,220	12,679	13,093	-3.2	-3.0	.7	3.8	3.3

<sup>1</sup> Hispanic persons may be of any race. <sup>2</sup> Related children under 18 years old. <sup>3</sup> No husband present.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 151, and unpublished data.

**No. 696. NUMBER OF HOUSEHOLDS PAYING TAXES AND AMOUNT OF TAXES BY TYPE OF TAX AND BEFORE-TAX MONEY INCOME: 1985**

[Households as of March 1986. See headnote, table 690]

TYPE OF TAX	Unit	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
<b>All households.....</b>	<b>1,000.....</b>	<b>88,458</b>	<b>6,783</b>	<b>10,997</b>	<b>10,149</b>	<b>9,674</b>	<b>8,838</b>	<b>15,007</b>	<b>13,947</b>	<b>13,060</b>
<b>Households paying—</b>										
One or more taxes <sup>1</sup> .....	1,000.....	81,943	3,769	8,275	9,566	9,531	8,804	14,991	13,946	13,059
Federal income taxes.....	1,000.....	68,019	256	2,418	6,674	8,348	8,449	14,897	13,929	13,049
State income taxes.....	1,000.....	57,033	524	2,970	5,575	6,636	6,774	12,183	11,445	10,927
FICA payroll taxes.....	1,000.....	66,090	1,971	4,825	6,699	7,239	7,274	13,005	12,854	12,225
Federal retirement taxes.....	1,000.....	3,361	37	82	162	206	269	758	907	940
Property taxes.....	1,000.....	53,298	2,294	4,683	4,874	5,096	5,077	9,909	10,402	10,982
<b>Taxes paid.....</b>	<b>Bil. dol.....</b>	<b>569.3</b>	<b>1.7</b>	<b>6.2</b>	<b>13.8</b>	<b>23.3</b>	<b>33.0</b>	<b>67.0</b>	<b>130.2</b>	<b>273.9</b>
<b>Percent of taxes paid:</b>										
Federal income taxes.....	Percent.....	55.9	1.7	13.3	31.7	41.9	46.2	49.1	53.2	64.1
State income taxes.....	Percent.....	13.3	1.4	4.9	8.6	10.2	11.2	12.6	13.4	14.5
FICA payroll taxes.....	Percent.....	22.0	21.2	31.8	35.5	32.4	30.4	27.5	25.0	16.0
Federal retirement taxes.....	Percent.....	1.2	.4	.5	.8	.9	1.1	1.6	1.5	1.1
Property taxes.....	Percent.....	7.6	75.3	49.6	23.5	14.5	11.0	9.1	6.9	4.3
<b>Average tax paid<sup>2</sup>.....</b>	<b>Dollars.....</b>	<b>6,947</b>	<b>439</b>	<b>748</b>	<b>1,446</b>	<b>2,452</b>	<b>3,755</b>	<b>5,804</b>	<b>9,339</b>	<b>20,976</b>
Federal income taxes.....	Dollars.....	4,675	110	339	856	1,174	1,807	2,866	4,979	13,456
State income taxes.....	Dollars.....	1,330	45	102	214	360	549	903	1,521	3,642
FICA payroll taxes.....	Dollars.....	1,894	178	408	738	1,046	1,382	1,842	2,530	3,588
Federal retirement taxes.....	Dollars.....	2,094	(b)	373	667	1,055	1,390	1,828	2,189	3,121
Property taxes.....	Dollars.....	811	543	658	666	665	719	801	863	1,068

<sup>B</sup> Base figure too small to meet statistical standards for reliability of derived figure.

<sup>1</sup> Figures will not add as more than one type of tax may be reported for each household. <sup>2</sup> Based on households paying taxes.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 151, and unpublished data.

**NO. 697. MONEY INCOME OF HOUSEHOLDS—MEAN INCOME AND INCOME PER HOUSEHOLD MEMBER BEFORE AND AFTER TAXES, BY SELECTED CHARACTERISTICS: 1985**

[Households as of March 1986. See headnote, table 695]

CHARACTERISTIC	MEAN HOUSEHOLD INCOME		INCOME PER HOUSEHOLD MEMBER		Taxes as a percent of income	CHARACTERISTIC	MEAN HOUSEHOLD INCOME		INCOME PER HOUSEHOLD MEMBER		Taxes as a percent of income
	Before taxes	After taxes	Before taxes	After taxes			Before taxes	After taxes	Before taxes	After taxes	
<b>All households.....</b>	<b>29,066</b>	<b>22,646</b>	<b>10,984</b>	<b>8,480</b>	<b>22.1</b>	<b>Region:</b>					
<b>Age of householder:</b>						Northeast.....	31,146	23,648	11,717	8,696	24.1
15-24 years.....	17,708	14,515	7,681	6,296	18.0	Midwest.....	28,149	21,910	10,498	8,171	20.2
25-29 years.....	25,697	20,142	9,723	7,821	21.6	South.....	27,044	21,567	10,176	8,116	22.3
30-34 years.....	29,935	23,075	9,738	7,507	22.9	West.....	31,475	24,350	11,691	9,044	22.6
35-39 years.....	34,166	25,926	10,083	7,551	24.1	<b>Type of family:</b>					
40-44 years.....	37,456	28,320	10,861	8,212	24.4	Family households.....	33,182	25,818	10,235	7,964	22.2
45-49 years.....	39,129	29,506	12,107	9,130	24.6	Married couple families:					
50-54 years.....	37,453	28,308	13,029	9,848	24.4	With no children <sup>2</sup> .....	35,852	27,712	15,083	11,658	22.7
55-59 years.....	34,561	26,176	13,525	10,244	24.3	With children <sup>2</sup> .....	36,847	28,390	8,600	6,780	23.0
60-64 years.....	29,431	22,864	13,392	10,404	22.3	Female householders <sup>2</sup> .....	15,284	13,093	4,526	3,982	14.2
65 years and over.....	18,800	16,198	10,622	9,152	13.8	Nonfamily households.....	18,559	14,550	15,313	12,005	21.6
<b>Race and Hispanic origin:</b>						<b>Tenure:</b>					
White.....	30,259	23,484	11,531	8,949	22.4	Owner occupied.....	34,066	26,188	12,027	9,246	23.1
Black.....	19,335	15,790	6,676	5,452	18.3	Renter occupied, incl. no cash rent.....	20,267	16,413	8,496	6,880	19.0
Hispanic <sup>1</sup> .....	21,823	17,920	6,358	5,221	17.9						

<sup>1</sup> Hispanic persons may be of any race. <sup>2</sup> Related children under 18 years. <sup>3</sup> No husband present, with related children under 18 years.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-23, No. 151, and unpublished data.

**NO. 698. 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					
	Number (1,000)	Aggregate income after taxes (bil. dol.)	Households		Average income		Spendable discretionary income	
			Number (1,000)	Percent of all households	Before taxes (dol.)	After taxes (dol.)	Aggregate income (bil. dol.)	Average income (dol.)
<b>Total.....</b>	<b>83,918</b>	<b>1,707.3</b>	<b>26,409</b>	<b>31.5</b>	<b>46,764</b>	<b>34,562</b>	<b>277.9</b>	<b>10,525</b>
<b>Age of householder:</b>								
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.....	17,871	281.8	4,748	26.9	34,716	28,375	50.0	10,531
<b>Race and Hispanic origin of householder:</b>								
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	14.8	8,555
Hispanic <sup>1</sup> .....	4,085	67.2	680	16.1	46,172	34,879	6.0	9,119
<b>Size of household:</b>								
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	4,848	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	22.9	11,420
Six persons or more.....	4,028	106.3	1,364	33.9	56,734	43,216	18.2	13,337
<b>Household income:</b>								
Under \$15,000.....	29,156	213.7	828	2.8	12,589	11,607	1.3	1,569
\$15,000-\$19,999.....	9,888	147.0	1,012	10.2	17,640	15,312	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	3,295	63.3	37,500	29,080	17.8	5,446
\$40,000-\$49,999.....	6,854	231.3	5,479	79.9	44,806	39,997	42.8	7,813
\$50,000-\$74,999.....	6,556	282.7	6,356	96.8	58,378	49,312	90.8	14,157
\$75,000 and over.....	2,633	173.5	2,693	100.0	100,836	65,900	94.4	35,852

<sup>1</sup> Hispanic persons may be of any race.

Source: U.S. Bureau of the Census and the Conference Board, *A Marketer's Guide to Discretionary Income*, 1985.

**NO. 699. MONEY INCOME OF FAMILIES—PERCENT DISTRIBUTION BY INCOME LEVEL IN CONSTANT (1986) DOLLARS, BY RACE AND HISPANIC ORIGIN OF HOUSEHOLDER: 1970 TO 1986**

[Families as of March of following year. Beginning with 1980, based on household concept and restricted to primary families. For definition of race, family, and householder, see text, section 1. Based on Current Population Survey; see text, sections 1 and 4 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	
<b>ALL FAMILIES</b>										
1970	52,227	3.8	7.9	9.5	13.4	8.8	28.6	14.7	19.4	27,852
1975	56,245	3.3	8.3	10.3	10.5	11.0	27.0	14.7	14.8	27,949
1980	60,909	4.6	8.0	10.5	10.3	10.8	20.3	19.9	15.9	27,574
1982	61,993	5.3	9.0	10.7	10.7	11.0	19.3	18.4	15.6	26,618
1983	62,016	5.2	8.9	10.4	10.6	10.6	19.0	18.7	16.5	27,155
1984	62,706	4.8	8.7	10.2	10.3	10.2	18.7	19.0	18.0	27,903
1985	63,558	4.7	8.3	10.0	10.3	10.1	18.4	19.0	19.1	28,269
1986	64,491	4.6	7.8	9.7	9.7	9.9	18.1	19.5	20.7	29,458
<b>WHITE</b>										
1970	46,535	3.2	6.9	8.8	13.1	8.7	29.6	15.4	14.2	28,904
1975	49,873	2.8	7.2	9.8	10.3	11.0	27.9	15.3	15.8	29,067
1980	52,710	3.5	6.7	9.8	10.1	10.9	21.0	20.9	17.0	29,146
1982	53,407	4.2	7.8	10.2	10.7	11.2	19.9	19.3	16.9	27,948
1983	53,890	4.0	7.7	9.9	10.6	10.8	19.6	19.7	17.7	28,435
1984	54,400	3.6	7.5	9.6	10.1	10.4	18.4	20.0	19.3	29,226
1985	54,991	3.7	7.3	9.4	10.1	10.3	19.0	19.8	20.5	29,713
1986	55,676	3.5	6.7	9.0	9.7	9.9	18.6	20.6	22.1	30,809
<b>BLACK</b>										
1970	4,928	9.8	17.0	15.2	16.3	9.4	19.9	7.9	4.5	17,730
1975	5,586	8.8	19.0	14.9	12.5	11.8	19.4	8.3	5.3	17,885
1980	6,317	12.1	18.0	15.4	11.8	10.1	15.0	11.7	6.1	16,864
1982	6,530	15.0	19.0	15.2	10.8	9.7	14.9	10.8	4.5	15,447
1983	6,681	14.8	18.9	14.1	11.4	9.6	14.6	10.4	6.2	16,025
1984	6,778	14.0	18.4	14.7	12.0	9.5	13.7	10.8	7.1	16,289
1985	6,921	13.2	16.9	14.2	12.8	9.0	14.4	12.0	7.4	17,109
1986	7,096	14.0	16.2	13.8	10.7	9.6	14.7	12.4	8.7	17,604
<b>HISPANIC<sup>1</sup></b>										
1975	2,499	6.9	14.6	16.2	13.8	12.1	22.1	9.0	5.2	19,457
1980	3,235	8.3	13.7	15.8	13.3	11.9	17.0	13.2	6.9	19,582
1982	3,369	8.9	16.9	15.0	13.5	11.3	15.5	11.9	6.6	18,493
1983	3,788	9.2	16.4	14.4	13.7	12.0	15.7	11.9	6.9	18,632
1984	3,939	9.2	14.8	14.4	11.9	11.3	17.3	13.1	8.0	19,879
1985	4,206	8.2	16.5	14.8	12.0	11.2	16.2	12.6	8.5	19,393
1986	4,403	8.7	14.6	15.1	11.6	10.8	16.4	12.6	10.2	19,995

<sup>1</sup> Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-80, No. 157, and unpublished data.

**NO. 700. MONEY INCOME OF FAMILIES—MEDIAN FAMILY INCOME IN CURRENT AND CONSTANT (1986) DOLLARS, BY RACE AND HISPANIC ORIGIN OF HOUSEHOLDER: 1960 TO 1986**

[See headnote, table 699. For definition of median, see Guide to Tabular Presentation. Minus sign (-) indicates decrease]

YEAR	MEDIAN INCOME IN CURRENT DOLLARS (dol.)				MEDIAN INCOME IN CONSTANT (1986) DOLLARS (dol.)				ANNUAL PERCENT CHANGE OF MEDIAN INCOME OF ALL FAMILIES	
	All families <sup>1</sup>	White	Black	Hispanic <sup>2</sup>	All families <sup>1</sup>	White	Black	Hispanic <sup>2</sup>	Current dollars	Constant dollars
1960	5,620	5,835	3,230	(NA)	20,807	27,603	11,959	(NA)	4.9	2.9
1965	6,957	7,251	3,993	(NA)	24,176	25,198	13,876	(NA)	4.4	3.1
1970	9,867	10,236	6,279	(NA)	27,862	28,904	17,730	(NA)	7.2	2.9
1971	10,285	10,672	6,440	(NA)	27,845	28,893	17,435	(NA)	4.2	.1
1972	11,116	11,549	6,864	8,183	29,134	30,269	17,990	21,447	8.1	4.6
1973	12,051	12,595	7,269	8,715	29,734	31,076	17,935	21,503	8.4	2.1
1974	12,902	13,408	8,006	9,540	28,697	29,812	17,801	21,211	7.1	-3.1
1975	13,719	14,268	8,779	9,551	27,949	29,067	17,885	19,457	6.3	-2.6
1976	14,958	15,537	9,242	10,259	28,811	29,926	17,801	19,760	9.0	3.1
1977	16,009	16,740	9,563	11,421	28,966	30,269	17,903	20,685	7.0	.5
1978	17,640	18,368	10,879	12,566	29,647	30,870	18,284	21,119	10.2	2.4
1979	19,587	20,439	11,574	14,169	29,588	30,875	17,483	21,409	11.0	-2
1980	21,023	21,904	12,674	14,716	27,974	29,146	16,864	19,582	7.3	-5.5
1981	22,368	23,517	13,266	16,401	26,991	28,352	15,993	19,773	6.5	-3.5
1982	23,433	24,603	13,598	16,227	26,618	27,948	15,447	18,433	4.7	-1.4
1983	24,674	25,837	14,561	16,930	27,155	28,435	16,025	18,632	5.3	2.0
1984	26,493	27,686	15,432	18,893	27,903	29,226	16,290	19,879	7.1	2.8
1985	27,735	29,152	16,786	19,027	28,269	29,713	17,109	19,393	4.9	1.3
1986	29,458	30,809	17,604	19,995	29,458	30,809	17,604	19,995	6.2	4.2

NA Not available. <sup>1</sup> Includes other races not shown separately. <sup>2</sup> Hispanic persons may be of any race. <sup>3</sup> For 1960 and 1965, Black and other races. <sup>4</sup> Change from 1955.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-80, No. 157, and unpublished data.

**No. 701. MONEY INCOME OF FAMILIES—INCOME AND PERCENT OF AGGREGATE INCOME AT SELECTED POSITIONS RECEIVED BY EACH FIFTH AND TOP 5 PERCENT OF FAMILIES: 1986**

[Families as of March 1987. For composition of regions, see fig. 1, inside front cover. Based on Current Population Survey; see headnote, table 699. See also *Historical Statistics, Colonial Times to 1970*, series G 31-138]

ITEM	All families	RACE			REGION			
		White	Black and other		Northeast	Midwest	South	West
			Total	Black				
<b>Number (1,000)</b> .....	<b>64,691</b>	<b>55,676</b>	<b>8,815</b>	<b>7,096</b>	<b>13,367</b>	<b>15,844</b>	<b>22,536</b>	<b>12,744</b>
<b>INCOME AT SELECTED POSITIONS (dollars)</b>								
Upper limit of each fifth:								
Lowest.....	13,886	15,200	7,680	6,792	16,020	14,498	12,223	14,600
Second.....	24,020	25,452	15,000	13,400	26,508	24,500	21,500	25,424
Third.....	35,015	36,300	25,000	22,700	38,200	34,671	32,260	36,580
Fourth.....	50,370	51,760	39,882	35,780	54,451	48,960	47,500	52,908
Top 5 percent.....	82,273	84,627	67,295	59,000	88,324	77,053	78,850	87,104
<b>PERCENT DISTRIBUTION OF AGGREGATE INCOME</b>								
Lowest fifth.....	4.6	5.0	3.4	3.4	4.9	4.9	4.3	4.8
Second fifth.....	10.8	11.2	8.8	8.8	11.2	11.5	10.2	10.9
Third fifth.....	16.8	16.9	15.5	15.6	16.9	17.4	16.4	16.8
Fourth fifth.....	24.0	23.8	24.9	25.2	24.0	24.1	24.0	23.9
Highest fifth.....	43.7	43.1	47.4	47.0	43.1	42.0	45.1	43.5
Top 5 percent.....	17.0	16.8	18.0	17.5	16.5	15.9	17.9	16.9

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 157.

**No. 702. MONEY INCOME OF FAMILIES—MEDIAN FAMILY INCOME BY RACE AND HISPANIC ORIGIN: 1986**

[Families as of March 1987. Based on Current Population Survey; see text, section 1, and Appendix III. For composition of regions, see fig. 1, inside front cover. For definition of median, see Guide to Tabular Presentations]

CHARACTERISTIC	NUMBER (1,000)				MEDIAN FAMILY INCOME (dollars)			
	All families	White	Black	Hispanic <sup>1</sup>	All families	White	Black	Hispanic <sup>1</sup>
<b>All families</b> .....	<b>64,491</b>	<b>55,676</b>	<b>7,096</b>	<b>4,403</b>	<b>29,458</b>	<b>30,809</b>	<b>17,604</b>	<b>19,995</b>
<b>Region:</b>								
Northeast.....	13,367	11,873	1,223	864	32,160	33,348	20,902	17,153
Midwest.....	15,844	14,260	1,370	274	29,584	30,511	17,360	21,710
South.....	22,536	18,405	3,871	1,430	26,708	29,141	16,236	18,949
West.....	12,744	11,137	632	1,835	30,965	31,378	22,149	21,226
<b>Type of family:</b>								
Married-couple families.....	51,537	46,410	3,742	3,118	32,805	33,426	26,583	23,912
Wife in paid labor force.....	28,498	25,202	2,448	1,584	38,346	38,972	31,949	30,206
Wife not in paid labor force.....	23,038	21,208	1,295	1,535	25,803	26,421	16,766	17,507
Male householder, no wife present.....	2,510	2,038	388	253	24,962	26,247	18,731	20,894
Female householder, no husband present.....	10,445	7,227	2,967	1,032	13,647	15,716	9,300	9,432
<b>Number of earners:<sup>2</sup></b>								
Total.....	63,618	54,979	6,945	4,363	29,515	30,869	17,328	19,994
No earners.....	9,391	7,820	1,401	590	12,506	14,252	5,798	6,311
One earner.....	17,945	15,175	2,276	1,454	22,310	24,026	13,116	14,362
Two earners.....	27,228	24,015	2,440	1,713	35,108	35,848	27,694	26,376
Three earners.....	6,408	5,631	605	418	44,308	45,251	36,029	33,111
Four or more earners.....	2,647	2,338	223	190	55,655	57,037	43,345	40,185

<sup>1</sup> Hispanic persons may be of any race.

<sup>2</sup> Excludes families with members who are in the Armed Forces.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 157.

**NO. 703. MONEY INCOME OF FAMILIES—PERCENT DISTRIBUTION BY INCOME LEVEL, BY RACE AND HISPANIC ORIGIN OF HOUSEHOLDER, AND SELECTED CHARACTERISTICS: 1985**

(Families as of March 1986. See headnote, table 699. 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)

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- \$19,999	\$20,000- \$24,999	\$25,000- \$29,999	\$30,000- \$39,999	\$40,000- \$49,999	\$50,000 and over	
<b>All families</b> <sup>1</sup> .....	<b>63,558</b>	<b>4.8</b>	<b>8.5</b>	<b>10.2</b>	<b>10.5</b>	<b>10.3</b>	<b>9.7</b>	<b>16.5</b>	<b>11.2</b>	<b>18.2</b>	<b>27,735</b>
White, total .....	54,991	3.7	7.5	9.7	10.3	10.4	10.1	17.0	11.7	19.6	29,152
Northeast .....	11,684	3.3	6.6	8.7	9.1	9.5	9.7	17.2	13.4	22.7	31,491
Midwest .....	14,200	4.1	6.9	9.2	10.1	10.7	10.9	18.8	11.6	17.6	28,964
South .....	18,211	4.0	8.3	11.1	11.3	10.9	9.8	15.7	10.7	18.2	27,104
West .....	10,897	3.2	7.6	9.2	9.8	10.2	9.6	16.7	12.2	21.6	30,239
Householder completed <sup>2</sup> —											
Elementary school:											
Less than 8 years .....	3,371	8.5	23.1	21.4	15.7	9.4	7.5	4.3	2.6	14,194	
8 years .....	3,294	5.8	14.5	19.1	14.5	12.4	9.3	12.7	6.7	5.1	18,486
High school:											
1-3 years .....	6,031	5.8	11.9	15.9	15.0	12.8	10.3	12.6	8.2	7.5	20,519
4 years .....	18,979	3.2	6.4	9.0	11.1	11.5	11.9	20.4	12.5	14.0	28,608
College:											
1-3 years .....	8,902	1.7	4.0	5.8	8.2	10.5	11.5	21.0	15.3	22.2	33,398
4 years or more .....	11,744	.8	1.3	3.0	4.1	6.0	6.8	16.7	15.3	46.0	47,116
Black, total .....	6,921	13.5	17.1	14.3	13.0	9.0	8.0	11.9	6.3	7.0	16,786
Northeast .....	1,252	12.0	16.7	12.0	14.9	8.3	5.4	12.9	7.4	10.1	18,085
Midwest .....	1,368	16.0	19.1	12.5	11.0	7.9	7.1	10.6	6.7	9.1	15,956
South .....	3,710	13.9	17.4	16.4	13.3	9.6	8.3	11.6	5.0	4.7	15,816
West .....	591	8.5	12.4	10.1	11.3	8.9	12.9	14.5	11.6	9.8	24,453
Householder completed <sup>2</sup> —											
Elementary school:											
Less than 8 years .....	820	11.6	31.6	21.7	13.6	5.8	4.6	6.5	2.6	2.0	11,195
8 years .....	364	13.9	25.4	19.9	16.1	6.0	7.4	4.6	2.5	4.3	12,011
High school:											
1-3 years .....	1,241	18.8	22.3	15.3	14.5	8.0	6.5	9.3	4.6	2.8	13,444
4 years .....	2,338	11.6	13.7	14.9	13.3	10.6	9.1	14.6	7.1	5.2	16,576
College:											
1-3 years .....	1,073	9.1	11.3	10.4	12.6	9.7	13.0	15.5	8.4	10.2	22,933
4 years or more .....	831	.8	3.2	3.9	11.1	11.2	6.5	19.6	15.0	28.6	36,175
Hispanic, <sup>3</sup> total .....	4,206	8.3	17.0	14.9	12.1	11.3	9.3	11.9	7.1	8.1	19,027
Northeast .....	803	14.4	23.8	10.9	11.7	10.5	6.2	7.7	6.1	8.5	15,309
Midwest .....	291	8.6	12.8	11.4	11.8	13.5	10.4	13.0	9.7	9.0	22,300
South .....	1,376	7.9	16.0	16.4	11.3	11.9	8.3	13.6	8.8	7.7	19,139
West .....	1,737	5.8	15.3	16.0	13.0	10.8	11.6	12.3	7.4	7.7	19,998
Householder completed <sup>2</sup> —											
Elementary school:											
Less than 8 years .....	1,124	9.7	23.6	21.7	14.4	10.2	8.3	6.6	3.3	2.2	13,630
8 years .....	319	10.3	23.1	14.8	8.4	11.0	9.7	12.6	6.3	3.7	16,029
High school:											
1-3 years .....	610	10.1	17.8	17.1	12.9	14.7	8.9	9.7	4.1	4.4	16,581
4 years .....	967	4.6	11.1	12.8	13.4	11.8	11.6	14.7	10.1	10.0	23,167
College:											
1-3 years .....	457	3.6	7.5	5.4	10.8	12.5	10.7	23.4	12.1	14.2	29,734
4 years or more .....	319	.9	4.7	4.1	6.9	9.0	8.5	16.5	17.3	32.0	39,762

<sup>1</sup> Includes other races not shown separately. <sup>2</sup> Restricted to families with householder 25 years old and over.

<sup>3</sup> Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 156.

**NO. 704. MONEY INCOME OF FAMILIES—TYPE OF FAMILY, BY INCOME LEVEL: 1985**

(In thousands, except dollars. Families as of March 1986. Based on Current Population Survey; see headnote, table 699. 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	
<b>All families</b> .....	<b>63,558</b>	<b>3,060</b>	<b>5,429</b>	<b>6,495</b>	<b>6,671</b>	<b>6,534</b>	<b>11,812</b>	<b>11,940</b>	<b>11,618</b>	<b>27,735</b>
Married-couple families .....	50,933	1,110	3,014	4,673	5,052	5,194	10,144	10,791	10,955	31,100
Wife in paid labor force .....	27,489	335	704	1,384	2,067	2,621	5,804	7,084	7,490	36,431
Wife employed .....	26,021	274	555	1,187	1,852	2,417	5,552	6,834	7,347	37,092
Wife unemployed .....	1,467	61	148	197	215	204	252	249	142	22,659
Wife not in paid labor force .....	23,445	774	2,310	3,289	2,985	2,573	4,338	3,708	3,465	24,556
Male householder, no wife present .....	2,414	173	259	278	321	306	416	394	267	22,622
Female householder, no husband present .....	10,211	1,777	2,155	1,542	1,298	1,034	1,253	756	396	13,680

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 156.

### NO. 705. MEDIAN MONEY INCOME OF FAMILIES AND UNRELATED INDIVIDUALS, IN CURRENT AND CONSTANT (1985) DOLLARS: 1960 TO 1985

[See headline, table 699. 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	1960	1965	1970	1975	1980	1981	1982	1983	1984	1985
<b>CURRENT DOLLARS</b>										
Families: <sup>1</sup>										
Married-couple families.....	5,873	7,330	10,516	14,867	23,141	25,065	26,019	27,286	29,612	31,100
Wife in paid labor force.....	6,900	8,633	12,276	17,237	26,879	29,247	30,342	32,107	34,666	36,431
Wife not in paid labor force.....	5,520	6,706	9,304	12,782	18,972	20,325	21,299	21,890	23,582	24,556
Male householder, no wife present.....	4,860	6,515	9,012	12,995	17,519	19,889	20,140	21,845	23,325	22,622
Female householder, no husband present.....	2,968	3,535	5,093	6,844	10,408	10,960	11,484	11,789	12,803	13,660
Unrelated individuals:										
Male.....	2,480	3,194	4,540	6,612	10,939	11,849	12,470	12,888	13,566	14,921
Female.....	1,377	2,267	2,483	3,978	6,668	7,370	8,058	8,863	9,501	9,865
<b>CONSTANT (1985) DOLLARS</b>										
Families: <sup>1</sup>										
Married-couple families.....	21,333	24,992	29,134	28,716	30,211	29,647	28,998	29,462	30,669	31,100
Wife in paid labor force.....	25,064	29,434	34,010	34,453	35,091	34,594	33,816	34,668	35,905	36,431
Wife not in paid labor force.....	20,051	22,864	25,776	25,488	24,768	24,041	23,738	23,638	24,423	24,556
Male householder, no wife present.....	17,654	22,213	24,867	25,974	22,871	23,525	22,446	23,587	24,157	22,622
Female householder, no husband present.....	10,781	12,053	14,110	13,680	13,588	12,964	12,799	12,729	13,260	13,660
Unrelated Individuals:										
Male.....	9,009	10,890	12,578	13,216	14,281	14,014	13,898	13,916	14,050	14,921
Female.....	5,002	7,729	6,879	7,951	8,705	8,717	8,981	9,570	9,840	9,865

<sup>1</sup> 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. 156, and earlier issues.

### NO. 706. MARRIED-COUPLE FAMILIES WITH EARNINGS, BY WORK EXPERIENCE IN 1983 OF HUSBANDS AND WIVES

[As of March 1984]

WORK EXPERIENCE OF HUSBAND	NUMBER (1,000)					MEAN EARNINGS (dol.)				
	Total	Wife worked in 1983			Wife did not work in 1983	Total	Wife worked in 1983			Wife did not work in 1983
		Total	Worked at full-time jobs	Worked at part-time jobs			Total	Worked at full-time jobs	Worked at part-time jobs	
Total.....	42,182	28,706	19,183	9,523	13,477	26,574	30,614	32,495	26,824	24,229
Husband worked in 1983.....	39,885	26,408	17,689	8,719	13,477	29,684	32,468	34,206	28,944	24,229
Full-time jobs.....	37,042	24,879	16,766	8,112	12,163	30,966	33,356	34,983	30,035	26,079
Part-time jobs.....	2,843	1,530	923	607	1,313	12,880	18,029	20,438	14,367	7,100
Husband did not work in 1983.....	2,298	2,298	1,494	803	(x)	9,295	9,295	12,242	3,816	(x)

X Not applicable.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 153.

### NO. 707. PER CAPITA MONEY INCOME IN CURRENT AND CONSTANT (1986) DOLLARS, BY RACE AND HISPANIC ORIGIN: 1970 TO 1986

[In dollars]

YEAR	CURRENT DOLLARS				CONSTANT (1986) DOLLARS			
	All races	White	Black	Hispanic <sup>1</sup>	All races	White	Black	Hispanic <sup>1</sup>
1970.....	3,177	3,354	1,869	(NA)	8,971	9,471	5,278	(NA)
1971.....	3,417	3,596	2,082	(NA)	9,251	9,736	5,563	(NA)
1972.....	3,769	3,968	2,300	(NA)	9,878	10,400	6,028	(NA)
1973.....	4,141	4,361	2,521	2,454	10,217	10,760	6,220	8,055
1974.....	4,445	4,677	2,718	2,735	9,883	10,399	6,043	8,081
1975.....	4,818	5,072	2,972	2,847	9,815	10,333	6,055	5,800
1976.....	5,271	5,556	3,286	3,179	10,152	10,701	6,329	6,123
1977.....	5,785	6,100	3,574	3,538	10,467	11,037	6,467	6,402
1978.....	6,455	6,797	4,034	3,961	10,849	11,423	6,780	6,657
1979.....	7,168	7,574	4,444	4,432	10,828	11,441	6,713	6,695
1980.....	7,787	8,233	4,804	4,865	10,362	10,955	6,392	6,474
1981.....	8,478	8,979	5,123	5,249	10,218	10,825	6,183	6,449
1982.....	8,980	9,527	5,360	5,448	10,201	10,822	6,089	6,189
1983.....	9,549	10,125	5,755	5,852	10,508	11,143	6,334	6,440
1984.....	10,328	10,939	6,277	6,401	10,902	11,547	6,626	6,757
1985.....	11,013	11,671	6,840	6,613	11,225	11,896	6,972	6,740
1986.....	11,670	12,352	7,207	7,000	11,670	12,352	7,207	7,000

NA Not available. <sup>1</sup> Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 157

**NO. 708. 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 205-258 and Appendix II]

STATE	PER CAPITA INCOME			MEDIAN FAMILY INCOME		STATE	PER CAPITA INCOME			MEDIAN FAMILY INCOME	
	1969	1979	1985	1969	1979		1969	1979	1985	1969	1979
<b>United States</b> .....	<b>3,119</b>	<b>7,298</b>	<b>10,798</b>	<b>9,586</b>	<b>19,917</b>	Mississippi.....	1,925	5,182	7,483	6,068	14,591
Alabama.....	2,317	5,892	8,681	7,263	16,347	Missouri.....	2,952	6,915	10,283	8,908	18,784
Alaska.....	3,725	10,193	13,650	12,441	28,395	Montana.....	2,696	6,589	9,781	8,509	18,413
Arizona.....	2,937	7,042	10,561	9,185	19,017	Nebraska.....	2,797	6,934	10,546	8,562	19,122
Arkansas.....	2,142	5,613	8,389	6,271	14,841	Nevada.....	3,554	8,453	11,200	10,687	21,311
California.....	3,614	8,294	11,865	10,729	21,537	New Hampshire.....	2,985	6,966	11,659	9,682	19,723
Colorado.....	3,106	7,998	11,713	9,552	21,279	New Jersey.....	3,674	8,127	13,129	11,403	22,906
Connecticut.....	3,885	8,511	14,090	11,808	23,149	New Mexico.....	2,437	6,120	8,814	7,845	16,928
Delaware.....	3,265	7,449	11,375	10,209	20,817	New York.....	3,608	7,496	11,765	10,609	20,180
District of Columbia.....	3,842	8,959	13,530	9,576	19,089	North Carolina.....	2,474	6,132	9,517	7,770	16,792
Florida.....	3,058	7,260	11,271	8,261	17,280	North Dakota.....	2,469	6,417	9,635	7,836	18,023
Georgia.....	2,640	6,980	10,191	8,165	17,414	Ohio.....	3,199	7,294	10,371	10,309	20,869
Hawaii.....	3,373	7,740	11,003	11,552	22,750	Oklahoma.....	2,694	6,854	9,754	7,720	17,668
Idaho.....	2,644	6,248	8,567	6,380	17,492	Oregon.....	3,148	7,556	9,925	9,487	20,027
Illinois.....	3,495	8,064	11,302	10,957	22,746	Pennsylvania.....	3,069	7,075	10,288	8,554	19,995
Indiana.....	3,070	7,141	9,978	9,966	20,535	Rhode Island.....	3,121	6,697	10,882	9,763	19,448
Iowa.....	2,884	7,136	10,096	9,016	20,052	South Carolina.....	2,903	5,684	8,890	7,820	16,978
Kansas.....	2,929	7,349	10,684	8,690	19,707	South Dakota.....	2,387	5,696	8,653	7,490	15,993
Kentucky.....	2,425	5,973	8,614	7,439	16,444	Tennessee.....	2,464	6,212	9,290	7,446	16,564
Louisiana.....	2,930	6,425	8,836	7,527	18,088	Texas.....	2,792	7,203	10,373	8,486	19,618
Maine.....	2,548	5,766	9,042	8,205	16,167	Utah.....	2,697	6,305	8,535	9,320	20,024
Maryland.....	3,512	8,293	12,967	11,057	23,112	Vermont.....	2,772	6,177	9,619	8,928	17,205
Massachusetts.....	3,408	7,457	12,510	10,833	21,166	Virginia.....	2,996	7,475	11,894	9,044	20,018
Michigan.....	3,357	7,688	10,902	11,029	22,107	Washington.....	3,357	8,073	10,866	10,400	21,696
Minnesota.....	3,038	7,450	11,186	9,928	21,185	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, forthcoming reports.

