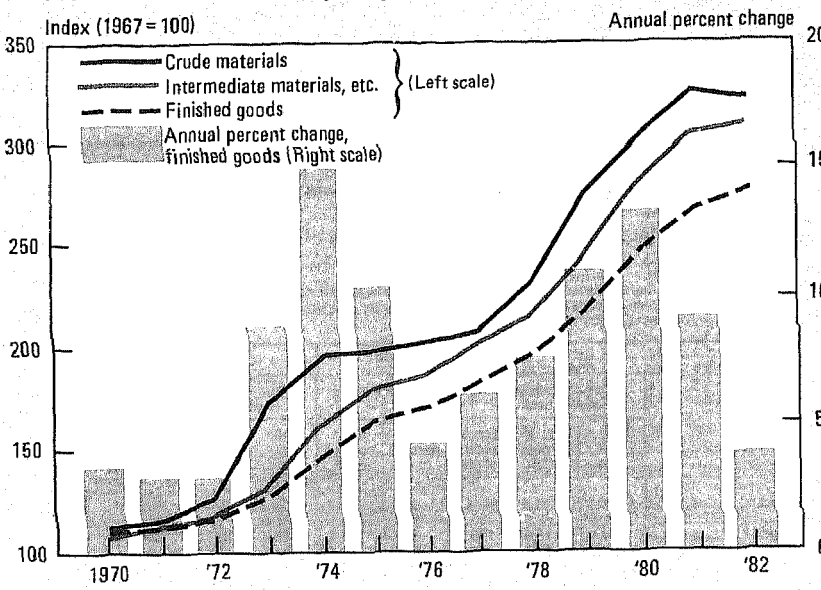
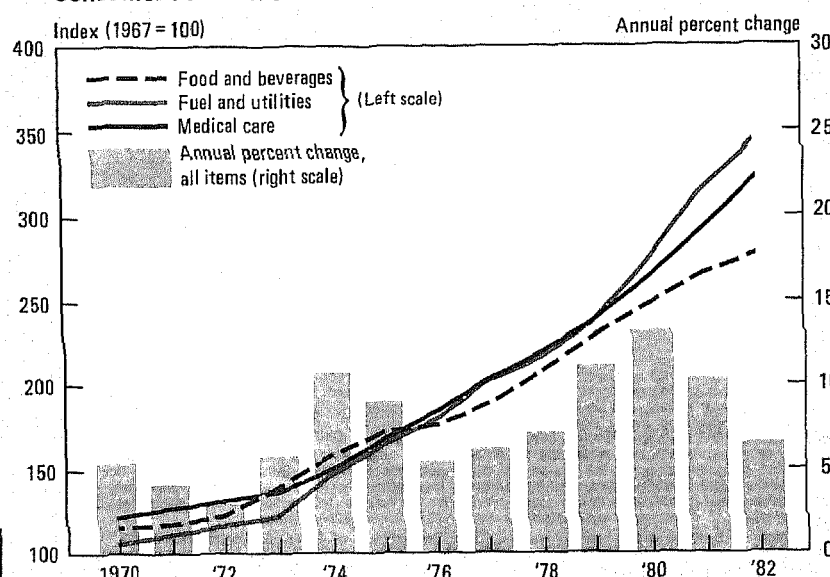
Figure 15.1
Producer Price Indexes by Stage of Processing: 1970 to 1982

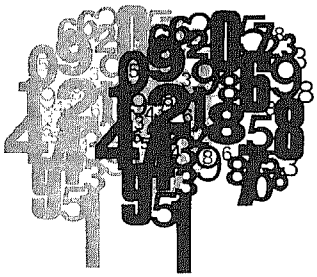


*Annual rate for five months ending May. For 1982, percent change, June 1981 – June 1982.
Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 745 and 750.

Figure 15.2
Consumer Price Indexes: 1970 to 1982



*Annual rate for five months ending May. For 1982, percent change May 1981 – May 1982.
Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 745 and 759.



Section 15

Prices

This section presents indexes of producer and consumer prices, actual prices for selected commodities, and budgets for urban families and retired couples. The primary sources of these data are monthly publications of the Department of Labor, Bureau of Labor Statistics, which include: *Monthly Labor Review; Consumer Price Index, Detailed Report; Consumer Prices: Energy* and *Food;* and *Producer Prices and Price Indexes.* The Bureau of Economic Analysis of the Department of Commerce is the source for the gross national product (GNP) implicit price deflator figures; see table 747. The Department of Agriculture's Economic Research Service (ERS) produces indexes of prices received and prices paid by farmers; see section 24. The single year 1967 has been the standard reference base period for most general-purpose index numbers prepared by Federal agencies; however, this standard reference base period will be changed to the year 1977.

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.—Formerly known as the wholesale 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 of all commodities, at all stages of processing, produced or imported for sale in primary markets in the U.S.

The index has undergone several revisions (see *Monthly Labor Review,* February 1962). It is now based on approximately 3,500 commodity price series instead of the approximately 1,900 included in the 1947–1960 period and the 900 included for the period prior to 1947. Prices used in constructing the index are collected from sellers, if possible, 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, the importer'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, or imported. Values are f.o.b. production point and are exclusive of excise taxes, interplant transfers, military products, and goods sold directly at retail from producing establishments. Beginning in January 1976, the weights are values of net shipments of commodities as derived from the industrial censuses of 1972 and other data. For January 1967–December 1975, weights were based on 1963 shipment values.

Implicit price deflators.—Several measures of the change in prices paid by U.S. consumers are available. Each of them is constructed differently and behaves differently. Three such measures are: *the implicit price deflator* for personal consumption expenditures (PCE) and the *chain price index* for PCE, prepared by Bureau of Economic Analysis (BEA) and the *consumer price index;* prepared by BLS.

Many of the differences are traceable to the fact that the population groups covered by the BEA measures are "persons" as defined in the national income and product accounts, i.e., mainly individuals and nonprofit institutions and individuals serving them. The CPI covers all urban consumers. Weights also differ in each of the three measures. In terms of relative importance, approximately 70 percent of the expenditure components used in constructing the BEA and the CPI are comparable. CPI measures are also used in constructing most of the BEA measures for noncomparable PCE components. All together, almost 95 percent of the weight of the price indexes used in the construction of the BEA measures is taken from the CPI. See U.S. Bureau of Economic Analysis, *Survey of Current Business,* March 1978 for a detailed reconciliation.

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 by urban wage earners and clerical workers and 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, and 1978.

The current revision, initially issued with release of the January 1978 data, is based on updated "market baskets" of goods and services and revised expenditure weights derived from a 1972-1973 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) which covers approximately 80 percent of the total noninstitutional civilian population; 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.

The CPI is based on prices of food, clothing, shelter, fuels, transportation fares, charges for doctors' and dentists' services, drugs, and other goods and services purchased for day-to-day living. Prices are collected in 85 areas across the country from over 18,000 tenants, 18,000 housing units for property taxes, and about 24,000 establishments. Area selection was based on the 1970 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 85 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 28 local areas, usually consisting of the Standard Metropolitan Statistical Area (SMSA); see text, page 2. Area definitions are those established by the Office of Management and Budget in 1973. Definitions do not include revisions made since 1973. 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 *Consumer Price Index; Concepts and Content Over the Years,* BLS report number 517.

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 I.

No. 744. Purchasing Power of the Dollar: 1940 to 1982

[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	$2.469	$2.381	1958	$1.073	$1.155	1970	$.907	$.860
1945	1.832	1.855	1959	1.075	1.145	1971	.880	.824
1948	1.252	1.387	1960	1.067	1.127	1972	.853	.799
1949	1.289	1.401	1961	1.067	1.116	1973	.782	.752
1950	1.266	1.387	1962	1.064	1.104	1974	.678	.678
1951	1.156	1.285	1963	1.067	1.091	1975	.612	.621
1952	1.163	1.258	1964	1.063	1.076	1976	.586	.587
1953	1.175	1.248	1965	1.045	1.058	1977	.550	.551
1954	1.172	1.242	1966	1.012	1.029	1978	.510	.512
1955	1.170	1.247	1967	1.000	1.000	1979	.459	.461
1956	1.138	1.229	1968	.972	.960	1980	.405	.406
1957	1.098	1.186	1969	.938	.911	1981	.370	.367
						1982, June	.357	.348

Source: U.S. Bureau of Labor Statistics. Monthly data in U.S. Bureau of Economic Analysis, *Survey of Current Business.*

No. 745. Annual Percent Change in Selected Price Indexes: 1960 to 1982

[Yearly averages. Minus sign (–) denotes decrease. GNP=Gross national product; see text, p. 415]

Year or period	Consumer prices						Producer prices					GNP deflator [2]			
	All items	Food	Fuel oil and coal [1]	Gas (piped) and electricity	Rent	Services	Finished goods: Total	Finished goods: Consumer foods	Intermediate goods	Crude goods: Total	Crude goods: Fuel	Total	Domestic business	Nonfarm business	PCE [2,3] deflator
1960 [4]	1.6	1.0	–.7	4.1	1.4	3.3	.8	2.2	–	–2.4	1.0	1.6	1.5	1.5	1.9
1961	1.0	1.3	2.0	.8	1.3	2.0	–	–.4	–.6	–.5	–.2	.9	.6	.6	1.0
1962	1.1	.9	.5	–	1.2	1.9	.3	.9	–.1	1.0	–.5	1.8	1.5	1.5	1.5
1963	1.2	1.4	1.9	–	1.1	2.0	–.3	–1.2	.3	–2.2	1.2	1.5	1.1	1.2	1.6
1964	1.3	1.3	–.5	–	.9	1.9	.4	.5	.3	–.9	–.4	1.5	1.0	1.1	1.4
1965	1.7	2.2	2.0	–	1.0	2.2	1.7	3.8	1.4	5.1	.8	2.2	1.9	1.6	1.8
1966	2.9	5.0	2.5	.2	1.3	3.9	3.2	6.5	2.5	6.4	3.0	3.2	2.9	2.7	2.9
1967	2.9	.9	3.1	.4	1.8	4.4	1.2	–1.6	.8	–5.4	3.8	3.0	2.7	3.1	2.4
1968	4.2	3.6	3.1	.9	2.4	5.2	2.8	3.6	2.3	1.6	2.3	4.4	3.9	3.8	4.0
1969	5.4	5.1	2.4	1.9	3.2	6.9	3.7	6.2	3.4	6.7	4.2	5.1	4.8	4.7	4.5
1970	5.9	5.5	4.3	4.4	4.2	8.1	3.5	3.2	3.9	3.6	15.0	5.4	4.5	4.7	4.6
1971	4.3	3.0	6.7	6.9	4.6	5.6	3.1	1.6	3.8	2.5	13.4	5.0	4.4	4.5	4.3
1972	3.3	4.3	.9	5.1	3.5	3.8	3.1	5.6	4.0	10.9	7.0	4.2	3.5	3.0	3.7
1973	6.2	14.5	14.8	4.9	4.3	4.4	9.1	20.3	10.9	36.4	10.6	5.8	5.5	3.9	5.7
1974	11.0	14.4	57.8	15.3	5.1	9.3	15.3	14.0	23.8	12.7	33.4	8.8	9.2	9.8	10.1
1975	9.1	8.5	9.6	16.3	5.1	9.5	10.8	8.4	10.5	.4	23.7	9.3	9.5	9.9	7.6
1976	5.8	3.1	6.6	11.4	5.4	8.3	4.4	–.3	5.1	2.9	12.4	5.2	4.8	5.1	5.1
1977	6.5	6.3	13.0	12.9	6.1	7.7	6.5	5.3	6.6	3.2	21.9	5.8	5.6	5.8	5.8
1978	7.7	10.0	5.3	9.0	6.8	8.5	7.8	9.1	7.0	12.0	14.7	7.4	7.5	7.1	7.0
1979	11.3	10.9	35.1	10.8	7.3	11.0	11.1	9.2	12.8	17.0	18.9	8.6	8.9	8.7	9.0
1980	13.5	8.6	37.9	17.1	8.9	15.4	13.5	5.9	15.3	11.0	21.2	9.3	9.4	10.0	10.3
1981	10.4	7.9	21.6	14.6	8.7	13.1	9.2	5.9	9.2	8.0	22.1	9.4	9.4	9.6	8.6
1982 [5]	7.1	5.2	–3.7	12.3	7.6	10.3	3.5	3.8	.9	–2.9	16.6	6.7	6.4	6.7	5.9
1960–65 [6]	1.3	1.4	1.2	.2	1.1	2.0	.4	.7	.2	.5	.2	1.6	1.2	1.2	1.4
1965–70 [6]	4.2	4.0	3.1	1.5	2.6	5.7	2.9	3.5	2.6	2.5	5.6	4.2	3.8	3.8	3.7
1970–75 [6]	6.7	8.8	16.4	9.6	4.5	6.5	8.2	9.8	10.4	11.9	17.2	6.6	6.4	6.2	6.3
1975–80 [6]	8.9	7.7	18.8	12.2	6.9	10.2	8.6	5.8	9.3	9.1	17.8	7.3	7.2	7.3	7.4

– Represents zero. [1] Includes bottled gas. [2] Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929–76*, and *Survey of Current Business*, July 1982. Index 1972=100. [3] PCE=Personal consumption expenditures. See table 747. [4] Base year for percent change is 1959. [5] Change from June 1981–June 1982, except GNP deflator, 2d qtr. 1981 to 2d qtr. 1982. [6] 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. 746. Annual Percent Change in Wage Rates, Costs, Productivity, and Federal Budget: 1970 to 1982

Item	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982
Wage rates and earnings, private nonfarm:													
Average hourly earnings	6.3	6.8	7.2	6.5	7.6	6.8	7.3	8.0	8.4	8.3	8.1	8.9	[1] 5.8
Adjusted hourly earnings index	6.6	7.1	6.4	6.2	7.9	8.3	7.2	7.6	8.1	8.0	9.0	9.1	[1] 6.9
Employment cost index, total	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	6.9	7.7	8.0	9.2	9.2	[1] 7.1
Union	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	7.7	7.9	8.5	10.4	10.0	[1] 8.1
Nonunion	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	6.4	7.7	7.6	8.6	8.9	[1] 6.5
Nonfarm business:													
Compensation per hour	7.0	6.6	6.7	7.6	9.4	9.6	8.2	7.5	8.6	9.3	10.2	9.7	[2] 8.2
Productivity	.3	3.3	3.7	2.5	–2.4	2.0	3.0	2.2	.6	–1.3	–.9	1.4	[2] .2
Unit labor costs	6.6	3.2	2.9	4.9	12.1	7.4	5.0	5.2	8.0	10.7	11.2	8.1	[2] 7.9
Federal government budget: [3]													
Receipts	3.2	–2.8	10.8	11.3	14.1	6.1	6.8	19.3	12.4	15.9	11.6	15.9	[4] 4.6
Outlays	6.5	7.5	9.7	6.5	9.1	21.0	12.4	9.9	11.9	9.5	17.4	14.0	[4] 10.4
Gross debt	4.2	7.0	6.8	7.1	3.8	11.9	16.1	12.2	10.1	6.8	9.7	9.8	[4] 13.0

NA Not available. [1] Change from June 1981–June 1982. [2] Change from 2d qtr. 1981 to 2d qtr. 1982. [3] Fiscal year data; see table 414. Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual. [4] Estimate.