**NO. 709. PER CAPITA MONEY INCOME FOR 50 LARGEST CITIES: 1979 AND 1985**

CITIES RANKED BY POPULATION-SIZE, 1986	1979	1985	Percent change, 1979-1985	CITIES RANKED BY POPULATION-SIZE, 1986	1979	1985	Percent change, 1979-1985
Los Angeles.....	8,415	12,084	43.6	Nashville-Davidson.....	7,276	11,253	54.7
Chicago.....	6,933	9,642	39.1	Austin.....	7,368	11,633	57.9
Houston.....	8,817	12,115	37.4	Oklahoma City.....	7,998	11,527	44.1
Philadelphia.....	6,053	8,807	45.5	Kansas City.....	7,480	11,153	49.1
Detroit.....	6,215	8,852	42.4	Fort Worth.....	7,336	10,615	43.3
San Diego.....	8,016	11,766	46.8	St. Louis.....	5,677	8,799	49.7
Dallas.....	8,610	12,816	48.9	Atlanta.....	6,539	10,341	56.1
San Antonio.....	5,758	8,499	47.6	Long Beach.....	8,342	11,729	40.6
Phoenix.....	7,552	11,363	50.5	Portland.....	8,123	10,770	32.6
Honolulu.....	7,912	11,434	44.5	Pittsburgh.....	6,845	9,998	46.1
Baltimore.....	5,977	8,647	47.1	Miami.....	6,084	8,904	46.4
San Francisco.....	9,265	13,575	46.5	Tulsa.....	8,842	12,670	43.3
Indianapolis.....	7,585	10,938	42.9	Cincinnati.....	6,874	10,247	49.1
San Jose.....	8,382	12,583	50.1	Albuquerque.....	7,440	11,133	49.6
Memphis.....	6,466	9,362	44.8	Tucson.....	6,551	9,430	43.9
Washington.....	8,959	13,530	51.0	Oakland.....	7,701	10,911	41.7
Jacksonville.....	6,767	10,466	54.7	Oakland.....	7,940	12,302	54.9
Milwaukee.....	7,029	9,765	38.9	Minneapolis.....	7,952	12,259	54.2
Boston.....	6,555	10,774	64.4	Charlotte.....	7,714	12,886	67.0
Columbus.....	6,783	9,909	46.1	Omaha.....	7,050	10,050	42.6
New Orleans.....	6,463	8,975	38.9	Virginia Beach.....	7,704	12,039	56.3
Cleveland.....	5,770	8,018	39.0	Buffalo.....	5,929	8,840	49.1
Denver.....	8,563	12,490	46.0	Sacramento.....	7,558	10,627	40.6
El Paso.....	5,439	7,670	41.0	Newark.....	4,525	6,494	43.5

<sup>1</sup> Data are for Honolulu County.

Source: U.S. Bureau of the Census, *1980 Census of Population*, vol. 1, chapter C (PC 80-1-C) and *Current Population Reports*, series P-26, forthcoming reports.

**NO. 710. MONEY INCOME OF PERSONS—PERCENT DISTRIBUTION BY INCOME LEVEL, MEDIAN, AND MEAN INCOME, BY SEX, 1970 TO 1985, AND BY AGE, RACE, HISPANIC ORIGIN, AND REGION, 1985**

[As of March of following year. For 1970 and 1985, persons 14 years old and over; thereafter, 15 years old and over. Based on Current Population Survey; see headnote, table 699. 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]

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 <sup>1</sup>	2,000-3,999	4,000-5,999	6,000-7,999	8,000-9,999	10,000-14,999	15,000-24,999	25,000 and over			
<b>MALE</b>													
1970	70.6	65.0	18.8	13.7	12.9	14.7	13.2	17.7	6.8	2.3	6,670	7,537	
1975	77.6	71.2	12.9	12.0	10.8	10.0	9.6	21.7	17.5	5.4	8,953	10,429	
1980	82.9	76.7	9.1	8.0	8.2	7.8	6.8	17.1	25.5	17.5	12,530	15,340	
1981	84.0	78.7	8.9	7.6	7.5	7.5	6.6	15.8	24.5	21.4	13,473	16,515	
1982	85.0	79.7	9.1	7.0	7.9	7.2	6.1	16.0	23.6	23.6	13,950	17,381	
1983	86.1	80.9	9.0	6.9	6.9	7.0	5.9	15.2	23.2	25.8	14,631	18,109	
1984	87.0	82.2	8.1	6.5	6.8	6.7	5.6	14.6	22.4	29.2	15,600	19,438	
1985	88.5	83.6	7.5	5.9	6.3	6.4	5.8	14.5	22.3	31.4	16,311	20,652	
15-19 years old	9.2	6.2	52.8	21.3	11.0	9.5	3.8	1.5	.1	1,893	2,987		
20-24 years old	9.8	9.2	10.5	13.3	11.3	20.4	20.8	18.2	5.5	8,629	10,237		
25-34 years old	21.0	20.5	3.3	3.6	3.9	9.9	16.8	30.4	32.3	18,662	20,715		
35-44 years old	16.0	15.7	2.7	2.7	3.2	6.3	10.2	23.9	51.0	25,358	28,455		
45-54 years old	11.0	10.8	3.3	2.7	2.5	7.2	9.9	22.3	52.2	25,845	29,756		
55-64 years old	10.4	10.1	3.9	3.4	5.5	10.6	13.4	22.8	40.1	20,257	25,335		
65 yr. old and over	11.3	11.2	1.9	5.5	12.4	25.8	22.3	19.1	13.1	10,900	14,940		
White	76.6	73.2	7.1	5.5	5.9	11.7	14.3	22.3	33.5	17,111	21,523		
Black	9.3	8.1	11.2	9.9	10.2	15.9	16.5	22.2	14.3	10,768	13,376		
Hispanic <sup>2</sup>	6.2	5.5	8.0	8.4	8.6	18.8	17.9	21.4	16.8	11,434	14,490		
Northeast	18.6	17.8	6.9	5.2	5.8	11.2	13.9	23.3	33.7	17,581	21,955		
Midwest	21.8	20.8	9.0	6.4	6.4	11.3	13.3	22.9	30.9	16,377	19,924		
South	30.0	28.2	7.3	6.7	7.1	12.9	16.2	21.5	28.3	14,935	19,536		
West	18.1	17.1	6.9	4.8	5.3	13.0	13.7	21.4	34.7	17,390	22,041		
<b>FEMALE</b>													
1970	77.6	51.6	46.7	22.1	15.7	8.6	3.8	2.5	.4	.2	2,237	3,138	
1975	85.0	60.8	31.9	24.0	15.4	11.2	7.3	7.9	2.2	.3	3,385	4,513	
1980	91.1	80.8	24.8	18.6	13.3	10.3	7.9	14.2	9.0	1.9	4,920	6,772	
1981	92.2	82.1	22.8	17.2	13.4	10.0	7.9	15.0	10.9	2.7	5,458	7,440	
1982	93.1	82.5	21.7	15.9	13.1	9.9	7.6	15.1	12.7	3.9	5,887	8,195	
1983	94.3	83.8	20.7	14.7	12.9	9.6	7.4	15.4	14.0	5.2	6,319	8,780	
1984	95.3	85.6	19.2	13.6	12.6	9.8	7.4	15.0	15.6	6.6	6,868	9,594	
1985	96.4	86.5	18.3	13.2	12.2	9.7	7.4	15.0	16.2	6.2	7,217	10,173	
15-19 years old	9.1	5.8	55.7	23.4	10.4	8.0	2.7	.8	.1	1,796	2,595		
20-24 years old	10.2	9.2	18.1	17.2	13.8	20.7	19.3	9.7	1.2	6,155	7,400		
25-34 years old	21.1	19.3	17.9	9.0	8.6	14.9	17.4	22.6	9.6	9,879	11,591		
35-44 years old	16.6	15.3	18.2	8.0	8.0	14.8	15.4	22.0	13.8	10,275	12,705		
45-54 years old	11.7	10.6	19.1	10.0	8.0	14.2	16.4	20.5	12.1	9,619	11,942		
55-64 years old	11.7	10.6	19.6	14.2	10.9	15.9	14.6	15.9	9.0	7,173	10,478		
65 yr. old and over	16.1	15.8	4.0	18.9	24.0	26.0	12.7	9.3	5.1	6,313	8,982		
White	82.3	74.6	18.8	12.4	11.8	17.1	15.1	16.3	8.3	7,357	10,317		
Black	11.3	9.6	13.5	19.4	15.4	17.4	13.7	14.3	6.0	6,277	9,001		
Hispanic <sup>2</sup>	6.4	4.8	19.8	15.3	14.9	19.5	13.7	12.9	4.1	6,020	8,178		
Northeast	21.0	19.0	17.1	12.1	12.9	17.4	15.0	16.6	8.9	7,543	10,653		
Midwest	23.7	21.7	19.8	13.2	12.5	16.6	15.0	15.6	7.2	6,853	9,638		
South	33.0	29.1	18.5	15.1	12.3	16.9	14.9	14.9	7.2	6,795	9,610		
West	18.7	16.8	17.5	11.0	10.7	17.5	14.8	18.3	10.4	8,115	11,294		

<sup>1</sup> Includes persons with income deficit.

<sup>2</sup> Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 156.

**NO. 711. MEDIAN MONEY INCOME OF YEAR-ROUND FULL-TIME WORKERS WITH INCOME, BY SEX AND AGE: 1970 TO 1986**

[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	1984	1985	1986	1970	1980	1984	1985	1986
Total with income	\$5,440	\$11,591	\$15,422	\$16,252	\$16,843	\$9,184	\$19,173	\$24,004	\$24,999	\$25,894
15-19 years old	3,783	6,779	8,509	8,372	8,333	3,950	7,753	8,866	9,050	9,730
20-24 years old	4,928	9,407	11,435	11,757	12,192	6,655	12,109	13,043	13,827	14,152
25-34 years old	5,923	12,190	15,896	16,740	17,087	9,126	17,724	21,607	22,321	22,892
35-44 years old	5,531	12,239	17,137	18,032	18,610	10,258	21,777	27,610	28,866	30,189
45-54 years old	5,588	12,116	15,745	17,009	18,057	9,931	22,323	28,545	29,980	31,657
55-64 years old	5,468	11,931	15,655	16,761	16,983	9,071	21,053	27,179	28,387	29,119
65 years old and over	4,884	12,342	15,230	18,336	17,180	6,784	17,307	26,450	26,146	27,326

<sup>1</sup> 14 years old and over.

<sup>2</sup> 14 to 19 years old.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 157, and earlier issues.



**NO. 712. 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 <sup>1</sup>		REGION AND STATE	PERSONS		FAMILIES		RELATED CHILDREN <sup>1</sup>	
	Number (1,000)	Percent	Number (1,000)	Percent	Number (1,000)	Percent		Number (1,000)	Percent	Number (1,000)	Percent	Number (1,000)	Percent
<b>U.S.</b> .....	<b>27,393</b>	<b>12.4</b>	<b>5,670</b>	<b>9.6</b>	<b>10,026</b>	<b>16.0</b>	<b>South—</b>						
<b>Northeast</b> .....	<b>5,343</b>	<b>11.2</b>	<b>1,111</b>	<b>8.7</b>	<b>1,992</b>	<b>15.5</b>	<b>Con.</b>						
ME.....	141	13.0	29	9.8	50	15.8	VA.....	611	11.8	129	9.2	218	14.9
NH.....	75	8.5	15	6.1	24	9.4	WV.....	287	15.0	62	11.7	102	18.5
VT.....	59	12.1	11	8.9	20	13.9	NC.....	840	14.8	189	11.6	299	18.3
MA.....	532	9.6	110	7.6	193	13.1	SC.....	500	16.6	106	13.1	195	21.0
RI.....	94	10.3	19	7.7	39	13.6	GA.....	884	16.6	189	13.2	342	21.1
CT.....	243	8.0	51	6.2	93	11.4	FL.....	1,267	13.5	268	9.9	427	18.5
NY.....	2,299	13.4	493	10.8	877	19.0	KY.....	626	17.6	144	14.6	230	21.6
NJ.....	689	9.5	148	7.6	278	14.1	TN.....	736	16.5	164	13.1	263	20.6
PA.....	1,210	10.5	245	7.8	426	13.9	AL.....	720	18.9	154	14.8	271	23.6
<b>Midwest</b> .....	<b>6,010</b>	<b>10.5</b>	<b>1,230</b>	<b>8.0</b>	<b>2,170</b>	<b>13.0</b>	MS.....	587	23.9	121	18.7	244	30.4
OH.....	1,089	10.3	228	8.0	401	13.2	LA.....	424	19.0	94	14.9	154	23.4
IN.....	516	9.7	107	7.3	189	11.9	AR.....	765	16.6	163	15.1	307	23.5
IL.....	1,231	11.0	247	8.4	478	14.9	OK.....	394	13.4	86	10.3	132	15.7
MI.....	946	10.4	198	8.2	361	13.3	TX.....	2,036	14.7	412	11.1	791	18.7
WI.....	398	8.7	77	6.3	139	10.4	<b>West</b> .....	<b>4,755</b>	<b>11.3</b>	<b>939</b>	<b>8.5</b>	<b>1,683</b>	<b>14.2</b>
MN.....	375	9.5	73	7.0	118	10.2	MT.....	84	12.3	19	9.2	32	13.8
IA.....	286	10.1	58	7.5	94	11.5	ID.....	117	12.6	24	9.6	43	14.3
MO.....	582	12.2	120	9.1	196	14.6	WY.....	36	7.9	7	5.8	11	7.7
ND.....	79	12.6	16	9.8	27	14.3	CO.....	285	10.1	55	7.4	91	11.5
SD.....	113	16.9	23	13.1	41	20.0	NM.....	226	17.6	47	14.0	91	22.1
NE.....	163	10.7	33	8.0	53	12.1	AZ.....	351	13.2	68	9.5	129	16.5
KS.....	232	10.1	47	7.4	73	11.4	UT.....	148	10.3	27	7.7	57	10.7
<b>South</b> .....	<b>11,285</b>	<b>15.4</b>	<b>2,390</b>	<b>11.9</b>	<b>4,180</b>	<b>18.6</b>	NV.....	69	8.7	13	6.3	21	10.0
DE.....	68	11.9	14	8.9	25	15.6	OR.....	396	9.8	78	7.2	128	11.5
MD.....	405	9.8	82	7.5	143	12.5	WA.....	274	10.7	54	7.7	85	12.0
DC.....	113	18.6	21	15.1	38	27.0	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

<sup>1</sup> Under 18 years.

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

**NO. 713. PERSONS BELOW POVERTY LEVEL AND BELOW 125 PERCENT OF POVERTY LEVEL: 1959 TO 1986**

[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 <sup>3</sup>	
	All races <sup>1</sup>	White	Black	Hispanic <sup>2</sup>	All races <sup>1</sup>	White	Black	Hispanic <sup>2</sup>	Number (mil.)	Percent of total population	At poverty level	At 125 percent of poverty level
1959.....	39.5	28.5	9.9	(NA)	22.4	18.1	55.1	(NA)	54.9	31.1	\$2,973	\$3,716
1960.....	39.9	28.3	(NA)	(NA)	22.2	17.8	(NA)	(NA)	54.6	30.4	3,022	3,778
1966.....	28.5	20.8	8.9	(NA)	14.7	12.2	41.8	(NA)	41.3	21.3	3,317	4,146
1969.....	24.1	16.7	7.1	(NA)	12.1	9.5	32.2	(NA)	34.7	17.4	3,743	4,679
1970.....	25.4	17.5	7.5	(NA)	12.6	9.9	33.5	(NA)	35.6	17.6	3,968	4,960
1975.....	25.9	17.8	7.5	3.0	12.3	9.7	31.3	26.9	37.2	17.6	5,500	6,875
1976.....	25.0	16.7	7.6	2.8	11.8	9.1	31.1	24.7	35.5	16.7	5,815	7,269
1977.....	24.7	16.4	7.7	2.7	11.6	8.9	31.3	22.4	35.7	16.7	6,191	7,739
1978.....	24.5	16.3	7.6	2.6	11.4	8.7	30.6	21.6	34.2	15.8	6,662	8,329
1979 <sup>4</sup> .....	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 <sup>5</sup> .....	26.1	17.2	8.1	2.9	11.7	9.0	31.0	21.8	36.6	16.4	7,412	9,265
1980.....	29.3	19.7	8.6	3.5	13.0	10.2	32.5	25.7	40.7	18.1	8,414	10,518
1981.....	31.8	21.6	9.2	3.7	14.0	11.1	34.2	26.5	43.7	19.3	9,287	11,609
1982.....	34.4	23.5	9.7	4.3	15.0	12.0	35.6	29.9	46.5	20.3	9,862	12,328
1983.....	35.3	24.0	9.9	4.6	15.2	12.1	35.7	28.0	47.2	20.3	10,178	12,723
1984.....	33.7	23.0	9.5	4.8	14.4	11.5	33.8	28.4	45.3	19.4	10,609	13,261
1985.....	33.1	22.9	8.9	5.2	14.0	11.4	31.3	29.0	44.2	18.7	10,989	13,736
1986.....	32.4	22.2	9.0	5.1	13.6	11.0	31.1	27.3	43.5	16.2	11,203	14,004

NA Not available. <sup>1</sup> Includes other races not shown separately. <sup>2</sup> Hispanic persons may be of any race. <sup>3</sup> Beginning 1981, income cutoffs for nonfarm families are applied to all families, both farm and nonfarm. <sup>4</sup> Population controls based on 1970 census; see text, section 14. <sup>5</sup> Population controls based on 1980 census; see text, sections 1 and 14.

Source: U.S. Bureau of the Census, Current Population Reports, series P-80, No. 157.

**No. 714. PERSONS BELOW POVERTY LEVEL AND BELOW 125 PERCENT OF POVERTY LEVEL, BY RACE OF HOUSEHOLDER AND FAMILY STATUS: 1979 TO 1986**

[Persons as of March of following year. For explanation of poverty level, see text, section 14]

RACE OF HOUSEHOLDER AND FAMILY STATUS	BELOW POVERTY LEVEL					BELOW 125 PERCENT OF POVERTY LEVEL				
	1979 <sup>1</sup>	1983	1984	1985	1986	1979 <sup>1</sup>	1983	1984	1985	1986
NUMBER (mil.)										
<b>All persons<sup>2</sup></b> .....	<b>26.1</b>	<b>35.5</b>	<b>33.7</b>	<b>33.1</b>	<b>32.4</b>	<b>36.6</b>	<b>47.5</b>	<b>45.3</b>	<b>44.2</b>	<b>43.5</b>
In families .....	20.0	28.0	26.5	25.7	24.8	28.1	37.6	35.5	34.4	33.2
Householder .....	5.5	7.7	7.3	7.2	7.0	7.8	10.4	9.9	9.8	9.5
Related children under 18 years .....	10.0	13.4	12.9	12.5	12.3	13.4	17.2	16.4	15.8	15.5
Other family members .....	4.5	6.9	6.3	6.0	5.5	7.0	10.0	9.2	8.9	8.2
Unrelated individuals .....	5.7	6.9	6.6	6.7	6.8	8.0	9.1	9.1	9.1	9.4
<b>White</b> .....	<b>17.2</b>	<b>24.2</b>	<b>23.0</b>	<b>22.9</b>	<b>22.2</b>	<b>25.2</b>	<b>33.6</b>	<b>32.1</b>	<b>31.5</b>	<b>30.7</b>
In families .....	12.5	18.5	17.3	17.1	16.4	18.4	25.8	24.2	23.7	22.6
Householder .....	3.6	5.3	4.9	5.0	4.8	5.3	7.4	7.0	7.0	6.7
Related children under 18 years .....	5.9	8.6	8.1	7.8	7.7	8.2	11.4	10.7	10.3	10.0
Other family members .....	3.0	4.7	4.3	4.3	3.9	4.8	7.1	6.6	6.4	5.9
Unrelated individuals .....	4.5	5.3	5.2	5.3	5.2	6.5	7.3	7.3	7.3	7.4
<b>Black</b> .....	<b>8.1</b>	<b>9.9</b>	<b>9.5</b>	<b>8.9</b>	<b>9.0</b>	<b>10.3</b>	<b>12.1</b>	<b>11.8</b>	<b>11.1</b>	<b>11.2</b>
In families .....	6.8	8.4	8.1	7.5	7.4	8.8	10.3	9.9	9.3	9.2
Householder .....	1.7	2.2	2.1	2.0	2.0	2.2	2.7	2.6	2.5	2.5
Related children under 18 years .....	3.7	4.3	4.3	4.1	4.0	4.7	5.1	5.1	4.8	4.8
Other family members .....	1.3	1.9	1.7	1.5	1.4	1.9	2.5	2.3	2.1	1.9
Unrelated individuals .....	1.2	1.3	1.3	1.3	1.4	1.4	1.6	1.6	1.6	1.8
<b>In families with female householder,   no husband present<sup>2</sup></b> .....	<b>13.5</b>	<b>16.8</b>	<b>16.4</b>	<b>16.4</b>	<b>16.9</b>	<b>17.4</b>	<b>20.8</b>	<b>20.3</b>	<b>20.1</b>	<b>21.0</b>
In families .....	9.4	12.1	11.8	11.6	11.9	11.6	14.4	14.0	13.7	14.2
Householder .....	2.6	3.6	3.5	3.5	3.6	3.3	4.3	4.2	4.2	4.3
Related children under 18 years .....	5.6	6.8	6.8	6.7	6.9	6.7	7.7	7.7	7.6	7.9
Other family members .....	1.1	1.8	1.6	1.4	1.4	1.6	2.4	2.1	2.0	1.9
Unrelated individuals .....	3.8	4.2	4.0	4.2	4.3	5.4	5.8	5.7	5.8	6.0
<b>In all other families<sup>2</sup></b> .....	<b>12.6</b>	<b>18.7</b>	<b>17.3</b>	<b>16.7</b>	<b>15.4</b>	<b>19.2</b>	<b>26.7</b>	<b>25.0</b>	<b>24.1</b>	<b>22.5</b>
In families .....	10.6	15.9	14.8	14.1	12.8	16.5	23.2	21.5	20.7	19.0
Householder .....	2.9	4.1	3.8	3.7	3.4	4.5	6.1	5.7	5.6	5.1
Related children under 18 years .....	4.4	6.7	6.2	5.8	5.3	6.6	9.5	8.7	8.2	7.6
Other family members .....	3.4	5.1	4.7	4.6	4.1	5.4	7.6	7.1	6.9	6.3
Unrelated individuals .....	2.0	2.7	2.6	2.5	2.5	2.7	3.4	3.4	3.3	3.4
PERCENT OF POPULATION										
<b>All persons<sup>2</sup></b> .....	<b>11.7</b>	<b>15.3</b>	<b>14.4</b>	<b>14.0</b>	<b>13.6</b>	<b>16.4</b>	<b>20.5</b>	<b>19.4</b>	<b>18.7</b>	<b>18.2</b>
In families .....	10.2	13.9	13.1	12.6	12.0	14.4	18.7	17.5	16.9	16.2
Householder .....	9.2	12.4	11.6	11.4	10.9	13.1	16.8	15.8	15.3	14.7
Related children under 18 years .....	16.0	21.8	21.0	20.1	19.8	21.3	28.0	26.6	25.5	25.1
Other family members .....	6.1	8.9	8.0	7.7	6.9	8.5	12.8	11.8	11.3	10.3
Unrelated individuals .....	21.9	23.5	21.8	21.5	21.6	30.7	31.4	29.9	29.0	29.8
<b>White</b> .....	<b>9.0</b>	<b>12.2</b>	<b>11.5</b>	<b>11.4</b>	<b>11.0</b>	<b>13.1</b>	<b>17.0</b>	<b>16.1</b>	<b>15.7</b>	<b>15.2</b>
In families .....	7.4	10.8	10.1	9.9	9.4	10.9	15.1	14.1	13.7	13.0
Householder .....	6.9	9.7	9.1	9.1	8.6	10.2	13.7	12.8	12.7	12.0
Related children under 18 years .....	11.4	17.0	16.1	15.6	15.3	15.9	22.7	21.9	20.5	20.0
Other family members .....	4.7	6.9	6.4	6.4	5.7	7.5	10.5	9.8	9.5	8.6
Unrelated individuals .....	19.7	21.0	19.9	19.6	19.2	28.6	28.9	27.9	27.0	27.3
<b>Black</b> .....	<b>31.0</b>	<b>35.7</b>	<b>33.8</b>	<b>31.3</b>	<b>31.1</b>	<b>39.9</b>	<b>43.7</b>	<b>41.4</b>	<b>38.8</b>	<b>38.7</b>
In families .....	30.0	34.7	33.2	30.5	29.7	39.0	42.7	40.7	37.9	37.1
Householder .....	27.8	32.3	30.9	28.7	28.0	36.2	40.2	38.2	35.8	35.0
Related children under 18 years .....	40.8	46.2	46.2	43.1	42.7	51.1	55.0	54.1	51.0	50.8
Other family members .....	18.2	23.6	20.5	17.7	16.5	26.1	30.8	27.7	24.8	23.3
Unrelated individuals .....	37.3	40.9	35.8	34.7	38.5	45.4	48.6	44.6	42.7	47.3
<b>In families with female householder,   no husband present<sup>2</sup></b> .....	<b>32.0</b>	<b>35.8</b>	<b>34.0</b>	<b>33.5</b>	<b>34.2</b>	<b>41.3</b>	<b>44.2</b>	<b>41.9</b>	<b>41.1</b>	<b>42.4</b>
In families .....	34.9	40.3	38.4	37.6	36.3	43.2	47.9	45.3	44.5	45.6
Householder .....	33.4	36.1	34.5	34.0	34.6	38.2	43.7	41.5	40.9	41.6
Related children under 18 years .....	48.6	55.5	54.0	53.6	54.4	58.0	63.3	61.2	60.7	62.3
Other family members .....	16.9	22.2	19.1	17.3	17.5	23.9	29.7	25.7	24.2	24.1
Unrelated individuals .....	26.0	26.3	24.4	24.8	25.1	37.0	36.0	34.2	33.9	35.0
<b>In all other families<sup>2</sup></b> .....	<b>7.0</b>	<b>10.1</b>	<b>9.3</b>	<b>8.9</b>	<b>8.2</b>	<b>10.6</b>	<b>14.4</b>	<b>13.5</b>	<b>12.8</b>	<b>11.9</b>
In families .....	6.3	9.3	8.5	8.2	7.3	9.3	13.5	12.6	11.9	10.9
Householder .....	5.5	7.9	7.2	7.0	6.3	8.8	11.7	10.8	10.5	9.5
Related children under 18 years .....	8.5	13.5	12.5	11.7	10.8	13.0	19.3	17.7	16.5	15.4
Other family members .....	5.1	7.3	6.7	6.6	5.8	6.1	10.9	10.2	9.8	8.8
Unrelated individuals .....	16.9	20.2	18.7	17.4	17.5	22.9	25.8	24.8	23.2	23.5

<sup>1</sup> Population controls based on 1980 census; see text section 14.

<sup>2</sup> Includes races and members of unrelated subfamilies not shown separately.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 157, and unpublished data.

**NO. 715. PERSONS BELOW POVERTY LEVEL, BY RACE, HISPANIC ORIGIN, AGE, AND REGION: 1986**

(Persons as of **March 1987**. Based on Current Population Survey; see headnote, table 699. For explanation of poverty level, see text, section 14. For composition of regions, see fig. 1, inside front cover)

AGE AND REGION	NUMBER BELOW POVERTY LEVEL (1,000)				PERCENT BELOW POVERTY LEVEL			
	All races <sup>1</sup>	White	Black	Hispanic <sup>2</sup>	All races <sup>1</sup>	White	Black	Hispanic <sup>2</sup>
<b>Total</b> .....	<b>32,370</b>	<b>22,183</b>	<b>8,983</b>	<b>5,117</b>	<b>13.6</b>	<b>11.0</b>	<b>31.1</b>	<b>27.3</b>
Under 16 years old.....	11,850	7,437	3,790	2,988	16.0	16.5	43.8	38.4
16-21 years old.....	3,631	2,384	1,107	582	21.6	13.2	34.7	27.7
22-44 years old.....	9,543	6,719	2,420	1,556	10.8	9.0	23.4	21.4
45-64 years old.....	4,077	2,955	1,003	477	9.1	8.6	22.3	19.1
65 years old and over.....	3,470	2,689	722	204	12.4	10.7	31.0	22.5
Northeast.....	5,211	3,886	1,170	1,113	10.5	8.9	24.0	32.7
Midwest.....	7,641	5,533	1,892	284	13.0	10.6	34.5	24.3
South.....	13,106	7,593	5,383	1,759	16.1	11.8	33.6	29.4
West.....	6,412	5,172	537	1,960	13.2	12.3	21.7	24.0

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

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 157.

**NO. 716. PERSONS 65 YEARS OLD AND OVER BELOW POVERTY LEVEL, BY SELECTED CHARACTERISTICS: 1970 TO 1986**

(Persons as of **March** of following year. See headnote, table 715)

CHARACTERISTIC	NUMBER BELOW POVERTY LEVEL (1,000)					PERCENT BELOW POVERTY LEVEL				
	1970	1979 <sup>1</sup>	1984	1985	1986	1970	1979 <sup>1</sup>	1984	1985	1986
<b>Persons, 65 yr. and over</b> <sup>2</sup> .....	<b>4,793</b>	<b>3,682</b>	<b>3,330</b>	<b>3,456</b>	<b>3,477</b>	<b>24.6</b>	<b>15.2</b>	<b>12.4</b>	<b>12.6</b>	<b>12.4</b>
White.....	4,011	2,911	2,579	2,698	2,689	22.6	13.3	10.7	11.0	10.7
Black.....	735	740	710	717	722	47.7	36.3	31.7	31.5	31.0
Hispanic <sup>3</sup> .....	(NA)	154	176	219	204	(NA)	26.8	21.5	23.9	22.5
In families.....	2,013	1,380	1,205	1,173	1,164	14.8	8.4	6.7	6.4	6.2
Householder.....	1,188	822	713	708	716	16.5	9.1	7.3	7.0	7.0
Male.....	980	629	489	498	520	15.9	8.4	6.0	6.0	6.1
Female.....	209	193	224	210	196	20.1	13.0	13.0	12.1	11.8
Other members.....	825	559	493	465	448	13.0	7.6	6.0	5.6	5.2
Unrelated individuals.....	2,779	2,299	2,123	2,281	2,311	47.2	29.4	24.2	25.6	25.2
Male.....	549	428	401	402	412	38.9	25.3	20.8	20.5	19.6
Female.....	2,230	1,871	1,722	1,879	1,899	49.8	30.5	25.2	27.0	26.8
<b>Persons, 80 yr. and over</b> .....	<b>5,977</b>	<b>4,753</b>	<b>4,496</b>	<b>4,677</b>	<b>4,547</b>	<b>21.3</b>	<b>13.9</b>	<b>12.0</b>	<b>12.3</b>	<b>11.7</b>

NA Not available. <sup>1</sup> Population controls based on 1980 census; see text, section 14. <sup>2</sup> Beginning 1979, includes members of unrelated subfamilies not shown separately. For earlier years, unrelated subfamily members are included in the "in families" category. <sup>3</sup> Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 157, and unpublished data.

**NO. 717. CHILDREN BELOW THE POVERTY LEVEL, BY RACE AND HISPANIC ORIGIN: 1970 TO 1986**

(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 699. For explanation of poverty, see text, section 14. For composition of regions, see fig. 1, inside front cover)

YEAR AND REGION	NUMBER BELOW POVERTY LEVEL (1,000)				PERCENT BELOW POVERTY LEVEL			
	All races <sup>1</sup>	White	Black	Hispanic <sup>2</sup>	All races <sup>1</sup>	White	Black	Hispanic <sup>2</sup>
1970.....	10,235	6,138	3,922	(NA)	14.9	10.5	41.5	(NA)
1971.....	10,344	6,341	3,836	(NA)	15.1	10.9	40.7	(NA)
1972.....	10,082	5,784	4,025	(NA)	14.9	10.1	42.7	(NA)
1973.....	9,453	5,462	3,822	1,364	14.2	9.7	40.6	27.8
1974.....	9,967	6,079	3,713	1,414	15.1	11.0	39.6	28.6
1975.....	10,882	6,748	3,884	1,619	16.8	12.5	41.4	33.1
1976.....	10,081	6,034	3,758	1,424	15.8	11.3	40.4	30.1
1977.....	10,028	5,943	3,850	1,402	16.0	11.4	41.6	28.0
1978.....	9,722	5,674	3,781	1,354	15.7	11.0	41.2	27.2
1979.....	9,993	5,909	3,745	1,505	16.0	11.4	40.8	27.7
1980.....	11,114	6,817	3,906	1,718	17.9	13.4	42.1	33.0
1981.....	12,068	7,429	4,170	1,874	19.5	14.7	44.9	35.4
1982.....	13,139	8,262	4,388	2,117	21.3	16.5	47.3	38.9
1983.....	13,427	8,534	4,273	2,251	21.8	17.0	46.2	37.7
1984.....	12,929	8,086	4,320	2,317	21.0	16.1	45.2	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
Northeast.....	1,903	1,341	492	556	16.0	13.3	32.7	47.2
Midwest.....	2,966	1,935	945	150	18.8	14.3	48.6	33.5
South.....	4,888	2,461	2,374	763	23.0	15.8	44.8	39.3
West.....	2,500	1,977	227	944	19.1	17.7	32.0	32.1

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

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 157, and earlier reports.

**No. 718. FAMILIES BELOW POVERTY LEVEL AND BELOW 125 PERCENT OF POVERTY LEVEL:  
1959 TO 1986**

[Families as of March of the following year. For explanation of poverty level, see text, section 14]

YEAR	NUMBER BELOW POVERTY LEVEL (1,000)				PERCENT BELOW POVERTY LEVEL				BELOW 125 PERCENT OF POVERTY LEVEL	
	All races <sup>1</sup>	White	Black	Hispan- ic <sup>2</sup>	All races <sup>1</sup>	White	Black	Hispan- ic <sup>2</sup>	Number (1,000)	Percent
1959.....	8,320	6,185	1,860	(NA)	18.5	15.2	48.1	(NA)	11,790	26.2
1960.....	8,243	6,115	(NA)	(NA)	18.1	14.9	(NA)	(NA)	11,525	25.4
1966.....	5,784	4,106	1,820	(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.....	5,280	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	23.2	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 <sup>3</sup> .....	5,320	3,515	1,666	610	9.1	6.8	27.6	19.7	7,566	13.0
1979 <sup>4</sup> .....	5,461	3,581	1,722	614	8.2	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.....	6,651	4,670	1,972	792	11.2	8.8	30.8	24.0	9,668	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	28.0	10,410	16.8
1984.....	7,277	4,925	2,094	891	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.....	7,223	4,983	1,987	1,085	10.9	8.6	28.0	24.7	9,476	14.7

NA. Not available. <sup>1</sup> Includes other races not shown separately. <sup>2</sup> Hispanic persons may be of any race. <sup>3</sup> Population controls based on 1970 census; see text, section 14. <sup>4</sup> Population controls based on 1980 census; see text, section 14.  
Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 157.

**No. 719. FAMILIES BELOW POVERTY LEVEL—SELECTED CHARACTERISTICS, BY RACE AND HISPANIC  
ORIGIN: 1986**

[In thousands, except percent. Families as of March 1987. For explanation of poverty, see text, section 14. For composition of regions, see fig. 1, inside front cover]

CHARACTERISTIC	NUMBER BELOW POVERTY LEVEL				PERCENT BELOW POVERTY LEVEL			
	All races <sup>1</sup>	White	Black	Hispanic <sup>2</sup>	All races <sup>1</sup>	White	Black	Hispanic <sup>2</sup>
<b>Total.....</b>	<b>7,023</b>	<b>4,811</b>	<b>1,987</b>	<b>1,085</b>	<b>10.9</b>	<b>8.6</b>	<b>28.0</b>	<b>24.7</b>
<b>Age of householder:</b>								
15-24 years old.....	925	634	278	159	31.5	26.3	58.6	40.1
25-34 years old.....	2,292	1,540	688	403	15.2	12.1	34.4	29.4
35-44 years old.....	1,526	1,051	408	253	9.9	7.9	24.3	22.0
45-54 years old.....	811	521	249	128	7.4	5.6	20.2	18.6
55-64 years old.....	752	567	168	84	7.7	6.5	20.3	18.0
65 years old and over.....	716	498	196	58	7.0	5.4	22.1	17.3
<b>Region:</b>								
Northeast.....	1,156	853	271	276	8.6	7.2	22.1	32.0
Midwest.....	1,883	1,203	442	66	10.6	8.4	32.3	24.8
South.....	2,860	1,681	1,153	360	12.7	9.1	29.8	25.2
West.....	1,325	1,074	122	381	10.4	9.6	19.2	20.8
<b>Size of family:</b>								
2 persons.....	2,350	1,730	567	208	8.9	7.4	24.3	18.7
3 persons.....	1,697	1,144	512	242	11.0	8.7	27.3	24.1
4 persons.....	1,375	952	378	254	10.1	8.1	26.4	23.1
5 persons.....	811	530	252	191	13.7	10.8	33.0	29.1
6 persons.....	415	287	120	95	20.0	15.9	33.3	32.4
7 persons or more.....	375	199	159	95	31.9	26.1	48.0	40.3
Mean size.....	3.52	3.42	3.73	4.11	(x)	(x)	(x)	(x)
Mean number of children per family with children.....	2.22	2.13	2.38	2.54	(x)	(x)	(x)	(x)
<b>Education of householder:<sup>3</sup></b>								
Elementary: Less than 8 years.....	1,000	689	272	368	25.5	22.8	34.4	37.3
8 years.....	554	421	121	113	15.5	13.3	36.9	33.2
High school: 1 to 3 years.....	1,371	876	453	162	18.5	14.6	35.6	27.7
4 years.....	2,136	1,429	664	193	9.5	7.3	26.6	17.3
College: 1 year or more.....	951	708	186	55	4.0	3.3	10.9	6.3
<b>Work experience of householder in 1986:<sup>4</sup></b>								
Total.....	6,991	4,780	1,987	1,085	11.0	8.7	28.5	24.9
Worked.....	3,500	2,602	793	559	7.1	6.0	16.4	16.5
50 to 52 weeks.....	1,452	1,114	288	259	3.7	3.2	8.3	10.4
1 to 49 weeks.....	2,048	1,468	505	300	19.6	16.9	37.3	33.3
Did not work.....	3,491	2,178	1,195	526	24.3	18.3	55.8	54.0

X. Not applicable. <sup>1</sup> Includes other races not shown separately. <sup>2</sup> Hispanic persons may be of any race. <sup>3</sup> Household-  
or 25 years old and over. <sup>4</sup> Restricted to families with civilian workers.  
Source: U.S. Bureau of the Census, *Current Population Reports*, series P-60, No. 157.

**No. 720. PERSONS BELOW POVERTY LEVEL AND POVERTY RATE, BY VALUATION TECHNIQUE AND TYPE OF NONCASH BENEFIT INCLUDED: 1980 TO 1986**

[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	1981	1982	1983	1984	1985	1986
NUMBER BELOW POVERTY LEVEL (1,000)							
Current poverty definition <sup>1</sup> .....	29,272	31,882	34,398	35,515	33,700	33,064	32,370
Market value approach:							
Including food and housing.....	25,042	27,832	30,688	32,123	30,103	28,489	28,988
Including food, housing, and medical benefits, excluding institutional expenditures.....	18,221	21,046	23,563	24,512	23,019	21,941	21,369
Recipient and/or cash equivalent approach:							
Including food and housing.....	25,633	28,651	31,385	32,718	30,809	30,351	29,793
Including food, housing, and medical benefits, excluding institutional expenditures.....	23,895	26,784	29,407	30,720	28,917	28,281	27,592
PERCENT BELOW POVERTY LEVEL							
Current poverty definition <sup>1</sup> .....	13.0	14.0	15.0	15.3	14.4	14.0	13.6
Market value approach:							
Including food and housing.....	11.1	12.3	13.4	13.9	12.9	12.5	12.2
Including food, housing, and medical benefits, excluding institutional expenditures.....	8.1	9.3	10.3	10.6	9.8	9.3	9.0
Recipient and/or cash equivalent approach:							
Including food and housing.....	11.4	11.8	13.7	14.1	13.2	12.8	12.5
Including food, housing, and medical benefits, excluding institutional expenditures.....	10.6	11.7	12.8	13.3	12.4	12.0	11.6

<sup>1</sup> See text, section 14.

Source: U.S. Bureau of the Census, *Estimates of Poverty Including the Value of Noncash Benefits: 1986*, Technical Paper 57.

**No. 721. PERSONS BELOW POVERTY LEVEL AND POVERTY RATE, BY SELECTED CHARACTERISTIC, USING ALTERNATIVE METHODS OF VALUING NONCASH BENEFITS: 1986**

[Persons as of **March 1987**. For explanation of valuation techniques, see headnote, table 720. For composition of regions, see fig. 1, inside front cover]

CHARACTERISTIC	NUMBER (1,000)					PERCENT BELOW POVERTY LEVEL				
	Current poverty definition	Market value		Recipient value		Current poverty definition	Market value		Recipient value	
		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		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
<b>All persons.....</b>	<b>32,370</b>	<b>28,988</b>	<b>21,369</b>	<b>29,793</b>	<b>27,592</b>	<b>13.6</b>	<b>12.2</b>	<b>9.0</b>	<b>12.5</b>	<b>11.6</b>
Under 6 years old.....	4,798	4,353	3,480	4,472	4,311	22.1	20.1	16.1	20.8	19.9
6-17 years old.....	8,080	7,051	5,209	7,239	6,822	19.6	17.1	12.8	17.5	16.5
18-24 years old.....	4,133	3,823	3,302	3,922	3,776	15.6	14.4	12.5	14.8	14.3
25-44 years old.....	7,815	7,012	5,687	7,187	6,655	10.2	9.2	7.4	9.4	9.0
45-64 years old.....	4,070	3,762	2,866	3,868	3,592	9.1	8.4	6.4	8.6	8.0
65 years old and over.....	3,477	2,987	846	3,105	2,237	12.4	10.7	3.0	11.1	8.0
<b>White.....</b>	<b>22,189</b>	<b>20,039</b>	<b>14,882</b>	<b>20,540</b>	<b>18,989</b>	<b>11.0</b>	<b>9.9</b>	<b>7.4</b>	<b>10.2</b>	<b>9.4</b>
Black.....	8,983	7,884	5,705	8,171	7,613	31.1	27.3	19.8	28.3	26.4
Hispanic <sup>1</sup> .....	5,117	4,565	3,501	4,687	4,438	27.3	24.3	18.7	25.0	23.7
<b>Northeast.....</b>	<b>5,211</b>	<b>4,440</b>	<b>2,698</b>	<b>4,702</b>	<b>4,254</b>	<b>10.5</b>	<b>9.0</b>	<b>5.4</b>	<b>8.5</b>	<b>8.6</b>
Midwest.....	7,641	6,872	4,885	7,060	6,469	13.0	11.7	8.3	12.0	11.0
South.....	13,106	11,888	9,266	12,103	11,339	16.1	14.6	11.3	14.8	13.9
West.....	6,412	5,788	4,511	5,927	5,529	13.2	11.9	9.3	12.2	11.4

<sup>1</sup> Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Estimates of Poverty Including the Value of Noncash Benefits: 1986*, Technical Paper 57.

**NO. 722. GROSS AND NET STOCK OF FIXED REPRODUCIBLE TANGIBLE WEALTH IN CURRENT AND CONSTANT (1982) DOLLARS: 1970 TO 1986**

*[In billions of dollars]*

ITEM	1970	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
<b>CURRENT DOLLARS</b>													
<b>Gross stock, total</b> .....	<b>4,335</b>	<b>7,605</b>	<b>6,334</b>	<b>9,359</b>	<b>10,905</b>	<b>12,366</b>	<b>13,914</b>	<b>15,330</b>	<b>15,873</b>	<b>16,768</b>	<b>17,733</b>	<b>18,746</b>	<b>19,793</b>
Equipment.....	1,593	2,688	2,962	3,297	3,727	4,247	4,849	5,432	5,840	6,150	6,499	6,881	7,327
Structures.....	2,752	4,919	5,372	6,063	7,177	8,119	9,065	9,899	10,032	10,610	11,235	11,865	12,465
Private.....	2,649	4,756	5,277	5,992	6,981	7,902	8,943	10,007	10,343	10,929	11,566	12,103	12,798
Nonresidential equipment.....	679	1,252	1,389	1,558	1,770	2,031	2,353	2,660	2,894	3,008	3,153	3,283	3,439
Nonresidential structures.....	774	1,409	1,532	1,696	2,004	2,194	2,491	2,823	2,965	3,087	3,280	3,416	3,565
Residential.....	1,195	2,094	2,356	2,739	3,207	3,677	4,098	4,503	4,484	4,834	5,133	5,405	5,794
Corporate.....	1,115	2,056	2,260	2,518	2,902	3,264	3,748	4,259	4,542	4,706	4,977	5,198	5,453
Noncorporate.....	1,533	2,700	3,017	3,474	4,080	4,638	5,195	5,748	5,801	6,223	6,589	6,906	7,346
Government.....	1,006	1,730	1,824	1,995	2,372	2,704	2,997	3,162	3,294	3,387	3,561	3,848	3,952
Equipment.....	224	314	339	367	406	456	521	590	651	700	739	803	846
Structures.....	782	1,416	1,484	1,628	1,966	2,248	2,476	2,572	2,583	2,687	2,822	3,045	3,106
Federal.....	371	549	592	635	710	802	910	997	1,059	1,123	1,162	1,262	1,309
Military.....	228	316	344	366	403	465	533	586	636	683	708	790	828
State and local.....	635	1,181	1,232	1,361	1,652	1,902	2,087	2,185	2,175	2,264	2,400	2,586	2,843
Consumer durable goods.....	580	1,119	1,234	1,372	1,552	1,760	1,974	2,182	2,253	2,452	2,606	2,795	3,043
Motor vehicles.....	264	428	481	548	627	713	785	863	919	1,003	1,086	1,203	1,349
Furniture, household equip- ment.....	314	508	548	593	661	732	817	897	949	995	1,039	1,085	1,149
Other.....	102	183	205	231	264	315	372	402	427	454	481	508	544
<b>Net stock, total</b> .....	<b>2,637</b>	<b>4,600</b>	<b>5,014</b>	<b>5,825</b>	<b>6,564</b>	<b>7,436</b>	<b>8,312</b>	<b>9,094</b>	<b>9,310</b>	<b>9,775</b>	<b>10,325</b>	<b>10,899</b>	<b>11,508</b>
Private.....	1,637	2,934	3,242	3,681	4,295	4,867	5,484	6,104	6,242	6,563	6,939	7,254	7,670
Government.....	627	1,070	1,119	1,218	1,449	1,644	1,808	1,894	1,926	2,005	2,100	2,258	2,312
Consumer durable goods.....	372	586	653	725	820	925	1,020	1,096	1,142	1,207	1,266	1,387	1,525
<b>CONSTANT (1982) DOLLARS</b>													
<b>Gross stock, total</b> .....	<b>10,743</b>	<b>12,772</b>	<b>13,157</b>	<b>13,597</b>	<b>14,093</b>	<b>14,604</b>	<b>15,042</b>	<b>15,467</b>	<b>15,834</b>	<b>16,245</b>	<b>16,762</b>	<b>17,326</b>	<b>17,905</b>
Equipment.....	3,344	4,236	4,421	4,638	4,889	5,146	5,355	5,558	5,741	5,952	6,223	6,531	6,855
Structures.....	7,399	8,536	8,737	8,958	9,204	9,458	9,687	9,909	10,093	10,293	10,539	10,796	11,050
Private.....	6,889	8,313	8,549	8,837	9,164	9,514	9,813	10,106	10,334	10,579	10,904	11,247	11,585
Nonresidential equipment.....	1,820	2,084	2,166	2,273	2,400	2,537	2,651	2,759	2,834	2,913	3,024	3,147	3,272
Nonresidential structures.....	2,118	2,429	2,483	2,540	2,609	2,686	2,769	2,865	2,951	3,020	3,104	3,194	3,283
Residential.....	3,251	3,800	3,900	4,023	4,154	4,291	4,393	4,481	4,548	4,646	4,778	4,906	5,058
Corporate.....	2,683	3,480	3,588	3,715	3,867	4,036	4,194	4,354	4,481	4,600	4,771	4,955	5,139
Noncorporate.....	4,106	4,833	4,961	5,122	5,297	5,477	5,619	5,752	5,853	5,979	6,132	6,282	6,446
Government.....	2,549	2,839	2,895	2,943	3,001	3,058	3,118	3,171	3,230	3,291	3,348	3,420	3,499
Equipment.....	518	532	541	549	561	575	592	609	637	665	689	724	762
Structures.....	2,030	2,307	2,354	2,395	2,440	2,481	2,525	2,562	2,594	2,627	2,659	2,696	2,737
Federal.....	922	934	944	952	965	980	999	1,018	1,046	1,075	1,098	1,130	1,165
Military.....	554	544	551	555	561	574	588	600	624	647	666	695	728
State and local.....	1,626	1,905	1,951	1,992	2,036	2,076	2,118	2,163	2,185	2,217	2,250	2,290	2,334
Consumer durable goods.....	1,206	1,162	1,173	1,181	1,192	1,204	1,211	1,219	1,230	1,237	1,245	1,251	1,259
Motor vehicles.....	463	639	681	727	777	820	844	873	909	962	1,033	1,108	1,182
Furniture, household equip- ment.....	545	701	732	767	804	844	879	911	940	975	1,020	1,074	1,138
Other.....	198	280	300	322	347	370	389	406	422	437	457	477	500
<b>Net stock, total</b> .....	<b>6,566</b>	<b>7,743</b>	<b>7,933</b>	<b>8,177</b>	<b>8,467</b>	<b>8,762</b>	<b>9,072</b>	<b>9,165</b>	<b>9,299</b>	<b>9,469</b>	<b>9,750</b>	<b>10,070</b>	<b>10,402</b>
Private.....	4,313	5,130	5,281	5,421	5,622	5,841	6,075	6,156	6,244	6,349	6,535	6,734	6,925
Government.....	1,594	1,753	1,777	1,796	1,826	1,852	1,878	1,899	1,925	1,949	1,974	2,009	2,051
Consumer durable goods.....	659	660	660	660	660	660	660	660	660	660	660	660	660

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, January 1986 and August 1987, and *Fixed Reproducible Tangible Wealth in the United States, 1925-85*.

**NO. 723. TOP WEALTHHOLDERS WITH GROSS ASSETS OF \$300,000 OR MORE, BY SIZE OF NET WORTH AND SEX: 1982**

[All figures are estimates based on estate tax return samples. Net worth equals assets minus debts and mortgages. Minus sign (-) indicates negative net worth]

ITEM	Unit	Total	NET WORTH					
			Under \$100,000 <sup>1</sup>	\$100,000 to \$250,000	\$250,000 to \$499,999	\$500,000 to \$999,999	\$1,000,000 to \$4,999,999	\$5,000,000 or more
Top wealthholders, number.....	1,000.....	4,377,9	378.9	724.8	1,998.6	868.0	375.7	32.0
Total assets.....	Mil. dol	2,897,185	97,456	207,432	818,445	651,494	780,014	342,343
Net worth.....	Mil. dol	2,423,111	-6,709	130,064	716,586	581,876	681,159	320,124
Top male wealthholders, number.....	1,000.....	2,658.7	318.8	595.2	1,013.3	482.4	231.5	17.5
Total assets.....	Mil. dol	1,746,052	88,356	162,995	424,345	372,456	504,472	193,428
Net worth.....	Mil. dol	1,361,425	-5,352	105,478	355,407	326,720	421,983	177,169
Top female wealthholders, number.....	1,000.....	1,719.2	60.1	129.6	985.3	385.6	144.2	14.4
Total assets.....	Mil. dol	1,151,133	9,100	44,438	394,100	279,038	275,542	148,915
Net worth.....	Mil. dol	1,041,686	-1,357	24,587	361,189	255,155	259,176	142,935

<sup>1</sup> Includes those wealthholders with negative net worth.

Source: U.S. Internal Revenue Service, *Statistics of Income Bulletin*, Winter 1984-85.

**No. 724. TOP WEALTHHOLDERS WITH GROSS ASSETS OF \$300,000 OR MORE, BY STATE OF RESIDENCE: 1982**

[All figures are estimates based on estate tax return samples. Net worth equals assets minus debts and mortgages. For composition of regions, see fig. 1, inside front cover]

REGION, DIVISION, AND STATE	Number of top wealth-holders (1,000)	Total assets (bil. dol.)	Net worth (bil. dol.)	MILLIONAIRES AS DEFINED BY NET WORTH		DIVISION AND STATE OR OTHER AREA	Number of top wealth-holders (1,000)	Total assets (bil. dol.)	Net worth (bil. dol.)	MILLIONAIRES AS DEFINED BY NET WORTH	
				Number (1,000)	Amount (bil. dol.)					Number (1,000)	Amount (bil. dol.)
<b>Total</b> .....	<b>4,377.9</b>	<b>2,897.2</b>	<b>2,423.1</b>	<b>407.7</b>	<b>1,001.3</b>	<b>S.A.—Con.</b>					
<b>Regions:</b>						MD <sup>1</sup> .....	98.0	67.9	60.2	8.9	33.3
Northeast.....	805.3	526.3	468.6	86.3	210.5	VA.....	99.2	43.8	38.5	4.9	14.8
Midwest.....	1,137.0	686.5	549.6	83.3	178.9	WV.....	8.4	7.7	4.7	.6	1.5
South.....	1,413.4	937.6	793.0	135.0	351.5	NC.....	70.1	36.4	29.6	3.6	8.0
West.....	1,012.7	740.3	605.6	101.5	257.7	SC.....	42.1	18.9	16.3	2.2	4.0
<b>N.E.</b> .....	<b>195.3</b>	<b>135.1</b>	<b>118.0</b>	<b>21.4</b>	<b>52.0</b>	FL.....	279.5	239.2	205.4	40.6	111.8
ME.....	10.8	8.6	4.6	.8	1.8	E.S.C.	163.2	90.0	73.8	14.9	30.2
NH.....	14.5	8.5	7.9	2.1	3.1	KY.....	42.2	23.8	18.5	3.5	7.4
VT.....	7.5	4.9	4.0	.7	1.8	TN.....	47.9	28.8	23.1	5.3	10.0
MA.....	78.9	49.8	43.5	7.6	18.3	AL.....	33.9	21.3	19.0	4.1	8.9
RI.....	7.8	4.3	3.5	.8	1.4	MS.....	28.2	16.1	13.2	2.0	3.8
CT.....	75.8	59.0	54.5	9.4	25.6	W.S.C.	582.0	382.0	323.1	52.8	132.2
<b>M.A.</b> .....	<b>610.0</b>	<b>391.2</b>	<b>350.6</b>	<b>64.9</b>	<b>158.5</b>	AR.....	36.2	20.6	15.8	2.6	5.1
NY.....	306.0	209.5	189.3	30.9	98.1	LA.....	59.9	40.2	32.8	6.2	15.4
NJ.....	144.8	79.8	73.3	8.3	22.7	OK.....	68.4	40.2	31.9	4.5	10.5
PA.....	159.2	101.9	88.0	25.7	37.8	TX.....	417.5	281.0	242.6	39.5	101.2
<b>E.N.C.</b> .....	<b>664.0</b>	<b>372.3</b>	<b>311.8</b>	<b>43.2</b>	<b>96.4</b>	MT.....	251.5	172.6	138.3	22.5	55.8
OH.....	158.5	86.1	75.6	12.6	25.6	MT.....	23.0	13.1	9.1	.9	2.1
IN.....	60.6	32.5	28.1	4.5	9.2	ID.....	14.5	10.8	7.7	1.0	2.5
IL.....	241.0	147.0	116.4	14.5	34.4	WY.....	13.3	10.1	8.4	1.3	2.8
MI.....	113.1	64.2	56.7	7.3	17.2	CO.....	72.9	52.9	42.0	6.9	19.3
WI.....	85.8	42.5	35.0	4.3	10.0	NM.....	13.6	9.1	7.0	1.1	2.8
<b>W.N.C.</b> .....	<b>473.0</b>	<b>314.2</b>	<b>237.6</b>	<b>40.1</b>	<b>82.5</b>	AZ.....	66.0	42.5	35.7	5.6	12.7
NC.....	91.0	102.4	82.4	17.6	37.7	UT.....	22.2	16.3	15.5	4.3	9.7
VA.....	115.5	56.9	44.6	3.3	4.9	NV.....	25.0	15.8	12.8	1.5	3.8
MD.....	72.7	48.6	41.0	7.7	15.6	PA.....	781.2	587.7	487.4	78.0	201.9
IA.....	51.1	23.7	20.2	3.8	4.5	OR.....	65.4	56.2	49.6	10.4	26.5
MO.....	72.7	48.6	41.0	7.7	15.6	CA.....	617.0	467.2	383.4	64.5	166.7
ND.....	51.1	23.7	20.2	3.8	4.5	AK.....	16.1	8.2	6.8	1.2	2.9
SD.....	15.4	8.5	6.6	1.2	2.1	HI.....	14.2	8.8	4.3	.8	1.7
NE.....	66.5	36.5	29.8	3.3	7.3	Other areas <sup>2</sup> .....	9.8	6.5	6.2	1.5	2.7
KS.....	60.8	37.7	33.2	3.2	10.4						
<b>S.A.</b> .....	<b>678.2</b>	<b>465.6</b>	<b>396.1</b>	<b>67.3</b>	<b>189.1</b>						
DE.....	8.0	5.0	4.0	.7	1.5						

<sup>1</sup> Includes District of Columbia. <sup>2</sup> U.S. citizens domiciled abroad.

Source: U.S. Internal Revenue Service, *Statistics of Income Bulletin*, Winter 1984-85.

**No. 725. TOP WEALTHHOLDERS WITH GROSS ASSETS GREATER THAN \$500,000, BY SIZE OF NET WORTH AND TYPE OF ASSET: 1982**

[All figures are estimates based on a sample of estate tax returns]

TYPE OF ASSET	NUMBER (1,000)					AMOUNT (bil. dol.)				
	Total	Net worth				Total	Net worth			
		Under \$250,000 <sup>1</sup>	\$250,000-\$500,000	\$500,000-\$1,000,000	\$1,000,000 or more		Under \$250,000 <sup>1</sup>	\$250,000-\$500,000	\$500,000-\$1,000,000	\$1,000,000 or more
<b>Total</b> .....	<b>1,985.1</b>	<b>254.9</b>	<b>434.5</b>	<b>868.0</b>	<b>407.7</b>	<b>2,140</b>	<b>122</b>	<b>244</b>	<b>651</b>	<b>1,122</b>
Real estate.....	1,740.3	237.3	371.8	771.7	359.4	675	63	105	242	265
Corporate stock.....	1,555.3	169.3	307.4	710.5	368.1	531	11	35	135	350
Noncorporate business assets.....	829.7	112.6	176.6	325.9	214.6	181	15	21	35	111
Cash.....	1,911.1	236.7	422.7	851.4	400.3	167	5	18	78	67
Bonds.....	755.2	43.7	96.7	398.5	216.3	128	1	4	36	88
State and local government.....	411.3	8.9	37.0	212.6	152.9	62	(z)	1	14	46
Federal savings.....	204.5	19.2	30.7	108.4	46.2	6	(z)	(z)	3	3
Other Federal.....	219.9	11.8	27.1	112.7	68.3	46	(z)	1	13	32
Corporate and foreign.....	328.2	13.1	40.5	191.5	83.1	14	(z)	1	8	7
Notes and mortgages.....	922.8	60.6	198.3	430.0	233.9	97	6	10	30	51
Life insurance equity.....	1,450.1	245.9	370.2	564.0	270.0	26	5	7	7	7
Other assets.....	1,903.0	245.2	427.2	835.8	394.9	336	16	48	89	184
<b>Debts and mortgages</b> .....	<b>1,813.5</b>	<b>251.3</b>	<b>419.3</b>	<b>770.2</b>	<b>372.8</b>	<b>375</b>	<b>115</b>	<b>89</b>	<b>70</b>	<b>121</b>
<b>Net worth</b> .....	<b>(x)</b>	<b>(x)</b>	<b>(x)</b>	<b>(x)</b>	<b>(x)</b>	<b>1,785</b>	<b>8</b>	<b>175</b>	<b>582</b>	<b>1,001</b>

X Not applicable. Z Less than \$500 million. <sup>1</sup> Includes those wealthholders with negative net worth.

Source: U.S. Internal Revenue Service, *Statistics of Income Bulletin*, Winter 1984-85.

**NO. 726. 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 <sup>1</sup> .....	53.9	449	.8
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)	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 <sup>2</sup> .....	6.9	12,789	4.9

NA Not available. <sup>1</sup> Regular non-interest-earning checking accounts. <sup>2</sup> Includes mortgages held from sale of real estate amount due from sale of a business, unit trusts, and other financial investments.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-70, No. 7.

**NO. 727. HOUSEHOLD NET WORTH—PERCENT DISTRIBUTION BY SELECTED CHARACTERISTICS: 1984**

[See headnote, table 726. 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	
<b>Total</b> .....	<b>86,790</b>	<b>11.0</b>	<b>15.3</b>	<b>6.4</b>	<b>12.4</b>	<b>14.5</b>	<b>19.3</b>	<b>15.3</b>	<b>5.9</b>	<b>32,667</b>
<b>Age of householder:</b>										
Under 35 years old.....	25,730	19.1	28.9	11.0	17.2	11.9	8.2	2.9	.9	5,784
35–44 years old.....	17,393	9.7	12.5	6.1	13.4	18.3	21.4	13.7	4.7	35,581
45–54 years old.....	12,596	8.2	8.5	4.1	10.6	14.1	24.9	21.0	8.7	58,791
55–64 years old.....	12,920	5.3	7.7	3.3	7.8	13.9	25.3	25.7	11.8	79,684
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
<b>Race of householder:</b>										
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 <sup>1</sup> .....	4,162	23.9	26.3	7.6	11.4	9.5	13.1	5.1	3.1	4,913
<b>Region:</b>										
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
<b>Type of household:</b>										
Married-couple.....	50,606	8.0	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
<b>Education of householder:</b>										
Less than 12 years.....	24,736	15.1	17.2	6.6	12.4	15.9	18.6	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: 1–3 years.....	17,171	10.2	16.7	7.2	13.0	13.8	19.3	14.4	5.5	29,121
4 years.....	17,430	7.4	8.5	5.6	11.3	12.8	19.1	22.7	12.6	60,417
<b>Tenure:</b>										
Owner-occupied.....	55,820	1.4	2.9	3.9	13.1	18.6	28.0	22.5	8.7	63,253
Renter-occupied.....	30,970	28.3	37.6	11.0	11.1	5.2	3.6	2.3	.9	1,921

<sup>1</sup> Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-70, No. 7.