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

No. 747. Gross National Product Implicit Price Deflators: 1960 to 1981

[1972=100. See *Historical Statistics, Colonial Times to 1970*, series E 1-22, for data based on 1958=100. Minus sign (–) denotes decrease]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
Gross national product	**68.7**	**74.4**	**91.5**	**115.1**	**125.8**	**132.3**	**140.1**	**150.4**	**163.4**	**178.6**	**195.5**
Business nonfarm	72.6	77.1	92.9	114.1	125.4	131.8	139.4	149.2	162.1	178.4	195.5
Farm	69.1	73.5	82.9	150.2	145.3	142.9	146.0	180.1	209.4	191.0	197.4
Government	49.5	60.0	85.1	113.9	124.0	133.0	142.4	151.7	161.7	175.6	192.1
Personal consumption expenditures	71.9	77.2	92.5	116.4	125.3	131.7	139.3	149.1	162.5	179.2	194.5
Durable goods	83.8	86.8	95.7	108.2	117.3	123.9	129.2	136.4	145.0	156.3	167.5
Motor vehicles and parts	80.7	86.2	94.9	107.2	117.6	126.6	133.6	143.0	154.2	166.8	181.8
Nondurable goods [1]	72.6	77.3	93.6	123.4	132.5	137.2	143.6	153.4	169.9	188.4	202.7
Food	70.1	75.6	92.6	127.6	136.8	140.5	146.4	160.6	177.0	190.8	206.9
Gasoline and oil	84.5	87.5	97.9	147.7	157.7	164.3	173.7	181.3	243.2	338.7	376.7
Fuel oil and coal	76.2	80.8	93.6	182.4	197.4	212.0	239.9	252.7	340.2	470.6	571.6
Services [1]	67.9	74.2	90.5	113.0	121.6	129.6	139.3	150.0	162.3	178.8	196.3
Housing	75.1	80.3	92.1	110.6	116.8	123.4	131.6	141.2	152.5	166.7	181.6
Transportation	63.3	68.9	87.2	107.4	112.0	125.5	141.8	150.5	160.8	184.5	201.9
Gross private fixed investment [2]	72.1	74.0	91.1	116.7	131.9	139.2	149.8	163.2	178.5	193.3	208.0
Nonresidential	72.5	74.7	91.3	115.4	132.2	138.6	146.3	157.2	170.8	186.1	201.3
Structures	63.7	66.4	88.2	128.2	144.8	149.0	159.4	176.4	200.2	227.7	251.5
Producers' durable equipment	79.4	80.6	93.2	109.3	126.2	133.9	141.0	149.7	158.8	169.0	179.8
Residential	71.4	72.3	90.5	120.3	131.0	140.7	158.0	178.3	200.5	218.5	233.6
Exports	75.2	79.4	93.2	134.8	149.6	155.3	161.9	172.6	192.5	213.1	231.8
Imports	76.1	77.7	88.6	164.6	179.6	185.6	205.5	214.1	246.1	289.3	293.1
Government purchases [3]	58.0	66.0	87.7	116.8	128.2	136.6	146.3	157.3	170.4	189.2	207.9
Federal	59.4	67.1	86.6	114.9	126.0	133.5	142.8	153.1	164.8	185.2	207.4
State and local	56.5	64.9	88.6	118.0	129.4	138.3	148.4	159.7	173.7	191.6	208.2
	ANNUAL PERCENT CHANGE [4]										
Gross national product	**1.6**	**2.2**	**5.4**	**5.9**	**9.3**	**5.2**	**5.8**	**7.4**	**8.6**	**9.3**	**9.4**
Personal consumption expenditure	1.9	1.8	4.6	5.9	7.6	5.1	5.8	7.0	9.0	10.3	8.6
Durable goods	.1	–.3	2.5	3.1	8.5	5.6	4.2	5.6	6.3	7.8	7.1
Services	3.0	2.0	5.3	5.7	7.6	6.6	7.5	7.7	8.2	10.2	9.8
Gross private fixed investment [2]	.4	1.5	4.8	6.4	13.0	5.6	7.6	8.9	9.4	8.3	7.6
Nonresidential	.3	1.2	5.3	6.0	14.6	4.9	5.6	7.4	8.6	9.0	8.1
Residential	.5	1.7	3.3	7.4	8.9	7.4	12.3	12.9	12.4	9.0	6.9
Exports	2.3	2.9	5.3	9.7	11.0	3.7	4.3	6.6	11.5	10.7	8.8
Imports	1.2	1.2	6.5	16.7	9.1	3.3	10.7	4.2	14.9	17.5	1.3
Government purchases [3]	1.4	3.0	8.1	7.4	9.7	6.6	7.1	7.5	8.4	11.0	9.9

[1] Includes items not shown separately. [2] Domestic investments only. [3] Goods and services.
[4] For 1960, base year for percent change is 1959; for 1965, base year is 1964; for 1970, base year is 1969; 1974-81, change from prior year shown. 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, 1929-76;* and *Survey of Current Business,* July 1982.

No. 748. Producer Price Indexes—Major Commodity Groups: 1950 to 1982

[1967=100. Prior to 1961, excludes Alaska and Hawaii. See text, p. 451. See also *Historical Statistics, Colonial Times to 1970,* series E 23 and 24]

YEAR	All commodities	Farm products	Processed foods and feeds	Industrial commodities: Total	Industrial commodities: Energy [1]	YEAR	All commodities	Farm products	Processed foods and feeds	Industrial commodities: Total	Industrial commodities: Energy [1]
1950	81.8	106.7	83.4	78.0	87.1	1967	100.0	100.0	100.0	100.0	100.0
1951	91.1	124.2	92.7	86.1	90.3	1968	102.5	102.5	102.2	102.5	98.9
1952	88.6	117.2	91.6	84.1	90.1	1969	106.5	109.1	107.3	106.0	100.9
1953	87.4	106.2	87.4	84.8	92.6	1970	110.4	111.0	112.1	110.0	106.2
1954	87.6	104.7	88.9	85.0	91.3	1971	114.0	112.9	114.5	114.1	115.2
1955	87.8	98.2	85.0	86.9	91.2	1972	119.1	125.0	120.8	117.9	118.6
1956	90.7	96.9	84.9	90.8	94.0	1973	134.7	178.3	148.1	125.9	134.3
1957	93.3	99.5	87.4	93.3	99.1	1974	160.1	187.7	170.9	153.8	208.3
1958	94.6	103.9	91.8	93.6	95.3	1975	174.9	186.7	182.6	171.5	245.1
1959	94.8	97.5	89.4	95.3	95.3	1976	183.0	191.0	178.0	182.4	265.6
1960	94.9	97.2	89.5	95.3	96.1	1977	194.2	192.5	186.1	195.1	302.2
1961	94.5	96.3	91.0	94.8	97.2	1978	209.3	212.5	202.6	209.4	322.5
1962	94.8	98.0	91.9	94.8	96.7	1979	235.6	241.4	222.5	236.5	408.1
1963	94.5	96.0	92.5	94.7	96.3	1980	258.8	249.4	241.2	274.8	574.0
1964	94.7	94.6	92.3	95.2	93.7	1981	293.4	254.9	248.7	304.1	694.5
1965	96.6	98.7	95.5	96.4	95.5	1982, June	299.4	252.7	255.8	310.7	677.4
1966	99.8	105.9	101.2	98.5	97.8						

[1] Fuels, related products, and power.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes,* monthly and annual.

No. 749. Producer Price Indexes—Annual Percent Change in Selected Commodity Groups: 1970 to 1982

[Minus sign (–) denotes decrease]

COMMODITY GROUP	1970[1]	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982[2]
Farm products	1.7	1.7	10.7	41.0	6.5	–.5	2.3	.8	10.4	13.6	3.3	2.2	–3.1
Processed foods, feeds	4.5	2.0	5.7	22.6	15.4	6.8	–2.5	4.6	8.9	9.8	8.4	3.1	2.4
Textile products, apparel	1.0	1.4	4.6	9.0	12.4	–.9	7.5	3.9	3.8	5.6	8.8	8.8	2.2
Hides, skins, leather, related products	1.3	3.4	15.2	9.0	1.4	2.3	13.0	6.9	11.5	26.2	–1.4	4.8	.4
Fuels, related products, power	5.3	7.5	3.9	13.2	55.1	17.7	8.4	13.8	6.7	26.5	40.7	21.0	–4.3
Chemicals, allied products	2.3	2.0	–	5.6	33.5	23.5	3.3	3.0	3.1	11.8	17.1	10.5	1.0
Rubber and plastic products	2.8	.8	.1	2.8	21.2	10.3	6.0	5.3	4.3	11.2	11.9	7.0	4.2
Lumber and wood products	–9.3	11.8	13.6	22.8	3.6	–3.6	16.2	14.9	16.8	8.8	–3.8	1.3	–3.2
Pulp, paper, and allied products	4.0	1.8	3.0	7.7	24.2	12.3	5.3	3.9	4.9	12.0	13.8	9.9	6.0
Metals and metal products	7.5	2.1	3.8	7.5	29.4	8.0	5.5	6.7	8.7	14.2	10.5	4.9	.6
Machinery and equipment	4.6	3.7	2.1	3.2	14.5	15.8	5.9	6.3	7.9	9.1	12.1	9.8	6.2
Furniture and household durables	2.5	2.2	1.4	3.4	11.0	9.2	4.2	4.1	5.9	6.8	9.6	5.8	4.7
Nonmetallic mineral products	4.8	8.4	3.0	3.3	17.7	13.6	7.1	7.6	11.1	11.6	13.8	9.4	1.6
Transportation equipment	3.8	5.4	3.1	1.2	9.0	12.7	6.8	6.8	7.6	8.4	10.0	13.7	6.5

– Represents zero. [1] Change from 1969. [2] Change from June 1981–June 1982.

No. 750. Producer Price Indexes, by Stage of Processing: 1965 to 1982

[1967=100. 1960 excludes Alaska and Hawaii. Minus sign (–) denotes decrease. See also *Historical Statistics, Colonial Times to 1970*, series E 73-86]

STAGE OF PROCESSING AND COMMODITY	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982, June
Crude materials for further processing	**99.3**	**112.3**	**173.9**	**196.1**	**196.9**	**202.7**	**209.2**	**234.4**	**274.3**	**304.6**	**329.0**	**325.7**
Foodstuffs and feedstuffs	97.1	112.0	179.9	189.4	191.8	190.2	192.1	216.2	247.9	259.2	257.4	259.8
Nonfoods, exc. fuel	104.5	109.8	161.5	205.4	188.3	206.7	212.2	233.1	284.5	346.1	413.7	370.0
For manufacturing	105.3	109.6	165.4	212.8	192.4	211.6	216.8	238.2	292.7	357.4	429.4	378.9
For construction	97.5	113.9	124.9	135.1	151.1	161.2	170.6	185.7	207.0	237.6	261.8	273.7
Fuel	93.5	122.6	164.5	219.4	271.5	305.3	372.1	426.8	507.6	615.0	751.2	885.2
Manufacturing industries	93.6	116.9	153.2	197.4	252.1	300.1	384.6	446.2	549.6	690.5	864.9	1,033.6
Nonmanufacturing industries	93.3	130.2	179.4	248.4	297.2	317.1	370.9	421.1	485.0	567.0	674.0	781.7
Intermediate materials, supplies, components	**96.8**	**109.9**	**131.6**	**162.9**	**180.0**	**189.1**	**201.5**	**215.6**	**243.2**	**280.3**	**306.0**	**310.0**
Materials and components for manufacturing	97.4	110.0	127.7	162.2	178.7	185.4	195.4	208.7	234.4	265.7	286.1	290.0
Materials for—												
Food manufacturing	97.6	112.9	146.0	209.2	209.4	180.0	183.4	206.5	229.4	264.4	260.4	260.9
Nondurable manufacturing	100.0	103.8	121.2	155.2	174.7	184.2	190.0	196.7	222.8	259.5	285.8	285.8
Durable manufacturing	96.8	114.7	133.7	171.7	188.4	201.0	217.6	236.2	270.6	301.0	312.1	307.3
Components for manufacturing	93.8	111.1	121.4	139.9	158.3	166.6	176.8	189.6	207.5	231.8	259.3	273.9
Materials and components for construction	96.2	112.6	136.7	161.6	176.4	188.4	203.4	224.7	247.4	268.3	287.6	294.2
Processed fuels, lubricants	97.4	105.0	131.5	199.1	233.0	250.1	282.5	295.3	364.8	503.0	595.4	581.2
Containers	95.8	111.4	129.2	152.2	171.4	180.2	188.3	202.8	226.8	254.5	276.1	286.7
Supplies	95.2	108.0	140.6	154.5	168.1	179.0	188.7	198.5	218.2	244.5	263.8	273.6
For manufacturing industries	95.9	110.0	121.1	141.7	157.9	166.5	177.0	189.3	207.5	231.9	253.1	267.3
For nonmanufacturing industries	95.0	107.2	150.7	161.1	173.4	185.5	194.8	203.3	223.8	251.1	269.6	277.1
Finished goods	**95.7**	**110.3**	**127.9**	**147.5**	**163.4**	**170.6**	**181.7**	**195.9**	**217.7**	**247.0**	**269.8**	**279.9**
Consumer goods	96.1	109.9	129.2	149.3	163.6	169.7	180.7	194.9	217.9	248.9	271.3	280.0
Foods	95.4	113.5	146.4	166.9	181.0	180.4	189.9	207.2	226.2	239.5	253.6	263.4
Crude foods	98.6	116.3	160.2	180.8	181.2	193.9	201.0	216.8	233.1	237.2	263.8	254.3
Processed foods	94.9	113.1	143.9	164.6	181.3	177.8	187.3	204.6	223.8	237.8	250.6	262.0
Other nondurable goods	95.9	108.3	120.5	146.8	163.0	174.8	189.3	200.0	231.3	283.9	319.6	328.1
Durable goods	97.9	106.9	115.8	126.3	138.2	144.5	152.8	166.9	183.2	206.2	218.6	226.2
Capital equipment	94.4	112.0	123.5	141.0	162.5	173.4	184.6	199.2	216.5	239.8	264.3	279.6
	ANNUAL PERCENT CHANGE [1]											
Crude materials for further processing	**5.1**	**3.6**	**15.7**	**12.8**	**.4**	**2.9**	**3.2**	**12.0**	**17.0**	**11.0**	**8.0**	**–2.9**
Foodstuffs and feedstuffs	6.9	2.5	17.1	5.3	1.3	–.8	1.0	12.5	14.7	4.6	–.7	–1.7
Fuel	.8	15.0	10.3	33.4	23.7	12.4	21.9	14.7	18.9	21.2	22.1	16.6
Intermediate materials, supplies, components	**1.4**	**3.9**	**6.2**	**23.8**	**10.5**	**5.1**	**6.6**	**7.0**	**12.8**	**15.3**	**9.2**	**.9**
Materials and components for—												
Manufacturing	1.6	4.0	5.1	27.0	10.2	3.7	5.4	6.8	12.3	13.4	7.7	1.5
Construction	.8	1.6	6.7	18.2	9.2	6.8	8.0	10.5	10.1	8.4	7.2	1.6
Processed fuels, lubricants	1.5	6.6	7.8	51.4	17.0	7.3	13.0	4.5	23.5	37.9	18.4	–4.0
Finished goods	**1.7**	**3.5**	**5.1**	**15.3**	**10.8**	**4.4**	**6.5**	**7.8**	**11.1**	**13.5**	**9.2**	**3.5**
Consumer goods	1.9	3.1	5.5	15.6	9.6	3.7	6.5	7.9	11.8	14.2	9.0	2.8
Capital equipment	1.2	4.8	3.3	14.2	15.2	6.7	6.5	7.9	8.7	10.8	10.2	6.0

[1] For 1965, base year for percent change is 1964; for 1970, base year is 1969; thereafter change from prior year shown, except as noted. For 1982, change from June 1981–June 1982.