NO. 728. HOUSEHOLD NET WORTH—OWNERSHIP RATES AND MEDIAN VALUE OF HOLDINGS: 1984

[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]

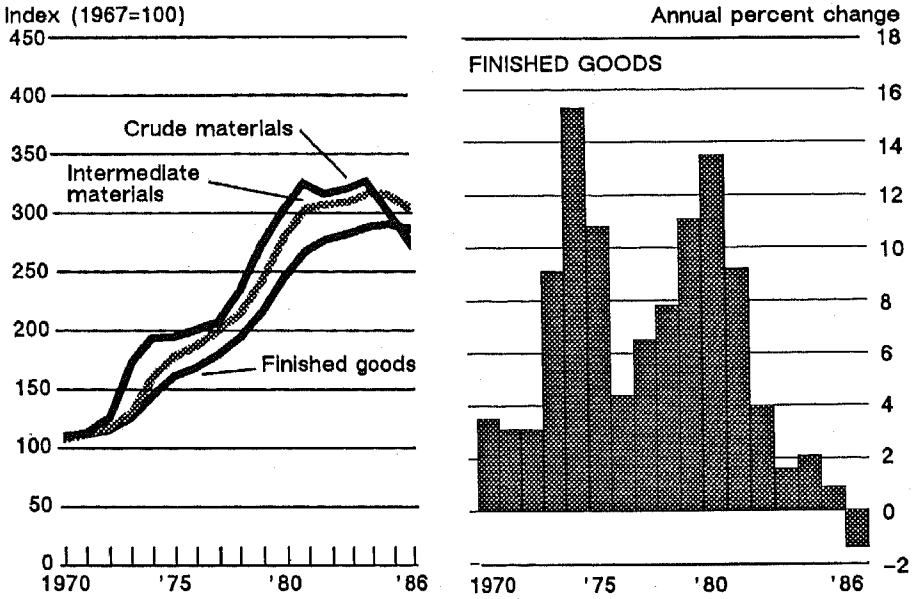
CHARACTERISTIC	Num-ber of house-holds (1,000)	PERCENT OWNING—										MEDIAN VALUE OF HOLDINGS FOR ASSET OWNER (dol.)									
		Inter-est-earning ac-cts <sup>1</sup>	Other inter-est-earning ac-cts <sup>2</sup>	Regu-lar check-ing ac-cts <sup>3</sup>	Stocks and mutual fund shares	Own busi-ness profes-sion	Motor vehi-cles	Own home	Rent-als prop-erty	Other real estate	U.S. sav-ing bonds	IRA or KEOGH ac-cts	Net worth	Inter-est-earning ac-cts <sup>1</sup>	Other inter-est-earning ac-cts <sup>2</sup>	Regu-lar check-ing ac-cts <sup>3</sup>	Stock and mutual fund shares	Equity in own home	IRA and KEOGH ac-cts		
<b>Total</b> .....	86,790	71.8	8.5	53.9	20.0	12.9	85.8	64.3	9.8	10.0	15.0	19.5	32,687	3,066	9,471	449	3,892	40,597	4,605		
<b>Age of householder:</b>																					
Less than 35 years old.....	25,730	64.5	4.8	50.6	13.1	10.3	87.5	40.3	3.8	5.2	13.0	10.3	5,784	901	2,318	327	1,218	17,586	2,484		
35 to 44 years old.....	17,383	72.4	7.9	59.0	22.9	18.3	89.2	69.2	10.7	10.4	17.9	21.8	9,551	1,894	5,268	410	3,197	37,268	4,498		
45 to 54 years old.....	12,596	78.3	9.1	55.0	25.7	15.7	81.6	70.2	14.3	15.4	17.5	31.4	6,670	3,387	7,765	538	4,048	48,172	5,351		
55 to 64 years old.....	12,920	79.5	11.3	55.4	25.5	15.7	89.1	80.2	15.4	15.9	18.3	36.9	73,664	7,340	13,559	568	5,662	54,059	6,390		
65 years old and over.....	16,151	77.5	11.8	48.5	21.1	5.1	71.4	73.0	10.8	8.4	11.3	8.5	60,266	13,255	18,144	651	6,882	46,192	6,369		
<b>Race of householder:</b>																					
White.....	75,243	75.4	9.4	56.9	22.0	14.0	88.5	67.3	10.1	10.9	16.1	21.4	39,135	3,457	9,826	457	3,908	41,999	4,922		
Black.....	9,509	43.8	2.1	32.0	5.4	4.0	65.0	43.8	6.6	3.3	7.4	5.1	3,397	739	(B)	318	2,777	24,077	2,450		
Hispanic <sup>4</sup> .....	4,162	50.8	2.0	36.6	7.5	9.6	74.6	39.9	6.6	5.8	6.1	9.1	4,913	1,176	(B)	359	2,468	38,867	3,257		
<b>Region:</b>																					
Northeast.....	18,539	77.4	8.7	50.7	22.2	10.7	78.5	61.0	9.1	7.3	19.9	23.8	37,734	3,923	9,101	424	3,672	49,213	4,914		
Midwest.....	22,141	74.6	8.9	54.2	20.6	13.4	88.2	68.1	10.4	10.6	17.0	20.5	35,707	2,984	8,784	374	2,959	37,139	4,672		
South.....	23,430	64.5	7.4	55.0	17.5	13.0	87.0	66.6	8.6	11.1	12.3	15.0	27,296	2,774	9,570	501	4,166	34,129	4,878		
West.....	16,686	74.4	9.6	55.3	21.3	14.5	88.6	59.0	11.7	10.3	11.8	21.6	33,525	2,962	10,017	496	4,103	52,062	4,781		
<b>Type of household:</b>																					
Married-couple house-holds.....	50,606	78.2	9.6	59.5	24.4	17.6	95.9	77.2	11.8	13.3	18.9	25.1	50,116	3,326	9,150	477	3,488	42,634	5,499		
Male householder.....	12,588	65.0	8.1	46.7	15.4	10.4	81.9	41.5	7.4	6.9	10.3	14.4	9,883	2,091	8,368	481	4,038	30,238	4,202		
Female householder.....	23,596	61.5	6.2	45.9	13.1	4.0	66.1	48.8	6.6	4.6	9.2	10.3	13,885	2,941	10,063	356	4,277	38,009	3,976		
<b>Education of householder:</b>																					
Less than 12 years.....	24,796	57.6	3.6	41.9	8.5	8.5	73.5	62.1	7.6	9.5	9.0	8.6	23,477	3,868	9,972	392	2,959	34,905	4,692		
High school.....	17,451	71.3	8.2	60.1	23.9	11.2	89.5	65.1	9.9	9.5	15.7	18.1	61,832	2,563	7,434	391	3,187	39,890	4,487		
College: 1 to 3 years.....	17,451	71.3	8.2	60.1	23.9	11.2	89.5	65.1	9.9	9.5	15.7	18.1	61,832	2,563	7,434	391	3,187	39,890	4,487		
4 or more years.....	17,450	87.7	18.7	60.9	36.4	19.7	92.9	69.4	15.1	15.0	21.2	26.2	60,417	4,296	9,690	677	4,348	41,114	4,442		
<b>Tenure:</b>																					
Owner.....	55,820	80.2	10.8	59.8	25.0	16.0	92.7	100.0	13.6	13.0	18.4	35.7	63,253	4,333	10,051	508	4,116	40,597	5,265		
Renter.....	30,970	56.5	4.3	43.3	9.2	7.3	75.3	(X)	2.8	4.6	9.0	8.5	1,921	1,182	5,056	342	2,745	(X)	3,205		

<sup>1</sup> At financial institutions. Includes passbook savings accounts, money market deposit accounts, certificates of deposit, and interest-earning checking accounts. <sup>2</sup> Includes money market funds, U.S. Government securities, municipal and corporate bonds, and other interest-earning assets. <sup>3</sup> Excludes interest-earning checking. <sup>4</sup> Hispanic persons may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-70, No. 7.

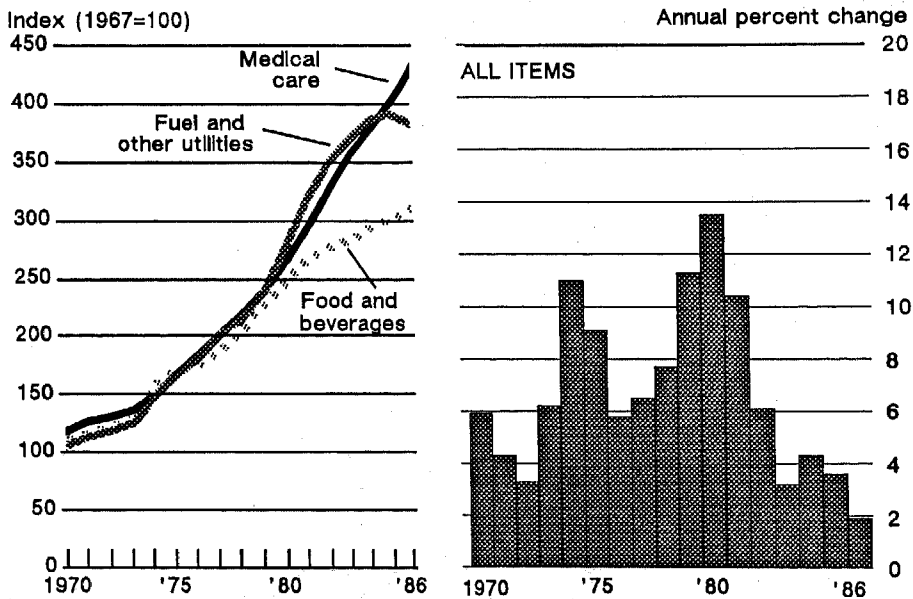
B. Base figure too small to meet statistical standards for reliability of derived figure. X Not applicable.

**Figure 15.1**  
**Producer Price Indexes by Stage of Processing: 1970 to 1986**

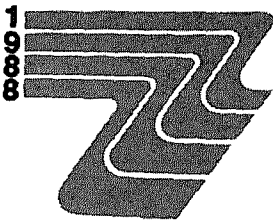


Source: Chart prepared by U.S. Bureau of the Census. For data see tables 730 and 734.

**Figure 15.2**  
**Consumer Price Indexes: 1970 to 1986**



Source: Chart prepared by U.S. Bureau of the Census. For data see tables 730 and 740.



This section presents indexes of producer and consumer prices, actual prices for selected commodities and energy prices. The primary sources of these data are monthly publications of the Department of Labor, Bureau of Labor Statistics (BLS), which include: *Monthly Labor Review*; *Consumer Price Index, Detailed Report*; *Consumer Prices: Energy and Food*; and *Producer Price Indexes*. The Bureau of Economic Analysis of the Department of Commerce is the source for the gross national product implicit price deflators; see table 732. The Department of Agriculture's Economic Research Service (ERS) produces indexes of prices received and prices paid by farmers; see section 23.

The Bureau of Labor Statistics (BLS) prepares monthly indexes of producer prices for a large selection of commodities, and monthly indexes of consumer prices for both commodities and services.

**Producer price index.**—This index, dating from 1890, is the oldest continuous statistical series published by BLS. It is designed to measure average changes in prices received by producers of all commodities, at all stages of processing, produced in the U.S.

The index has undergone several revisions (see *Monthly Labor Review*, February 1962 and April 1978). It is now based on approximately 3,400 commodity price series instead of the approximately 3,200 included in the 1947-1960 period and the 900 included for the period prior to 1947. Indexes for the net output of mining and manufacturing industries have been added in recent years. Prices used in constructing the index are collected from sellers, and generally apply to the first significant large-volume commercial transaction for each commodity—i.e., the manufacturer's or other producer's selling price or the selling price on an organized exchange or at a central market.

The weights used in the index represent the total net selling value of commodities produced or processed in this country. Values are f.o.b. production point and are exclusive of excise taxes. Beginning in January 1987, the weights are values of net shipments of commodities as derived from the industrial censuses of 1982 and other data. For January 1976-December 1986, weights were based on 1972 shipment values.

**Consumer price indexes (CPI).**—The CPI is a measure of the average change in prices over time in a fixed "market basket" of goods and services purchased either by urban wage earners and clerical workers or by all urban consumers.

In 1919, BLS began to publish complete indexes at semiannual intervals, using a weighting structure based on data collected in the expenditure survey of wage-earner and clerical-worker families in 1917-19 (BLS Bulletin 357, 1924). The first major revision of the CPI occurred in 1940, with subsequent revisions in 1953, 1964, 1978, and 1987.

The current revision, initially issued with release of the January 1987 data, is based on updated "market baskets" of goods and services and revised expenditure weights derived from a 1982-1984 Consumer Expenditure Survey.

Effective with the January 1978 index, BLS began publishing CPI's for two population groups: (1) a new CPI for All Urban Consumers (CPI-U); and (2) a revised CPI for Urban Wage Earners and Clerical Workers (CPI-W) which represents about half the population covered by CPI-U. The CPI-U includes in addition to wage earners and clerical workers, groups which historically have been excluded from CPI coverage, such as professional, managerial, and technical workers, the self-employed, short-term workers, the unemployed, and retirees and others not in the labor force. Separate, although overlapping samples were used for the two indexes from January 1978 to January 1982. Thereafter, the same samples were used for both indexes.

In January 1983, the method of measuring homeownership costs in the CPI-U was changed to a rental equivalence approach. This treatment calculates homeowner costs of the shelter based on the implicit rent owners would pay to rent the homes they own. The rental equivalence approach was introduced into the CPI-W in January 1985.

Beginning with release of the CPI for January 1987, revised versions of the CPI-U and CPI-W were introduced. The current CPI is based on prices of food, clothing, shelter, fuels, transportation fares, charges for doctors' and dentists' services, drugs, etc. purchased for day-to-day living. Prices are collected in 91 areas across the country from over 60,000 housing units and 21,000 establishments. Area selection was based on the 1980 census. All taxes directly associated with the purchase and use of items are included in the index. Prices of food, fuels, and a few other items are obtained every month in all 91 locations. Prices of most other commodities and services are collected monthly in the five largest geographic areas and every other month in other areas.

In calculating the index, each item is assigned a weight to account for its relative importance in consumers' budgets. Price changes for the various items in each location are then averaged. Local data are then combined to obtain a U.S. city average. Separate indexes are also published for regions, area size-classes, cross-classification of region and size-classes, and for 27 local areas, usually consisting of the Metropolitan Statistical Area (MSA); see Appendix II. Area definitions are those established by the Office of Management and Budget in 1983. Definitions do not include revisions made since 1983. Area indexes do not measure differences in the level of prices among cities, they only measure the average change in prices for each area since the base period. For further detail regarding the CPI, see the BLS *Handbook of Methods*, vol. II, the Consumer Price Index, and Report 736, the CPI: 1987 Revision.

**Other price indexes.**—The fixed-weighted price index is a weighted average of the detailed price indexes used in the deflation of goods and services that make up the GNP. These price indexes are combined using weights that reflect the composition of GNP in 1982. Because the same weights are used for each period, changes in this index measure changes in prices over any period. The chain price index is an alternative measure of price change. It is a weighted average of the same detailed price indexes, but they are combined using weights that reflect the composition of GNP in the first of two consecutive periods. Thus, changes in this index measure changes in prices only between the consecutive periods.

The implicit price deflator is a by-product of the deflation of GNP. It is derived as the ratio of current- to constant-dollar GNP (multiplied by 100). It is a weighted average of the detailed price indexes used in the deflation of GNP, but they are combined using weights that reflect the composition of GNP in each period. Thus, changes in the implicit price deflator reflect not only changes in prices but also changes in the composition of GNP.

**Statistical reliability.**—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability pertaining to the producer price index and the CPI, 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.

**Statistics for States and metropolitan statistical areas (MSAs).**—Data for States and MSAs may also be found in *State and Metropolitan Area Data Book 1986*. For cross-references, see Appendix V.

#### NO. 729. PURCHASING POWER OF THE DOLLAR: 1940 TO 1986

[1967=\$1.00. Producer prices prior to 1961, and consumer prices prior to 1964, exclude Alaska and Hawaii. For 1940 and 1945, producer prices based on all commodities index; subsequent years based on finished goods index. Obtained by dividing the average price index for the 1967 base period (100.0) by the price index for a given period and expressing the result in dollars and cents. Annual figures are based on average of monthly data]

YEAR	ANNUAL AVERAGE AS MEASURED BY—		YEAR	ANNUAL AVERAGE AS MEASURED BY—		YEAR	ANNUAL AVERAGE AS MEASURED BY—	
	Producer prices	Consumer prices		Producer prices	Consumer prices		Producer prices	Consumer prices
1940.....	\$2.489	\$2.381	1960.....	\$1.067	\$1.127	1974.....	\$ .678	\$ .677
1945.....	1.832	1.855	1961.....	1.067	1.116	1975.....	.612	.620
1948.....	1.252	1.387	1962.....	1.064	1.104	1976.....	.586	.587
1949.....	1.289	1.401	1963.....	1.067	1.091	1977.....	.550	.551
1950.....	1.266	1.387	1964.....	1.063	1.076	1978.....	.510	.512
1951.....	1.156	1.285	1965.....	1.045	1.058	1979.....	.459	.460
1952.....	1.163	1.258	1966.....	1.012	1.029	1980.....	.405	.405
1953.....	1.175	1.248	1967.....	1.000	1.000	1981.....	.371	.367
1954.....	1.172	1.142	1968.....	.972	.960	1982.....	.356	.346
1955.....	1.170	1.247	1969.....	.938	.911	1983.....	.311	.335
1956.....	1.138	1.229	1970.....	.907	.880	1984.....	.343	.321
1957.....	1.098	1.186	1971.....	.880	.824	1985.....	.340	.310
1958.....	1.073	1.155	1972.....	.853	.799	1986.....	.345	.304
1959.....	1.075	1.145	1973.....	.782	.751			

Source: U.S. Bureau of Labor Statistics. Monthly data in U.S. Bureau of Economic Analysis, *Survey of Current Business*.

**NO. 730. ANNUAL PERCENT CHANGE IN SELECTED PRICE INDEXES: 1960 TO 1986**

[Yearly averages. Minus sign (—) indicates decrease. GNP=Gross national product; see text, section 15]

YEAR OR PERIOD	CONSUMER PRICES						PRODUCER PRICES					GNP DEFLATOR <sup>2</sup>			
	All items	Food	Fuel oil and coal <sup>1</sup>	Gas (piped) and electricity	Rent	Services	Finished goods		Inter-mediate goods	Crude goods		Total	Domestic business	Non-farm business	PCE <sup>3</sup> deflator
							Total	Consumer goods		Total	Fuel				
1960 <sup>4</sup>	1.6	1.0	-7	4.1	1.4	3.3	.8	1.0	-	-2.4	1.0	1.6	1.2	1.2	1.9
1961	1.0	1.3	2.0	.8	1.3	2.0	-	-2	-6	-5	-2	1.0	.9	.6	1.2
1962	1.1	.9	.5	-	1.2	1.9	.3	.3	-1	1.0	-5	2.2	1.8	2.1	1.8
1963	1.2	1.4	1.9	-	1.1	2.0	-3	-5	.3	-2.2	1.2	1.6	.9	.9	1.5
1964	1.3	1.3	-5	-	.9	1.9	4	.2	.3	-9	-4	1.5	1.2	1.2	1.7
1965	1.7	2.2	2.0	-	1.0	2.2	1.7	1.9	1.4	5.1	.8	2.7	2.3	2.0	1.7
1966	2.9	5.0	2.5	.2	1.3	3.9	3.2	3.4	2.5	6.4	3.0	3.6	3.1	2.8	3.1
1967	2.9	.9	3.1	4	1.8	4.4	1.2	.6	.8	-5.4	3.6	2.6	2.5	3.0	2.5
1968	4.2	3.6	3.1	.9	2.4	5.2	2.8	2.7	2.3	1.6	2.3	5.0	4.6	4.3	4.5
1969	5.4	5.1	2.4	1.9	3.2	6.9	3.7	3.8	3.4	6.7	4.2	5.8	4.9	4.9	4.3
1970	5.9	5.5	4.3	4.4	4.2	8.1	3.5	3.1	3.9	3.6	15.0	5.5	4.7	4.9	4.6
1971	4.3	3.0	6.7	6.9	4.6	5.6	3.1	2.7	3.8	2.5	13.4	5.7	4.9	4.9	4.7
1972	3.3	4.3	.9	5.1	3.5	3.8	3.1	3.3	4.0	10.9	7.0	4.7	4.0	3.8	4.0
1973	6.2	14.5	14.8	4.9	4.3	4.4	9.1	10.8	10.9	36.4	10.6	6.5	5.4	4.7	6.2
1974	11.0	14.4	57.8	15.3	5.1	9.3	15.3	15.6	23.8	12.7	33.4	9.1	9.3	8.7	10.5
1975	9.1	8.5	9.6	16.3	5.1	9.5	10.8	9.6	10.5	.4	23.7	9.8	10.0	10.7	8.0
1976	5.8	9.1	6.6	11.4	5.4	8.3	4.4	3.7	5.1	2.9	12.4	6.4	6.0	6.3	5.7
1977	6.5	6.3	13.0	12.9	6.1	7.7	6.5	6.5	6.6	3.2	21.9	6.7	6.6	6.7	6.5
1978	7.7	10.0	5.3	9.0	6.8	8.5	7.8	7.9	7.0	12.0	14.7	7.3	7.3	7.0	7.3
1979	11.3	10.9	35.1	10.8	7.3	11.0	11.1	11.8	12.8	17.0	18.9	8.9	9.0	8.8	9.2
1980	13.5	8.6	37.9	17.1	8.9	15.4	13.5	14.2	15.3	11.0	21.2	9.0	9.1	8.7	10.7
1981	10.4	7.9	21.6	14.6	8.7	13.1	9.2	9.0	9.2	8.0	22.1	9.7	9.7	9.8	9.2
1982	6.1	4.0	-1.2	13.8	7.6	9.0	4.0	3.6	1.4	-2.9	18.0	6.4	6.0	6.4	5.7
1983	3.2	2.1	-6.0	8.9	5.8	3.5	1.6	1.3	.6	1.3	5.1	3.9	3.5	3.6	4.1
1984	4.3	3.8	2.2	3.8	5.2	5.2	2.1	2.0	2.5	2.2	-	3.7	3.5	3.2	3.8
1985	3.6	2.3	-3.5	1.7	6.1	5.1	.9	.5	-.4	-7.5	-2.3	3.2	2.9	3.5	3.4
1986	1.9	3.2	-19.0	-1.3	5.8	5.0	-1.4	-2.4	-3.5	-8.5	-10.1	2.6	2.3	2.5	2.2
1960-65 <sup>5</sup>	1.3	1.4	1.2	.2	1.1	2.0	.4	.3	.3	.5	.2	1.8	1.4	1.4	1.6
1965-70 <sup>5</sup>	4.2	4.0	3.1	1.5	2.6	5.7	2.9	2.7	2.6	2.5	5.6	4.4	3.9	4.0	3.8
1970-75 <sup>5</sup>	6.8	8.8	16.4	9.6	4.5	6.5	8.2	8.3	10.4	11.9	17.2	7.1	6.9	6.7	6.7
1975-80 <sup>5</sup>	8.9	7.7	18.8	12.2	6.9	10.2	6.6	6.8	9.3	9.1	17.8	7.6	7.7	7.7	7.9
1980-85 <sup>5</sup>	5.5	4.0	2.2	8.4	6.7	7.1	3.5	3.2	2.6	.1	8.1	5.4	5.1	5.3	5.2

- Represents zero. <sup>1</sup> Includes bottled gas. <sup>2</sup> 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 1987, Index 1982=100. <sup>3</sup> PCE=Personal consumption expenditures. See table 732. <sup>4</sup> Base year for percent change is 1959. <sup>5</sup> Average annual percent change. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: Except as noted, U.S. Bureau of Labor Statistics, *Monthly Labor Review*.

**NO. 731. INDEXES OF SPOT PRIMARY MARKET PRICES: 1970 TO 1987**

[1967=100. Index computed weekly through 1981; daily, beginning May 27, 1981. Represents unweighted geometric average of price quotations of 22 commodities. This index is much more sensitive to changes in market conditions than is a monthly producer price index]

ITEM AND NUMBER OF COMMODITIES	1970 (6-16)	1975 (6-24)	1976 (6-27)	1979 (6-26)	1980 (6-24)	1981 (5-26)	1982 (5-25)	1983 (5-23)	1984 (5-22)	1985 (5-21)	1986 (5-20)	1987 (5-29)
All commodities (22)	113.6	189.9	230.0	281.3	265.1	267.9	247.6	249.6	293.9	251.4	218.0	249.2
Foodstuffs (9)	112.2	215.3	238.1	265.1	260.9	244.2	252.8	246.1	299.9	248.1	205.5	214.9
Raw industrials (13)	114.4	174.1	224.4	293.0	268.0	285.4	243.9	252.3	289.7	253.6	226.9	275.9
Livestock and products (5)	123.6	240.8	278.0	336.3	250.5	265.2	312.1	278.1	364.5	284.5	231.2	301.3
Metals (5)	125.2	166.8	220.6	332.8	257.9	287.3	218.2	225.9	253.4	220.2	191.2	236.3
Textiles and fibers (4)	99.9	158.8	173.6	192.2	234.7	243.0	206.6	208.0	248.1	220.8	216.9	247.3
Fats and oils (4)	128.6	213.6	253.5	289.4	229.5	238.7	255.7	225.9	363.5	273.1	168.5	198.9

Source: 1970-1981, U.S. Bureau of Labor Statistics, *Tuesday Spot Market Price Indexes and Prices*, weekly and monthly, thereafter, Commodity Research Bureau, a Knight-Ridder Business Information Service, New York, NY, *CRB Commodity Index Report*, weekly (copyright).

## No. 732. GROSS NATIONAL PRODUCT IMPLICIT PRICE DEFLATORS: 1970 TO 1986

[1982=100, except as indicated. Minus sign (-) indicates decrease. For explanation of average annual percent change, see Guide to Tabular Presentation]

YEAR OR PERIOD	Gross national product	Personal consumption expenditures	FIXED INVESTMENT <sup>1</sup>			Exports	Imports	Govt. purchases of goods and services	Final sales
			Total	Residential	Nonresidential				
1970	42.0	42.9	39.0	37.0	39.9	36.7	29.0	38.1	42.0
1971	44.4	44.9	41.2	39.0	42.4	40.4	30.2	41.0	44.4
1972	46.5	46.7	43.2	41.2	44.4	41.7	32.0	43.8	46.5
1973	49.5	49.6	45.6	44.8	46.0	47.1	35.5	47.1	49.5
1974	54.0	54.8	50.3	49.8	50.5	56.3	50.4	52.2	54.1
1975	59.3	59.2	56.9	54.2	57.9	62.1	54.1	57.7	59.2
1976	63.1	62.6	60.7	58.0	61.9	64.8	55.7	61.5	63.0
1977	67.3	66.7	65.6	64.6	66.1	68.0	59.8	65.8	67.2
1978	72.2	71.6	71.9	72.6	71.5	72.8	65.8	70.4	72.1
1979	78.6	78.2	78.9	81.4	77.8	81.6	77.1	76.8	78.5
1980	85.7	86.6	86.3	89.4	85.1	90.2	96.0	85.5	85.8
1981	94.0	94.6	94.2	96.6	93.4	97.5	101.6	93.4	93.9
1982	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1983	103.9	104.1	99.8	102.2	98.8	101.3	97.4	104.0	103.9
1984	107.7	108.1	100.2	106.0	97.9	103.2	97.1	108.6	107.7
1985	111.2	111.8	100.5	108.2	97.5	101.3	94.8	112.6	111.1
1986	114.1	114.3	102.3	111.1	98.5	99.7	92.1	115.3	114.1
AVERAGE ANNUAL PERCENT CHANGE									
1970-1975	7.1	6.7	7.9	7.9	7.7	9.9	13.3	8.7	7.1
1975-1980	7.6	7.9	8.7	10.5	8.0	7.8	12.2	8.2	7.7
1980-1985	5.4	5.2	3.1	3.9	2.8	2.4	-3	5.7	5.3
1976	6.4	5.7	6.7	7.0	6.9	4.3	3.0	6.6	6.4
1977	6.7	6.5	8.1	11.4	6.8	4.9	7.4	7.0	6.7
1978	7.3	7.3	9.6	12.4	8.2	7.1	10.0	7.0	7.3
1979	8.9	9.2	9.7	12.1	8.8	12.1	17.2	9.1	8.9
1980	9.0	10.7	9.4	9.8	9.4	10.5	24.5	11.3	9.3
1981	8.7	9.2	9.2	8.1	9.8	8.1	5.8	9.2	8.4
1982	6.4	5.7	6.2	3.5	7.1	2.6	-1.6	7.1	6.5
1983	3.9	4.1	-2	2.2	-1.2	1.3	-2.6	4.0	3.9
1984	3.7	3.8	4	3.7	-9	1.9	-3	4.4	3.7
1985	3.2	3.4	3	2.1	-4	-1.8	-2.4	3.7	3.2
1986	2.6	2.2	1.6	2.7	1.0	-1.6	-2.9	2.4	2.7

<sup>1</sup> Gross private domestic fixed investment.

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 1987.

## No. 733. FIXED-WEIGHTED PRICE INDEXES: 1970 TO 1986

[1982=100]

ITEM	1970	1975	1979	1980	1981	1983	1984	1985	1986
Gross national product	47.2	61.8	78.8	86.1	94.1	104.1	108.3	112.1	115.1
Personal consumption expenditures	44.7	60.1	78.6	86.8	94.6	104.2	108.4	112.3	115.2
Durable goods	55.0	66.7	82.5	89.6	95.8	102.3	104.1	105.0	108.2
Non-durable goods	45.2	63.2	80.8	89.6	97.0	102.1	105.2	107.8	107.7
Services	41.9	56.2	76.0	84.0	92.6	106.3	111.8	117.5	123.1
Gross private domestic investment:									
Fixed investment	61.5	69.0	80.3	86.9	94.5	100.4	101.5	103.2	104.9
Nonresidential	68.4	73.1	80.1	86.1	93.9	99.9	100.2	101.8	103.2
Structures	32.6	52.5	75.0	83.1	93.2	97.3	98.1	100.3	100.7
Producers durable equipment	91.3	86.3	83.4	88.1	94.4	101.5	101.8	103.1	104.7
Residential	37.4	54.6	81.2	89.4	96.6	102.2	106.0	108.2	110.9
Exports	43.3	65.4	82.9	90.5	97.7	101.6	104.3	103.7	103.6
Imports	33.4	59.7	80.9	86.3	101.5	97.7	97.5	95.7	92.6
Government purchases of goods and services	39.6	58.6	77.3	86.3	94.1	104.5	109.2	113.7	116.5
Federal	39.5	59.4	76.8	86.4	94.9	104.1	108.0	110.8	111.9
National defense	(NA)	55.5	75.1	84.7	93.8	103.7	107.6	111.1	112.1
Nondefense	(NA)	66.6	81.0	90.6	97.4	105.1	108.9	110.0	109.3
State and local	39.6	57.9	77.7	86.2	93.5	104.8	110.1	115.8	120.3
Addenda:									
Final sales	47.2	61.8	78.8	86.1	94.1	104.1	108.2	112.0	115.0
Personal consumption expenditures, food	43.0	63.6	82.1	88.7	96.0	102.0	106.3	108.6	112.2
Personal consumption expenditures, energy	27.0	44.0	66.6	86.4	98.1	101.0	102.3	103.3	90.8
Other personal consumption expenditures	47.4	61.2	79.1	86.4	93.9	105.3	109.7	114.5	119.1

NA Not available.

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 1987.

NO. 734. PRODUCER PRICE INDEXES, BY STAGE OF PROCESSING: 1970 TO 1986

[1967 = 100. Minus sign (-) indicates decrease. See also *Historical Statistics, Colonial Times to 1970*, series E 73-86]

STAGE OF PROCESSING AND COMMODITY	1970	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
<b>Crude materials for further processing.....</b>	<b>112.3</b>	<b>196.9</b>	<b>209.2</b>	<b>234.4</b>	<b>274.3</b>	<b>304.6</b>	<b>329.0</b>	<b>319.5</b>	<b>323.6</b>	<b>330.8</b>	<b>306.1</b>	<b>260.0</b>
Foodstuffs and feedstuffs.....	112.0	191.8	192.1	216.2	247.9	259.2	257.4	247.8	252.2	259.5	235.0	230.6
Nonfoods, exc. fuel.....	109.8	188.3	212.2	233.1	284.5	346.1	413.7	376.6	372.2	380.5	355.9	286.4
For manufacturing.....	109.6	192.4	216.8	238.2	292.7	357.4	429.4	387.2	381.9	390.1	360.5	281.0
For construction.....	113.9	151.1	170.6	195.7	207.0	261.8	270.3	270.3	270.6	278.7	285.8	287.8
Fuel.....	122.6	271.5	372.1	426.8	507.0	615.0	751.2	868.1	931.5	931.3	909.8	817.3
Manufacturing industries.....	116.9	252.1	364.6	446.2	549.6	680.5	864.3	1,034.8	1,094.5	1,082.2	1,063.2	942.6
Nonmanufacturing industries.....	130.2	297.2	370.9	421.1	485.0	567.0	674.0	782.2	816.3	818.1	802.1	731.8
<b>Intermediate materials, supplies, components.....</b>	<b>109.9</b>	<b>180.0</b>	<b>201.5</b>	<b>215.6</b>	<b>243.2</b>	<b>280.3</b>	<b>306.0</b>	<b>310.4</b>	<b>312.3</b>	<b>320.0</b>	<b>318.7</b>	<b>307.6</b>
Materials and components for manufacturing.....	110.0	178.7	195.4	208.7	234.4	265.7	286.1	289.8	293.4	301.8	299.5	296.1
Materials for—												
Food manufacturing.....	112.9	209.4	183.4	206.5	229.4	264.4	260.4	255.1	258.4	270.1	258.8	250.9
Nonurable manufacturing.....	103.8	174.7	190.0	196.7	222.8	259.5	285.8	284.4	280.0	291.5	285.9	278.2
Durable manufacturing.....	114.7	188.4	217.6	236.2	270.6	301.0	312.1	310.1	319.4	325.1	320.2	313.8
Components for manufacturing.....	111.1	158.3	176.8	189.6	207.5	231.8	259.3	273.9	280.4	287.5	291.5	294.4
Materials and components for construction.....	112.6	176.4	203.4	224.7	247.4	268.3	287.6	293.7	301.8	310.3	315.2	317.5
Processed fuels, lubricants.....	105.0	233.0	282.5	295.3	364.8	503.0	595.4	591.7	564.8	566.2	548.9	430.3
Containers.....	111.4	171.4	188.3	202.8	226.8	254.5	276.1	285.6	286.6	302.3	311.2	315.1
Supplies.....	108.0	168.1	188.7	198.5	218.2	244.6	263.8	272.1	277.1	283.4	284.2	287.3
For manufacturing industries.....	110.0	157.9	177.0	189.3	207.5	231.9	253.1	265.8	269.9	278.0	285.2	287.8
For nonmanuf. industries.....	107.2	173.4	194.8	203.3	223.8	251.0	269.6	275.7	281.1	285.9	284.0	287.3
<b>Finished goods.....</b>	<b>110.3</b>	<b>163.4</b>	<b>181.7</b>	<b>195.9</b>	<b>217.7</b>	<b>247.0</b>	<b>269.8</b>	<b>280.7</b>	<b>285.2</b>	<b>291.1</b>	<b>293.7</b>	<b>289.6</b>
Consumer goods.....	109.9	183.6	180.7	194.9	217.9	248.9	271.3	281.0	284.6	290.3	291.8	284.9
Foods.....	113.5	181.0	189.9	207.2	226.2	259.5	263.6	259.3	261.8	273.3	271.2	278.0
Crude foods.....	116.3	181.2	201.0	216.8	233.1	237.2	263.8	252.7	258.7	281.6	260.0	265.6
Processed foods.....	113.1	181.3	187.3	204.6	223.8	237.8	250.6	257.7	260.0	270.3	270.0	276.7
Other nondurable goods.....	108.3	183.0	189.3	200.0	231.3	283.9	319.6	333.6	335.3	337.3	339.3	311.1
Durable goods.....	106.9	138.2	152.8	166.9	183.2	206.2	218.6	226.7	233.1	236.8	241.5	246.9
Capital equipment.....	112.0	162.5	184.6	199.2	216.5	239.8	264.3	279.4	287.2	294.0	300.5	306.5
<b>ANNUAL PERCENT CHANGE <sup>1</sup></b>												
<b>Crude materials for further processing.....</b>	<b>3.6</b>	<b>.4</b>	<b>3.2</b>	<b>12.0</b>	<b>17.0</b>	<b>11.0</b>	<b>8.0</b>	<b>-2.9</b>	<b>1.3</b>	<b>2.2</b>	<b>-7.5</b>	<b>-6.5</b>
Foodstuffs and feedstuffs.....	2.5	1.3	1.0	12.5	14.7	4.6	-7	-3.7	1.8	2.9	-8.4	-1.9
Fuel.....	15.0	23.7	21.9	14.7	18.9	21.2	22.1	18.0	5.1	-	-2.3	-10.1
<b>Intermediate materials, supplies, components.....</b>	<b>3.9</b>	<b>10.5</b>	<b>6.6</b>	<b>7.0</b>	<b>12.8</b>	<b>15.3</b>	<b>9.2</b>	<b>1.4</b>	<b>.6</b>	<b>2.5</b>	<b>-4</b>	<b>-3.5</b>
Materials and components for—												
Manufacturing.....	4.0	10.2	5.4	6.8	12.3	13.4	7.7	1.3	1.2	2.9	-8	-1.1
Construction.....	1.6	9.2	8.0	10.5	10.1	8.4	7.2	2.1	2.8	2.8	1.6	.7
Processed fuels, lubricants.....	6.6	17.0	13.0	4.5	23.5	37.9	18.4	-6	-4.5	.2	-3.1	-21.6
Supplies.....	3.5	10.8	6.5	7.8	11.1	13.5	9.2	4.0	1.6	2.1	.9	-1.4
<b>Finished goods.....</b>	<b>3.1</b>	<b>9.6</b>	<b>6.5</b>	<b>7.9</b>	<b>11.8</b>	<b>14.2</b>	<b>9.0</b>	<b>3.6</b>	<b>1.3</b>	<b>2.0</b>	<b>.5</b>	<b>-2.0</b>
Consumer goods.....	4.8	15.2	6.5	7.9	8.7	10.8	10.2	5.7	2.8	2.4	2.2	2.4

- Represents or rounds to zero. <sup>1</sup> For 1970, base year is 1969; thereafter change from immediate prior year.  
Source: U.S. Bureau of Labor Statistics, *Producer Price Indexes*, monthly and annual.

NO. 735. PRODUCER PRICE INDEXES—MAJOR COMMODITY GROUPS: 1950 TO 1986

[1967 = 100. Prior to 1961, excludes Alaska and Hawaii. See text, section 15. See also *Historical Statistics, Colonial Times to 1970*, series E 23 and 24]

YEAR	All commodities	Farm products	Processed foods and feeds	INDUSTRIAL COMMODITIES		YEAR	All commodities	Farm products	Processed foods and feeds	INDUSTRIAL COMMODITIES	
				Total	Energy <sup>1</sup>					Total	Energy <sup>1</sup>
1950.....	81.8	106.7	83.4	78.0	87.1	1969.....	106.5	109.1	107.3	106.0	100.9
1951.....	91.1	124.2	82.7	86.1	90.3	1970.....	110.4	111.0	112.1	111.0	106.2
1952.....	88.6	117.2	91.6	84.1	90.1	1971.....	114.0	112.9	114.5	114.1	115.2
1953.....	87.4	106.2	87.4	84.8	92.6	1972.....	119.1	125.0	120.8	117.9	118.6
1954.....	87.6	104.7	88.9	85.0	91.3	1973.....	134.7	176.3	148.1	125.9	134.3
1955.....	87.8	98.2	85.0	86.9	91.2	1974.....	160.1	187.7	167.8	125.8	145.1
1956.....	90.7	96.9	84.9	90.8	84.0	1975.....	174.9	186.7	186.7	170.9	153.8
1957.....	93.3	99.5	87.4	93.3	99.1	1976.....	183.0	181.0	178.0	182.4	171.5
1958.....	94.6	103.9	91.8	93.6	95.3	1977.....	194.2	192.5	188.1	195.1	302.2
1959.....	94.8	97.5	89.4	95.3	95.3	1978.....	205.3	212.5	202.6	209.4	322.5
1960.....	94.9	97.2	89.5	95.3	96.1	1979.....	235.6	241.4	222.5	236.5	408.1
1961.....	94.5	96.3	91.0	94.8	96.1	1980.....	268.8	249.4	241.2	274.8	574.0
1962.....	94.8	96.0	91.9	94.8	96.7	1981.....	293.4	254.9	248.7	304.1	694.5
1963.....	94.5	96.0	92.5	94.7	96.7	1982.....	299.3	242.4	251.5	312.3	693.2
1964.....	94.7	94.6	92.3	95.2	93.7	1983.....	303.1	248.2	255.9	315.7	664.7
1965.....	96.6	96.7	95.5	96.4	95.5	1984.....	310.3	255.6	265.0	322.6	856.8
1966.....	99.8	105.9	101.2	98.5	97.8	1985.....	308.7	230.5	260.4	323.8	633.6
1967.....	100.0	100.0	100.0	100.0	100.0	1986.....	298.8	224.7	265.1	312.1	483.5
1968.....	102.5	102.5	102.2	102.5	98.9						

<sup>1</sup> Fuels, related products, and power.  
Source: U.S. Bureau of Labor Statistics, *Producer Price Indexes*, monthly and annual.

## No. 736. PRODUCER PRICE INDEXES, FOR SELECTED COMMODITIES: 1970 TO 1986

[1967 = 100, except as noted. See text, section 15, and *Historical Statistics, Colonial Times to 1970*, series E 23-29]

COMMODITY GROUP	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
<b>All commodities<sup>1</sup></b> .....	<b>110.4</b>	<b>174.9</b>	<b>209.3</b>	<b>235.6</b>	<b>268.8</b>	<b>293.4</b>	<b>299.3</b>	<b>303.1</b>	<b>310.3</b>	<b>308.7</b>	<b>299.8</b>
<b>Farm products and processed foods and feeds</b> .....	<b>111.7</b>	<b>184.2</b>	<b>206.6</b>	<b>229.8</b>	<b>244.7</b>	<b>251.5</b>	<b>248.9</b>	<b>253.9</b>	<b>262.4</b>	<b>250.5</b>	<b>252.0</b>
<b>Farm products<sup>1</sup></b> .....	<b>111.0</b>	<b>186.7</b>	<b>212.5</b>	<b>241.4</b>	<b>249.4</b>	<b>254.9</b>	<b>242.4</b>	<b>248.2</b>	<b>255.8</b>	<b>230.5</b>	<b>224.7</b>
Fresh and dried fruits, vegetables.....	111.6	183.7	216.5	229.0	238.6	267.3	253.7	262.1	278.1	260.5	261.2
Cereals.....	98.8	223.9	182.5	214.8	239.0	248.4	210.9	240.4	239.7	202.8	167.2
Livestock.....	116.7	187.9	220.1	260.3	252.7	248.0	257.8	243.1	251.8	229.9	236.1
Plant and animal fibers.....	99.5	189.8	199.8	194.3	202.1	201.2	191.9	206.5	240.6	226.2	224.8
Fluid milk.....	90.2	153.1	193.4	209.9	271.1	242.0	202.9	227.0	282.4	197.8	179.3
Eggs.....	115.3	180.2	219.7	250.1	271.2	287.4	282.5	282.0	278.3	284.8	256.9
Hay, haysceds, and oilseeds.....	99.4	200.2	215.8	244.3	247.1	187.1	178.7	(NA)	210.8	171.0	177.9
							212.8	246.8	256.3	206.0	197.9
<b>Processed foods and feeds<sup>1</sup></b> .....	<b>112.1</b>	<b>182.6</b>	<b>202.6</b>	<b>222.5</b>	<b>241.2</b>	<b>248.7</b>	<b>251.5</b>	<b>255.9</b>	<b>265.0</b>	<b>260.4</b>	<b>265.1</b>
Cereal and bakery products.....	107.7	178.0	190.3	210.3	236.0	255.5	253.8	261.0	270.5	279.9	281.8
Meats, poultry, and fish.....	115.8	191.0	217.1	242.0	243.1	246.2	257.6	249.0	254.7	240.7	257.9
Dairy products.....	111.2	155.8	188.4	211.2	230.6	245.6	248.9	250.6	251.7	249.4	248.8
Processed fruits and vegetables.....	110.6	169.8	202.6	221.9	228.7	261.2	274.5	277.4	294.3	296.3	287.9
Sugar and confectionery.....	115.8	254.3	197.8	214.7	322.5	275.9	269.7	292.8	301.2	291.0	295.3
Beverages and beverage materials.....	113.0	162.4	200.0	210.7	233.0	248.0	256.9	266.6	278.1	276.6	294.3
Animal fats and oils.....	140.4	341.8	291.2	320.5	279.2	299.1	303.0	306.1	389.2	329.8	253.6
Crude vegetable oils.....	121.0	208.1	219.2	243.7	202.9	185.4	159.8	194.2	282.2	219.1	195.8
Shortening and cooking oils.....	111.9	211.5	208.4	223.5	233.2	238.0	234.4	254.7	311.6	290.6	242.4
Miscellaneous processed foods.....	113.1	178.4	199.0	216.5	227.2	250.1	248.6	254.8	278.0	283.6	288.6
Prepared animal feeds.....	103.7	172.1	197.4	219.4	226.8	230.2	211.3	228.8	220.5	190.3	200.0
<b>Industrial commodities</b> .....	<b>110.0</b>	<b>171.5</b>	<b>209.4</b>	<b>236.5</b>	<b>274.8</b>	<b>304.1</b>	<b>312.3</b>	<b>315.7</b>	<b>322.6</b>	<b>323.8</b>	<b>312.1</b>
<b>Textile products and apparel<sup>1</sup></b> .....	<b>107.1</b>	<b>137.9</b>	<b>159.8</b>	<b>168.7</b>	<b>183.5</b>	<b>199.7</b>	<b>204.6</b>	<b>205.1</b>	<b>210.0</b>	<b>210.4</b>	<b>211.1</b>
Synthetic fibers <sup>3</sup> .....			109.5	118.0	134.7	156.3	162.1	156.7	159.6	154.8	149.9
Processed yarns, threads <sup>3</sup> .....			102.4	108.2	122.5	138.0	138.5	138.5	142.8	141.1	140.7
Gray fabrics <sup>2</sup> .....	(NA)	(NA)	118.6	127.1	136.1	146.8	145.3	147.0	150.7	151.7	150.7
Finished fabrics <sup>2</sup> .....			103.8	107.4	115.7	125.2	124.6	123.1	126.7	126.3	128.4
Apparel.....	110.8	133.4	152.4	160.4	172.4	186.0	194.4	197.4	201.3	204.1	208.5
Textile housefurnishings.....	103.5	151.9	178.6	190.4	206.9	226.7	238.5	235.1	238.9	240.0	240.4
<b>Hides, skins, leather, related products<sup>1</sup></b> .....	<b>110.3</b>	<b>146.5</b>	<b>200.0</b>	<b>252.4</b>	<b>248.9</b>	<b>280.9</b>	<b>282.6</b>	<b>271.1</b>	<b>286.3</b>	<b>286.1</b>	<b>296.7</b>
Cattle hides.....	106.6	181.5	230.1	533.9	366.8	366.3	350.7	385.1	504.4	442.1	518.7
Leather.....	107.7	151.5	238.6	356.7	310.6	319.8	311.4	300.7	372.3	353.1	383.9
Footwear.....	113.3	147.8	183.0	218.0	233.1	240.9	245.0	250.1	251.7	256.7	261.8
<b>Fuels, related products, power</b> .....	<b>106.2</b>	<b>245.1</b>	<b>322.5</b>	<b>408.1</b>	<b>574.0</b>	<b>694.5</b>	<b>693.2</b>	<b>664.7</b>	<b>656.8</b>	<b>633.6</b>	<b>463.5</b>
Coal.....	150.3	385.8	430.0	450.9	467.3	497.2	534.7	537.4	546.5	548.7	538.8
Coke oven products.....	127.4	330.8	411.8	428.2	430.6	456.4	461.7	444.6	436.4	430.4	407.3
Gas fuels.....	103.6	216.7	428.7	544.1	760.7	939.4	1,080.8	1,146.9	1,109.0	1,047.0	982.1
Electric power.....	105.9	193.4	250.6	270.2	321.6	367.2	406.5	417.9	439.9	453.6	457.9
Crude petroleum, domestic.....	106.1	245.7	300.1	376.5	558.4	803.5	793.4	681.4	689.8	619.4	343.8
Petroleum products, refined.....	101.0	257.5	321.0	444.8	674.7	805.9	761.2	684.3	665.1	693.1	405.3
<b>Chemicals and allied products<sup>1</sup></b> .....	<b>102.2</b>	<b>181.3</b>	<b>198.8</b>	<b>222.3</b>	<b>260.3</b>	<b>287.6</b>	<b>292.3</b>	<b>293.0</b>	<b>300.8</b>	<b>303.2</b>	<b>299.7</b>
Industrial chemicals.....	100.9	206.9	225.6	264.0	324.0	363.3	352.6	342.9	341.3	336.3	322.4
Paint materials.....	112.4	168.9	192.3	204.4	235.3	249.8	262.8	264.7	272.5	276.8	281.2
Drugs and pharmaceuticals.....	101.4	177.2	212.7	241.2	273.9	300.1	304.6	305.8	329.7	333.7	318.0
Fats and oils, inedible.....	101.2	126.6	148.1	159.4	174.5	193.5	210.1	226.1	240.0	256.3	272.9
Agricultural chemicals and products.....	88.5	203.6	315.8	376.6	298.0	295.6	267.1	285.6	371.4	293.3	215.2
Plastic resins and materials.....	90.8	180.9	199.8	235.9	279.2	289.2	293.4	291.5	306.6	304.7	296.0
<b>Rubber and plastic products<sup>1</sup></b> .....	<b>108.3</b>	<b>150.2</b>	<b>174.8</b>	<b>194.3</b>	<b>217.4</b>	<b>232.6</b>	<b>241.4</b>	<b>243.2</b>	<b>246.8</b>	<b>246.9</b>	<b>246.1</b>
Crude rubber.....	101.6	145.6	187.2	221.4	264.3	281.8	278.9	280.8	276.8	270.5	254.8
Tires and tubes.....	109.0	148.5	179.2	205.9	236.9	250.6	255.2	245.3	242.1	237.4	234.1
Miscellaneous rubber products.....	113.3	155.9	189.6	206.4	226.6	251.4	276.9	284.8	280.6	294.4	300.9
Plastic construction products <sup>2</sup> .....	97.2	123.9	136.4	147.5	154.2	154.8	148.5	163.6	171.5	161.2	158.2
Laminated plastic sheets <sup>4</sup> .....	(NA)	124.6	146.4	158.8	173.7	188.8	188.2	179.3	187.0	198.3	188.2
<b>Lumber and wood products<sup>1</sup></b> .....	<b>113.6</b>	<b>176.9</b>	<b>276.0</b>	<b>300.4</b>	<b>288.9</b>	<b>292.8</b>	<b>284.7</b>	<b>307.1</b>	<b>307.4</b>	<b>303.6</b>	<b>305.3</b>
Lumber.....	113.7	192.5	322.4	354.3	325.8	325.1	310.8	352.6	349.8	340.5	343.4
Woodpulp.....	116.0	160.4	235.4	254.3	260.4	273.4	279.4	302.3	307.8	312.1	317.4
Plywood.....	108.4	161.2	235.6	250.5	246.5	245.7	232.1	244.1	241.8	231.3	235.3
Other wood products.....	117.3	161.9	211.8	235.4	249.2	239.1	236.2	230.6	234.5	236.5	238.2
<b>Pulp, paper, and allied products<sup>1</sup></b> .....	<b>108.2</b>	<b>170.4</b>	<b>195.6</b>	<b>219.0</b>	<b>249.2</b>	<b>273.8</b>	<b>268.7</b>	<b>298.1</b>	<b>318.5</b>	<b>327.2</b>	<b>335.3</b>
Pulp, paper, and products, except building paper and board.....	108.5	171.9	195.6	220.2	250.6	270.8	273.2	271.4	293.3	292.0	294.0
Woodpulp.....	109.6	283.4	266.5	314.3	380.3	397.1	379.0	346.9	397.2	346.6	358.4
Waste paper.....	125.0	110.2	191.2	206.6	208.7	175.7	121.1	(NA)	240.1	148.8	172.8
Paper.....	111.0	172.9	206.1	229.6	256.8	279.8	286.3	282.0	302.9	303.4	306.3
Paperboard.....	101.1	170.3	179.6	202.1	234.6	258.1	254.9	250.9	281.5	274.6	272.3
Converted paper and paperboard products.....	107.9	161.8	186.5	209.9	238.5	258.8	264.4	265.3	281.2	286.0	289.3
Building paper and board.....	101.0	127.1	187.4	182.4	206.2	231.7	239.5	250.0	259.0	257.2	260.7

See footnotes at end of table.



NO. 736. PRODUCER PRICE INDEXES, FOR SELECTED COMMODITIES: 1970 TO 1986—Continued

[1967=100, except as noted. See headnote, p. 448]

COMMODITY GROUP	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
<b>Metals and metal products</b> .....	116.6	185.6	227.1	259.3	286.4	300.4	301.6	307.2	316.1	314.9	311.3
Iron and steel.....	115.1	200.9	253.6	283.5	305.2	333.8	339.0	343.4	356.9	355.3	343.0
Steel mill products.....	114.2	197.2	254.5	280.4	302.7	337.6	349.5	352.8	366.0	366.1	348.8
Nonferrous metals.....	124.7	171.6	207.8	216.7	305.0	285.8	283.6	276.1	277.1	282.5	259.7
Metal containers.....	112.6	192.1	243.4	269.2	298.6	315.6	328.5	335.4	350.0	358.1	362.1
Hardware.....	111.5	163.0	200.4	218.7	240.5	262.2	280.3	290.7	296.9	305.0	306.8
Plumbing fixtures, brass fittings.....	111.2	182.3	199.1	217.1	246.7	267.5	278.7	289.3	302.7	311.8	322.1
Heating equipment.....	110.6	150.7	174.4	187.1	206.7	224.2	237.2	243.6	252.9	259.6	268.3
Fabricated structural metal products.....	112.0	189.0	226.4	248.9	270.5	295.5	304.8	303.5	310.7	314.6	315.9
Miscellaneous metal products.....	114.3	181.1	212.0	231.4	250.5	270.2	283.6	295.3	302.3	302.3	302.1
<b>Machinery and equipment</b> <sup>1</sup> .....	111.4	181.4	196.1	213.9	239.8	263.3	278.8	286.4	293.1	299.9	303.3
Agricultural.....	113.2	168.6	213.1	232.1	259.2	289.3	311.1	326.3	336.1	338.2	339.6
Construction.....	115.9	185.2	232.9	256.2	289.4	320.8	343.9	351.9	357.0	362.6	367.0
Metalworking.....	114.1	171.6	217.8	241.3	274.4	301.3	320.9	326.5	334.0	341.9	348.0
General purpose.....	113.7	178.5	216.6	236.4	264.6	288.7	304.0	308.2	314.1	321.3	325.8
Special industry.....	115.7	175.0	223.0	247.0	275.8	307.9	325.1	337.1	348.7	360.3	371.3
Electrical.....	106.4	140.7	164.9	178.9	201.7	220.2	231.6	240.1	248.7	253.8	257.6
Miscellaneous.....	112.8	162.3	194.7	208.9	229.9	252.6	268.4	274.1	274.4	277.2	279.5
<b>Furniture and household durables</b> <sup>1</sup> .....	107.5	139.7	160.4	171.3	187.7	198.5	206.9	214.0	218.7	221.6	223.9
Household furniture.....	111.7	146.3	173.5	166.3	204.8	219.2	229.8	234.7	242.1	249.3	253.4
Commercial furniture.....	114.5	166.7	201.5	221.8	236.0	257.5	275.5	286.3	297.1	308.3	317.6
Floor coverings.....	99.4	124.9	141.6	147.9	163.0	178.7	181.2	185.4	191.2	191.3	195.6
Household appliances.....	105.3	132.3	153.0	160.9	174.2	187.3	199.1	206.9	211.0	212.4	210.5
Home electronic equipment.....	93.3	93.5	90.2	91.1	91.4	89.2	88.1	86.1	83.8	80.0	79.2
<b>Nonmetallic mineral products</b> <sup>1</sup> .....	112.9	174.0	222.8	248.6	283.0	309.5	320.2	325.2	337.3	347.8	352.0
Flat glass.....	115.6	139.2	172.8	183.9	195.5	212.2	221.5	229.7	224.5	225.2	231.3
Concrete ingredients.....	112.6	172.3	217.7	244.0	274.0	296.3	310.0	313.3	325.7	336.2	338.9
Concrete products.....	112.2	170.5	214.0	244.1	273.9	291.2	297.8	302.0	308.6	320.1	325.1
Clay construction products, exc. refractories.....	109.9	151.2	197.2	217.9	231.5	249.8	260.8	277.8	286.8	295.9	308.1
Refractories.....	120.9	166.0	216.5	236.5	264.6	302.4	337.1	341.3	361.2	369.8	371.8
Asphalt felts and coatings.....	102.7	225.9	292.0	325.3	396.8	407.5	398.4	384.0	399.5	408.7	399.6
Gypsum products.....	99.7	144.0	229.1	252.3	256.3	256.2	256.1	286.0	345.7	338.9	350.7
Glass containers.....	120.4	179.7	244.4	261.1	292.7	328.7	355.5	352.4	360.7	379.8	398.0
<b>Transportation equipment</b> <sup>1 2</sup> .....	104.6	141.5	173.5	188.1	207.0	235.4	249.7	256.7	262.7	268.5	278.2
Motor vehicles and equipment.....	108.7	144.6	176.0	190.5	208.8	237.6	251.3	256.8	261.5	287.3	274.4
Motor vehicles.....	107.3	137.5	167.7	181.6	197.7	216.6	227.1	232.5	237.8	244.8	253.2
Railroad equipment.....	115.1	201.2	252.8	277.3	313.1	336.1	346.5	350.2	355.5	363.3	365.0
<b>Miscellaneous products</b> <sup>1</sup> .....	109.9	147.7	184.3	208.7	258.8	265.7	276.4	289.6	295.9	302.3	308.5
Toys, sporting goods, small arms, etc.....	109.3	146.0	163.2	176.2	198.6	211.9	221.5	225.2	227.1	231.5	235.9
Tobacco products.....	113.6	149.6	198.5	217.8	245.7	268.3	323.1	365.4	398.4	428.1	460.4
Notions.....	108.4	151.0	182.0	191.8	217.2	259.8	277.0	280.1	283.2	285.1	287.2
Photographic equipment and supplies.....	104.9	130.6	145.7	153.7	202.9	210.0	210.4	215.7	214.6	215.8	219.1

NA Not available. <sup>1</sup> Includes other product groups, not shown separately. <sup>2</sup> Dec. 1975=100. <sup>3</sup> Dec. 1969=100.  
<sup>4</sup> Dec. 1970=100. <sup>5</sup> Dec. 1968=100.  
 Source: U.S. Bureau of Labor Statistics, *Producer Price Indexes*, monthly and annual.

NO. 737. PRODUCER PRICE INDEXES—ANNUAL PERCENT CHANGE IN SELECTED MAJOR COMMODITY GROUPS: 1974 TO 1986

[Minus sign (-) indicates decrease]

COMMODITY GROUP	1974 <sup>1</sup>	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
<b>All commodities</b> .....	18.9	9.2	4.6	6.1	7.8	12.6	14.1	9.2	2.0	1.3	2.4	-5	-2.9
Farm products.....	6.5	-5	2.3	.8	10.4	13.6	3.3	2.2	-4.9	2.4	3.1	-9.9	-2.5
Processed foods, feeds.....	15.4	6.8	-2.5	4.6	8.9	9.8	8.4	3.1	1.7	1.7	3.6	-1.7	1.8
Textile products, apparel.....	12.4	-9	7.5	3.9	3.8	5.6	8.8	8.8	2.5	2	2.4	2	.3
Hides, skins, leather, related products.....	1.4	2.3	13.0	6.9	11.5	26.2	-1.4	4.8	.7	3.2	5.6	-1	3.7
Fuels, related products, power.....	55.1	17.7	8.4	13.8	6.7	26.5	40.7	21.0	-2	-4.1	-1.2	-3.5	-23.7
Chemicals and allied products.....	33.5	23.5	3.3	3.0	3.1	11.8	17.1	10.5	1.6	.2	2.7	.8	-1.2
Rubber and plastic products.....	21.2	10.3	6.0	5.3	4.3	11.2	11.9	7.0	3.8	.7	1.5	-4	.1
Lumber and wood products.....	3.6	-3.6	16.2	14.9	16.8	8.8	-3.8	1.3	-2.9	7.9	.1	-1.2	.6
Pulp, paper, and allied products.....	24.2	-12.3	6.3	3.9	4.9	12.0	13.8	9.9	5.4	3.3	6.8	2.7	2.5
Metals and metal products.....	29.4	8.0	5.5	6.7	8.7	14.2	10.5	4.9	4	1.9	2.9	-4	-1.1
Machinery and equipment.....	14.5	15.8	5.9	6.3	7.9	9.1	12.1	9.8	5.9	2.7	2.3	2.0	1.5
Furniture and household durables.....	11.0	9.2	4.2	4.1	5.9	6.8	9.6	5.8	4.2	3.4	2.2	1.9	1.0
Nonmetallic mineral products.....	17.7	13.6	7.1	7.6	11.1	11.6	13.8	9.4	3.5	1.6	3.7	3.1	1.2
Transportation equipment.....	9.0	12.7	6.8	6.8	7.6	8.4	10.0	13.7	9.8	2.8	2.3	2.6	2.5

<sup>1</sup> Change from 1973.  
 Source: U.S. Bureau of Labor Statistics, *Producer Price Indexes*, monthly and annual.

## No. 738. CONSUMER PRICE INDEXES, BY MAJOR GROUPS: 1950 TO 1986

[1967=100. Annual averages of monthly figures, except as indicated. Prior to 1965, excludes Alaska and Hawaii. Through 1977 represents buying patterns of wage earners and clerical workers, beginning 1978, reflects buying patterns of all urban consumers in the 1970's. See text, section 15 for details regarding other periods. See also *Historical Statistics, Colonial Times to 1970*, series E 135-173]

YEAR	All items	FOOD		SHELTER		Fuel oil and coal <sup>1</sup>	Gas and electricity	Apparel and upkeep	TRANSPORTATION		Medical care	All commodities	All services
		Total	Away from home	Total	Rent, residential				Pri- vate	Pub- lic			
1950	72.1	74.5	(NA)	(NA)	70.4	72.7	81.2	79.0	72.5	49.9	53.7	78.8	58.7
1951	77.8	82.8	(NA)	(NA)	73.2	76.5	81.5	86.1	75.8	54.0	56.3	85.9	61.8
1952	79.5	84.3	(NA)	(NA)	76.2	78.0	82.6	85.9	80.8	57.5	59.3	87.0	64.5
1953	80.1	83.0	68.9	76.5	80.3	81.5	94.2	84.6	82.4	61.3	61.4	86.7	67.3
1954	80.5	82.8	70.1	78.2	83.2	81.2	85.3	84.5	80.3	65.5	63.4	85.9	69.5
1955	80.2	81.6	70.2	79.1	84.3	82.3	87.5	84.1	78.9	67.4	64.8	85.1	70.9
1956	81.4	82.2	72.8	80.4	85.9	85.9	86.4	85.8	80.1	70.0	67.2	85.9	72.7
1957	84.3	84.9	74.9	83.4	87.5	89.3	87.3	84.7	72.7	69.9	69.6	88.6	75.6
1958	86.6	86.5	77.2	85.1	89.1	88.7	92.4	87.5	87.4	76.1	73.2	90.6	78.5
1959	87.3	87.1	79.3	86.0	90.4	89.6	94.7	88.2	91.1	78.3	76.4	90.7	80.8
1960	88.7	88.0	81.4	87.8	91.7	89.2	98.6	89.6	90.6	81.0	79.1	91.5	83.5
1961	89.6	89.1	83.2	88.5	92.9	91.0	99.4	90.4	91.3	84.6	81.4	92.0	85.2
1962	90.6	89.9	85.4	89.6	94.0	91.5	99.4	90.9	93.0	87.4	83.5	92.8	86.8
1963	91.7	91.2	87.3	90.7	95.0	93.2	99.4	91.9	93.4	88.5	85.6	93.6	88.5
1964	92.9	92.4	88.9	92.2	95.9	92.7	99.4	92.7	94.7	90.1	87.3	94.6	90.2
1965	94.5	94.4	90.9	93.8	96.9	94.6	99.4	93.7	96.3	91.9	89.5	95.7	92.2
1966	97.2	99.1	95.1	96.8	98.2	97.0	99.6	96.1	97.5	95.2	93.4	98.2	95.8
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	104.2	103.6	105.2	104.8	102.4	103.1	100.9	105.4	103.0	104.6	106.1	103.7	105.2
1969	109.8	108.9	111.6	113.3	105.7	105.6	102.8	111.5	106.5	112.7	113.4	108.4	112.5
1970	116.3	114.9	119.9	123.8	110.1	110.1	107.3	116.1	111.1	128.5	120.6	113.5	121.6
1971	121.3	118.4	125.1	128.8	115.2	117.5	114.7	119.8	116.6	137.7	128.4	117.4	128.4
1972	125.3	123.5	131.1	134.5	119.2	116.5	120.5	122.3	117.5	143.4	132.5	120.9	133.3
1973	133.1	141.4	141.4	140.7	124.3	136.0	126.4	126.8	121.5	144.8	137.7	129.9	139.1
1974	147.7	161.7	159.4	154.4	130.6	214.6	145.8	136.2	136.6	158.0	150.5	145.5	152.1
1975	161.2	175.4	174.3	169.7	137.3	235.3	169.6	142.3	149.8	158.6	168.6	158.4	166.6
1976	170.5	180.8	186.1	179.0	144.7	250.8	189.0	147.6	164.6	174.2	184.7	165.2	180.4
1977	181.5	192.2	200.3	191.1	153.5	283.4	213.4	154.2	176.6	182.4	202.4	174.3	194.3
1978	195.4	211.4	218.4	210.4	164.0	298.3	232.6	159.6	185.0	187.8	219.4	187.1	210.9
1979	217.4	234.5	242.9	239.7	176.0	403.1	257.8	166.6	212.3	200.3	239.7	208.4	234.2
1980	246.8	254.6	267.0	281.7	191.6	556.0	301.8	178.4	249.2	251.6	265.9	233.9	270.7
1981	272.4	274.6	291.0	314.7	208.2	675.9	345.9	186.9	277.5	312.0	294.5	253.6	305.3
1982	289.1	285.7	306.5	337.0	224.0	667.9	393.8	191.8	287.5	346.0	328.7	263.8	333.9
1983	298.4	291.7	319.9	344.8	236.9	628.0	428.7	196.5	293.9	362.6	357.3	271.5	344.3
1984	311.1	302.9	333.4	361.7	249.3	641.8	445.2	200.2	306.6	385.2	379.5	280.7	363.0
1985	322.2	309.8	346.6	382.0	264.6	619.5	452.7	202.0	314.2	402.8	401.1	286.7	381.5
1986	328.4	319.7	360.1	402.9	280.0	601.5	446.7	207.8	299.5	426.4	433.5	283.9	400.5

NA Not available. <sup>1</sup> Includes bottled gas.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review* and *Handbook of Labor Statistics*, periodic.