Source of tables 749 and 750: Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

No. 751. Producer Price Indexes, by Commodities: 1965 to 1982

[1967=100, except as noted. See text, p. 451, and *Historical Statistics, Colonial Times to 1970*, series E 23-29]

COMMODITY GROUP	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982, June
All commodities [1]	**96.6**	**110.4**	**134.7**	**160.1**	**174.9**	**183.0**	**194.2**	**209.3**	**235.6**	**268.8**	**293.4**	**299.4**
Farm products and processed foods and feeds	**97.1**	**111.7**	**159.1**	**177.4**	**184.2**	**183.1**	**188.8**	**206.6**	**229.8**	**244.7**	**251.5**	**255.3**
Farm products [1]	**98.7**	**111.0**	**176.3**	**187.7**	**186.7**	**191.0**	**192.5**	**212.5**	**241.4**	**249.4**	**254.9**	**252.7**
Fresh and dried fruits, vegetables	100.2	111.6	168.1	192.3	183.7	178.4	192.2	216.5	229.0	238.6	267.3	263.8
Grains	97.2	98.8	183.6	257.9	223.9	205.9	165.0	182.5	214.8	239.0	248.4	225.7
Livestock	99.4	116.7	190.4	170.6	187.9	173.3	173.0	220.1	260.3	252.7	248.0	277.5
Live poultry	105.5	99.5	179.5	157.4	189.8	166.9	175.4	199.8	194.3	202.1	201.2	207.2
Plant and animal fibers	126.4	90.2	197.8	193.9	153.1	233.9	202.3	193.4	209.9	271.1	242.0	203.1
Fluid milk	84.9	115.3	145.0	172.8	180.2	201.2	202.8	219.7	250.1	271.2	287.4	278.9
Eggs	110.9	126.8	165.7	160.6	159.8	179.1	162.0	158.6	176.5	171.0	187.1	159.3
Hay, hayseeds, and oilseeds	97.8	99.4	220.1	228.6	200.2	210.4	234.2	215.8	244.3	247.1	274.1	219.3
Processed foods and feeds	**95.5**	**112.1**	**148.1**	**170.9**	**182.6**	**178.0**	**186.1**	**202.6**	**222.5**	**241.2**	**248.7**	**255.8**
Cereal and bakery products	93.1	107.7	134.4	171.2	178.0	172.1	173.4	190.3	210.3	236.0	255.5	253.3
Meats, poultry, and fish	96.2	115.8	167.5	163.5	191.0	181.6	182.0	217.1	242.0	243.1	246.2	271.1
Dairy products	89.0	111.2	131.1	146.4	155.8	168.5	173.4	188.4	211.2	230.6	245.6	248.7
Processed fruits and vegetables	95.2	110.6	129.6	154.6	169.8	170.2	187.4	202.6	221.9	228.7	261.2	275.4
Sugar and confectionery	96.5	115.8	132.3	258.9	254.3	190.9	177.4	197.8	214.7	322.5	275.9	269.5
Beverages and beverage materials	99.2	113.0	121.7	140.7	162.4	173.5	201.0	200.0	210.7	233.0	248.0	256.5
Animal fats and oils	136.0	140.4	230.4	327.7	341.8	210.2	267.0	291.2	320.6	279.2	299.1	324.9
Crude vegetable oils	112.5	121.0	174.6	291.1	208.1	162.5	197.5	219.2	243.7	202.8	185.4	168.1
Refined vegetable oils	105.1	119.2	154.5	265.8	213.2	187.5	198.9	228.8	231.6	179.8	201.5	175.9
Vegetable oil end products	99.2	111.9	143.6	224.8	211.5	174.2	198.1	209.4	223.5	233.2	238.0	238.8
Miscellaneous processed foods	100.9	113.1	123.3	158.6	178.4	174.7	190.0	199.0	216.5	227.2	250.1	248.6
Manufactured animal feeds	94.9	103.7	198.7	184.1	172.1	194.4	204.6	197.4	219.4	226.8	230.2	216.4
Industrial commodities	**96.4**	**110.0**	**125.9**	**153.8**	**171.5**	**182.4**	**195.1**	**209.4**	**236.5**	**274.8**	**304.1**	**310.7**
Textile products and apparel	**99.8**	**107.1**	**123.8**	**139.1**	**137.9**	**148.2**	**154.0**	**159.8**	**168.7**	**183.5**	**199.7**	**204.5**
Synthetic fibers [2]	(NA)	(NA)	(NA)	(NA)	(NA)	102.4	107.3	109.6	119.0	134.7	156.3	163.8
Processed yarns, threads [2]						99.5	100.9	102.4	109.2	122.5	138.0	139.4
Gray fabrics [2]						106.1	104.7	118.6	127.1	138.1	146.8	145.8
Finished fabrics [2]						101.1	103.7	103.8	107.4	115.7	125.2	124.0
Apparel	97.1	110.8	119.0	129.5	133.4	139.9	147.3	152.4	160.4	172.4	186.0	193.0
Textile housefurnishings	97.3	103.5	113.3	143.1	151.9	159.3	171.3	178.6	190.4	206.9	226.7	244.4
Hides, skins, leather, related products [1]	**94.3**	**110.3**	**143.1**	**145.1**	**148.5**	**167.8**	**179.3**	**200.0**	**252.4**	**248.9**	**260.9**	**262.7**
Hides and skins	118.0	104.2	253.9	195.9	174.5	258.4	286.7	360.5	535.4	370.9	(NA)	(NA)
Leather	98.0	107.7	160.1	154.3	151.5	188.1	201.0	238.6	356.7	310.6	319.8	306.7
Footwear	90.7	113.3	130.5	140.0	147.8	158.9	168.7	183.0	218.0	233.1	240.9	243.8
Fuels, related products, power	**95.5**	**106.2**	**134.3**	**208.3**	**245.1**	**265.6**	**302.2**	**322.5**	**408.1**	**574.0**	**694.5**	**677.4**
Coal	93.4	150.3	218.1	332.4	385.8	368.7	389.4	430.0	450.9	467.3	497.2	534.1
Coke (foundry byproduct)	95.8	127.4	166.6	247.7	330.8	346.8	379.4	411.8	429.2	430.6	456.4	462.7
Gas fuels	92.8	103.6	126.7	162.2	216.7	286.8	387.8	428.7	544.1	760.7	939.4	1029.7
Electric power	100.1	105.9	129.3	163.1	193.4	207.6	232.9	250.6	270.2	321.6	367.2	406.6
Crude petroleum, domestic	98.2	106.1	126.0	211.8	245.7	256.6	274.2	300.1	376.5	556.4	803.5	718.5
Petroleum products, refined	93.8	101.0	128.7	223.4	257.5	276.6	308.2	321.0	444.8	674.7	805.9	738.5
Chemicals and allied products [1]	**99.0**	**102.2**	**110.0**	**146.8**	**181.3**	**187.2**	**192.8**	**198.8**	**222.3**	**260.3**	**287.6**	**293.5**
Industrial chemicals	97.5	100.9	103.4	151.7	206.9	219.3	223.9	225.6	264.0	324.0	363.3	352.9
Prepared paint	96.4	112.4	122.2	145.7	166.9	174.4	182.4	192.3	204.4	235.3	249.8	265.1
Paint materials	98.8	101.4	113.2	152.3	177.2	189.8	205.9	212.7	241.2	273.9	300.1	304.2
Drugs and pharmaceuticals	100.4	101.2	104.3	112.7	126.6	134.0	140.5	148.1	159.4	174.5	193.5	209.6
Fats and oils, inedible	138.6	132.8	228.3	338.2	255.2	249.9	279.0	315.8	376.6	298.0	295.6	287.5
Agricultural chemicals and products	98.3	88.5	96.6	137.7	203.6	188.3	187.8	198.4	214.4	257.1	285.0	294.0
Plastic resins and materials	99.3	90.6	92.1	143.8	180.9	194.0	197.5	199.8	235.9	279.2	289.2	281.9
Rubber and plastic products [1]	**95.9**	**108.3**	**112.4**	**136.2**	**150.2**	**159.2**	**167.6**	**174.8**	**194.3**	**217.4**	**232.6**	**243.3**
Crude rubber	105.6	101.6	111.9	139.4	145.6	161.0	171.7	187.2	221.4	264.3	281.8	282.4
Tires and tubes	93.8	109.0	111.4	133.4	148.5	161.5	169.6	179.2	205.9	236.9	250.6	255.3
Miscellaneous rubber products	94.5	113.3	124.8	140.8	155.9	163.9	176.8	189.6	206.4	226.6	251.4	285.4
Plastic construction products [3]	(NA)	97.2	94.1	118.9	123.9	127.2	133.2	136.4	147.5	154.2	154.8	148.6
Laminated plastic sheets, high pressure [4]	(NA)	(NA)	97.8	116.3	124.6	131.1	141.1	146.4	158.8	173.7	188.8	188.4
Lumber and wood products	**95.9**	**113.6**	**177.2**	**183.6**	**176.9**	**205.6**	**236.3**	**276.0**	**300.4**	**288.9**	**292.8**	**288.7**
Lumber	94.0	113.7	205.2	207.1	192.5	233.0	276.5	322.4	354.3	325.8	325.1	315.2
Millwork	96.0	116.0	144.2	157.1	160.4	176.9	193.7	235.4	254.3	260.4	273.4	280.1
Plywood	103.5	108.4	155.2	161.1	161.2	187.0	212.2	235.6	250.5	246.5	245.7	238.9
Other wood products	(NA)	117.3	149.7	166.6	161.9	166.2	184.3	211.8	235.4	249.2	239.1	237.1
Pulp, paper, and allied products	**96.2**	**108.2**	**122.1**	**151.7**	**170.4**	**179.4**	**186.4**	**195.6**	**219.0**	**249.2**	**273.8**	**289.3**
Pulp, paper, and products, exc. building paper and board	96.2	108.5	122.5	152.8	171.9	180.8	187.3	195.6	220.2	250.6	270.8	274.6
Woodpulp	100.1	109.6	128.3	217.8	283.4	286.0	281.1	266.5	314.3	380.3	397.1	390.3
Wastepaper	127.3	125.0	197.4	265.5	110.2	184.9	187.2	191.2	206.6	208.7	175.7	115.2
Paper	94.6	111.0	121.4	148.6	172.9	182.3	194.3	206.1	229.6	256.8	279.8	288.2
Paperboard	101.5	101.1	115.1	152.2	170.3	176.0	176.2	179.6	202.1	234.6	258.1	255.9
Converted paper and paperboard products	94.7	107.9	121.6	144.9	161.8	170.0	176.6	186.5	209.9	238.5	258.8	265.0
Building paper and board	100.9	101.0	112.8	123.5	127.1	138.7	157.0	187.4	182.4	206.2	231.7	239.4

See footnotes at end of table.

No. 751. Producer Price Indexes, by Commodities: 1965 to 1982—Continued

[1967=100, except as noted. See headnote, p. 456]

COMMODITY GROUP	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982, June
Metals and metal products	**96.4**	**116.6**	**132.8**	**171.9**	**185.6**	**195.9**	**209.0**	**227.1**	**259.3**	**286.4**	**300.4**	**300.1**
Iron and steel	97.9	115.1	136.2	178.6	200.9	215.9	230.4	253.6	283.5	305.2	333.8	338.3
Steel mill products	97.5	114.2	134.1	170.0	197.2	209.8	229.9	254.5	280.4	302.7	337.6	349.9
Nonferrous metals	95.3	124.7	135.1	187.1	171.6	181.6	195.4	207.8	216.7	305.0	285.8	253.7
Metal containers	96.2	112.6	134.7	164.7	192.1	202.2	218.2	243.4	269.2	298.6	315.6	330.2
Hardware	93.1	111.5	124.7	140.7	163.0	173.1	185.4	200.4	218.7	240.5	263.2	277.9
Plumbing fixtures, brass fittings	93.3	111.2	125.8	149.1	162.3	174.1	186.6	199.1	217.1	246.7	267.5	282.5
Heating equipment	98.9	110.6	120.4	135.0	150.7	158.0	165.5	174.4	187.1	206.7	224.2	238.6
Fabricated structural metal products	96.1	112.0	127.4	161.2	189.0	193.8	206.7	226.4	248.9	270.5	295.5	305.2
Miscellaneous metal products	96.0	114.3	129.5	157.3	181.1	186.9	196.2	212.0	231.4	250.5	270.5	289.5
Machinery and equipment	**93.9**	**111.4**	**121.7**	**139.4**	**161.4**	**171.0**	**181.7**	**196.1**	**213.9**	**239.8**	**263.3**	**278.4**
Agricultural	94.0	113.2	125.9	143.8	168.6	183.0	197.9	213.1	232.1	259.2	288.3	308.8
Construction	93.6	115.9	130.7	152.3	185.2	198.9	213.5	232.9	256.2	289.4	320.8	343.7
Metalworking	91.8	114.1	125.5	146.9	171.6	187.2	198.5	217.8	241.3	274.4	301.3	320.8
General purpose	92.5	113.7	127.0	151.2	178.5	189.8	201.8	216.6	236.4	264.6	288.7	303.1
Special industry	92.5	115.7	130.1	151.0	175.0	188.4	202.7	223.0	247.0	275.8	307.9	324.7
Electrical	95.1	106.4	112.4	125.0	140.7	146.7	154.1	164.9	178.9	201.7	220.2	231.9
Miscellaneous	96.2	112.8	124.0	139.5	162.3	171.9	180.7	194.7	208.9	229.9	252.6	268.0
Furniture and household durables [1]	**96.9**	**107.5**	**115.2**	**127.9**	**139.7**	**171.9**	**151.5**	**160.4**	**171.3**	**187.7**	**198.5**	**206.6**
Household furniture	94.1	111.7	123.0	136.6	146.3	153.6	162.2	173.5	186.3	204.8	219.2	231.1
Commercial furniture	93.3	114.5	129.4	152.4	166.7	173.5	185.9	201.5	221.8	236.0	257.5	276.2
Floor coverings	104.5	99.4	102.2	115.4	124.9	131.4	136.4	141.6	147.9	163.0	178.7	180.7
Household appliances	98.9	105.3	108.5	117.9	132.3	139.2	145.1	153.0	160.9	174.2	187.3	198.5
Home electronic equipment	103.1	93.3	91.9	93.1	93.5	91.3	87.7	90.2	91.1	91.4	89.2	88.2
Nonmetallic mineral products [1]	**97.5**	**112.9**	**130.2**	**153.2**	**174.0**	**186.3**	**200.5**	**222.8**	**248.6**	**283.0**	**309.5**	**318.7**
Flat glass	96.2	115.6	121.4	128.8	139.2	150.0	160.8	172.8	183.9	196.5	212.6	216.2
Concrete ingredients	97.5	112.6	131.2	148.7	172.3	186.7	199.0	217.7	244.0	274.0	296.3	310.9
Concrete products	96.3	112.2	131.7	151.7	170.5	180.1	191.8	214.0	244.1	273.9	291.2	297.9
Structural clay products	96.6	109.9	123.3	135.2	151.2	163.5	179.8	197.2	217.9	231.5	249.8	258.4
Refractories	98.1	120.9	136.3	143.5	166.0	184.0	199.5	216.5	236.5	264.6	302.4	340.9
Asphalt roofing	98.7	102.7	135.5	196.0	225.9	238.3	253.0	292.0	325.3	396.8	407.5	388.8
Gypsum products	101.2	99.7	120.9	137.6	144.0	154.4	183.5	229.1	252.3	256.3	256.2	256.4
Glass containers	97.0	120.4	138.9	155.5	179.7	195.4	214.2	244.4	261.1	292.7	328.7	357.4
Transportation equipment [1,5]	(NA)	**104.6**	**115.1**	**125.5**	**141.5**	**151.1**	**161.3**	**173.5**	**188.1**	**207.0**	**235.4**	**249.6**
Motor vehicles and equipment	98.5	108.7	119.2	129.2	144.6	153.8	163.7	176.0	190.5	208.8	237.6	251.5
Motor vehicles	99.6	107.3	116.7	125.5	137.5	146.4	155.7	167.7	181.6	197.7	216.6	228.1
Railroad equipment	97.4	115.1	134.7	163.8	201.2	216.7	233.5	252.8	277.3	313.1	336.1	349.6
Miscellaneous products [1]	**95.9**	**109.6**	**119.7**	**133.1**	**147.7**	**216.7**	**233.5**	**252.8**	**208.7**	**258.8**	**265.7**	**271.6**
Toys, sporting goods, small arms, etc	97.1	109.3	117.9	132.3	146.0	150.0	155.2	163.2	176.2	198.6	211.9	222.9
Tobacco products	94.1	113.6	121.9	132.8	149.6	163.0	179.8	198.5	217.8	245.7	268.3	306.7
Notions	97.8	108.4	114.3	137.4	151.0	162.3	172.4	182.0	191.8	217.2	259.8	280.3
Photographic equipment and supplies	98.2	104.9	108.4	116.8	130.6	136.2	139.9	145.7	153.7	202.9	210.0	210.8

NA Not available. [1] Includes other product groups, not shown separately. [2] Dec. 1975=100. [3] Dec. 1969=100. [4] Dec. 1970=100. [5] Dec. 1968=100.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

No. 752. Indexes of Spot Primary Market Prices: 1970 to 1982

[1967=100. Index computed weekly, 1970-81; daily, beginning April 27, 1982. 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)	1973 (6-12)	1974 (6-11)	1975 (6-24)	1976 (6-29)	1977 (6-28)	1978 (6-27)	1979 (6-26)	1980 (6-24)	1981 (5-26)	1982 (5-25)
All commodities (22)	**113.6**	**171.3**	**221.5**	**189.9**	**210.9**	**206.7**	**230.0**	**281.3**	**265.1**	**267.9**	**247.6**
Foodstuffs (9)	112.2	172.7	211.5	215.3	213.7	210.6	238.1	265.1	260.9	244.2	252.8
Raw industrials (13)	114.4	170.2	228.5	174.1	208.9	204.0	224.4	293.0	268.0	285.4	243.9
Livestock and products (5)	123.6	222.6	190.1	240.8	224.4	234.6	278.0	336.3	250.5	265.2	312.1
Metals (5)	125.2	145.6	261.4	166.8	215.4	203.0	220.6	332.8	257.9	287.3	218.2
Textiles and fibers (4)	99.9	159.1	183.9	158.8	181.4	170.1	173.6	192.2	234.7	243.0	206.6
Fats and oils (4)	128.6	187.9	224.3	213.6	208.3	235.7	253.5	289.4	229.5	238.7	255.7

Source: 1970-1981, U.S. Bureau of Labor Statistics, *Tuesday Spot Market Price Indexes and Prices*, weekly and monthly, thereafter, Commodity Research Bureau, Inc., New York, N.Y., *CRB Commodity Index Report*, weekly (Copyright.).

No. 753. Producer Prices of Selected Commodities: 1970 to 1981

[In dollars per unit. Annual averages of monthly figures. See *Historical Statistics, Colonial Times to 1970*, series E 123–134, for selected items]

COMMODITY	Unit	1970	1974	1975	1976	1977	1978	1979	1980	1981, Jan.–May, avg.
Farm products:										
Wheat, hard winter, No. 1, K.C.	Bu	1.48	4.68	3.81	3.34	2.53	3.17	3.98	4.30	4.40
Steers, choice	100 lb	30.04	42.24	44.36	39.27	40.28	52.26	67.69	67.20	63.83
Cotton, raw	Lb	.25	.58	.45	.68	.61	.58	[1].63	.82	.81
Wool, combing and staple	Lb	1.03	1.78	1.49	[1]1.82	1.83	1.90	2.16	(NA)	2.47
Eggs, large	Doz	.43	.63	.62	.70	.63	.62	.69	.67	.71
Corn, No. 2 yellow, Chicago	Bu	1.37	3.22	2.90	2.70	2.21	2.56	2.91	3.32	3.48
Sugar, raw cane	100 lb	8.09	29.04	23.00	13.49	10.69	13.84	15.27	30.06	23.28
Processed foods:										
Flour, Kansas City	100 lb	5.57	11.06	9.37	[2]8.31	6.23	7.48	9.27	10.08	10.44
Sugar, granulated (excl. excise tax)	5 lb	(NA)	1.67	1.67	1.03	.92	1.09	1.17	2.16	1.90
Coffee, tin	Lb	.95	1.21	1.30	2.01	3.52	2.89	2.78	2.93	2.53
Lard, 1 and 2 lb. prints	Lb	.17	.35	.36	.24	.24	.34	.40	.37	(NA)
Beef, choice	100 lb	48.93	68.55	74.93	63.96	65.03	83.12	103.01	106.79	(NA)
Lamb, choice	100 lb	(NA)	82.56	84.45	102.15	107.29	126.05	133.53	133.30	(NA)
Shrimp, fresh processed	Lb	(NA)	2.27	2.69	3.63	3.40	3.61	[2]5.16	4.53	(NA)
Salmon, No. 1, tall can	Case/48	(NA)	(NA)	69.92	69.00	68.50	65.17	67.59	77.74	86.00
Haddock, unprocessed	100 lb	(NA)	50.58	54.46	58.79	68.79	57.33	64.68	66.27	84.60
Textile products:										
Polyester/cotton yarns, 18's	Lb	(NA)	(NA)	(NA)	1.40	1.40	1.39	1.41	1.74	1.81
Polyester twill, textured	Yd	(NA)	(NA)	(NA)	1.78	1.42	1.46	1.39	1.40	1.73
Hides, leather, and shoes:										
Cattlehides, packer, heavy native [3]	Lb	.13	.24	.23	.34	.37	.47	.73	.46	(NA)
Lamb garment leather	Sq. ft	.39	.72	.72	[2].76	.92	1.05	[2]1.40	1.18	1.14
Oxfords, Goodyear leather upper, sole	Pair	13.49	16.12	16.84	17.93	19.00	20.77	25.85	(NA)	(NA)
Fuels, related products, power:										
Elec. Power, E. No. Cen	200,000 kWh.	(NA)	4,361	5,281	5,675	6,276	6,989	7,661	8,834	8,777
Gasoline, unleaded [4]	Gal	(NA)	(NA)	(NA)	(NA)	(NA)	.47	.64	.98	1.10
Gasoline, regular [4]	Gal	(NA)	(NA)	.35	.39	.42	.44	.60	.93	1.06
Gasoline, premium [4]	Gal	(NA)	(NA)	(NA)	.42	.45	.48	.65	.99	1.12
Distillate fuel oil, No. 2, to resellers	Gal	(NA)	(NA)	.29	.31	.36	.37	.53	.78	.98
Chemicals and allied products:										
Aspirin	Lb	.58	.82	1.00	1.08	1.14	1.20	1.28	1.43	1.63
Paint, outside	Gal	[2]5.67	8.04	9.56	9.41	9.47	9.91	10.61	12.22	13.41
Paint, inside, latex	Gal	(NA)	5.93	6.57	6.82	7.19	7.61	7.88	8.99	10.96
Rubber and rubber products:										
Natural rubber, No. 1 ribbed [5]	Lb	.21	.40	.30	.40	.42	.50	.64	.73	.64
Synthetic rubber, neoprene, GN type	Lb	.43	.52	.64	.69	.70	.77	.82	.97	1.08
Lumber and wood products:										
Softwood plywood, interior	1,000 sq. ft.	(NA)	126	139	145	163	192	201	191	(NA)
Redwood boards, clear, f.g. dry	M. bd. ft	(NA)	494	506	505	603	805	979	1,036	(NA)
Maple, No. 1, common	M. bd. ft	(NA)	234	230	230	274	308	351	354	(NA)
Southern pine, finish, C and better	M. bd. ft	(NA)	319	317	342	396	499	547	564	(NA)
Pulp, paper, and allied products:										
Woodpulp, sulphate, bleached [6]	Ton	131	263	336	338	331	307	368	452	478
Book paper, No. 3 uncoated	100 lb	21.57	23.59	24.25	25.28	26.68	29.58	33.63	37.53	39.32
Liner, 100 lb. test	1,000 sq. ft.	2.55	3.65	4.32	4.39	4.29	4.31	4.94	5.81	6.30
Toilet tissue	Case	9.07	12.20	15.62	[1]16.86	18.20	19.52	21.78	25.00	24.25
Metal and metal products:										
Iron ore, Mesabi	Long ton	10.78	13.90	17.83	19.38	20.95	21.55	22.43	26.56	28.50
Iron and steel scrap, No. 1 heavy melting [7]	Long ton	42.04	104.17	70.92	79.13	66.96	78.29	101.48	96.17	106.20
Steel rails, standard [8]	100 lb	6.80	10.53	12.72	14.17	15.17	16.90	18.80	21.35	23.18
Domestic copper, cathode	Lb	(NA)	.77	.64	.69	.66	(NA)	.91	(NA)	(NA)
Red brass ingot	Lb	.56	.84	.65	.70	.70	.73	.93	1.07	(NA)
Aluminum sheet	Lb	(NA)	.86	1.00	1.07	1.17	1.40	1.71	1.78	1.88
Nails, wire, 8d, common	50 lb	(NA)	9.15	10.67	10.74	11.52	12.06	13.16	14.63	15.37
Nonmetallic mineral products:										
Brick, building	1,000	(NA)	49.94	56.09	62.76	72.32	82.68	92.80	99.04	103.97
Glass, window, single B	50 sq. ft	6.60	9.04	8.93	9.02	9.76	10.84	(NA)	12.16	(NA)
Shingles, asphalt roofing, strip	Square	(NA)	11.56	13.24	14.04	14.95	17.52	[2]19.20	22.66	20.40
Miscellaneous:										
Cigarettes, filter tip, king size [9]	1,000	5.86	6.86	7.75	8.45	9.42	10.43	11.44	12.93	13.76
Soybean meal	Ton	79.08	142.42	123.65	161.54	190.58	172.54	(NA)	(NA)	(NA)

NA Not available. [1] 10-month average. [2] 11-month average. [3] Steer. [4] Dealer tankwagon. [5] Smoked sheets. [6] Softwood. [7] Consumers' buying price, including brokerage, delivered, Pittsburgh district. [8] Standard, carbon steel, No. 1 open hearth, 115 lb. per linear yard, control cooled, f.o.b. mill. [9] Excludes excise tax.

Source: U.S. Bureau of Labor Statistics, *Producer Prices and Price Indexes*, monthly and annual.

No. 754. Average Prices (Unit Values)—Selected Commodities Exported and Imported: 1970 to 1981

[In dollars per unit. Includes trade of Puerto Rico with foreign countries. Unit values obtained by dividing annual values of domestic exports and imports 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; thereafter, transaction values f.a.s. (free alongside ship) at port of export. 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	1976	1977	1978	1979	1980	1981
EXPORTS									
Wheat	Bushel	1.58	4.54	3.98	3.09	3.46	4.29	4.85	4.86
Milled rice, less than 75% broken kernels	Lb	.079	.189	.127	.140	.181	.180	.197	.240
Corn	Bushel	1.45	3.36	2.98	2.58	2.64	2.99	3.41	3.68
Grain sorghums	Bushel	1.32	3.05	2.82	2.51	2.60	2.87	3.34	3.65
Wheat flour	100 lb	3.85	10.34	9.97	8.24	8.83	11.01	12.17	12.75
Leaf tobacco, flue-cured, unstemmed	Lb	.921	1.46	1.59	1.69	1.97	2.06	2.11	2.40
Cigarettes	1,000	5.45	7.38	8.30	9.20	10.08	11.40	12.87	14.88
Soybeans	Bushel	2.80	6.24	5.89	7.38	8.08	7.43	7.35	7.71
Synthetic rubber, "s" type [1]	Lb	.177	.283	.307	.364	.377	.418	.402	.473
Woodpulp, special alpha and dissolving grades	Sh. ton	187.40	296.97	395.42	397.74	402.44	448.78	511.57	534.96
Cotton, upland, staple 1" to 1⅛"	Lb	.259	.542	.648	.704	.298	.670	.706	.805
Cotton, upland, staple, 1⅛" and over	Lb	.308	.601	.685	.757	.321	.754	.817	.872
Bituminous coal	Sh. ton	13.40	49.23	48.59	48.64	50.32	51.37	40.37	52.67
Steel scrap, No. 1, heavy melting	Sh. ton	43.37	84.53	72.85	61.19	74.50	100.05	102.20	87.84
Tallow, inedible	Lb	.087	.162	.169	.187	.202	.245	.218	.213
Soybean oil, crude	Lb	.122	.332	.207	.253	.268	.291	.269	.240
Carbon steel sheets, cold rolled	Lb	.077	.175	.138	.121	.160	.170	.184	.227
Polyethylene resin	Lb	.134	.257	.269	.271	.262	.368	.423	.401
Styrene, polymer, and copolymer resins	Lb	.193	.343	.339	.372	.452	.501	.576	.645
Container board liners	Lb	.062	.126	.120	.111	.112	.132	.156	.167
Nylon yarn, incl. monofilaments	Lb	.953	1.15	1.17	1.18	1.33	1.43	1.41	1.57
Carbon black, furnace	Lb	.090	.167	.218	.264	.294	.306	.331	.419
Copper, refined, crude forms	Lb	.671	.654	.701	.685	.637	.790	.974	.806
Aluminum metal and alloys	Lb	.263	.361	.389	.483	.531	.659	.807	.822
IMPORTS									
Canned beef	Lb	.425	.724	.744	.754	.768	1.11	1.44	1.45
Cashew nuts	Lb	.599	.846	.898	1.37	1.34	1.46	2.02	2.30
Raw sugar	Lb	.070	.245	.126	.092	.086	.101	.223	.212
Coffee (Brazil)	Lb	.474	.679	1.21	1.92	1.81	1.55	1.87	1.56
Coffee (Colombia)	Lb	.535	.683	1.07	2.00	1.83	1.53	1.70	1.37
Cocoa (cacao beans, Africa)	Lb	.352	.670	.617	.975	1.37	1.57	1.26	.854
Tea (Sri Lanka)	Lb	.390	.582	.534	1.06	.871	.841	.858	.814
Whisky, containers of 1 gal. or less (U.K.)	Proof gal	7.48	8.22	8.37	8.31	10.18	11.17	13.58	16.25
Whisky, containers of 1 gal. or less (Canada)	Proof gal	6.70	7.60	7.45	8.14	8.68	8.71	9.99	11.89
Cigarette leaf, unstemmed	Lb	.568	1.03	1.31	1.20	1.19	1.24	1.27	1.24
Goat and kid skins, dry	Lb	1.06	1.26	2.04	1.22	2.56	2.83	5.10	2.51
Crude rubber, except milk	Lb	.189	.238	.321	.360	.403	.529	.588	.512
Sawed lumber, fir	Mil. bd. ft	71.13	137.64	170.17	194.93	218.29	253.50	255.12	195.40
Sawed lumber, spruce	Mil. bd. ft	73.98	132.55	160.11	178.27	206.27	222.58	192.25	187.26
Woodpulp, sulphite, bleached, exc. rayon and special chemical grades	Sh. ton	142.90	323.72	311.92	304.01	296.12	363.72	443.79	464.60
Woodpulp, sulphate, bleached	Sh. ton	143.68	353.41	350.47	332.81	287.60	346.41	431.74	419.30
Apparel wool, 60's and finer [2]	Lb	.879	1.59	1.51	1.56	1.68	1.80	1.70	1.93
Iron ore (Canada)	Ton	12.42	22.15	25.12	27.46	28.89	30.18	33.61	37.72
Iron ore (Venezuela)	Ton	8.33	15.64	16.87	19.27	17.65	19.21	22.48	27.76
Manganese ore, metallurgical grade [3]	Lb	.020	.050	.057	.062	.059	.055	.069	.070
Bauxite, crude	Ton	10.91	20.67	24.16	25.73	27.74	26.78	27.81	28.81
Copper ores and concentrates [3]	Lb	.617	.566	.646	.586	.581	.800	.700	.728
Crude petroleum [4] (Venezuela)	Bbl	2.30	11.66	12.35	13.04	12.81	17.18	27.64	33.54
Newsprint	Sh. ton	140.11	244.10	265.23	285.37	280.80	321.50	368.98	411.50
Jute burlap	Lb	.230	.294	.241	.246	.288	.350	.379	.378
Concrete reinforcement bars	Lb	.051	.092	.076	.080	.093	.140	.150	.146
Steel tubes and pipes, at least .065" thick, ⅜" diameter	Lb	.075	.208	.134	.140	.138	.204	.233	.300
Copper, refined (Chile) [3]	Lb	.630	.531	.583	.578	.576	.848	.986	.786
Nickel in pigs, ingots, shot, etc.	Lb	1.30	1.88	2.07	2.15	1.93	2.34	3.17	3.06
Tin bars, blocks, pigs, etc. (Malaysia)	Lb	1.66	3.35	3.31	4.37	5.52	6.65	7.75	6.67