## No. 739. CONSUMER PRICE INDEXES—ANNUAL PERCENT CHANGE IN MAJOR GROUPS: 1973 TO 1986

[See headnote, table 738. See also table 740 for base figures. Minus sign (—) Indicates decrease]

ITEM	1973 <sup>1</sup>	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
All items.....	6.2	11.0	9.1	5.8	6.5	7.7	11.3	13.5	10.4	6.1	3.2	4.3	3.6	1.9
Food.....	14.5	14.4	8.5	3.1	6.3	10.0	10.9	8.6	7.9	4.0	2.1	3.8	2.3	3.2
Shelter, total.....	4.6	9.7	9.9	5.5	6.8	10.1	13.9	17.5	11.7	7.1	2.3	4.9	5.6	5.5
Rent, residential.....	4.3	5.1	5.1	5.4	6.1	6.8	7.3	8.9	8.7	7.6	5.8	5.2	6.1	5.8
Fuel oil and coal <sup>2</sup> .....	14.8	57.8	9.6	6.6	13.0	5.3	35.1	37.9	21.6	-1.2	-6.0	2.2	-3.5	-19.0
Gas and electricity.....	4.9	15.3	16.3	11.4	12.9	9.0	10.8	17.1	14.6	13.8	8.9	3.8	1.7	-1.3
Apparel and upkeep.....	3.7	7.4	4.5	3.7	4.5	3.5	4.4	7.1	4.8	2.6	2.5	1.9	2.9	.9
Private transportation.....	3.4	12.4	9.7	9.9	7.3	4.8	14.8	17.4	11.4	3.6	2.2	4.3	2.5	-4.7
Automobiles, new.....	.1	5.8	6.6	6.3	5.3	7.8	7.9	8.0	6.1	3.9	2.5	2.9	3.2	4.3
Gasoline.....	9.8	35.4	6.8	4.2	5.8	4.3	35.3	39.0	11.3	-5.3	-3.3	-1.6	.8	-21.9
Auto maintenance and repair.....	5.3	10.3	12.6	7.4	7.4	8.3	10.0	10.6	9.4	7.6	4.5	3.5	2.9	3.3
Public transportation.....	1.0	2.2	7.2	9.8	4.7	3.0	6.7	25.6	24.0	10.9	4.8	6.2	4.6	5.9
Medical care.....	3.9	9.3	12.0	9.5	9.6	8.4	9.3	10.9	10.8	11.6	8.7	6.2	6.2	7.5
Entertainment.....	2.8	7.5	8.9	5.0	4.9	5.3	6.7	8.9	7.8	6.5	4.3	3.7	3.9	3.4
All services.....	4.4	9.3	9.5	8.3	7.7	8.5	11.0	15.4	13.1	9.0	3.5	5.2	5.1	5.0
All commodities.....	7.4	12.0	8.9	4.3	5.8	7.1	11.4	12.2	8.4	4.0	2.9	3.4	2.1	-1.0

<sup>1</sup> Change from 1972.

<sup>2</sup> Includes bottled gas.

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

# Consumer Price Indexes

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## NO. 740. CONSUMER PRICE INDEXES FOR SELECTED ITEMS AND GROUPS: 1970 TO 1986

[1967=100 except as noted. Annual averages of monthly figures. See headnote, table 738]

COMMODITY	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
<b>All Items</b> .....	<b>116.3</b>	<b>161.2</b>	<b>195.4</b>	<b>217.4</b>	<b>246.8</b>	<b>272.4</b>	<b>289.1</b>	<b>298.4</b>	<b>311.1</b>	<b>322.2</b>	<b>328.4</b>
<b>Food and beverages</b> .....	<b>114.7</b>	<b>172.1</b>	<b>206.3</b>	<b>228.5</b>	<b>248.0</b>	<b>287.3</b>	<b>278.2</b>	<b>284.4</b>	<b>295.1</b>	<b>302.0</b>	<b>311.8</b>
<b>Food</b> .....	114.9	175.4	211.4	234.5	254.6	274.6	285.7	291.7	302.9	309.8	318.7
<b>Food at home</b> .....	113.7	175.8	210.2	232.9	251.5	289.9	279.2	282.2	292.6	296.8	305.3
Cereals and bakery products.....	108.9	184.8	199.9	220.1	246.4	271.1	283.4	282.5	305.3	317.0	325.8
Meats, poultry, fish, eggs.....	117.3	176.4	204.3	234.2	242.2	252.8	262.1	261.0	266.6	263.4	275.1
Dairy products.....	111.8	156.6	185.6	207.1	227.4	243.6	247.0	250.0	253.2	258.0	258.4
Fruits and vegetables.....	113.4	171.0	212.9	230.0	246.7	276.3	291.4	292.2	317.4	325.7	328.7
Sugar and sweets.....	115.1	248.2	257.5	277.6	341.3	368.3	367.5	374.3	389.1	396.8	411.1
Fats and oils.....	105.8	198.6	209.6	226.3	241.2	267.1	259.6	265.1	288.0	294.4	297.8
Nonalcoholic beverages.....	117.4	173.9	340.8	357.8	395.8	412.6	424.2	432.2	443.0	451.7	478.2
Other prepared foods.....	109.4	163.0	189.4	208.5	231.1	254.9	268.1	278.5	284.9	284.2	301.9
<b>Food away from home</b> .....	119.9	174.3	218.4	242.9	267.0	291.0	306.5	319.9	333.4	346.6	360.1
Alcoholic beverages.....	112.3	142.1	159.8	172.4	186.3	199.5	208.5	216.5	222.1	229.5	239.7
<b>Housing</b> .....	<b>118.2</b>	<b>164.5</b>	<b>202.8</b>	<b>227.6</b>	<b>263.3</b>	<b>293.5</b>	<b>314.7</b>	<b>323.1</b>	<b>336.5</b>	<b>349.9</b>	<b>380.2</b>
Shelter.....	123.6	169.7	210.4	239.7	281.7	314.7	337.0	344.8	361.7	382.0	402.9
Renter's costs <sup>1</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	103.0	108.6	115.4	121.9
Rent.....	110.1	137.3	164.0	176.0	191.6	208.2	224.0	236.9	249.3	264.6	280.0
Maintenance and repairs.....	124.0	187.6	233.0	256.4	285.7	314.4	334.1	348.3	359.2	368.9	373.8
Homeowners' costs <sup>1</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	102.5	107.3	113.1	119.4
Fuel and other utilities.....	107.6	167.8	216.0	239.3	278.6	319.2	350.8	370.3	387.3	393.6	384.7
Fuel oil, coal, and bottled gas.....	110.1	230.3	298.3	403.1	556.0	675.9	667.9	628.0	641.8	619.5	501.5
Fuel oil.....	109.3	205.0	288.9	416.8	574.7	709.2	693.9	637.7	651.0	625.0	489.6
Gas (piped) and electricity.....	107.3	168.6	232.6	257.8	301.8	345.9	393.8	428.7	445.2	452.7	448.7
Electricity.....	106.2	167.0	203.4	219.1	253.4	291.5	320.3	330.6	351.8	364.1	369.0
Household furnishings and operation <sup>2</sup> .....	111.5	151.0	177.7	190.3	205.4	221.3	233.2	238.5	242.5	247.2	250.4
Housefurnishings.....	109.3	137.4	154.3	183.1	174.2	185.2	193.8	197.5	199.1	200.1	201.1
<b>Apparel and upkeep</b> <sup>3</sup> .....	<b>116.1</b>	<b>142.3</b>	<b>159.6</b>	<b>166.6</b>	<b>178.4</b>	<b>188.9</b>	<b>191.8</b>	<b>196.5</b>	<b>200.2</b>	<b>206.0</b>	<b>207.8</b>
Apparel commodities.....	116.5	141.2	155.7	181.1	171.1	177.7	181.0	184.5	187.0	191.6	192.0
Apparel commodities <sup>4</sup> .....	116.3	140.6	154.2	158.5	167.8	174.0	177.0	180.8	183.2	188.1	188.8
Men's and boys'.....	117.1	142.2	157.3	160.8	168.4	177.5	183.9	188.9	192.4	197.9	200.0
Women's and girls'.....	116.0	138.1	149.3	151.9	155.1	157.5	159.1	161.9	163.6	169.5	168.0
Footwear.....	117.7	144.2	163.6	176.7	190.3	200.4	205.5	208.9	209.5	212.1	211.2
<b>Transportation</b> .....	<b>112.7</b>	<b>150.6</b>	<b>185.5</b>	<b>212.0</b>	<b>249.7</b>	<b>280.0</b>	<b>291.5</b>	<b>298.4</b>	<b>311.7</b>	<b>319.9</b>	<b>307.5</b>
Private.....	111.1	149.8	185.0	212.3	248.2	277.5	287.5	293.9	306.6	314.2	289.5
Automobiles, new.....	107.6	127.6	153.8	166.0	179.9	190.2	197.6	202.6	208.5	215.2	224.4
Automobiles, used.....	104.3	146.4	186.5	201.0	208.1	256.9	296.4	328.7	375.7	379.7	363.2
Gasoline.....	105.6	170.8	196.3	265.6	369.1	410.9	389.3	376.3	370.2	373.3	291.4
Auto insurance rates.....	126.7	145.9	216.5	228.7	247.4	259.0	275.7	302.7	326.3	359.5	407.2
Public.....	128.5	158.6	187.8	200.3	251.6	312.0	346.0	362.6	385.2	402.8	426.4
Intracity mass transit.....	134.5	155.5	181.8	189.8	217.6	274.8	310.9	322.1	344.6	352.4	381.8
Intercity bus fare.....	118.4	186.0	240.2	260.0	297.1	339.8	368.8	402.2	436.3	466.8	514.3
Airline fares.....	118.5	159.0	190.6	205.8	284.8	358.4	395.0	417.8	443.0	470.9	490.2
<b>Medical care</b> .....	<b>120.6</b>	<b>168.6</b>	<b>219.4</b>	<b>239.7</b>	<b>265.9</b>	<b>294.5</b>	<b>328.7</b>	<b>357.3</b>	<b>379.5</b>	<b>403.1</b>	<b>433.5</b>
Prescription drugs.....	101.2	109.3	131.6	141.8	154.8	172.5	192.7	213.9	234.3	256.5	278.6
Physicians' services.....	121.4	189.4	233.1	243.6	269.3	299.0	327.1	352.3	378.8	398.8	427.7
Dental services.....	119.4	161.9	198.1	214.8	240.2	263.3	283.6	302.7	327.3	347.9	367.3
Hospital room.....	145.4	236.1	332.4	370.3	418.9	481.1	556.7	619.7	670.9	710.5	753.1
<b>Entertainment</b> .....	<b>116.7</b>	<b>152.2</b>	<b>176.6</b>	<b>188.5</b>	<b>205.3</b>	<b>221.4</b>	<b>235.8</b>	<b>246.0</b>	<b>255.1</b>	<b>265.0</b>	<b>274.1</b>
Entertainment commodities.....	113.5	152.1	177.7	189.3	208.2	225.2	239.0	248.9	253.3	260.6	265.9
Newspapers.....	119.4	174.5	200.4	213.7	238.2	262.6	289.5	302.4	314.3	328.0	341.1
Entertainment services.....	121.0	152.4	175.4	187.6	201.6	216.3	231.8	245.3	256.3	271.8	286.3
<b>Other goods and services</b> .....	<b>116.8</b>	<b>153.9</b>	<b>183.3</b>	<b>196.7</b>	<b>214.5</b>	<b>235.7</b>	<b>259.9</b>	<b>286.3</b>	<b>307.7</b>	<b>328.6</b>	<b>348.4</b>
Tobacco products.....	121.2	153.9	177.3	187.9	202.6	218.9	243.5	291.0	310.0	328.5	351.0
Personal care.....	113.2	150.7	182.0	195.8	213.1	232.0	248.3	261.1	271.4	281.9	291.3
Toilet goods <sup>5</sup> .....	110.4	150.0	176.6	188.7	206.1	227.2	246.1	260.6	269.6	278.5	287.9
Personal care services.....	116.0	151.4	187.3	202.7	219.9	237.0	251.2	262.5	274.1	286.0	295.4
Personal and educational expenses.....	118.2	162.4	198.0	213.8	236.2	265.8	301.0	333.3	365.7	397.1	428.8
<b>All services</b> .....	<b>121.6</b>	<b>166.6</b>	<b>210.9</b>	<b>234.2</b>	<b>270.3</b>	<b>305.7</b>	<b>333.3</b>	<b>344.9</b>	<b>363.0</b>	<b>381.5</b>	<b>400.5</b>
Transportation services.....	123.1	152.7	187.4	212.8	242.6	271.6	294.4	303.6	321.1	337.0	356.3
Medical care services.....	124.2	179.1	235.4	258.3	287.4	318.2	356.0	387.0	410.3	435.1	468.8
Other services.....	117.3	153.1	184.7	198.8	218.7	239.2	259.9	278.0	296.0	314.1	331.8
<b>All commodities</b> .....	<b>113.5</b>	<b>158.4</b>	<b>187.1</b>	<b>208.4</b>	<b>233.9</b>	<b>253.8</b>	<b>263.8</b>	<b>271.5</b>	<b>280.7</b>	<b>286.7</b>	<b>283.9</b>
Durable.....	111.8	145.5	173.9	191.1	210.4	227.1	241.1	253.0	266.5	270.7	270.2
Nondurable.....	114.0	163.2	192.0	215.9	245.0	266.3	273.6	279.0	286.6	293.2	289.6
<b>All commodities less food</b> .....	<b>112.5</b>	<b>149.1</b>	<b>174.7</b>	<b>195.1</b>	<b>222.0</b>	<b>241.2</b>	<b>250.9</b>	<b>259.9</b>	<b>267.0</b>	<b>272.5</b>	<b>283.4</b>
Nondurables less food.....	113.1	151.7	174.3	198.7	235.2	257.5	261.6	266.3	270.8	277.2	282.2
Nondurables less food, apparel.....	111.2	157.9	185.0	218.2	267.1	296.6	301.1	306.4	311.9	319.2	297.1

NA Not available. <sup>1</sup> Dec. 1982=100. See text, section 15. <sup>2</sup> Includes housekeeping supplies and services. <sup>3</sup> Includes apparel services. <sup>4</sup> Except footwear. <sup>5</sup> Includes personal care appliances.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review* and *CPI Detailed Report*, January issues.



**NO. 742. ANNUAL PERCENT CHANGES IN CONSUMER PRICES, UNITED STATES AND OECD COUNTRIES: 1970 TO 1986**

[Covers member countries of Organization for Economic Cooperation and Development (OECD). For consumer price indexes for OECD countries, see section 31]

COUNTRY	1970-1975, avg.	1975-1980, avg.	1980-1985, avg.	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
United States.....	6.7	8.9	5.5	5.8	6.5	7.7	11.3	13.5	10.4	6.1	3.2	4.3	3.5	2.0
OECD, total.....	8.5	9.6	6.6	8.6	8.8	7.9	9.8	12.9	10.5	7.8	5.2	5.3	4.5	2.5
OECD, Europe.....	9.6	11.2	9.0	10.9	11.1	9.3	10.6	14.3	12.2	10.5	8.2	7.4	6.5	3.8
Australia.....	10.2	10.6	8.3	13.5	12.3	7.9	9.1	10.2	9.7	11.2	10.1	3.9	6.8	9.1
Canada.....	7.3	8.7	7.4	7.5	8.0	9.0	8.1	10.1	12.5	10.8	5.9	4.3	4.0	4.8
Japan.....	11.5	6.5	2.7	9.3	8.1	3.8	3.8	8.0	4.9	2.7	1.9	2.2	2.1	(NA)
New Zealand.....	10.2	14.8	12.0	16.9	14.3	12.0	13.8	17.1	15.4	16.1	7.4	6.2	15.4	13.2
Austria.....	7.3	5.3	4.9	7.3	5.5	3.8	3.7	6.4	6.8	5.4	3.3	5.6	3.2	1.7
Belgium.....	8.4	6.4	7.0	8.2	7.1	4.5	4.5	6.8	7.6	8.7	7.7	6.3	4.9	1.3
Denmark.....	9.3	10.4	7.9	9.0	11.1	10.0	9.6	12.3	11.7	10.1	6.9	6.3	4.7	3.6
Finland.....	11.7	10.7	8.6	14.4	12.2	7.8	7.5	11.8	12.0	9.6	8.3	7.1	5.9	3.6
France.....	8.8	10.5	9.6	9.6	8.4	9.1	10.8	13.6	13.4	11.8	9.6	7.4	5.8	2.7
Greece.....	12.9	16.3	20.7	13.3	12.1	12.6	19.0	24.9	24.5	21.0	20.2	18.5	19.3	23.0
Ireland.....	13.3	14.1	12.3	18.0	13.6	7.6	13.3	18.2	20.4	17.1	10.5	8.6	5.4	3.8
Italy.....	11.3	16.3	13.7	16.8	18.4	12.1	14.8	21.2	19.5	16.6	14.6	10.8	9.2	5.8
Luxembourg.....	7.2	6.1	6.9	9.8	6.7	3.1	4.5	6.3	8.1	9.4	8.7	4.6	4.1	3
Netherlands.....	8.6	8.0	4.2	8.8	6.4	4.1	4.2	6.5	6.7	6.0	2.8	3.3	2.3	2
Norway.....	8.4	8.4	9.0	9.1	9.1	8.1	4.8	10.9	13.6	11.3	8.4	6.2	5.7	7.2
Portugal <sup>1</sup> .....	15.4	21.8	23.2	19.3	27.2	22.5	23.9	16.6	20.0	22.4	25.5	29.3	19.3	11.7
Spain.....	12.1	18.6	12.2	17.7	24.5	19.8	15.7	15.5	14.6	14.4	12.1	11.3	8.8	8.8
Sweden.....	8.0	10.5	9.0	10.3	11.4	10.0	7.2	13.7	12.1	8.6	8.9	8.0	7.4	4.3
Switzerland.....	7.7	2.3	4.3	1.7	1.3	1.1	3.6	4.0	6.5	5.6	3.0	3.0	3.4	.7
Turkey <sup>1</sup> .....	18.6	50.1	37.8	17.4	26.0	61.9	83.5	94.3	37.6	32.7	28.8	45.6	44.9	34.6
United Kingdom.....	13.0	14.4	7.2	16.5	15.8	8.3	13.4	18.0	11.9	8.6	4.6	5.0	8.1	3.4
West Germany.....	6.1	4.1	3.9	4.5	3.7	2.7	4.1	5.5	5.9	5.3	3.3	2.4	2.2	-2

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

Source: Organization for Economic Cooperation and Development, Paris, France, *Main Economic Indicators*, monthly.

**NO. 743. CONSUMER PRICE INDEXES FOR ALL URBAN CONSUMERS—U.S. REGIONS: 1974 TO 1986**

[December 1977=100. For composition of regions, see fig. 1, inside front cover]

REGION AND AREA	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
<b>All items:</b>													
Northeast.....	81.4	87.9	92.9	98.1	104.3	114.7	129.4	143.3	150.8	157.1	164.5	170.7	175.0
Midwest.....	79.3	86.2	91.2	97.4	105.3	118.2	134.0	146.6	157.0	162.8	168.6	173.7	175.8
South.....	78.8	86.5	91.3	97.4	105.4	117.4	132.9	147.2	156.6	161.7	168.4	173.8	176.6
West.....	77.1	85.1	90.2	96.9	105.1	117.3	134.6	148.5	157.5	160.0	167.4	174.5	178.6
<b>Food:</b>													
Northeast.....	83.1	89.8	92.8	98.0	107.2	118.0	128.6	138.9	144.8	147.8	153.6	157.9	163.7
Midwest.....	82.8	88.6	92.0	97.9	108.0	119.8	130.0	139.4	144.1	145.9	150.9	153.4	158.0
South.....	80.9	89.8	92.0	98.0	107.9	120.1	130.4	140.7	146.1	149.5	155.9	159.1	163.8
West.....	81.1	88.3	90.2	97.1	108.0	120.2	130.2	141.0	147.7	152.3	158.3	162.1	168.5
<b>Housing:</b>													
Northeast.....	(NA)	(NA)	(NA)	(NA)	104.3	115.2	132.3	148.7	156.9	163.6	171.5	178.8	184.8
Midwest.....	(NA)	(NA)	(NA)	(NA)	106.1	121.1	140.0	153.5	168.4	175.4	181.1	187.2	191.4
South.....	(NA)	(NA)	(NA)	(NA)	106.0	119.0	136.8	153.2	165.1	168.7	174.5	180.0	184.6
West.....	(NA)	(NA)	(NA)	(NA)	105.1	117.8	138.5	154.1	163.7	163.4	171.9	181.0	187.9
<b>Population-size class of SMSA:<sup>1</sup></b>													
Less than 75,000.....	(NA)	(NA)	(NA)	(NA)	104.9	116.6	131.3	144.8	156.0	160.7	167.2	172.0	173.9
75,000 to 364,999.....	(NA)	(NA)	(NA)	(NA)	105.4	117.6	133.1	146.4	155.7	160.1	166.6	172.2	175.0
365,000 to 1,249,999.....	(NA)	(NA)	(NA)	(NA)	105.2	117.8	134.0	148.6	156.9	161.6	168.5	174.5	177.1
1,250,000 to 4,000,000.....	(NA)	(NA)	(NA)	(NA)	105.1	117.2	133.5	147.8	157.4	162.9	169.8	175.8	178.9
Over 4,000,000.....	(NA)	(NA)	(NA)	(NA)	104.5	115.4	131.1	143.8	152.1	157.4	164.5	171.1	175.9
<b>ANNUAL PERCENT CHANGE</b>													
<b>All items:</b>													
Northeast.....	<sup>2</sup> 11.1	8.0	5.7	5.6	6.3	10.0	12.8	10.7	5.2	4.2	4.7	3.8	2.5
Midwest.....	<sup>2</sup> 10.9	8.7	5.8	6.8	8.1	12.3	13.4	9.4	7.1	3.6	3.7	3.0	1.2
South.....	<sup>2</sup> 12.1	9.8	5.5	6.7	8.2	11.4	13.2	10.8	6.4	3.3	4.1	3.2	1.6
West.....	<sup>2</sup> 10.6	10.4	6.0	7.4	8.5	11.6	14.7	10.3	6.1	1.6	4.6	4.2	2.3

NA Not available. <sup>1</sup> See headnote, table 744. <sup>2</sup> Change from 1973.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review* and *CPI Detailed Report*, January issues.

**NO. 744. AVERAGE PRICES (UNIT VALUES)—SELECTED COMMODITIES EXPORTED AND IMPORTED:  
1970 TO 1986**

[In dollars per unit. Includes trade of Puerto Rico with foreign countries. Unit values obtained by dividing annual values of domestic exports and imports of merchandise for consumption by annual quantities. Values of goods exported represent those at port of export. For 1970, values of goods imported represent market values in country from which imported; transaction values i.a.s. (free alongside ship) at port of export through 1981; and customs value beginning in 1982. Unit values may show actual price movements only roughly for commodities subject to considerable price variations among different grades, methods of packing, etc., and to year-to-year variations in proportions of grades, etc. Unit values of agricultural exports also include effects of Commodity Credit Corporation sales for export.]

COMMODITY	Unit	1970	1975	1980	1982	1983	1984	1985	1986
<b>EXPORTS</b>									
Wheat.....	Bushel.....	1.58	4.54	4.85	4.46	4.41	4.17	3.95	3.34
Milled rice, less than 75% broken kernels.....	Lb.....	.079	.189	.197	.189	.188	.187	.172	.111
Corn.....	Bushel.....	1.45	3.36	3.41	2.91	3.40	3.63	3.00	2.11
Grain sorghums.....	Bushel.....	1.32	3.05	3.34	2.92	3.36	3.17	2.85	2.23
Wheat flour.....	100 lb.....	3.85	10.34	12.17	11.26	6.89	11.09	9.57	6.81
Leaf tobacco, flue-cured, unstemmed.....	Lb.....	.921	1.46	2.11	2.62	2.70	2.82	2.54	2.41
Cigarettes.....	1,000.....	5.45	7.38	12.87	16.78	18.55	19.82	20.02	20.30
Soybeans.....	Bushel.....	2.80	6.24	7.35	6.64	7.09	7.57	6.04	5.01
Synthetic rubber, "s" type <sup>1</sup>	Lb.....	.177	.283	.402	.457	.439	.444	.441	.365
Woodpulp, special alpha and dissolving grades.....	Sh. ton.....	187.40	290.97	511.57	518.93	503.64	511.45	474.25	476.94
Cotton, upland, staple 1" to 1 1/4".....	Lb.....	.259	.542	.706	.637	.668	.744	.576	.762
Cotton, upland, staple, 1 1/2" and over.....	Lb.....	.308	.601	.817	.741	.745	.796	.747	.340
Bituminous coal.....	Sh. ton.....	13.40	49.23	40.37	56.39	49.29	50.63	45.23	45.97
Steel scrap, No. 1, heavy netting.....	Sh. ton.....	43.37	84.53	102.20	73.85	74.45	86.41	79.04	101.76
Tallow, inedible.....	Lb.....	.087	.162	.218	.195	.183	.229	.201	.141
Soybean oil, crude.....	Lb.....	.122	.332	.269	.216	.222	.309	.304	.211
Carbon steel sheets, cold rolled.....	Lb.....	.077	.175	.184	.245	.236	.279	.286	.188
Polyethylene resin.....	Lb.....	.134	.257	.423	.340	.341	.378	.317	.374
Styrene, polymer, and copolymer resins.....	Lb.....	.193	.343	.576	.662	.668	.706	.743	.662
Container board liners.....	Lb.....	.062	.126	.156	.144	.128	.153	.133	.294
Nylon yarn, incl. monofilaments.....	Lb.....	.953	1.15	1.41	1.54	1.49	1.24	1.33	1.37
Carbon black, furnace.....	Lb.....	.090	.167	.331	.524	.584	.607	.638	.749
Copper, refined, crude forms.....	Lb.....	.671	.654	.974	.680	.739	.689	.627	.672
Aluminum metal and alloys.....	Lb.....	.263	.361	.807	.751	.890	.901	.684	.744
<b>IMPORTS</b>									
Canned beef.....	Lb.....	.425	.724	1.44	1.15	1.14	1.04	1.14	1.15
Cashew nuts.....	Lb.....	.599	.846	2.02	1.61	1.59	2.12	1.95	2.52
Raw sugar.....	Lb.....	.070	.245	2.23	.153	.176	.188	.130	.162
Coffee (Brazil).....	Lb.....	.474	.679	1.87	1.25	1.24	1.31	1.27	1.72
Coffee (Colombia).....	Lb.....	.535	.683	1.70	1.40	1.29	1.37	1.27	1.89
Cocoa (cacao beans, Africa).....	Lb.....	.352	.670	1.26	.915	.732	.920	.947	.998
Tea (Sri Lanka).....	Lb.....	.390	.582	.958	.764	.980	1.37	.950	.785
Whisky, containers of 1 gal. or less (U.K.).....	Proof gal.....	7.48	8.22	13.58	16.78	16.33	16.49	16.80	11.85
Whisky, containers of 1 gal. or less (Canada).....	Proof gal.....	6.70	7.60	9.99	12.94	13.06	13.56	12.71	6.47
Cigarette leaf, unstemmed.....	Lb.....	.568	1.03	1.27	1.43	1.54	1.52	1.49	1.48
Goat and kid skins, dry.....	Lb.....	1.06	1.26	5.10	2.26	2.33	1.86	1.40	3.97
Crude rubber, except milk.....	Lb.....	.189	.238	.588	.367	.423	.454	.352	.360
Sawed lumber, fir.....	Mill. bd. ft.....	71.13	137.64	255.12	170.18	212.01	187.43	205.07	209.42
Sawed lumber, spruce.....	Mill. bd. ft.....	73.98	132.55	192.25	163.15	194.55	184.51	181.30	189.92
Woodpulp, sulphite, bleached, exc. rayon and special chemical grades.....	Sh. ton.....	142.90	323.72	443.79	449.18	416.88	418.24	399.46	389.42
Woodpulp, sulphate, bleached.....	Sh. ton.....	143.68	353.41	431.74	377.23	398.61	412.41	332.84	332.62
Apparel wool, 60's and finer <sup>2</sup> .....	Lb.....	.879	1.59	1.70	1.78	1.57	1.51	1.57	1.97
Iron ore (Canada).....	Ton.....	12.42	22.15	33.61	38.82	38.44	37.05	38.01	36.04
Iron ore (Venezuela).....	Ton.....	8.33	15.64	22.48	33.64	34.97	22.92	24.10	21.11
Manganese ore, metallurgical grade <sup>3</sup> .....	Lb.....	.020	.050	.069	.086	.056	.019	.029	.044
Bauxite, crude.....	Ton.....	10.91	20.67	27.81	33.14	29.17	30.26	29.41	27.98
Copper ores and concentrates <sup>3</sup> .....	Lb.....	.617	.566	.700	.557	.485	.623	.512	.560
Crude petroleum (Venezuela) <sup>4</sup> .....	Bbl.....	2.30	11.66	27.64	33.84	27.78	28.57	27.02	13.59
Newspprint.....	Sh. ton.....	140.11	244.10	368.98	420.88	398.52	417.99	428.87	428.80
Jute burlap.....	Lb.....	.230	.294	.379	.482	.470	.516	.589	.411
Concrete reinforcement bars.....	Lb.....	.051	.092	.150	.123	.094	.101	.108	.113
Steel tubes and pipes, at least .065" thick, 3/4" diameter.....	Lb.....	.075	.208	.233	.306	.237	.210	.496	.392
Copper, refined (Chile) <sup>3</sup> .....	Lb.....	.830	.531	.986	.664	.708	.816	.617	.601
Nickel in pigs, ingots, shot, etc.....	Lb.....	1.30	1.88	3.17	2.81	2.33	2.31	2.46	2.01
Tin bars, blocks, pigs, etc. (Malaysia).....	Lb.....	1.66	3.35	7.75	5.89	6.00	5.52	5.37	3.15

<sup>1</sup> Excludes latex (liquid). <sup>2</sup> Clean content. <sup>3</sup> Metal content. <sup>4</sup> Testing 25° API or more.

Source: U.S. Bureau of the Census, *U.S. Exports, Schedule B Commodity, By Country*, Report FT 446, annual; and *U.S. Imports for Consumption and General Imports, TSUSA Commodity by Country of Origin*, Report FT 246, annual.