NA Not available. [1] Excludes latex (liquid). [2] Clean content. [3] Metal content. [4] 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*, Report FT 246, annual.

No. 755. Import Price Indexes—Selected Commodities: 1978 to 1982

[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. Prices are f.o.b. (free on board) foreign port or c.i.f. (cost, insurance and freight) U.S. port transaction prices, as indicated]

COMMODITY	Unit	1978	1979	1980	1981	1982
All commodities [1]	Sept. 1981=100	(NA)	(NA)	(NA)	(NA)	99.3
Food	Sept. 1977=100	90.8	100.8	104.4	97.8	91.6
Meat	June 1977=100	126.2	160.0	139.4	142.4	141.5
Fish	June 1977=100	101.8	121.8	124.4	134.8	135.8
Grain and grain preparations	Sept. 1977=100	106.0	118.0	131.1	138.1	137.3
Fruits and vegetables	June 1977=100	89.9	92.1	100.2	126.5	111.9
Sugar, sugar preparations and honey	March 1982=100	(NA)	(NA)	(NA)	(NA)	82.7
Coffee, tea, cocoa	June 1977=100	71.2	72.0	67.9	47.6	50.1
Beverages and tobacco	June 1977=100	109.9	121.0	136.3	147.7	153.3
Cork and wood	Sept. 1981=100	(NA)	(NA)	(NA)	(NA)	95.7
Wood pulp	Dec. 1981=100	(NA)	(NA)	(NA)	(NA)	96.0
Crude petroleum	June 1977=100	101.1	135.2	244.0	267.6	254.8
Intermediate manufactured products	Dec. 1977=100	107.9	125.5	141.9	143.4	138.1
Leather and furskins	June 1977=100	109.0	145.9	141.6	139.2	135.7
Rubber manufactures	June 1977=100	106.8	118.8	138.3	147.1	148.7
Cork and wood manufactures	June 1977=100	109.2	126.0	130.1	134.9	126.9
Paper and paperboard	June 1977=100	106.2	115.2	132.6	141.8	151.1
Textile fabrics	June 1977=100	109.0	118.9	132.8	135.5	131.0
Iron and steel	Sept. 1978=100	(NA)	110.3	119.4	130.6	128.1
Non-ferrous metals	Dec. 1981=100	(NA)	(NA)	(NA)	(NA)	87.4
Metal manufactures, n.e.s.[2]	June 1977=100	108.9	118.8	123.9	127.7	125.4
Plumbing, heating and lighting fixtures	June 1980=100	(NA)	(NA)	100.0	101.8	104.5
Furniture and parts	June 1980=100	(NA)	(NA)	100.0	98.4	101.1
Clothing	Sept. 1977=100	103.0	112.2	118.4	125.3	128.7
Professional, scientific and controlling instruments and apparatus	Dec. 1979=100	(NA)	(NA)	104.6	105.4	104.8
Photographic apparatus and supplies, optical goods, watches and clocks	March 1980=100	(NA)	(NA)	101.6	102.0	95.8

NA Not available. [1] Excludes chemicals. [2] N.e.s.=not elsewhere specified.

No. 756. Export Price Indexes—Selected Commodities: 1978 to 1982

[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	1978	1979	1980	1981	1982
Grain and grain preparations	March 1980=100	(NA)	(NA)	93.9	110.9	93.4
Cork and wood	June 1977=100	110.9	142.5	155.5	136.5	134.4
Textile fibers	June 1977=100	90.6	99.9	112.9	125.2	106.1
Bituminous coal (f.a.s.[1])	June 1981=100	(NA)	(NA)	(NA)	100.0	105.0
Hydrocarbons and derivatives (f.a.s.[1])	Dec. 1978=100	(NA)	138.2	178.5	181.1	154.0
Leather and furskins	Sept. 1979=100	(NA)	(NA)	80.4	80.3	70.1
Rubber manufactures	June 1977=100	104.4	111.4	123.4	138.1	146.2
Paper and paperboard products	June 1978=100	100.0	112.2	130.4	141.7	139.4
Machinery and transport equipment [2]	Dec. 1978=100	(NA)	103.5	112.8	123.2	132.7
Power generating machinery and equipment	Dec. 1978=100	(NA)	104.3	118.6	135.4	148.9
Machinery specialized for particular industries	Sept. 1978=100	(NA)	106.2	119.8	134.4	145.8
Metalworking machinery	June 1978=100	100.0	109.2	120.8	134.1	146.1
General industrial machinery and parts	Sept. 1978=100	(NA)	106.1	117.3	131.3	142.8
Office machines and ADP equipment	June 1977=100	102.0	100.8	100.8	105.7	105.3
Telecommunications, sound recording and reproducing equipment	June 1977=100	103.5	108.8	117.8	121.4	128.2
Electric machinery and equipment	June 1977=100	91.1	94.6	100.3	103.0	108.7
Professional, scientific and controlling instruments and apparatus	June 1977=100	106.6	116.9	128.0	144.9	160.8
Photographic apparatus, optical goods, watches and clocks	Dec. 1977=100	100.9	105.9	130.5	128.7	132.9

NA Not available. [1] f.a.s.=free alongside ship. [2] Excludes military and commercial aircraft.

Source of tables 755 and 756: U.S. Bureau of Labor Statistics, *News*, quarterly.

No. 757. Consumer Price Indexes, by Major Groups: 1950 to 1982

[1967=100. Annual averages of monthly figures, except as indicated. Prior to 1965, excludes Alaska and Hawaii. 1965–1977 indexes reflect buying patterns of urban wage earners and clerical workers in the 1960's, including single workers living alone as well as families of two or more persons; indexes for prior years apply only to families of two or more persons; beginning 1978, reflects buying patterns of all urban consumers in the 1970's. See text, p. 452. See also *Historical Statistics, Colonial Times to 1970*, series E 135–173]

YEAR	All items	Food	Rent, residential	Home ownership	Home purchase	Fuel oil and coal [1]	Gas and electricity	Apparel and upkeep	TRANSPORTATION		Medical care	All commodities	All services
									Private	Public			
1950	72.1	74.5	70.4	(NA)	(NA)	72.7	81.2	79.0	72.5	48.9	53.7	78.8	58.7
1951	77.8	82.8	73.2	(NA)	(NA)	76.5	81.5	86.1	75.8	54.0	58.3	85.9	61.8
1952	79.5	84.3	76.2	(NA)	(NA)	78.0	82.6	85.3	80.8	57.5	59.3	87.0	64.5
1953	80.1	83.0	80.3	75.0	86.5	81.5	84.2	84.6	82.4	61.3	61.4	86.7	67.3
1954	80.5	82.8	83.2	76.3	87.1	81.2	85.3	84.5	80.3	65.5	63.4	85.9	69.5
1955	80.2	81.6	84.3	77.0	87.3	82.3	87.5	84.1	78.9	67.4	64.8	85.1	70.9
1956	81.4	82.2	85.9	78.3	87.6	85.9	88.4	85.8	80.1	70.0	67.2	85.9	72.7
1957	84.3	84.9	87.5	81.7	90.0	90.3	89.3	87.3	84.7	72.7	69.9	88.6	75.6
1958	86.6	88.5	89.1	83.5	91.3	88.7	92.4	87.5	87.4	76.1	73.2	90.6	78.5
1959	87.3	87.1	90.4	84.4	91.3	89.8	94.7	88.2	91.1	78.3	76.4	90.7	80.8
1960	88.7	88.0	91.7	86.3	91.8	89.2	98.6	89.6	90.6	81.0	79.1	91.5	83.5
1961	89.6	89.1	92.9	86.9	92.3	91.0	99.4	90.4	91.3	84.6	81.4	92.0	85.2
1962	90.6	89.9	94.0	87.9	93.2	91.5	99.4	90.9	93.0	87.4	83.5	92.8	86.8
1963	91.7	91.2	95.0	89.0	94.2	93.2	99.4	91.9	93.4	88.5	85.6	93.6	88.5
1964	92.9	92.4	95.9	90.8	95.7	92.7	99.4	92.7	94.7	90.1	87.3	94.6	90.2
1965	94.5	94.4	96.9	92.7	97.0	94.6	99.4	93.7	96.3	91.9	89.5	95.7	92.2
1966	97.2	99.1	98.2	96.3	98.6	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	102.4	105.7	102.8	103.1	100.9	105.4	103.0	104.6	106.1	103.7	105.2
1969	109.8	108.9	105.7	116.0	109.5	105.6	102.8	111.5	106.5	112.7	113.4	108.4	112.5
1970	116.3	114.9	110.1	128.5	118.3	110.1	107.3	116.1	111.1	128.5	120.6	113.5	121.6
1971	121.3	118.4	115.2	133.7	124.8	117.5	114.7	119.8	116.6	137.7	128.4	117.4	128.4
1972	125.3	123.5	119.2	140.1	130.0	118.5	120.5	122.3	117.5	143.4	132.5	120.9	133.3
1973	133.1	141.4	124.3	146.7	132.7	136.0	126.4	126.8	121.5	144.8	137.7	129.9	139.1
1974	147.7	161.7	130.6	163.2	142.7	214.6	145.8	136.2	136.6	148.0	150.5	145.5	152.1
1975	161.2	175.4	137.3	181.7	160.3	235.3	169.6	142.3	149.8	158.6	168.6	158.4	166.6
1976	170.5	180.8	144.7	191.7	168.4	250.8	189.0	147.6	164.6	174.2	184.7	165.2	180.4
1977	181.5	192.2	153.5	204.9	179.5	283.4	213.4	154.2	176.6	182.4	202.4	174.7	194.3
1978	195.4	211.4	164.0	227.2	196.7	298.3	232.6	159.6	185.0	187.8	219.4	187.1	210.9
1979	217.4	234.5	176.0	262.4	223.1	403.1	257.8	166.6	212.3	200.3	239.7	208.4	234.2
1980	246.8	254.6	191.6	314.0	254.3	556.0	301.8	178.4	249.2	251.6	265.9	233.9	270.3
1981	272.4	274.6	208.2	352.7	267.7	675.9	345.9	186.9	277.5	312.0	294.5	253.6	305.7
1982, May	287.1	285.5	221.8	377.4	279.3	644.6	388.6	191.5	281.5	342.1	323.8	261.5	331.8

NA Not available. [1] Includes bottled gas.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review* and *Handbook of Labor Statistics*, annual.

No. 758. Consumer Price Indexes—Annual Percent Change in Major Groups: 1970 to 1982

[See headnote, table 757. See also table 759 for base figures. Minus sign (–) denotes decrease]

ALL ITEMS	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982 [1]
All items	**5.9**	**4.3**	**3.3**	**6.2**	**11.0**	**9.1**	**5.8**	**6.5**	**7.7**	**11.3**	**13.5**	**10.4**	**6.7**
Food	5.5	3.1	4.3	14.5	14.4	8.5	3.1	6.3	10.0	10.9	8.6	7.9	4.8
Housing:													
Rent, residential	4.2	4.6	3.5	4.3	5.1	5.1	5.4	6.1	6.8	7.3	8.9	8.7	7.7
Home ownership	10.8	4.1	4.8	4.7	11.3	11.3	5.6	6.9	10.9	15.5	19.7	12.3	9.4
Home purchase	8.0	5.5	4.2	2.1	7.5	12.3	5.1	6.6	9.6	13.4	14.0	5.3	6.2
Mortgage interest	10.1	–8.9	–2.4	4.9	13.8	1.4	–.8	–1.7	5.9	12.7	18.6	16.2	7.2
Fuel oil and coal [2]	4.3	6.7	.9	14.8	57.8	9.7	6.6	13.0	5.3	35.1	37.9	21.6	–6.0
Gas and electricity	4.4	6.9	5.1	4.9	15.3	16.3	11.4	12.9	9.0	10.8	17.1	14.6	14.4
Apparel and upkeep	4.1	3.2	2.1	3.7	7.4	4.5	3.7	4.5	3.5	4.4	7.1	4.8	2.7
Private transportation	4.3	5.0	.8	3.4	12.4	9.7	9.9	7.3	4.8	14.8	17.4	11.4	2.0
Automobiles, new	3.1	4.1	–.9	.1	5.8	8.6	6.3	5.3	7.6	7.9	8.0	6.1	3.5
Gasoline	.9	.7	1.2	9.8	35.4	6.8	4.2	5.8	4.3	35.3	39.0	11.3	–11.1
Auto insurance rates	13.7	11.4	–.4	–1.8	.1	5.6	28.8	12.0	2.9	5.6	8.2	4.7	5.8
Public transportation	14.0	7.2	4.1	1.0	2.2	7.2	9.8	4.7	3.0	6.7	25.6	24.0	14.9
Intercity bus fare	7.0	12.1	5.6	4.0	10.5	15.5	5.9	13.5	7.5	8.2	14.3	14.4	9.8
Medical care	6.4	6.5	3.2	3.9	9.3	12.0	9.5	9.6	8.4	9.3	10.9	10.8	12.0
Entertainment	5.1	5.3	2.9	2.8	7.5	8.9	5.0	4.9	5.3	6.7	8.9	7.8	6.4
Personal care	3.6	3.2	2.6	4.5	9.7	9.8	6.5	6.5	6.5	7.6	8.8	8.9	6.9
All services	8.1	5.6	3.8	4.4	9.3	9.5	8.3	7.7	8.5	11.0	15.4	13.1	10.7
All commodities	4.7	3.4	3.0	7.4	12.0	8.9	4.3	5.8	7.1	11.4	12.2	8.4	3.8

[1] Change from May 1981–May 1982. [2] Includes bottled gas.

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

No. 759. Consumer Price Indexes for Selected Items and Groups: 1970 to 1982

[1967 = 100. Annual averages of monthly figures, except as indicated. See headnote, table 757]

COMMODITY	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982, May
All items	**116.3**	**133.1**	**147.7**	**161.2**	**170.5**	**181.5**	**195.4**	**217.4**	**246.8**	**272.4**	**287.1**
Food and beverages	**114.7**	**139.5**	**158.7**	**172.1**	**177.4**	**188.0**	**206.3**	**228.5**	**248.0**	**267.3**	**278.1**
Food	114.9	141.4	161.7	175.4	180.8	192.2	211.4	234.5	254.6	274.6	285.5
Food at home	113.7	141.4	162.4	175.8	179.5	190.2	210.2	232.9	251.5	269.9	279.8
Cereals and bakery products	108.9	127.7	166.1	184.8	180.6	183.5	199.9	220.1	246.4	271.1	283.3
Meats, poultry, fish, eggs	117.3	160.4	163.7	176.4	178.9	177.5	204.3	234.2	242.2	252.8	261.0
Dairy products	111.8	127.9	151.9	156.6	169.3	173.9	185.6	207.1	227.4	243.6	247.0
Fruits and vegetables	113.4	142.5	165.8	171.0	175.4	191.6	212.9	230.0	246.7	276.3	297.9
Sugar and sweets	115.1	128.3	195.2	246.2	218.2	229.4	257.5	277.6	341.3	368.3	365.7
Fats and oils	105.8	126.4	179.4	198.6	173.7	191.4	209.6	226.3	241.2	267.1	260.6
Nonalcoholic beverages	117.4	130.2	155.6	178.9	214.0	322.4	340.8	357.8	395.8	412.6	425.6
Other prepared foods	109.4	119.0	144.3	163.0	169.4	175.4	189.4	208.5	231.1	254.9	267.5
Food away from home	119.9	141.4	159.4	174.3	186.1	200.3	218.4	242.9	267.0	291.0	304.8
Alcoholic beverages	112.3	122.5	131.8	142.1	146.8	150.9	159.8	172.4	186.3	199.5	208.0
Housing [1]	**118.2**	**133.7**	**148.8**	**164.5**	**174.6**	**186.5**	**202.8**	**227.6**	**263.3**	**293.5**	**313.8**
Shelter	123.6	140.7	154.4	169.7	179.0	191.1	210.4	239.7	281.7	314.7	336.7
Rent	110.1	124.3	130.6	137.3	144.7	153.5	164.0	176.0	191.6	208.2	221.8
Home purchase	118.3	132.7	142.7	160.3	166.4	179.5	196.7	223.1	254.3	267.7	279.3
Mortgage interest rates	132.1	123.2	140.2	142.1	140.9	138.5	146.7	165.4	196.1	227.9	240.2
Property taxes	121.0	152.3	151.2	158.8	167.6	182.3	192.1	182.6	189.7	202.7	218.3
Maintenance and repairs	124.0	151.0	171.6	187.6	199.6	214.7	233.0	256.4	285.7	314.4	334.5
Fuel and other utilities	107.6	126.9	150.2	167.8	182.7	202.2	216.0	239.3	278.6	319.2	345.4
Fuel oil, coal, and bottled gas	110.1	136.0	214.6	235.3	250.8	283.4	298.3	403.1	556.0	675.9	644.6
Fuel oil	109.3	134.5	213.0	230.6	247.2	280.2	296.9	416.8	579.7	709.2	670.6
Gas (piped) and electricity	107.3	126.4	145.8	169.6	189.0	213.4	232.6	257.8	301.8	345.9	388.6
Electricity	106.2	124.9	147.5	167.0	177.6	189.3	203.4	219.1	253.4	291.5	314.9
Household furnishings and operation [2]	111.5	121.6	135.3	151.0	160.1	167.5	177.7	190.3	205.4	221.3	233.4
Housefurnishings [1]	109.3	115.8	125.6	137.4	142.9	147.6	154.3	163.1	174.2	185.2	194.7
Apparel and upkeep [3]	**116.1**	**126.8**	**136.2**	**142.3**	**147.6**	**154.2**	**159.6**	**166.6**	**178.4**	**186.9**	**191.5**
Apparel commodities	116.5	127.1	136.1	141.2	145.8	151.6	155.7	161.1	171.1	177.7	180.9
Apparel commodities [4]	116.3	126.5	135.7	140.6	144.9	150.6	154.2	158.5	167.8	174.0	176.7
Men's and boys'	117.1	126.4	136.4	142.2	147.2	154.0	157.3	160.8	168.4	177.5	183.8
Women's and girls'	116.0	127.3	134.9	138.1	141.9	146.4	149.3	151.9	155.1	157.5	159.1
Footwear	117.7	130.2	138.1	144.2	149.9	156.9	163.8	176.7	190.3	200.4	206.5
Transportation	**112.7**	**123.8**	**137.7**	**150.6**	**165.5**	**177.2**	**185.5**	**212.0**	**249.7**	**280.0**	**285.6**
Private	111.1	121.5	136.6	149.8	164.6	176.6	185.0	212.3	249.2	277.5	281.5
Automobiles, new	107.6	111.1	117.5	127.6	135.7	142.9	153.8	166.0	179.3	190.2	197.5
Automobiles, used	104.3	117.6	122.6	146.4	167.9	182.8	186.5	201.0	208.1	256.9	291.4
Gasoline	105.6	118.1	159.9	170.8	177.9	188.2	196.3	265.6	369.1	410.9	370.4
Auto insurance rates	126.7	138.0	138.1	145.9	187.9	210.5	216.6	228.7	247.4	259.0	271.6
Public	128.5	144.8	148.0	158.6	174.2	182.4	187.8	200.3	251.6	312.0	342.1
Intracity mass transit	134.5	150.1	148.0	155.5	173.3	178.5	181.8	189.8	217.6	274.8	308.3
Intercity bus fare	118.4	145.7	161.0	186.0	196.9	223.5	240.2	260.0	297.1	339.8	366.0
Airline fares	118.5	134.7	145.9	159.0	172.2	182.0	190.6	205.8	284.8	358.4	388.9
Medical care	**120.6**	**137.7**	**150.5**	**168.6**	**184.7**	**202.4**	**219.4**	**239.7**	**265.9**	**294.5**	**323.8**
Prescription drugs	101.2	100.5	102.9	109.3	115.2	122.1	131.6	141.8	154.8	172.5	190.4
Physicians' services	121.4	138.2	150.9	169.4	188.5	206.0	223.1	243.6	269.3	299.0	324.0
Dental services	119.4	136.4	146.8	161.9	172.2	185.1	198.1	214.8	240.2	263.3	282.1
Hospital room	145.4	182.1	201.5	236.1	268.6	299.5	332.4	370.3	418.9	481.1	543.8
Entertainment	**116.7**	**130.0**	**139.8**	**152.2**	**159.8**	**167.7**	**176.6**	**188.5**	**205.3**	**221.4**	**234.4**
Entertainment commodities	113.5	126.3	137.1	152.1	160.4	168.8	177.7	189.3	208.2	225.2	238.8
Newspapers	119.4	135.8	155.4	174.5	182.1	192.2	200.4	213.7	238.2	262.6	281.6
Entertainment services	121.0	134.9	143.2	152.4	159.0	166.2	175.4	187.6	201.6	216.3	228.7
Other goods and services [1]	**116.8**	**132.5**	**142.0**	**153.9**	**162.7**	**172.2**	**183.3**	**196.7**	**214.5**	**235.7**	**255.0**
Tobacco products	121.2	137.0	143.8	153.9	160.5	168.2	177.3	187.9	202.6	218.9	237.4
Personal care	113.2	125.2	137.3	150.7	160.5	170.9	182.0	195.8	213.1	232.0	246.5
Toilet goods [5]	110.4	120.0	133.3	150.0	158.5	167.5	176.6	188.7	206.1	227.2	244.5
Personal care services	116.0	130.6	141.5	151.4	162.5	174.4	187.3	202.7	219.9	237.0	249.2
Personal and educational expenses	118.2	143.4	151.3	162.4	173.1	184.1	198.0	213.8	236.2	265.8	292.8
All services	**121.6**	**139.1**	**152.1**	**166.6**	**180.4**	**194.3**	**210.9**	**234.2**	**270.3**	**305.7**	**331.8**
Services less rent	123.7	141.8	156.0	171.9	186.8	201.6	219.4	244.9	285.1	324.3	352.8
Household services [1]	126.4	145.2	165.1	183.6	197.2	212.4	234.7	267.2	319.1	368.8	403.0
Transportation services	123.1	136.9	141.9	152.7	174.3	188.4	197.4	212.8	242.6	271.6	291.3
Medical care services	124.2	144.3	159.1	179.1	197.1	216.7	235.4	258.3	287.4	318.2	350.2
Other services [1]	117.3	132.6	142.6	153.1	162.3	172.5	184.7	199.8	218.7	239.2	255.9
All commodities	**113.5**	**129.9**	**145.5**	**158.4**	**165.2**	**174.7**	**187.1**	**208.4**	**233.9**	**253.6**	**261.5**
Durable	111.8	121.9	130.6	145.5	154.3	163.2	173.9	191.1	210.4	227.1	239.8
Nondurable	114.0	132.8	151.0	163.2	169.2	178.9	192.0	215.9	245.0	266.3	270.7
All commodities less food	**112.5**	**123.5**	**136.6**	**149.1**	**156.6**	**165.1**	**174.7**	**195.1**	**222.0**	**241.2**	**247.8**
Nondurables less food	113.1	124.8	140.9	151.7	158.3	166.5	174.3	198.7	235.2	257.5	256.2
Nondurables less food, apparel	111.2	123.4	143.8	157.9	165.7	175.3	185.0	218.2	267.1	296.6	293.4

[1] Household services less rent. Index series underwent a change in definition effective with the 1978 revision. Therefore, these data differ from those previously published. [2] Includes housekeeping supplies and services. [3] Includes apparel services. [4] Except footwear. [5] Includes personal care appliances.

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

No. 760. Annual Percent Changes in Consumer Prices, United States and OECD Countries: 1965 to 1981

[Covers member countries of Organisation for Economic Co-operation and Development (OECD). For consumer price indexes for OECD countries, see section 33]

COUNTRY	1965-1970, avg.	1970-1975, avg.	1975-1980, avg.	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
United States	4.2	6.7	8.9	5.9	3.3	6.2	11.0	9.1	5.8	6.5	7.7	11.3	13.5	10.4
OECD, total	4.2	8.5	9.6	5.6	4.7	7.8	13.4	11.3	8.7	8.9	8.0	9.8	12.9	10.6
OECD, Europe	4.0	9.6	11.3	5.1	6.5	8.6	13.3	13.2	11.0	11.3	9.3	10.6	14.2	12.3
Australia	3.1	10.2	10.6	3.9	5.8	9.5	15.1	15.1	13.5	12.3	7.9	9.1	10.2	9.7
Canada	3.8	7.3	8.7	3.3	4.8	7.6	10.8	10.8	7.5	8.0	9.0	9.1	10.1	12.5
Japan	5.5	11.5	6.5	7.7	4.5	11.7	24.5	11.8	9.3	8.1	3.8	3.6	8.0	4.9
New Zealand	1.9	10.2	14.8	6.5	6.9	8.2	11.1	14.7	16.9	14.3	12.0	13.8	17.1	15.4
Austria	3.3	7.3	5.3	4.4	6.3	7.6	9.5	8.4	7.3	5.5	3.6	3.7	6.4	6.8
Belgium	3.5	8.4	6.4	3.9	5.5	7.0	12.7	12.8	9.2	7.1	4.5	4.5	6.6	7.6
Denmark	6.4	9.3	10.4	5.8	6.6	9.3	15.3	9.6	9.0	11.1	10.0	9.6	12.3	11.7
Finland	4.7	11.7	10.7	2.8	7.1	10.7	16.9	17.9	14.4	12.2	7.8	7.5	11.6	12.0
France	4.3	8.8	10.4	5.2	6.1	7.3	13.7	11.8	9.6	9.4	9.1	10.8	13.6	13.4
Germany, Fed. Rep. of	2.6	6.1	4.1	3.4	5.5	6.9	7.0	6.0	4.5	3.7	2.7	4.1	5.5	5.9
Greece	2.5	12.3	16.3	3.2	4.3	15.5	26.9	13.4	13.3	12.1	12.6	19.0	24.9	24.5
Ireland	5.3	13.3	14.1	8.2	8.7	11.4	17.0	20.9	18.0	13.6	7.6	13.3	18.2	20.4
Italy	3.0	11.3	16.6	5.0	5.7	10.8	19.1	17.0	16.8	18.4	12.1	14.8	21.2	19.5
Luxembourg	3.0	7.2	6.1	4.6	5.2	6.1	9.5	10.7	9.8	6.7	3.1	4.5	6.3	8.1
Netherlands	4.8	8.6	6.0	3.6	7.8	8.0	9.6	10.2	8.8	6.4	4.1	4.2	6.5	6.7
Norway	4.9	8.4	8.4	10.6	7.2	7.5	9.4	11.7	9.1	9.1	8.1	4.8	10.9	13.6
Portugal [1]	5.5	15.4	21.8	6.3	8.9	11.5	29.2	20.4	19.3	27.2	22.5	23.9	16.6	20.0
Spain	5.1	12.1	18.6	5.7	8.3	11.4	15.7	16.9	17.7	24.5	19.8	15.7	15.5	14.6
Sweden	4.5	8.0	10.5	7.0	6.0	6.7	9.9	9.8	10.3	11.4	10.0	7.2	13.7	12.1
Switzerland	3.5	7.7	2.3	3.6	6.7	8.7	9.8	6.7	1.7	1.3	1.1	3.6	4.0	6.5
Turkey [1]	8.1	18.6	50.1	7.9	15.4	14.0	23.9	21.2	17.4	26.0	61.9	63.5	94.3	37.6
United Kingdom	4.6	13.0	14.4	6.4	7.1	9.2	16.0	24.2	16.5	15.8	8.3	13.4	18.0	11.9

[1] Excludes rent.

Source: Organisation for Economic Co-operation and Development, Paris, France, *Main Economic Indicators*, monthly.