No. 745. IMPORT PRICE INDEXES—SELECTED COMMODITIES: 1980 TO 1987

[Index values are given for the June quarter of each year. Indexes are weighted by the 1980 Tariff Schedule of the United States Annotated, a scheme for describing and reporting product composition and value of U.S. imports. Import prices are based on U.S. dollar prices paid by importer. F.o.b.=Free on board; c.i.f.=Cost, insurance, and freight]

COMMODITY	Unit	1980	1982	1983	1984	1985	1986	1987
<b>All commodities</b> .....	Sept. 1982=100	(NA)	(NA)	97.2	98.3	93.0	83.2	95.3
<b>Food</b> .....	Sept. 1977=100	104.4	91.5	97.9	103.5	96.8	104.7	102.0
<b>Meat</b> .....	June 1977=100	139.4	141.6	137.9	138.8	118.2	118.5	135.9
Meat and edible meat offals, fresh, chilled or frozen.....	Sept. 1977=100	158.0	158.7	158.7	151.0	132.7	128.6	147.8
Meat and edible meat offals, prepared or preserved, n.e.s. <sup>1</sup> ; fish extracts .....	June 1977=100	107.1	112.6	100.9	104.2	83.6	102.8	117.1
<b>Dairy products and eggs</b> .....	June 1981=100	(NA)	(NA)	101.5	99.8	87.9	107.1	119.8
<b>Fish</b> .....	June 1977=100	124.4	135.8	133.9	134.2	129.4	144.8	167.4
Shellfish, fresh, chilled, frozen, salted, or dried, c.i.f.....	June 1977=100	123.2	149.0	154.6	155.5	146.2	162.4	178.0
Fish in airtight containers, c.i.f.....	Sept. 1979=100	109.5	109.2	100.2	100.2	96.8	102.5	114.5
Bakery goods <sup>2</sup> .....	Sept. 1977=100	131.1	137.4	140.0	134.2	132.3	149.2	165.2
Fruits and vegetables.....	June 1977=100	100.2	111.9	112.0	135.8	129.4	119.4	125.4
Sugar <sup>3</sup> .....	Mar. 1982=100	(NA)	82.7	132.2	120.3	122.6	121.6	128.6
Coffee, tea, cocoa.....	June 1977=100	67.9	60.0	52.6	62.4	56.0	69.2	49.3
<b>Beverages and tobacco</b> .....	June 1977=100	136.3	153.0	153.8	156.3	157.1	165.5	174.1
<b>Beverages</b> .....	June 1977=100	136.3	153.0	153.5	153.6	154.3	163.9	174.6
Alcoholic.....	June 1977=100	136.3	153.0	153.5	153.4	154.2	163.6	174.2
Wine of fresh grapes, c.i.f.....	June 1977=100	152.8	165.5	164.9	158.5	162.6	179.2	196.0
Beer, c.i.f.....	Sept. 1981=100	(NA)	101.7	101.8	102.8	104.7	107.8	118.3
Spirits, c.i.f.....	June 1977=100	139.2	167.2	168.8	171.8	170.2	178.1	185.5
<b>Crude materials</b> .....	Sept. 1983=100	(NA)	(NA)	(NA)	102.6	93.6	95.3	105.6
Crude rubber <sup>4</sup> .....	Mar. 1984=100	(NA)	(NA)	(NA)	83.7	78.4	75.5	84.5
<b>Wood</b> .....	Sept. 1981=100	(NA)	95.7	124.2	103.2	106.9	106.3	112.0
Lumber .....	Sept. 1981=100	(NA)	95.4	126.3	104.4	108.1	107.4	113.1
Pulp and waste paper.....	Dec. 1981=100	(NA)	96.0	80.3	96.1	80.4	79.9	104.6
Crude minerals.....	Dec. 1983=100	(NA)	(NA)	(NA)	85.2	101.7	100.0	88.4
Metalliferous ores and metal scrap.....	Mar. 1984=100	(NA)	(NA)	(NA)	102.8	87.6	85.6	100.0
Ores and concentrates of base metals, n.e.s. <sup>1</sup> .....	Mar. 1984=100	(NA)	(NA)	(NA)	104.1	84.4	103.0	106.3
Crude vegetable and animal materials, n.e.s. <sup>1</sup> .....	Mar. 1984=100	(NA)	(NA)	(NA)	100.6	104.9	104.4	120.3
<b>Fuels and related products</b> .....	June 1982=100	(NA)	100.0	87.8	88.0	80.9	37.5	54.8
Crude petroleum and petroleum products .....	June 1982=100	(NA)	100.0	87.6	88.1	81.6	36.1	55.2
Crude petroleum .....	June 1977=100	244.0	253.8	219.7	218.5	206.6	85.9	128.8
Natural gas and LNG.....	Sept. 1981=100	(NA)	99.8	89.4	86.8	70.2	55.8	47.5
<b>Fats and oils</b> .....	Sept. 1983=100	(NA)	(NA)	(NA)	141.8	76.7	39.3	54.5
<b>Chemicals and related products</b> .....	Sept. 1982=100	(NA)	(NA)	100.0	100.6	94.9	93.3	98.8
<b>Intermediate manufactured products</b> .....	Dec. 1977=100	141.9	137.8	136.2	139.6	132.4	135.6	147.4
Leather and furskins .....	June 1977=100	141.6	135.8	133.2	145.3	133.3	134.0	156.6
Rubber manufactures.....	June 1977=100	138.3	148.7	142.6	140.8	138.8	137.7	140.5
Cork and wood manufactures.....	June 1977=100	130.1	126.9	134.3	131.0	121.2	134.3	151.6
Paper and paperboard products.....	June 1977=100	132.6	149.9	142.6	150.4	157.2	157.1	165.0
Paper and paperboard .....	June 1977=100	131.9	149.7	141.8	148.7	157.4	155.8	163.6
Newsprint, c.i.f.....	June 1977=100	132.8	151.4	141.9	150.5	160.0	158.7	169.0
Textiles.....	June 1977=100	132.9	130.3	128.0	130.1	127.5	132.9	140.4
Non-metallic mineral manufactures.....	June 1977=100	158.5	157.3	166.2	166.6	151.8	169.6	190.3
Iron and steel.....	Sept. 1978=100	119.4	127.9	114.8	123.8	120.1	118.1	127.1
Non-ferrous metals .....	Dec. 1981=100	(NA)	87.4	97.2	96.3	82.3	78.9	90.9
Silver platinum and other metals of platinum group, c.i.f.....	Mar. 1982=100	(NA)	87.8	129.8	116.1	80.5	93.8	124.1
Copper.....	June 1977=100	125.3	106.2	110.7	101.0	97.6	101.3	105.3
Nickel, c.i.f.....	Mar. 1982=100	(NA)	98.2	81.1	82.1	88.8	73.2	69.8
Zinc.....	June 1977=100	102.5	97.8	103.1	142.6	122.0	92.4	112.8
Tin, c.i.f.....	Dec. 1977=100	140.2	108.2	110.0	102.6	98.0	46.3	57.1
Metal manufactures, n.e.s. <sup>1</sup> .....	June 1977=100	123.9	125.1	119.3	120.5	117.8	127.8	134.5
<b>Machinery and transport equipment</b> .....	June 1981=100	(NA)	103.2	104.3	104.1	102.6	115.3	126.1
Machinery specialized for particular industries.....	Dec. 1981=100	(NA)	102.8	104.2	100.0	97.0	115.4	129.5
Metalworking machinery.....	Mar. 1980=100	100.7	100.8	97.5	93.8	80.5	107.7	126.1
General industrial machinery, parts n.e.s. <sup>1</sup> .....	June 1981=100	(NA)	98.2	95.8	84.4	81.1	109.0	123.0
Office machines <sup>5</sup> .....	Mar. 1980=100	100.4	95.9	95.3	96.7	89.4	101.3	106.4
Telecommunications <sup>6</sup> .....	Mar. 1980=100	101.5	99.8	87.2	84.8	84.8	91.6	95.5
Electric machinery and equipment.....	Dec. 1981=100	(NA)	98.1	95.4	91.2	83.9	87.5	94.8
Road vehicles and parts.....	June 1981=100	(NA)	105.7	107.4	110.4	112.1	127.1	139.2
<b>Misc. manufactured articles</b> .....	Mar. 1980=100	99.1	100.1	100.4	101.5	98.0	104.8	118.1
Plumbing, heating and lighting fixtures .....	June 1980=100	100.0	104.6	107.3	112.0	114.1	123.5	130.6
Furniture and parts .....	June 1980=100	100.0	101.1	98.2	96.0	94.4	102.2	108.7
Footwear, c.i.f.....	June 1977=100	138.6	139.9	134.6	140.8	136.7	142.2	153.3
Professional, scientific and controlling instruments and apparatus.....	Dec. 1979=100	104.6	104.7	99.4	97.8	92.3	112.5	129.5
Photographic apparatus <sup>7</sup> .....	Mar. 1980=100	101.6	95.7	91.5	92.8	89.5	103.2	114.4
Misc. manufactured articles, n.e.s. <sup>1</sup> .....	June 1980=100	(NA)	100.0	107.7	104.0	95.2	103.4	121.8

NA Not available. <sup>1</sup> N.e.s.=not elsewhere specified. <sup>2</sup> Includes pasta products, grain and grain preparations. <sup>3</sup> Includes sugar preparations and honey. <sup>4</sup> Includes synthetic and reclaimed rubber. <sup>5</sup> Includes automatic data processing equipment. <sup>6</sup> Includes sound recording and reproducing equipment. <sup>7</sup> Includes photographic supplies, optical goods, watches and clocks.

Source: U.S. Bureau of Labor Statistics, News, quarterly.

## No. 746. EXPORT PRICE INDEXES—SELECTED COMMODITIES: 1980 TO 1987

[Index values are given for June quarter of each year. Indexes are weighted by 1980 export values according to the Schedule B classification system of the U.S. Bureau of the Census. Prices used in these indexes were collected from a sample of U.S. manufacturers of exports and are f.o.b. (free on board) factory transaction prices, except as noted]

COMMODITY	Unit	1980	1982	1983	1984	1985	1986	1987
<b>All commodities</b>								
Food	Sept. 1983=100	(NA)	(NA)	(NA)	101.5	97.5	96.7	99.9
Meat	Mar. 1983=100	(NA)	(NA)	105.1	109.6	94.0	89.5	83.4
Fish	Mar. 1983=100	(NA)	(NA)	100.5	108.7	104.7	114.7	129.0
Grain and grain preparations	Mar. 1980=100	93.9	93.4	103.5	96.5	98.7	103.6	106.2
Wheat	Mar. 1980=100	92.3	87.3	91.1	89.5	80.5	88.2	85.4
Rice	Dec. 1983=100	(NA)	(NA)	(NA)	94.8	91.1	57.5	52.2
Barley, f.o.b.	Mar. 1980=100	94.2	100.0	89.5	108.2	83.3	61.5	72.0
Corn, yellow, f.o.b.	Mar. 1980=100	95.6	100.0	115.4	125.8	99.8	91.3	69.2
Yellow sorghum, f.o.b.	Mar. 1980=100	97.0	97.9	117.2	114.4	92.5	84.0	67.6
Fruits and vegetables	Mar. 1983=100	(NA)	(NA)	105.8	126.9	120.2	125.8	130.8
Feed stuff for animals	Mar. 1983=100	(NA)	(NA)	100.6	98.8	98.6	85.5	93.7
Miscellaneous food products	Mar. 1983=100	(NA)	(NA)	101.1	110.6	109.2	104.7	110.0
Beverages and tobacco	June 1983=100	(NA)	(NA)	100.0	101.9	100.1	96.5	104.0
Beverages	Sept. 1983=100	(NA)	(NA)	(NA)	102.9	105.3	103.0	104.8
Tobacco and tobacco products	June 1983=100	(NA)	(NA)	100.0	101.8	99.6	95.9	104.0
Crude materials	June 1983=100	(NA)	(NA)	100.0	118.3	96.8	95.6	106.4
Raw hides and skins	June 1980=100	100.0	116.7	118.2	154.7	126.2	146.9	191.2
Oilseeds and oleaginous fruit	Sept. 1977=100	74.0	77.0	75.0	104.3	71.2	85.9	68.6
Crude rubber, f.a.s. <sup>1</sup>	Sept. 1983=100	(NA)	(NA)	(NA)	106.0	106.3	106.1	111.8
Wood	June 1977=100	156.8	135.4	127.1	129.4	125.7	128.7	146.2
Pulp and waste paper	June 1983=100	(NA)	(NA)	100.0	122.1	96.1	109.7	138.7
Textile fibers	June 1977=100	112.9	106.1	111.9	125.6	105.8	98.6	115.0
Cotton	June 1977=100	112.6	96.3	105.8	123.3	95.0	86.7	105.9
Raw cotton	June 1977=100	131.7	151.1	145.0	147.7	167.9	166.1	155.1
Crude minerals and fertilizers	June 1977=100	130.9	131.9	115.5	114.5	112.3	113.7	110.9
Crude fertilizers	June 1977=100	137.1	151.1	145.0	147.7	167.9	166.1	155.1
Metal ores and scrap	Sept. 1983=100	(NA)	(NA)	(NA)	98.5	92.0	80.5	90.7
Scrap metal (iron or steel) f.a.s. <sup>1</sup>	June 1977=100	137.1	103.6	106.3	124.5	110.8	106.2	106.6
Crude and concentrates of base metals, n.e.s. <sup>1</sup> , f.a.s. <sup>1</sup>	Sept. 1983=100	(NA)	(NA)	(NA)	98.0	88.0	67.5	62.8
Nonferrous base metal waste and scrap, n.e.s. <sup>1</sup> , f.a.s. <sup>1</sup>	Mar. 1983=100	(NA)	(NA)	116.5	118.4	96.9	100.5	128.9
Fuels and related products	Sept. 1983=100	(NA)	(NA)	(NA)	99.7	99.2	86.7	84.4
Bituminous coal, f.a.s. <sup>1</sup>	June 1981=100	(NA)	105.0	90.3	87.3	84.8	79.3	74.6
Lubricating oils, f.a.s. <sup>1</sup>	Sept. 1983=100	(NA)	(NA)	(NA)	102.1	100.9	84.6	87.1
Petroleum coke, tars, and mineral waxes	Dec. 1983=100	(NA)	(NA)	(NA)	103.5	110.6	94.0	97.8
Natural gas, f.a.s. <sup>1</sup>	Sept. 1983=100	(NA)	(NA)	(NA)	100.4	96.4	81.3	(NA)
Fats and oils	June 1983=100	112.6	112.6	100.0	164.5	144.5	67.5	93.7
Vegetable oils	June 1983=100	(NA)	(NA)	100.0	176.4	164.8	95.3	94.7
Chemicals and related products	Mar. 1983=100	(NA)	(NA)	96.4	99.7	96.8	95.4	103.1
Organic chemicals	Dec. 1983=100	(NA)	(NA)	(NA)	101.0	98.5	89.3	114.3
Hydrocarbons, n.e.s. <sup>1</sup> , and derivatives f.a.s. <sup>1</sup>	Dec. 1978=100	178.5	154.0	146.2	149.1	135.1	111.2	195.9
Alcohols, phenols, phenol-alcohols, and derivatives, f.a.s. <sup>1</sup>	June 1977=100	151.4	144.2	136.5	138.0	133.9	130.0	147.0
Carboxylic acids, f.a.s. <sup>1</sup>	June 1977=100	151.2	150.6	144.3	155.8	151.6	143.7	151.3
Fertilizers, manufactured	Mar. 1983=100	(NA)	(NA)	98.9	96.9	87.9	84.0	80.4
Pesticides, starches, glue, gas and oil additives, chemical materials and products, n.e.s. <sup>1</sup>	Mar. 1984=100	(NA)	(NA)	(NA)	100.2	102.5	105.1	101.9
Intermediate manufactured products	Sept. 1981=100	(NA)	97.7	100.4	101.3	99.2	101.2	106.8
Leather and fur skins	Sept. 1979=100	80.4	69.7	67.2	81.2	79.2	82.5	101.1
Rubber manufactures	June 1977=100	123.4	146.2	144.8	147.5	149.0	150.0	153.9
Paper and paperboard products	June 1978=100	130.4	139.5	135.8	154.7	151.6	158.7	177.7
Textiles								
Woven man-made fabric, f.a.s. <sup>1</sup>	Dec. 1978=100	110.7	133.3	134.7	141.3	140.6	141.3	146.2
Non-metallic mineral manufactures:								
Glassware	June 1977=100	137.2	169.4	183.5	188.0	198.6	204.9	212.3
Iron and steel	Mar. 1982=100	(NA)	100.5	95.9	96.1	95.3	99.4	101.5
Non-ferrous metals	Sept. 1981=100	(NA)	85.4	102.8	92.9	78.3	78.1	90.2
Metal manufactures, n.e.s. <sup>1</sup>	Mar. 1982=100	(NA)	101.5	104.5	105.2	105.2	105.5	106.6
Machinery and transport equipment <sup>2</sup>	Dec. 1978=100	112.8	132.6	135.3	139.4	142.9	144.2	146.8
Power generating machinery <sup>3</sup>	Dec. 1978=100	118.6	148.0	152.5	156.8	167.4	169.2	172.8
Internal combustion piston engines, parts	June 1978=100	122.0	151.5	159.7	165.7	166.6	167.9	171.0
Electric motors, generators, and other rotating plant, f.o.b., factory	June 1977=100	130.4	148.0	147.8	147.7	155.9	157.8	162.6
Machinery specialized for particular industries	Sept. 1978=100	119.8	145.9	148.9	152.8	155.7	154.7	158.0
Agricultural machinery and parts <sup>4</sup>	Sept. 1978=100	113.2	135.0	145.9	152.2	155.2	156.3	156.6
Tractors, <sup>5</sup> f.o.b., factory	June 1977=100	136.9	158.4	153.9	167.4	170.2	(NA)	(NA)
Civil engineering and contractors, plant and equipment <sup>6</sup>	June 1977=100	134.6	176.0	169.6	173.2	174.6	172.8	172.1
Metalworking machinery	June 1978=100	120.8	146.1	148.4	151.2	155.1	158.9	165.8
General industrial machines, parts, n.e.s. <sup>1</sup>	Sept. 1978=100	117.3	142.6	145.0	149.0	150.2	153.3	157.8
Office machines <sup>7</sup>	June 1977=100	100.7	105.0	103.6	101.0	100.0	99.2	96.0
Telecommunications <sup>8</sup>	June 1977=100	117.8	128.2	131.1	132.3	133.3	137.0	140.8
Electrical machinery, equipment	June 1977=100	100.3	108.6	108.5	112.6	116.1	114.2	117.3
Road vehicles and parts	Mar. 1980=100	103.3	121.2	125.6	131.2	133.9	136.4	138.5
Other transport equipment <sup>9</sup>	June 1977=100	127.8	166.5	175.8	187.7	196.9	206.8	214.7

NA Not available. <sup>1</sup> F.a.s.=free alongside ship. N.e.s.=not elsewhere specified. <sup>2</sup> Includes military and commercial aircraft. <sup>3</sup> Includes equipment. <sup>4</sup> Excludes tractors. <sup>5</sup> Tractors are fitted with or without power take-offs, winches or pulleys. <sup>6</sup> Includes parts. <sup>7</sup> Includes data processing equipment. <sup>8</sup> Includes sound recording and reproducing equipment.

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



NO. 747. SELECTED MINERAL PRODUCTS—AVERAGE PRICES: 1973 TO 1986

[Represents average price except as noted. Excludes Alaska and Hawaii, except as noted. See *Historical Statistics, Colonial Times to 1970*, series M96, 139, 148, 209, 248, and 262]

MINERAL	Unit	1973	1975	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986, prel.
Aluminum <sup>1</sup>	Cents/lb	25.3	39.8	51.6	54.0	61.0	71.6	76.0	76.0	77.8	81.0	81.0	81.0
Bituminous coal <sup>2</sup>	Dol./sh. ton	8.53	19.23	19.82	21.78	23.85	24.52	26.29	27.14	25.85	25.51	25.10	24.50
Cobalt <sup>4</sup>	Dol./lb	3.00	3.98	5.58	6.40	24.58	25.00	14.58	8.56	5.76	10.40	11.43	7.49
Copper, electrolytic	Cents/lb	59.5	64.2	66.8	66.5	93.3	101.3	84.2	72.8	76.5	66.8	67.0	66.1
Gold	Dol./fine oz.	98	161	148	194	308	613	460	376	424	361	318	368
Lead (NY)	Cents/lb	16.3	21.5	30.7	33.7	52.6	42.5	36.5	25.5	21.7	25.6	19.1	22.1
Natural gas <sup>5</sup>	Dol./1,000 cu. ft.	.22	.45	.79	.91	1.18	1.59	1.98	2.46	2.59	2.66	2.51	1.87
Nickel <sup>7</sup>	Dol./lb	1.53	2.20	2.41	2.10	3.20	2.85	2.65	2.24	2.20	2.22	2.26	1.86
Petroleum, crude <sup>8</sup>	Dol./bbl	3.89	7.67	8.57	9.00	12.64	21.59	31.77	28.52	26.19	25.88	24.09	12.86
Platinum <sup>9</sup>	Dol./troy oz	150	164	162	237	352	439	475	475	475	475	475	519
Silver	Dol./fine oz.	2.56	4.42	4.62	5.40	11.09	20.63	10.52	7.95	11.44	8.14	6.14	5.47
Tungsten concentrate <sup>9</sup>	Dol./lb	2.71	5.30	9.15	8.22	8.40	8.38	7.96	6.35	4.70	5.18	4.22	3.21
Zinc <sup>10</sup>	Cents/lb	20.7	39.0	34.4	31.0	37.3	44.6	44.6	38.5	41.4	48.6	40.4	38.0

<sup>1</sup> 99.5 percent primary aluminum ingot. <sup>2</sup> Average value at point of production; includes Alaska. Source: U.S. Energy Information Administration, *Annual Energy Review* and *Monthly Energy Review*. <sup>3</sup> Includes subbituminous coal and lignite. <sup>4</sup> Weighted average based on the market price quoted by a major U.S. cobalt dealer, otherwise based on range of prices. <sup>5</sup> Represents low price for year. Price ranged from low 6.40 lb. to 20.00 per lb. <sup>6</sup> Average value of marketed production. <sup>7</sup> 1973-1979, peak price quoted U.S. buyers by International Nickel Co., Inc., for electrolytic nickel, includes U.S. duty f.o.b. Port Colborne, Ontario; thereafter, from New York dealer. <sup>8</sup> Producer prices. <sup>9</sup> Average value of shipments. <sup>10</sup> Delivered price.

Source: 1973 compiled from *Metals Week* (copyright); *Producer Prices and Price Indexes* (U.S. Bureau of Labor Statistics), *Minerals Yearbook* and *Mineral Commodity Summaries* (U.S. Bureau of Mines); thereafter, except as noted, *Minerals Yearbook*.

NO. 748. COMMODITY RESEARCH BUREAU FUTURES PRICE INDEX: 1974 TO 1986

[1967 = 100. Index computed daily. Represents unweighted geometric average of commodity futures prices (through 12 months forward) of 27 major commodity futures markets. Represents end of year index]

ITEM	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986
All commodities	203.5	191.0	204.7	200.3	227.6	281.5	308.5	254.9	234.0	277.6	244.2	229.2	209.1
Imported	274.1	259.4	348.1	334.8	345.0	425.3	428.0	357.0	269.0	326.0	291.7	398.2	321.2
Industrial	132.1	154.8	173.6	175.0	222.1	354.8	324.5	249.2	249.9	249.0	217.0	211.7	210.4
Grains	240.2	195.6	192.5	179.0	187.8	251.9	312.1	251.3	215.1	249.6	224.9	198.7	164.6
Oilseeds	289.2	181.6	229.7	208.6	240.6	258.1	314.6	271.0	226.9	316.6	273.5	245.4	189.8
Livestock and meats	175.2	180.8	162.5	166.9	196.4	195.0	217.4	195.3	219.9	229.7	240.8	206.9	200.2
Metals (precious) <sup>1</sup>	(NA)	141.0	148.5	183.8	230.4	658.0	531.4	319.7	366.0	328.5	243.3	256.6	296.6

NA Not available. <sup>1</sup> Prior to 1979, index for metals only.

Source: Commodity Research Bureau, Inc. (CRB), New York City, NY, *CRB Commodity Index Report*, weekly. (Copyright.)

NO. 749. FOOD PRICES—FARM VALUE AND RETAIL PRICE FOR SELECTED ITEMS: 1975 TO 1986

[In dollars per retail unit indicated. The farm value is the payment to farmers for the quantity of farm products equivalent to the unit sold at retail minus imputed value of byproducts. Because of losses from processing, waste, and spoilage, the farm value represents larger quantities than the retail unit]

FOOD ITEM	Unit	FARM VALUE					RETAIL PRICE				
		1975	1980	1984	1985	1986	1975	1980	1984	1985	1986
Beef, choice	Lb	.99	1.45	1.40	1.27	1.24	1.55	2.38	2.40	2.33	2.31
Pork	Lb	.80	.83	.77	.71	.82	1.35	1.40	1.62	1.62	1.78
Broilers	Lb	.37	.39	.44	.40	.46	.63	.73	.81	.76	.84
Eggs, grade A	Doz	.51	.51	.66	.52	.54	.77	.84	1.01	.80	.87
Milk, sold in stores	1/2 gal	.41	.56	.58	.56	.55	.79	1.05	1.13	1.13	1.11
Bread, white <sup>1</sup>	Lb	.07	.05	.05	.05	.04	.41	.51	.54	.55	.57
Potatoes, Northeast white round	10 lb	(NA)	.82	.68	.37	.50	(NA)	1.80	1.91	1.60	1.56
Oranges, California	Lb	(NA)	.05	.17	.12	.08	(NA)	.36	.50	.53	.48
Lettuce, California <sup>2</sup>	Lb	(NA)	.05	.04	.07	.06	(NA)	.46	.50	.53	.54
Orange juice, frozen	12 oz	(NA)	.36	.49	.62	.39	(NA)	.88	1.22	1.32	1.07
Tomatoes, California <sup>3</sup>	Lb	(NA)	.05	.05	.05	.05	(NA)	.42	.53	.52	.51

NA Not available. <sup>1</sup> Beginning 1980, farm value includes value for wheat, fard, soybean oil, high fructose corn syrup, and soy-whey blend. <sup>2</sup> Farm value represents value in the field. Harvesting and packing, a contract operation, appears as processing or packing cost. <sup>3</sup> Whole canned tomatoes.

Source: U.S. Dept. of Agriculture, Economic Research Service, *Food Cost Review*, 1986.

### No. 750. RETAIL CONSUMER PRICE INDEXES OF FOOD—SELECTED AREAS: 1970 TO 1986

[1967 = 100. See headnote, table 741 and text, section 15 regarding SMSA's]

CITY/SMSA	1970	1975	1979	1980	1981	1982	1983	1984	1985	1986
<b>Total food<sup>1</sup></b>	<b>114.9</b>	<b>175.4</b>	<b>234.5</b>	<b>254.6</b>	<b>274.6</b>	<b>285.7</b>	<b>291.7</b>	<b>302.9</b>	<b>309.8</b>	<b>319.7</b>
Anchorage, AK	(NA)	167.6	227.2	242.2	253.6	260.4	266.8	275.8	284.3	296.5
Atlanta, GA	114.8	181.8	238.2	257.3	279.8	291.6	299.8	310.3	319.0	334.6
Baltimore, MD	117.4	178.2	235.8	254.9	272.4	279.0	287.4	300.7	309.8	324.2
Boston, MA	114.9	175.2	229.0	245.3	259.7	265.4	271.7	286.1	297.8	311.3
Buffalo, NY	116.2	173.6	226.8	246.1	267.6	276.5	283.0	291.0	300.4	307.9
Chicago, IL-Northwestern IN	115.4	175.1	236.8	258.2	273.1	279.5	281.2	288.6	294.8	307.9
Cincinnati, OH-KY-IN	114.9	177.4	244.4	265.3	286.8	299.5	306.7	321.9	324.4	332.4
Cleveland, OH	117.5	175.8	238.3	254.2	276.3	285.9	296.4	309.1	315.6	319.5
Dallas-Ft. Worth, TX	114.8	172.5	235.8	257.7	278.3	289.2	300.0	314.2	322.1	334.1
Denver-Boulder, CO	(NA)	171.4	230.1	238.0	258.0	265.5	274.5	288.2	293.2	295.1
Detroit, MI	115.2	171.6	226.5	245.2	264.2	274.3	273.7	279.6	284.4	295.4
Honolulu, HI	114.1	176.7	239.8	259.9	265.8	298.8	306.7	319.7	332.2	339.0
Houston, TX	115.5	181.2	248.3	270.6	296.6	311.1	320.1	336.7	339.0	346.6
Kansas City, MO-KS	116.1	177.8	239.2	259.8	275.3	282.4	286.7	298.8	306.3	316.1
Los Angeles-Long Beach-Anaheim, CA	112.2	170.1	229.5	248.7	268.7	281.9	291.3	300.0	307.0	315.8
Miami, FL <sup>2</sup>	(NA)	(NA)	121.3	130.6	140.9	149.4	153.6	160.2	161.3	165.3
Milwaukee, WI	113.1	171.9	234.9	250.7	273.5	283.5	287.0	294.4	305.3	310.7
Minneapolis-St. Paul, MN-WI	116.5	178.9	244.4	264.8	280.4	291.6	300.1	313.6	321.0	329.1
New York, NY-Northeast, NJ	117.9	178.6	232.6	253.9	276.9	290.8	295.2	309.4	320.3	334.8
Northeast, PA	115.7	172.9	228.1	246.1	264.5	273.7	277.9	289.6	298.3	308.9
Philadelphia, PA-NJ	115.8	179.6	239.7	259.1	278.7	294.1	300.7	308.2	316.0	324.1
Pittsburgh, PA	115.6	177.4	233.5	254.5	274.1	285.9	294.6	293.8	297.0	305.1
Portland, OR-WA	110.9	168.4	233.6	250.3	269.9	284.2	291.6	302.5	309.9	316.8
St. Louis, MO-IL	115.4	174.3	234.7	252.3	270.9	281.2	288.7	298.7	308.1	317.9
San Diego, CA	113.6	173.7	236.0	257.8	276.6	291.1	308.6	322.8	329.4	341.6
San Francisco-Oakland, CA	112.5	171.2	233.1	250.4	269.5	286.2	292.7	308.8	312.8	323.2
Seattle-Everett, WA	113.5	169.6	225.4	243.2	263.7	283.4	287.8	292.2	296.9	307.1
Washington, DC-MD-VA	117.3	180.7	245.7	264.1	277.7	291.4	299.0	308.7	317.9	329.4

NA Not available. <sup>1</sup> 1970 and 1975 based on 56 areas; beginning 1979, 85 areas. Excludes Portland, Oregon through 1975.

<sup>2</sup> November 1977 = 100.

Source: U.S. Bureau of Labor Statistics, *CPI Detailed Report*, January issues.

### No. 751. WEEKLY FOOD COST FOR FAMILIES, BY TYPE OF FAMILY: 1975 TO 1987

[In dollars. As of December, except as indicated. Based on moderate-cost food plan; assumes all meals are eaten at home or taken from home]

URBAN FAMILY TYPE	1975	1979	1980	1981	1982	1983	1984	1985	1986	1987	
										Jan.	May
Couple, 20-54 years old <sup>1</sup>	37.10	47.50	52.00	53.40	54.80	54.70	56.50	58.30	60.40	61.30	62.40
Couple, 55 years and over <sup>1</sup>	32.40	41.80	45.90	47.10	48.10	52.00	53.90	55.70	57.80	58.70	59.80
Couple with children:											
1 child, 1-5 years old.....	44.90	57.30	62.90	64.70	66.00	66.90	69.20	71.30	73.90	75.00	76.30
1 child, 15-19 years old.....	53.50	68.00	74.80	76.80	78.50	77.80	80.50	83.00	85.80	87.10	88.70
2 children, 1-5 years old.....	51.80	65.90	72.60	74.70	76.20	77.80	80.50	82.80	85.80	87.10	88.70
2 children, 6-11 years old.....	63.00	79.90	88.10	90.70	92.60	93.50	97.10	99.80	103.30	104.70	106.80
2 children, 12-19 years old.....	67.20	85.20	93.80	96.50	98.60	98.00	101.60	104.60	108.20	109.80	111.80

<sup>1</sup> Beginning 1983, costs based on revised food plans with age groups 20-50 years old and 51 years old and over.

Source: U.S. Dept. of Agriculture, Human Nutrition Information Service. 1975, *Food and Home Notes*, weekly; thereafter, *News Feature*, weekly.