No. 761. Consumer Price Indexes for All Urban Consumers—U.S. Regions: 1970 to 1981

[**December 1977=100.** For composition of regions, see fig. I, inside front cover]

REGION	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
All items:												
Northeast	63.0	66.3	68.9	73.3	81.4	87.9	92.9	98.1	104.3	114.7	129.4	143.3
North Central	63.2	65.5	67.5	71.5	79.3	86.2	91.2	97.4	105.3	118.2	134.0	146.6
South	61.5	64.0	66.0	70.3	78.8	86.5	91.3	97.4	105.4	117.4	132.9	147.2
West	61.7	63.8	65.9	69.7	77.1	85.1	90.2	96.9	105.1	117.3	134.6	148.5
Food:												
Northeast	59.0	61.4	63.8	72.5	83.1	89.8	92.8	98.0	107.2	118.0	128.6	138.9
North Central	58.7	60.2	62.8	72.2	82.8	88.6	92.0	97.9	108.0	119.8	130.0	139.4
South	57.9	59.4	62.1	71.8	80.9	89.8	92.0	98.0	107.9	120.1	130.4	140.7
West	58.2	59.8	62.5	71.0	81.1	88.3	90.2	97.1	108.0	120.2	130.2	141.0
Housing:												
Northeast	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	104.3	115.2	132.3	148.7
North Central	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	106.1	121.1	140.0	153.5
South	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	106.0	119.0	136.8	153.2
West	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	105.1	117.8	138.5	154.1
Population-size class:												
Less than 75,000	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	104.9	116.6	131.3	144.8
75,000 to 384,999	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	105.4	117.8	133.1	146.4
385,000 to 1,249,999	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	105.2	117.8	134.0	148.6
1,250,000 to 4,000,000	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	105.1	117.2	133.5	147.8
Over 4,000,000	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	104.5	115.4	131.1	143.8
ANNUAL PERCENT CHANGE												
All items:												
Northeast	[1] 6.6	5.2	3.9	6.4	11.1	8.0	5.7	5.6	6.3	10.0	12.7	10.7
North Central	[1] 5.7	3.6	3.1	5.9	10.9	8.7	5.8	6.8	8.1	12.3	13.3	9.4
South	[1] 5.3	4.1	3.1	6.5	12.1	9.8	5.5	6.7	8.2	11.4	13.3	10.8
West	[1] 5.1	3.4	3.3	5.8	10.6	10.4	6.0	7.4	8.5	11.6	14.8	10.3

NA Not available. [1] Change from 1969.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review* and in *Consumer Price Indexes*.

No. 762. Consumer Price Indexes—Selected Cities or SMSA's: 1960 to 1981

[1967=100, except as noted. Annual averages of monthly figures. For coverage details, see headnote, table 757, and text, p. 452. Area is generally the standard metropolitan statistical area (SMSA), exclusive of farms. Los Angeles-Long Beach, Anaheim, Calif. is a combination of two SMSA's, and New York, N.Y.-Northeastern N.J. and Chicago, Ill.-Northwestern Ind. are the more extensive standard consolidated areas. Area definitions are those established by the Office of Management and Budget in 1973, except for Denver-Boulder, Colo. which does not include Douglas County. Definitions do not include revisions made since 1973]

CITY/SMSA	ALL ITEMS									
	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
City average [1,2]	**88.7**	**94.5**	**116.3**	**133.1**	**147.7**	**161.2**	**170.5**	**181.5**	**195.4**	**217.4**
Anchorage, Alaska [3]	(NA)	(NA)	(NA)	120.8	133.9	152.3	164.1	175.0	187.5	207.0
Atlanta, Ga	89.3	94.0	116.5	133.7	148.5	161.7	169.2	179.6	192.6	212.7
Baltimore, Md	89.1	94.4	117.0	134.9	152.4	165.2	173.9	185.9	199.6	218.2
Boston, Mass	86.5	94.5	116.7	134.7	148.7	162.1	174.5	183.4	193.1	212.9
Buffalo, N.Y	(NA)	94.2	116.1	134.8	149.5	161.8	170.6	181.7	193.0	211.3
Chicago, Ill.-Northwestern Ind	90.7	94.7	116.3	132.0	146.1	157.6	165.1	175.6	190.7	214.6
Cincinnati, Ohio-Ky.-Ind	90.0	94.4	115.7	132.1	146.3	160.3	170.1	182.2	199.1	223.8
Cleveland, Ohio	90.6	94.7	119.3	134.1	147.8	160.9	169.0	180.5	193.9	219.5
Dallas-Fort Worth, Tex	(NA)	93.8	117.8	132.0	145.3	158.2	167.7	180.2	194.0	218.6
Denver-Boulder, Colo	(NA)	(NA)	(NA)	131.9	146.5	161.3	170.3	184.7	202.1	233.5
Detroit, Mich	88.2	92.6	117.4	134.5	149.0	160.1	168.8	180.4	194.1	218.8
Honolulu, Hawaii	(NA)	94.6	114.2	128.3	141.9	155.0	162.8	171.0	184.1	204.6
Houston, Tex	89.2	94.8	116.8	132.3	147.8	164.9	177.3	190.2	208.2	235.7
Kansas City, Mo.-Kans	86.9	95.5	115.8	130.3	144.2	157.9	166.5	178.3	191.8	219.2
Los Angeles-Long Beach-Anaheim, Calif	88.5	95.7	114.3	129.2	142.5	157.6	168.0	179.6	192.8	213.7
Miami, Fla	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	104.5	114.8
Milwaukee, Wis	90.2	95.8	115.6	131.5	144.1	157.0	167.1	177.9	192.3	218.8
Minneapolis-St. Paul, Minn.-Wis	89.0	94.5	117.5	133.0	148.3	160.9	170.9	183.0	199.7	222.6
New York, N.Y.-Northeast, N.J	87.3	94.3	119.0	139.7	154.8	166.6	176.3	185.5	196.1	213.1
Northeast, Pa	86.9	94.1	116.3	134.7	151.1	164.7	170.9	179.8	191.9	210.7
Philadelphia, Pa.-N.J	88.4	94.7	117.8	135.5	151.6	164.2	172.4	183.5	194.3	213.6
Pittsburgh, Pa	90.5	95.8	116.4	132.9	147.3	160.0	168.3	179.8	195.5	217.3
Portland, Oreg.-Wash	87.1	94.6	113.2	127.3	142.8	156.5	167.0	180.2	198.4	225.4
St. Louis, Mo.-Ill	87.7	94.1	115.2	129.3	142.2	156.1	165.1	176.6	191.5	215.8
San Diego, Calif	(NA)	95.2	115.3	132.5	147.2	160.8	170.7	182.0	200.1	233.1
San Francisco-Oakland, Calif	87.8	94.7	115.8	131.5	144.4	159.1	168.0	180.8	197.8	214.6
Seattle-Everett, Wash	87.9	94.5	114.0	127.5	141.5	155.8	164.5	177.6	194.8	216.3
Washington, D.C.-Md.-Va	87.7	94.1	117.6	135.0	150.0	161.6	171.1	183.0	197.0	218.6

	1980, all items	1981							
		All items	Food and beverages	Housing	Fuel and other utilities	Apparel and upkeep	Transportation	Medical care	Entertainment
City average [1,2]	**246.8**	**272.4**	**267.3**	**293.5**	**319.2**	**186.9**	**280.0**	**294.5**	**221.4**
Anchorage, Alaska [3]	228.2	246.5	275.4	244.1	220.0	186.8	253.2	313.1	221.6
Atlanta, Ga	242.3	272.0	271.0	292.9	274.9	186.3	269.3	290.0	194.7
Baltimore, Md	250.3	273.6	266.6	302.2	315.5	203.6	268.5	285.0	216.2
Boston, Mass	240.0	266.7	252.3	282.2	380.4	201.8	307.0	278.1	224.4
Buffalo, N.Y	235.6	257.6	262.7	265.9	396.8	207.1	267.4	249.1	219.4
Chicago, Ill.-Northwestern, Ind	245.5	269.0	265.4	283.0	281.2	159.2	285.0	301.3	240.5
Cincinnati, Ohio-Ky.-Ind	254.0	272.1	280.7	281.8	322.4	207.7	261.5	321.9	202.1
Cleveland, Ohio	252.9	279.3	269.9	296.5	316.7	185.1	271.3	322.6	213.3
Dallas-Fort Worth, Tex	255.6	284.9	273.6	314.2	289.2	195.3	287.0	284.0	217.2
Denver-Boulder, Colo	261.5	290.8	250.7	345.6	295.3	179.8	276.3	273.0	235.9
Detroit, Mich	253.5	277.1	260.5	304.6	333.6	159.1	279.7	320.1	201.9
Honolulu, Hawaii	228.5	252.4	275.4	240.3	339.1	193.4	247.1	289.4	224.8
Houston, Tex	265.4	291.9	290.5	323.6	357.8	226.4	263.0	321.7	223.6
Kansas City, Mo.-Kans	248.1	268.6	268.7	285.1	284.6	195.0	268.8	293.5	208.5
Los Angeles-Long Beach-Anaheim, Calif	247.3	271.4	259.6	295.8	250.3	174.8	282.5	310.7	199.2
Miami, Fla. [4]	130.8	145.8	140.3	151.9	140.3	122.9	153.2	141.4	122.2
Milwaukee, Wis	251.5	280.1	262.5	304.7	347.2	201.4	284.3	301.3	235.8
Minneapolis-St. Paul, Minn.-Wis	247.8	278.3	269.4	313.1	316.0	178.5	263.1	263.9	252.1
New York, N.Y.-Northeast, N.J	237.2	260.5	267.1	268.1	367.0	176.8	296.3	296.7	223.7
Northeast, Pa	237.1	264.1	255.9	285.8	415.7	180.9	273.2	312.2	230.4
Philadelphia, Pa.-N.J	241.4	266.0	269.6	280.4	340.5	179.4	285.6	313.7	214.1
Pittsburgh, Pa	247.2	272.5	269.0	293.3	281.5	183.1	296.1	296.9	221.0
Portland, Oreg.-Wash	255.4	278.2	262.9	304.5	356.9	181.5	268.9	300.4	208.3
St. Louis, Mo.-Ill	244.9	267.5	266.2	285.1	261.1	181.8	267.5	275.4	224.1
San Diego, Calif	268.5	304.6	266.5	367.4	264.5	186.5	274.3	276.6	215.0
San Francisco-Oakland, Calif	247.3	279.0	260.2	310.3	311.2	191.1	279.9	292.3	221.2
Seattle-Everett, Wash	252.1	279.7	255.5	313.7	303.9	189.6	266.8	291.6	219.2
Washington, D.C.-Md.-Va	244.7	267.3	274.1	277.3	289.1	186.0	276.5	296.6	203.2

NA Not available. [1] Based on 46 cities for 1960, 50 urban areas for 1965, 56 areas beginning 1970, and 85 areas beginning 1978. Includes medium and small sized cities, not shown separately. [2] Excludes Portland, Oreg., until 1978. For 1965, excludes Cincinnati, Ohio-Ky.; Houston, Tex.; Kansas City, Mo.-Kans.; Milwaukee, Wis.; Minneapolis-St. Paul, Minn.; and San Diego, Calif. [3] October 1967=100. [4] November 1977=100.

Source: U.S. Bureau of Labor Statistics, *Monthly Labor Review*, and in *Consumer Price Indexes, Detailed Report*.

No. 763. Urban Budgets for a 4-Person Family and for a Retired Couple: 1970 to 1981

[In dollars. 4-person family refers to annual living costs for a family comprising a 38-year-old employed husband, a wife not employed outside the home, an 8-year-old girl, and a 13-year-old boy. Retired couple refers to a retired husband 65 years old or over and his wife. The 3 budget levels reflect costs of different specified types and amounts of goods and services. Each level provides for average inventories of clothing, housefurnishings, major durables, and other equipment. Metropolitan areas are as defined in 1960-61. For a detailed description of geographic boundaries and definition, see U.S. Office of Management and Budget *Standard Metropolitan Statistical Areas, 1967*]

ITEM	LOWER BUDGET [1]			INTERMEDIATE BUDGET			HIGHER BUDGET		
	Urban U.S.	Metro. areas	Non-metro. areas [2]	Urban U.S.	Metro. areas	Non-metro. areas [2]	Urban U.S.	Metro. areas	Non-metro. areas [2]
4-PERSON FAMILY									
Total cost, spring 1970	6,960	7,061	6,512	10,664	10,933	9,600	15,511	15,971	13,459
Total cost, autumn 1973	8,181	8,305	7,626	12,626	12,909	11,363	18,201	18,760	15,708
Total cost, autumn 1974	9,198	9,323	8,639	14,333	14,644	12,945	20,777	21,381	18,081
Total cost, autumn 1975	9,588	9,720	9,002	15,318	15,638	13,886	22,294	22,940	19,412
Total cost, autumn 1976	10,041	10,189	9,382	16,236	16,596	14,625	23,759	24,492	20,486
Total cost, autumn 1977	10,481	10,636	9,790	17,106	17,498	15,353	25,202	25,983	21,712
Total cost, autumn 1978	11,546	11,685	10,925	18,622	19,982	17,016	27,420	28,186	24,000
Total cost, autumn 1979	12,585	12,722	11,972	20,517	20,935	18,651	30,317	31,187	26,432
Total cost, autumn 1980	**14,044**	**14,203**	**13,331**	**23,134**	**23,597**	**21,070**	**34,409**	**35,391**	**30,024**
Cost of consumption, total	11,243	11,353	10,752	16,969	17,250	15,713	23,266	23,802	20,872
Food	4,321	4,372	4,096	5,571	5,642	5,257	7,024	7,165	6,393
Housing [3]	2,608	2,652	2,412	5,106	5,220	4,598	7,747	7,969	6,755
Transportation	1,160	1,103	1,413	2,116	2,126	2,071	2,751	2,801	2,528
Clothing and personal care	1,259	1,271	1,201	1,763	1,779	1,696	2,556	2,576	2,465
Medical care	1,298	1,334	1,136	1,303	1,339	1,143	1,359	1,396	1,194
Other family consumption	597	621	492	1,109	1,145	946	1,829	1,894	1,537
Other costs [4]	583	587	569	957	967	913	1,610	1,637	1,491
Social Security and disability insurance payments	881	894	825	1,427	1,456	1,299	1,608	1,611	1,596
Personal income taxes	1,337	1,370	1,185	3,781	3,924	3,146	7,924	8,340	6,065
Total cost, autumn 1981	**15,323**	**15,481**	**14,619**	**25,407**	**25,893**	**23,238**	**38,060**	**39,117**	**33,338**
Cost of consumption, total	12,069	12,179	11,579	18,240	18,523	16,978	25,008	25,560	22,545
Food	4,545	4,597	4,313	5,843	5,915	5,521	7,366	7,512	6,713
Housing [3]	2,817	2,863	2,612	5,546	5,659	5,045	8,423	8,652	7,403
Transportation	1,311	1,248	1,591	2,372	2,380	2,333	3,075	3,126	2,847
Clothing and personal care	1,316	1,327	1,265	1,841	1,853	1,785	2,666	2,683	2,595
Medical care	1,436	1,475	1,266	1,443	1,481	1,274	1,505	1,544	1,331
Other family consumption	644	670	532	1,196	1,235	1,020	1,972	2,043	1,657
Other costs [4]	621	624	606	1,021	1,031	978	1,718	1,746	1,595
Social Security and disability insurance payments	1,036	1,049	981	1,703	1,736	1,553	1,993	1,995	1,984
Personal income taxes	1,596	1,629	1,453	4,443	4,602	3,730	9,340	9,817	7,215
Percent change—									
Total cost, 1970-1975	37.8	37.7	38.2	43.6	43.0	44.6	43.7	43.6	44.2
Total cost, 1975-1980	46.5	46.1	48.1	51.0	50.9	51.7	54.3	54.3	54.7
Total cost, 1980-1981	9.1	9.0	9.7	9.8	9.7	10.3	10.6	10.5	11.0
RETIRED COUPLE									
Total cost, spring 1970	3,109	3,188	2,872	4,489	4,679	3,917	7,114	7,503	5,949
Total cost, autumn 1973	3,763	3,865	3,457	5,414	5,637	4,746	8,043	8,429	6,888
Total cost, autumn 1974	4,228	4,332	3,916	6,041	6,278	5,331	8,969	9,379	7,743
Total cost, autumn 1975	4,501	4,606	4,189	6,465	6,711	5,728	9,598	10,025	8,320
Total cost, autumn 1976	4,695	4,807	4,359	6,738	7,002	5,947	10,048	10,509	8,669
Total cost, autumn 1977	5,081	5,202	4,721	7,249	7,530	6,409	10,763	11,255	9,289
Total cost, autumn 1978	5,514	5,617	5,206	7,846	8,108	7,063	11,596	12,069	10,182
Total cost, autumn 1979	6,023	6,132	5,695	8,562	8,849	7,703	12,669	13,191	11,105
Total cost, autumn 1980	6,644	6,762	6,291	9,434	9,747	8,498	13,923	14,487	12,233
Total cost, autumn 1981	**7,226**	**7,354**	**6,841**	**10,226**	**10,568**	**9,203**	**15,078**	**15,692**	**13,241**
Cost of consumption, total	6,914	7,037	6,547	9,611	9,932	8,650	13,960	14,531	12,251
Food	2,183	2,199	2,135	2,898	2,935	2,787	3,642	3,696	3,480
Housing [3]	2,377	2,508	1,986	3,393	3,622	2,708	5,307	5,717	4,078
Transportation	553	502	705	1,073	1,089	1,027	1,960	2,003	1,830
Clothing and personal care	442	442	443	699	699	699	1,053	1,040	1,089
Medical care	1,085	1,092	1,066	1,091	1,097	1,074	1,098	1,103	1,083
Other family consumption	275	296	212	457	491	355	901	971	692
Other cost [5]	311	317	295	615	636	553	1,118	1,161	990
Percent change—									
Total cost, 1970-1975	44.8	44.5	45.9	44.0	43.4	46.2	34.9	33.6	39.9
Total cost, 1975-1980	47.6	46.8	50.2	45.9	45.2	48.4	45.1	44.5	47.0
Total cost, 1980-1981	8.8	8.8	8.7	8.4	8.4	8.3	8.3	8.3	8.2