### No. 752. SELECTED AGRICULTURAL COMMODITY PRICES RECEIVED BY FARMERS: 1981 TO 1986

[Minus sign (-) indicates decrease]

COMMODITY	Unit	PRICE						PERCENT CHANGE				
		1981	1982	1983	1984	1985	1986	1981-1982	1982-1983	1983-1984	1984-1985	1985-1986
American cheese.....	Cents per lb.	139.4	138.3	138.3	138.0	127.7	127.3	-8	-	-2	-7.5	-3
Beef.....	Dol. per 100 lb.	58.60	58.70	55.90	57.30	53.70	52.80	-3	-2.1	3.2	-6.3	-2.0
Broilers.....	Cents per lb.	28.4	28.9	28.6	33.7	30.1	34.5	-5.9	6.3	17.8	-10.7	14.6
Calves.....	Dol. per 100 lb.	64.00	59.80	61.70	59.90	62.10	61.10	-6.6	3.2	-2.9	3.7	-1.6
Eggs.....	Cents per doz.	63.1	59.5	61.1	72.3	57.1	61.6	-5.7	2.7	18.3	-21.0	7.9
Hogs and pigs.....	Dol. per 100 lb.	43.90	52.30	46.80	47.10	44.00	49.30	19.1	-10.5	6	-6.6	12.0
Rice, rough.....	Dol. per 100 lb.	9.05	8.11	8.76	8.06	6.62	9.33	-10.4	8.0	-8.0	-17.9	-40.6
Sheep and lambs.....	Dol. per 100 lb.	76.10	72.60	69.60	76.50	91.60	94.60	-4.6	-4.1	9.9	19.7	3.3
Turkeys.....	Cents per lb.	38.2	39.5	38.0	48.9	49.1	47.1	3.4	-3.8	28.7	4	-4.1
Wheat.....	Dol. per bu.	3.86	3.55	3.53	3.38	3.15	2.34	-3.0	-6	-4.2	-6.8	-25.7
Whole milk <sup>2</sup> .....	Cents per qt.	48.3	48.1	48.4	49.2	48.7	48.4	-4	6	1.7	-1.0	-6

- Represents zero. <sup>1</sup> Marketing year average price. <sup>2</sup> Sold to consumers.

Source: U.S. Dept. of Agriculture, National Agricultural Statistics Service, *Field Crops* (Statistical Bulletin 708); *Agricultural Statistics*, annual; and *Agricultural Outlook*, monthly. Also, *Meat Animals—Production, Disposition, and Income*, annual; and annual livestock summaries. *Milk Production, Disposition, and Income*, annual; and *Poultry—Production, Disposition, and Income*; and *Turkeys*.

## NO. 753. SEAFOOD PRICES: 1970 TO 1984

[Cents per pound. Live weight. 1979-1984 data are preliminary. Based on prices received by fishermen and vessel owners. See also *Historical Statistics, Colonial Times to 1970*, series L 321-337]

SPECIES	1970	1975	1978	1979	1980	1981	1982	1983	1984
<b>Fish:</b>									
Cod.....	13.1	24.2	25.4	29.3	27.3	33.0	36.2	33.9	37.9
Flounder.....	15.3	34.9	50.5	47.2	42.4	57.9	56.7	54.0	96.5
Haddock.....	25.8	32.8	31.9	42.6	38.7	39.4	49.5	58.6	71.5
Menhaden.....	1.8	2.7	3.8	4.2	4.5	3.8	3.8	4.0	4.0
Ocean perch.....	4.9	10.3	17.1	21.0	23.0	28.3	27.4	26.6	28.8
Salmon, chinook.....	55.4	85.9	133.8	173.5	166.3	182.5	182.3	127.3	173.1
Salmon, coho.....	39.3	77.6	118.6	142.5	109.7	94.5	98.4	66.5	90.5
Tuna, albacore.....	26.7	33.3	60.6	64.7	80.1	91.0		61.6	62.3
<b>Shellfish:</b>									
Clams, soft.....	47.5	86.9	124.3	144.6	150.7	156.7	152.3	174.8	222.8
Crabs, blue, hard.....	6.6	15.7	20.5	19.1	20.3	23.4	32.2	29.1	28.0
Lobsters, American.....	94.7	161.5	177.1	180.3	189.7	206.6	221.8	233.1	252.2
Oysters, eastern.....	61.1	80.1	110.7	125.9	131.3	128.2	129.5	144.3	211.4
Sea scallops.....	135.6	188.8	253.5	340.3	404.2	406.8	384.2	570.0	560.3
Shrimp.....	47.6	107.0	130.6	185.4	149.0	152.4	206.2	216.2	173.2

Source: U.S. National Oceanic and Atmospheric Administration, *Prices Received by Fishermen*, H.S. No. 12 (C.F.S. No. 4657 Revised); *Fishery Statistics of the United States*, annual; and *Fisheries of the United States*, annual.

## NO. 754. MEDIAN PURCHASE PRICE OF EXISTING ONE-FAMILY HOUSES: 1980 TO 1986

[In thousands of dollars, except percent. Represents SMSA unless specified; see Appendix II. Minus sign (-) indicates decrease]

METROPOLITAN AREA	PRICE							AVERAGE ANNUAL PERCENT CHANGE	
	1980	1981	1982	1983	1984	1985	1986	1980-1985	1985-1986
Atlanta, GA.....	81.8	88.3	96.0	97.5	98.3	106.7	119.8	5.5	12.3
Baltimore, MD.....	69.5	82.5	76.6	79.6	84.5	101.4	123.7	7.9	22.0
Boston-Lawrence-Lowell, MA-NH SCSA.....	70.5	77.5	77.5	91.0	102.5	127.3	153.4	12.6	20.5
Chicago-Gary, IL-IN SCSA.....	78.0	80.9	87.6	92.8	90.7	98.7	113.3	4.8	14.8
Cleveland-Akron-Lorain, OH SCSA.....	63.8	73.4	75.1	73.3	73.2	73.8	84.4	3.0	14.4
Columbus, OH.....	65.7	82.8	78.8	77.7	72.7	79.4	85.1	3.9	7.2
Dallas, TX.....	89.4	107.4	97.2	104.5	109.2	124.1	130.5	6.8	5.2
Denver-Boulder, CO.....	80.0	79.8	85.4	119.3	115.3	131.6	152.7	10.5	16.0
Detroit-Ann Arbor, MI SCSA.....	67.9	77.3	85.0	73.8	75.3	78.4	82.0	2.9	4.6
Greensboro-Winston Salem-High Point, NC.....	63.6	64.5	70.1	74.6	70.6	82.4	88.7	5.3	7.6
Honolulu, HI.....	119.3	117.8	129.1	135.0	138.7	150.6	161.6	4.8	7.3
Houston-Galveston, TX SCSA.....	85.7	87.8	90.2	101.8	94.8	101.1	114.2	3.4	13.0
Indianapolis, IN.....	60.3	69.2	70.0	71.2	67.2	71.4	81.7	3.4	14.4
Kansas City, MO-KS.....	64.2	76.7	80.1	78.0	80.3	90.5	97.6	7.1	7.8
Los Angeles-Long Beach-Anaheim, CA SCSA.....	110.7	116.2	122.3	133.4	132.0	142.9	156.1	5.2	9.2
Louisville, KY-IN.....	56.5	61.0	59.1	61.9	61.1	70.0	73.1	3.7	4.4
Miami-Fort Lauderdale, FL SCSA.....	75.3	89.5	89.0	80.6	84.7	89.3	99.3	3.5	11.2
Milwaukee-Racine, WI SCSA.....	84.9	79.4	85.7	80.8	82.2	83.7	86.6	-3	5.9
Minneapolis-St. Paul, MN-WI.....	80.9	89.5	95.8	95.3	103.4	115.4	129.9	7.4	15.2
New York-Newark-Jersey City, NY-NJ-CT SCSA.....	93.8	97.1	102.7	114.6	126.5	139.4	158.0	8.3	13.3
Philadelphia-Wilmington-Trenton, PA-DE-NJ-MD SCSA.....	62.6	66.3	65.0	71.7	75.9	81.4	87.7	5.4	20.0
Pittsburgh, PA.....	92.7	103.8	91.3	97.2	101.4	116.8	130.3	4.7	11.7
Portland, OR-WA.....	64.6	59.2	66.8	68.0	67.7	72.5	81.9	2.3	13.0
Pittsburgh, PA.....	75.5	81.0	95.5	81.6	86.9	92.6	110.8	4.2	19.7
Rochester, NY.....	57.5	59.5	67.8	72.1	73.8	84.2	91.3	7.9	8.4
St. Louis, MO-IL.....	56.5	71.8	63.9	71.0	73.2	75.7	81.4	6.0	7.5
Salt Lake City-Ogden, UT.....	73.2	84.4	86.5	78.0	82.2	92.9	120.9	4.9	30.1
San Diego, CA.....	105.7	107.4	118.0	124.6	122.9	141.7	148.9	6.0	5.1
San Francisco-Oakland-San Jose, CA SCSA.....	122.9	130.8	137.6	144.2	143.4	154.9	167.5	4.7	8.1
Seattle-Tacoma, WA SCSA.....	82.2	86.9	94.8	96.1	97.8	102.7	123.5	4.6	20.3
Tampa-St. Petersburg, FL.....	64.0	75.0	83.8	76.4	78.1	79.1	88.1	4.3	11.4
Washington, DC-MD-VA.....	100.1	112.3	126.4	130.0	131.7	152.6	156.6	8.8	2.6

Source: Federal Home Loan Bank Board, *Savings and Home Financing Source Book*, annual.

**NO. 755. CONSUMER PRICE INDEXES OF RESIDENTIAL RENTS IN SELECTED SMSA'S: 1980 TO 1986**

[1967=100. Annual averages of monthly figures, except as indicated. Minus sign (-) indicates decrease. See Appendix III]

SMSA <sup>1</sup>	CONSUMER PRICE INDEX						PERCENT CHANGE					
	1980	1982	1983	1984	1985	1986	1980	1982	1983	1984	1985	1986
<b>Area pricing schedule 1:<sup>2</sup></b>												
Anchorage, AK (Oct. 1967=100).....	158.3	206.6	239.3	248.6	245.5	237.4	-1.7	22.2	15.8	3.9	-1.2	-3.3
Baltimore, MD.....	173.8	204.6	221.5	234.8	248.7	264.6	6.3	9.0	8.3	6.0	5.9	6.4
Boston, MA.....	198.8	245.5	262.0	277.3	299.5	321.8	8.6	10.3	6.7	5.8	8.0	7.4
Cincinnati, OH-KY-IN.....	169.1	191.8	200.2	208.3	217.4	228.1	9.0	4.5	4.4	4.3	4.1	4.9
Denver-Boulder, CO.....	166.8	228.5	244.0	255.5	282.4	295.9	10.7	11.5	6.8	4.7	2.7	1.3
Miami, FL.....	124.2	150.0	155.7	156.8	160.3	163.6	13.7	6.3	3.8	7	2.2	2.1
Milwaukee, WI.....	179.6	208.8	221.0	231.1	243.6	254.9	6.5	8.4	5.8	4.6	5.4	4.6
Northeast, PA.....	220.7	238.1	251.7	260.2	275.3	285.1	6.5	3.8	5.7	3.4	5.8	3.6
Portland, OR-WA.....	202.6	222.5	227.1	231.7	241.9	251.0	7.5	2.5	2.1	2.0	4.4	3.8
St. Louis, MO-IL.....	165.6	191.8	202.4	213.3	225.7	237.3	11.1	7.0	5.5	5.4	5.8	5.1
San Diego, CA.....	225.3	263.5	286.4	313.6	347.4	374.0	9.6	8.3	8.7	9.5	10.8	7.7
Seattle-Everett, WA.....	226.1	245.2	247.6	254.8	265.9	278.3	15.9	2.3	1.0	2.9	4.4	4.7
Washington, DC-MD-VA.....	197.2	233.8	251.2	266.3	287.6	305.1	8.8	8.5	7.4	6.0	6.0	6.1
<b>Area pricing schedule 2:<sup>3</sup></b>												
Atlanta, GA.....	168.2	199.9	214.2	226.4	245.0	262.1	10.4	6.1	7.2	5.7	8.2	7.0
Buffalo, NY.....	177.2	195.6	206.5	216.0	228.8	239.8	4.7	5.6	5.6	4.6	5.9	4.8
Cleveland, OH.....	170.9	190.5	199.8	207.7	218.6	229.4	7.6	6.0	4.9	4.0	4.2	4.9
Dallas-Fort Worth, TX.....	181.2	228.6	247.7	259.8	270.7	280.0	10.8	8.3	8.4	4.9	4.2	3.4
Honolulu, HI.....	206.1	240.7	253.0	269.0	281.9	297.3	10.0	7.1	5.1	8.3	4.8	5.5
Houston, TX.....	182.8	223.6	230.4	225.5	220.5	219.5	6.2	12.5	3.0	-2.1	-2.2	-5
Kansas City, MO-KS.....	160.3	187.2	199.2	212.7	226.9	235.4	7.4	7.6	6.4	6.8	6.7	4.7
Minneapolis-St. Paul, MN-WI.....	195.2	231.1	244.5	254.4	270.9	284.1	11.0	7.8	5.8	4.0	6.5	4.9
Pittsburgh, PA.....	185.3	211.6	226.3	231.0	243.4	257.2	6.6	6.6	5.7	3.3	5.4	5.7
San Francisco-Oakland, CA.....	214.3	258.8	284.4	308.3	333.3	361.1	12.6	9.8	9.9	8.4	8.1	8.3

<sup>1</sup> See headnote, table 741 and text, section 15.

<sup>2</sup> Collected in odd months.

<sup>3</sup> Collected in even months.

**NO. 756. CONSUMER PRICE INDEXES OF FUELS AND UTILITIES: 1970 TO 1986**

 [1967=100. Represents all urban consumers. Annual averages for cities combined. See text, section 15. See also *Historical Statistics, Colonial Times to 1970*, series E 203-211]

ITEM	1970	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
<b>Consumer price index, all items.....</b>											
Fuels and other utilities.....	116.3	161.2	195.4	217.4	246.8	272.4	289.1	298.4	311.1	322.2	328.4
Gas (piped) and electricity.....	107.6	167.8	216.0	239.3	278.6	319.2	350.8	370.3	387.3	393.6	384.7
Utility (piped) gas.....	107.3	169.6	232.6	257.8	301.8	345.9	393.8	428.7	445.2	452.7	446.7
Gasoline, regular and premium.....	108.5	172.5	263.1	305.3	363.9	414.9	497.2	580.1	584.4	580.4	552.0
Electricity (composite).....	105.6	170.8	196.3	265.6	369.1	410.9	389.3	376.3	370.2	373.3	381.4
Fuel oil, coal, and bottled gas.....	106.2	167.0	203.4	219.1	253.4	291.5	320.3	330.6	351.8	364.1	369.0
Fuel oil No. 2.....	110.1	235.3	298.3	403.1	556.0	675.9	667.9	628.0	641.8	619.5	501.5
Telephone services, residential.....	109.3	230.6	296.9	416.8	579.7	709.2	693.9	637.7	651.0	625.0	489.6
Water and sewer service, residential.....	102.5	125.3	132.8	132.4	135.7	147.7	162.8	173.3	187.8	195.1	204.6
	120.4	169.9	232.6	243.3	259.8	290.9	325.5	352.6	375.8	398.3	419.6

 Source of tables 755 and 756: U.S. Bureau of Labor Statistics, *CPI Detailed Report*, January issues.

**NO. 757. AVERAGE PRICE OF RESIDENTIAL UTILITY (PIPED) GAS, ELECTRICITY, AND FUEL OIL NO. 2 IN SELECTED AREAS: 1985 AND 1986**

[In dollars per unit shown. One therm contains approximately 100 cubic feet of natural gas. As of January. See Appendix III]

STANDARD METROPOLITAN STATISTICAL AREA	UTILITY (PIPED) GAS (100 therms)		ELECTRICITY (500 kWh)		FUEL OIL No. 2 (gallon)		STANDARD METROPOLITAN STATISTICAL AREA		UTILITY (PIPED) GAS (100 therms)		ELECTRICITY (500 kWh)		FUEL OIL No. 2 (gallon)	
	1985	1986	1985	1986	1985	1986	1985	1986	1985	1986	1985	1986	1985	1986
<b>U.S. city average<sup>1</sup></b> .....	<b>61.88</b>	<b>58.70</b>	<b>40.12</b>	<b>40.88</b>	<b>1.075</b>	<b>.835</b>	<b>L.A., Long Beach-Anaheim</b> .....	64.95	65.72	40.08	43.17	(NA)	(NA)	(NA)
Anchorage.....	31.51	34.90	36.11	36.29	1.115	.954	Miami.....	67.88	58.73	48.07	45.43	(NA)	(NA)	821
Atlanta.....	83.67	83.88	34.59	36.17	1.084	.759	Milwaukee.....	67.08	64.06	37.09	37.78	.897	.897	828
Baltimore.....	65.40	65.10	41.68	41.60	1.082	.874	Minn.-St. Paul.....	59.28	53.33	34.32	36.32	1.056	1.056	895
Boston.....	74.65	70.67	42.36	43.28	1.120	.831	New York.....	81.23	79.01	64.85	63.65	1.127	1.127	895
Buffalo.....	64.22	49.45	50.92	52.82	1.132	.885	Northeast PA.....	71.94	66.78	41.69	44.64	1.005	1.005	767
Chicago.....	58.45	55.16	37.49	37.36	1.052	.807	Philadelphia.....	73.69	70.84	46.76	52.12	1.082	1.082	859
Cincinnati.....	52.67	51.11	46.10	46.76	1.083	.884	Pittsburgh.....	61.58	60.06	40.87	42.36	.972	.972	730
Cleveland.....	54.25	51.22	41.06	39.64	(NA)	(NA)	Portland, OR.....	65.79	62.43	24.06	24.54	1.007	1.007	708
Dallas <sup>2</sup> .....	49.77	45.49	41.75	38.81	(NA)	(NA)	St. Louis.....	60.56	53.94	36.50	41.30	1.029	1.029	737
Denver-Boulder.....	54.25	51.22	41.06	39.64	(NA)	(NA)	San Diego.....	69.67	64.94	64.41	58.63	(NA)	(NA)	809
Detroit.....	63.87	58.20	41.79	45.65	1.090	.925	San Francisco-Oakland.....	60.01	35.05	40.67	39.83	(NA)	(NA)	809
Honolulu <sup>3</sup> .....	149.94	129.81	42.65	42.65	(NA)	(NA)	Seattle-Everett.....	65.58	57.08	21.19	16.92	1.143	1.143	809
Houston.....	49.39	42.17	42.33	38.24	(NA)	(NA)	Wash., DC.....	73.90	71.05	36.50	38.92	1.149	1.149	903
Kansas City.....	45.73	41.73	36.72	36.32	(NA)	(NA)								

NA Not available.

<sup>1</sup> Excludes Honolulu.

<sup>2</sup> Includes Ft. Worth.

<sup>3</sup> Prices are for synthetic natural gas and propane only.

 Source: U.S. Bureau of Labor Statistics, *CPI Detailed Report*, monthly.

**NO. 758. AVERAGE MONTHLY RESIDENTIAL, COMMERCIAL, AND INDUSTRIAL BILLS FOR ELECTRICITY: 1980 TO 1986**

[In dollars. As of January 1. Represents composite averages, derived using census data; for 1980 data, the 1970 census was used; thereafter, 1980 Census was used. Residential, for cities of 2,500 or more population; commercial and industrial, for 455 large cities in United States and Puerto Rico. kW=Kilowatts; kWh=Kilowatt-hours. See source for coverage detail]

ITEM	1980	1984	1985	1986, prel.	ITEM	1980	1984	1985	1986, prel.
<b>RESIDENTIAL</b>					<b>COMMERCIAL—Con.</b>				
<b>Average bill, dollars:</b>					<b>Average bill, cents per kWh:</b>				
500 kWh.....	27.80	40.18	41.86	42.54	6 kW, 750 kWh.....	7.5	10.0	10.7	10.5
750 kWh.....	36.94	54.76	57.88	58.79	12 kW, 1,500 kWh.....	7.6	10.3	10.9	10.8
1,000 kWh.....	48.79	72.77	76.37	77.50	30 kW, 6,000 kWh.....	6.4	8.9	9.6	9.4
<b>Average bill, cents per kWh:</b>					40 kW, 10,000 kWh.....	5.9	8.3	8.9	8.7
500 kWh.....	5.6	8.0	8.4	8.5	<b>INDUSTRIAL</b>				
750 kWh.....	4.9	7.3	7.7	7.8	<b>Average bill, dollars:</b>				
1,000 kWh.....	4.9	7.3	7.6	7.8	150 kW, 30,000 kWh.....	1,757	2,500	2,732	2,656
<b>COMMERCIAL</b>					300 kW, 60,000 kWh.....	3,431	4,891	5,353	5,208
<b>Average bill, dollars:</b>					1,000 kW, 200,000 kWh.....	10,910	15,769	17,012	16,652
6 kW, 750 kWh.....	57	75	80	78	<b>Average bill, cents per kWh:</b>				
12 kW, 1,500 kWh.....	114	154	163	163	150 kW, 30,000 kWh.....	5.9	8.3	9.1	8.9
30 kW, 6,000 kWh.....	385	534	576	581	300 kW, 60,000 kWh.....	5.7	8.2	8.9	8.7
40 kW, 10,000 kWh.....	590	825	893	869	1,000 kW, 200,000 kWh.....	5.5	7.9	8.5	8.3

**NO. 759. NET MONTHLY RESIDENTIAL ELECTRIC BILLS (RANGE OF LOWEST TO HIGHEST) FOR 750 KILOWATT-HOURS USE, 1970 TO 1986, AND BY STATE, 1986**

[In dollars. Based on rates as of January 1 for communities of 2,500 inhabitants or more. Beginning 1980, bill does not include water heating usage. For composition of regions, see fig. 1, inside front cover]

YEAR, REGION, DIVISION, AND STATE	Low-est bill	High-est bill	DIVISION AND STATE	Low-est bill	High-est bill	DIVISION AND STATE	Low-est bill	High-est bill
1970.....	5.83	34.00	<b>E. No. Cent.:</b>			<b>E. So. Cent.:</b>		
1975.....	8.75	59.09	OH.....	32.07	71.68	KY.....	33.24	53.96
1979.....	7.02	78.26	IN.....	35.69	80.03	TN.....	33.91	41.38
1980.....	7.92	92.79	IL.....	39.50	75.30	AL.....	34.84	55.53
1981.....	8.73	105.86	MI.....	27.50	71.85	MS.....	36.51	63.25
1982.....	8.25	119.53	WI.....	30.73	52.22	<b>W. So. Cent.:</b>		
1983.....	8.25	117.03	<b>W. No. Cent.:</b>			AR.....	30.45	61.37
1984.....	8.25	117.03	MN.....	22.68	58.38	LA.....	31.25	88.02
1985.....	13.75	115.15	IA.....	28.25	86.19	OK.....	33.78	76.72
1986, U.S.....	13.35	117.22	MO.....	25.73	64.82	TX.....	24.48	79.54
<b>Region:</b>			ND.....	29.10	51.64	<b>Mt.:</b>		
Northeast.....	13.65	117.22	SD.....	23.63	70.15	MT.....	29.25	58.49
Midwest.....	22.68	93.03	NE.....	29.45	56.15	ID.....	27.80	41.43
South.....	24.48	88.02	KS.....	33.26	93.03	WY.....	30.00	50.61
West.....	13.35	109.56	<b>So. Atl.:</b>			CO.....	23.75	64.88
<b>N. Eng.:</b>			DE.....	50.56	73.82	NM.....	44.64	72.48
ME.....	42.86	68.06	MD.....	41.78	69.95	AZ.....	28.35	83.82
NH.....	51.99	67.43	DC.....	42.85	42.85	UT.....	24.46	67.61
VT.....	41.30	69.85	VA.....	36.04	57.50	NV.....	23.75	66.91
MA.....	40.50	83.98	WV.....	37.79	54.17	<b>Pac.:</b>		
RI.....	60.25	73.41	NC.....	43.61	71.64	WA.....	13.35	40.83
CT.....	59.62	77.27	SC.....	40.45	66.35	OR.....	17.75	39.93
<b>Mid. Atl.:</b>			GA.....	29.00	64.75	CA.....	31.35	74.98
NY.....	13.65	117.22	FL.....	39.45	87.27	AK.....	28.70	75.70
NJ.....	54.12	87.03				HI.....	75.19	109.56
PA.....	25.50	76.68						

Source of tables 758 and 759: Through 1975, U.S. Federal Power Commission, *Typical Electric Bills*, annual; thereafter, U.S. Energy Information Administration, *Typical Electric Bills* and unpublished data.

**NO. 760. AVERAGE PRICES OF SELECTED FUELS AND ELECTRICITY: 1973 TO 1986**

[In dollars per unit, except electricity, in cents per kWh. Represents price to end-users, except as noted]

ITEM	Unit <sup>1</sup>	1973	1975	1978	1979	1980	1981	1982	1983	1984	1985	1986
Crude oil, composite <sup>2</sup> .....	Barrel.....	4.15	10.38	12.46	17.72	28.07	35.24	31.87	28.99	28.63	26.75	14.55
Motor gasoline: <sup>3</sup>												
Leaded regular.....	Gallon.....	.39	.57	.63	.86	1.19	1.31	1.22	1.16	1.19	1.12	.86
Unleaded regular.....	Gallon.....	(NA)	(NA)	.67	.90	1.25	1.38	1.30	1.24	1.21	1.20	.93
Unleaded premium.....	Gallon.....	(NA)	(NA)	(NA)	(NA)	1.41	1.47	1.42	1.38	1.37	1.34	1.09
No. 2 heating oil.....	Gallon.....	(NA)	(NA)	.40	.52	.79	.91	.91	.92	.92	.85	.56
No. 2 diesel fuel.....	Gallon.....	(NA)	(NA)	.38	.59	.82	1.00	.94	.83	.82	.79	.48
Residual fuel oil.....	Gallon.....	(NA)	(NA)	.30	.44	.61	.76	.68	.65	.69	.61	.34
Natural gas, residential.....	1,000 cu. ft.....	1.29	1.71	2.56	2.98	3.68	4.29	5.17	6.06	6.12	6.12	5.82
Electricity, residential.....	kWh.....	2.54	3.51	4.31	4.64	5.36	6.20	6.86	7.18	7.54	7.79	7.41

NA Not available. <sup>1</sup> See headnote. <sup>2</sup> Refiner acquisition cost. <sup>3</sup> Average, all service.

Source: U.S. Energy Information Administration, *Monthly Energy Review*.

## NO. 761. SALES PRICE OF MOTOR GASOLINE, BY GRADE, AND STATE: 1986 AND 1987

[In cents per gallon. As of March. Represents all refinery and gas plant operators' sales through company-operated retail outlets. Gasoline prices exclude excise taxes]

STATE	Gasoline excise taxes 1986 <sup>1</sup>	TOTAL		LEADED REGULAR		UNLEADED REGULAR		PREMIUM	
		1986	1987	1986	1987	1986	1987	1986	1987
United States.....	(x)	66.6	64.0	61.3	60.4	66.6	62.7	77.9	74.6
Alabama.....	<sup>2</sup> 13.0	66.7	66.2	62.9	60.6	70.3	66.3	(NA)	75.3
Alaska.....	8.0	116.6	85.3	116.7	89.0	116.5	82.3	(D)	91.3
Arizona.....	16.0	75.8	72.4	69.8	68.3	77.5	72.2	93.3	84.0
Arkansas.....	13.5	62.4	60.2	59.5	56.9	63.6	60.6	71.2	68.3
California.....	<sup>2</sup> 9.0	70.6	68.8	63.2	63.5	71.2	67.5	86.6	81.5
Colorado.....	18.0	58.6	62.2	54.6	57.5	60.6	63.6	66.5	72.4
Connecticut.....	17.0	82.5	68.6	70.5	61.5	82.1	65.9	91.7	77.0
Delaware.....	11.0	67.3	64.6	62.5	60.2	65.0	62.2	80.2	73.4
District of Columbia.....	15.5	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Florida.....	<sup>2</sup> 9.6	71.9	62.5	63.5	56.8	71.7	61.0	84.0	74.6
Georgia.....	7.5	67.8	64.2	59.8	56.2	67.5	62.3	79.9	76.9
Hawaii.....	<sup>2</sup> 11.0	94.5	83.6	86.2	74.4	97.3	86.0	107.2	(D)
Idaho.....	14.5	70.0	62.6	68.8	60.9	70.7	62.8	84.9	80.7
Illinois.....	<sup>2</sup> 13.0	69.9	66.1	59.8	67.4	63.5	62.7	68.8	75.2
Indiana.....	14.0	57.6	61.7	54.8	58.9	57.2	61.4	62.6	66.8
Iowa.....	16.0	61.5	63.9	60.1	61.9	61.9	64.9	66.1	67.3
Kansas.....	11.0	62.2	62.7	61.4	60.6	61.4	62.7	65.9	69.2
Kentucky.....	15.0	63.0	63.4	56.6	59.0	64.3	62.2	72.4	73.2
Louisiana.....	16.0	69.4	61.3	62.1	56.3	68.6	59.3	80.5	70.3
Maine.....	14.0	79.1	71.4	75.0	66.5	78.5	69.8	89.7	81.4
Maryland.....	13.5	72.3	63.8	67.8	59.4	71.0	61.5	82.7	72.5
Massachusetts.....	11.0	79.1	(NA)	71.7	(NA)	77.1	(NA)	90.1	(NA)
Michigan.....	15.0	62.0	59.9	57.8	57.6	62.3	58.9	71.7	70.6
Minnesota.....	17.0	67.3	63.6	64.0	61.2	68.8	64.1	72.4	68.6
Mississippi.....	<sup>2</sup> 9.0	68.0	67.1	62.9	62.5	68.8	67.5	79.0	75.0
Missouri.....	7.0	59.7	62.7	57.1	59.8	60.4	62.3	71.2	72.0
Montana.....	17.0	63.1	61.9	63.2	61.3	62.7	62.1	64.4	64.6
Nebraska.....	19.0	62.5	67.6	60.8	67.9	63.4	67.3	65.4	69.1
Nevada.....	<sup>2</sup> 11.25	73.4	61.4	68.6	57.8	75.7	62.1	87.1	71.4
New Hampshire.....	14.0	80.0	(NA)	73.8	(NA)	79.0	(NA)	89.8	79.5
New Jersey.....	8.0	77.6	67.3	70.1	59.4	74.4	62.3	88.0	79.5
New Mexico.....	11.0	74.4	64.6	72.9	61.0	74.7	65.3	87.3	74.4
New York.....	<sup>2</sup> 8.0	73.3	65.9	68.8	61.9	72.1	63.5	85.7	76.0
North Carolina.....	15.5	64.6	64.4	57.1	57.9	64.3	62.9	77.8	74.6
North Dakota.....	13.0	70.9	66.6	73.7	65.8	70.7	67.1	64.6	70.0
Ohio.....	12.0	62.3	65.7	56.3	60.7	61.5	63.6	77.8	78.6
Oklahoma.....	10.0	54.3	61.2	52.0	58.3	54.6	60.8	60.9	69.0
Oregon.....	<sup>2</sup> 11.0	71.6	60.1	68.4	57.6	73.4	60.3	84.2	72.4
Pennsylvania.....	12.0	68.3	62.6	64.7	58.2	66.7	59.9	79.7	74.7
Rhode Island.....	13.0	74.9	68.1	68.8	61.0	72.5	64.6	82.1	74.6
South Carolina.....	13.0	60.6	62.9	54.6	57.5	60.9	62.4	71.8	72.9
South Dakota.....	<sup>2</sup> 13.0	69.8	63.5	68.4	63.8	70.8	62.9	77.2	74.8
Tennessee.....	<sup>2</sup> 17.0	64.3	61.7	57.5	56.2	65.5	60.6	76.3	72.4
Texas.....	10.0	68.7	62.0	62.6	58.0	67.9	60.6	81.6	72.1
Utah.....	14.0	58.8	61.7	57.5	58.7	59.3	62.1	65.7	70.4
Vermont.....	13.0	79.7	73.8	73.3	67.0	78.8	72.1	90.2	84.1
Virginia.....	<sup>2</sup> 15.0	75.1	65.3	67.3	58.9	75.4	62.7	86.1	76.6
Washington.....	18.0	67.3	61.4	61.9	57.7	69.3	61.1	80.9	73.3
West Virginia.....	10.5	70.1	68.5	65.1	63.7	69.9	67.3	83.0	78.1
Wisconsin.....	17.5	62.0	62.2	60.6	60.3	61.9	61.6	71.3	70.6
Wyoming.....	8.0	75.1	66.1	70.8	65.0	70.8	65.4	(D)	79.0

D Withheld to avoid disclosure of data. NA Not available. X Not applicable. <sup>1</sup> Source: U.S. Advisory Committee on Intergovernmental Relations, *Significant Features of Fiscal Federalism, 1986-87 Edition*, based on CCH, *State Tax Reporter*.  
<sup>2</sup> Plus local taxes, if any.

Source: Except as noted, U.S. Energy Information Administration, *Petroleum Marketing Monthly*.