[1] Not intended to represent a minimum or subsistence level. [2] Places with 2,500-50,000 population in 1960. [3] Includes the weighted average cost of renter and homeowner shelter, housefurnishings, and household operations. Four-person families in the lower budget are assumed to be renters. A small allowance for lodging away from home city is included in the higher budget. [4] Includes gifts, contributions, life insurance, and occupational expenses. [5] Includes gifts and contributions and, at the higher level, an allowance for life insurance.

Source: U.S. Bureau of Labor Statistics, *3 Budgets for an Urban Family of Four Persons, 1969-70; Autumn Urban Family Budgets and Comparative Indexes for Selected Urban Areas*, annual (Supplements to Bulletin 1570-5); *3 Budgets for a Retired Couple in Urban Areas of the United States, 1969-70;* and *3 Budgets for a Retired Couple, Autumn*, annual. (Supplements to Bulletin 1570-6).

No. 764. Urban Intermediate Budget for a 4-Person Family and a Retired Couple—U.S. Cost, 1967 to 1981, and for Selected Metropolitan Areas, 1981

[In dollars, except percent. See headnote, table 763]

Area	Cost for 4-person family: Total [1]	Food	Housing [2]	Transportation	Medical care	Cost for retired couple: Total [1]	Food	Housing [2]	Transportation	Medical care
1967, urban U.S.	9,076	2,105	2,230	872	477	3,857	1,048	1,330	382	296
Percent	100.0	23.2	24.6	9.6	5.3	100.0	27.2	34.5	9.9	7.7
1970, urban U.S.	10,664	2,452	2,501	912	564	4,489	1,220	1,554	413	370
Percent	100.0	23.0	23.5	8.6	5.3	100.0	27.2	34.6	9.2	8.2
1975, urban U.S.	15,318	3,827	3,533	1,279	822	6,465	1,912	2,192	577	555
Percent	100.0	25.0	23.1	8.3	5.4	100.0	29.6	33.9	8.9	8.6
1976, urban U.S.	16,236	3,859	3,843	1,403	900	6,738	1,914	2,334	629	574
Percent	100.0	23.8	23.7	8.6	5.5	100.0	28.4	34.6	9.3	8.5
1977, urban U.S.	17,106	4,098	4,016	1,472	985	7,249	2,035	2,518	658	680
Percent	100.0	24.0	23.5	8.6	5.8	100.0	28.1	34.7	9.1	9.4
1978, urban U.S.	18,622	4,609	4,182	1,572	1,070	7,846	2,299	2,641	701	769
Percent	100.0	24.8	22.5	8.4	5.7	100.0	29.3	33.7	8.9	9.8
1979, urban U.S.	20,517	5,044	4,594	1,851	1,176	8,562	2,507	2,862	820	842
Percent	100.0	24.6	22.4	9.0	5.7	100.0	29.3	33.4	9.6	9.8
1980, urban U.S.	23,134	5,571	5,106	2,116	1,303	9,434	2,772	3,106	950	950
Percent	100.0	24.1	22.1	9.1	5.6	100.0	29.4	32.9	10.1	10.1
Percent change, urban U.S.:										
1967–1970	17.5	16.5	12.2	4.6	18.2	16.4	16.4	16.8	8.1	25.0
1970–1975	43.6	56.1	41.3	40.2	45.7	44.0	56.7	41.1	39.7	50.0
1975–1980	51.0	45.6	44.5	65.4	58.5	45.9	45.0	41.7	64.6	71.2
	1981									
Urban U.S., total [3]	**25,407**	**5,843**	**5,546**	**2,372**	**1,443**	**10,226**	**2,898**	**3,393**	**1,073**	**1,091**
Percent	100.0	23.0	21.8	9.3	5.7	100.0	28.3	33.2	10.5	10.7
Nonmetropolitan areas [4]	23,238	5,521	5,045	2,333	1,274	9,203	2,787	2,708	1,027	1,074
Metropolitan areas	25,893	5,915	5,659	2,380	1,461	10,568	2,935	3,622	1,089	1,097
Atlanta, Ga.	23,273	5,614	4,551	2,307	1,296	9,516	2,801	2,669	1,177	1,076
Baltimore, Md.	25,114	5,526	5,476	2,292	1,335	10,051	2,724	3,368	1,146	1,053
Boston, Mass.	29,213	5,918	7,043	2,782	1,316	11,925	2,966	4,785	1,148	1,056
Buffalo, N.Y.	26,473	5,890	5,476	2,513	1,159	10,744	2,958	3,667	1,212	1,017
Chicago, Ill.-Northwestern Ind.	25,358	5,779	5,607	2,498	1,566	10,070	2,853	3,270	1,037	1,109
Cincinnati, Ohio-Ky.-Ind.	25,475	5,939	5,392	2,312	1,387	10,038	2,942	3,108	1,061	1,092
Cleveland, Ohio	25,598	5,859	5,566	2,358	1,443	10,500	2,908	3,458	1,161	1,051
Dallas, Tex.	22,678	5,568	4,772	2,437	1,631	9,768	2,726	3,033	1,184	1,136
Denver, Colo.	24,820	5,480	5,379	2,423	1,331	10,028	2,716	3,197	1,170	1,066
Detroit, Mich.	25,208	5,886	5,604	2,266	1,460	10,395	2,908	3,525	1,129	1,070
Honolulu, Hawaii	31,893	7,626	6,493	2,421	1,590	12,157	3,890	3,827	1,293	1,120
Houston, Tex.	23,601	5,816	4,839	2,349	1,685	9,996	2,877	3,055	1,095	1,158
Kansas City, Mo.-Kans.	24,528	5,727	4,951	2,474	1,426	9,978	2,826	3,024	1,139	1,126
Los Angeles-Long Beach, Calif.	25,025	5,700	5,436	2,464	1,876	10,238	2,824	3,243	1,276	1,191
Milwaukee, Wis.	26,875	5,660	5,889	2,424	1,395	10,673	2,804	3,699	1,186	1,083
Minneapolis-St. Paul, Minn.	25,799	5,607	5,336	2,349	1,249	10,121	2,760	3,351	1,138	1,036
New York, N.Y.-Northeastern N.J.	29,540	6,578	6,717	2,160	1,446	11,623	3,284	4,620	775	1,084
Philadelphia, Pa.-N.J.	26,567	6,516	5,621	2,334	1,530	10,646	3,223	3,710	960	1,091
Pittsburgh, Pa.	24,717	6,040	4,939	2,501	1,319	10,503	3,016	3,396	1,238	1,084
St. Louis, Mo.-Ill.	24,498	6,081	5,014	2,455	1,313	10,108	3,018	3,118	1,189	1,062
San Diego, Calif.	24,776	5,569	5,415	2,392	1,755	9,827	2,746	3,008	1,203	1,156
San Francisco-Oakland, Calif.	27,082	5,905	6,064	2,544	1,673	10,921	2,904	3,604	1,300	1,175
Seattle-Everett, Wash.	25,881	5,880	6,031	2,445	1,633	11,343	2,939	4,077	1,201	1,135
Washington, D.C.-Md.-Va.	27,352	5,969	5,827	2,358	1,467	11,000	2,977	3,769	1,168	1,122

[1] Includes clothing and personal care, other family consumption, gifts and contributions, personal income taxes (except for retired couple, 1975–1981), and, for 4-person families, also basic life insurance, occupational expenses, and Social Security; not shown separately. [2] Includes weighted average cost of renter and homeowner shelter, housefurnishings, and household operations. [3] Procedures used in updating the budgets to 1979, 1980, and 1981 differ from procedures used in prior years. As a result of the revision of the Consumer Price Index (CPI) program in January 1978, individual area price changes from autumn 1978 to autumn 1979, autumn 1979 to autumn 1980, and autumn 1980 to autumn 1981 were no longer available for 15 of the 39 family budget metropolitan areas. The urban U.S. average includes estimates for these areas, however, using price data for the appropriate region/population size classes which are available from the CPI. [4] Places with population of 2,500–50,000 in 1960.

Source: U.S. Bureau of Labor Statistics, *Autumn Urban Family Budget and Comparative Indexes for Selected Urban Areas*, annual (Suppl. to Bulletin 1570-5); and *3 Budgets for a Retired Couple, Autumn*, annual. (Suppl. to Bulletin 1570-6.)

No. 765. Annual Budget Costs for a 4-Person Family—Percent Distribution, 1975 to 1981, and Annual Percent Change, 1970 to 1981

[As of autumn. See headnote, table 763. For definition of average annual percent change, see Guide to Tabular Presentation]

Item	Lower budget			Intermediate budget			Higher budget		
	1975	1980	1981	1975	1980	1981	1975	1980	1981
PERCENT DISTRIBUTION									
Total cost	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Total consumption	81.3	80.1	78.8	76.5	73.4	71.8	72.4	67.6	65.7
Food	30.8	30.8	29.7	25.0	24.1	23.0	21.6	20.4	19.4
Housing	19.4	18.6	18.4	23.1	22.1	21.8	24.0	22.5	22.1
Transportation	7.3	8.3	8.6	8.3	9.1	9.3	7.4	8.0	8.1
Clothing, personal care	10.6	9.0	8.6	9.4	7.3	7.2	9.3	7.4	7.0
Medical care	8.5	9.2	9.4	5.4	5.6	5.7	3.8	3.9	4.0
Other	4.7	4.3	4.2	5.4	4.8	4.7	6.1	5.3	5.2
Other items	4.5	4.2	4.1	4.6	4.1	4.0	5.3	4.7	4.5
Social Security	6.0	6.3	6.8	5.4	6.2	6.7	3.8	4.7	5.2
Personal income taxes	8.1	9.5	10.4	13.4	16.3	17.5	18.5	23.0	24.5
AVERAGE ANNUAL PERCENT CHANGE	**1970-1975**	**1975-1980**	**1980-1981**	**1970-1975**	**1975-1980**	**1980-1981**	**1970-1975**	**1975-1980**	**1980-1981**
Total cost	**6.6**	**7.9**	**9.1**	**7.5**	**8.6**	**9.8**	**7.5**	**9.1**	**10.6**
Total consumption	7.0	7.6	7.3	7.4	7.7	7.5	7.3	7.6	7.5
Food	9.2	7.9	5.2	9.3	7.8	4.9	9.3	7.8	4.9
Housing	5.4	7.0	8.0	7.2	7.6	8.6	7.3	7.7	8.7
Transportation	6.8	10.6	13.0	7.0	10.6	12.1	7.0	10.7	11.8
Clothing, personal care	4.8	4.3	11.0	4.7	4.2	11.1	4.7	4.2	10.7
Medical care	7.8	9.7	10.6	7.8	9.7	10.7	7.8	9.7	10.7
Other	5.3	6.0	7.9	5.4	5.9	7.8	5.4	5.9	7.8
Other items	4.9	6.0	6.5	5.4	6.4	6.7	5.5	6.4	6.7
Social Security	10.8	8.8	17.6	16.6	11.3	19.3	16.8	13.8	23.9
Personal income taxes	1.7	11.4	19.4	6.1	13.0	17.5	7.5	13.9	17.9

Source: U.S. Bureau of Labor Statistics, *3 Budgets for an Urban Family of Four Persons,* press releases, and Bulletin No. 1570-5.

No. 766. Urban Intermediate Budget for Selected Metropolitan Areas, by Size and Type of Unit: 1981

[See headnote, table 763, and text, p. 452. Includes only the cost of goods and services for family consumption. Excludes Social Security and disability insurance payments, personal income taxes, gifts, contributions, life insurance, and occupational expenses]

Standard metropolitan statistical area (Based on 1980 census definition)	Single person under 35 years	Husband and wife under 35 years old			Husband and wife 35-54 years old		
		No children	1 child under 6 years	2 children under 6 years	1 child, 6-15 years	2 children, oldest 6-15 yr.	3 children, oldest 6-15 yr.
Urban U.S.	**$6,380**	**$8,940**	**$11,310**	**$13,130**	**$14,960**	**$18,240**	**$21,160**
Atlanta, Ga	5,940	8,320	10,520	12,220	13,920	16,974	19,890
Baltimore, Md	6,170	8,640	10,930	12,700	14,460	17,636	20,460
Boston, Mass	7,120	9,970	12,620	14,650	16,690	20,353	23,610
Buffalo, N.Y	6,420	8,990	11,370	13,210	15,040	18,342	21,280
Chicago, Ill.-Northwestern Ind	6,490	9,090	11,500	13,360	15,210	18,552	21,520
Cincinnati, Ohio-Ky.-Ind	6,400	8,960	11,340	13,170	15,000	18,290	21,220
Cleveland, Ohio	6,500	9,100	11,510	13,370	15,220	18,567	21,540
Dallas, Tex	6,060	8,480	10,730	12,460	14,190	17,302	20,070
Detroit Mich	6,340	8,880	11,230	13,040	14,850	18,115	21,010
Honolulu, Hawaii	7,540	10,550	13,350	15,500	17,650	21,530	24,970
Houston, Tex	6,280	8,790	11,120	12,910	14,700	17,931	20,800
Kansas City, Mo.-Kans	6,240	8,730	11,050	12,830	14,610	17,822	20,670
Los Angeles-Long Beach, Calif	6,400	8,970	11,340	13,170	15,000	18,298	21,230
Milwaukee, Wis	6,530	9,140	11,560	13,430	15,290	18,651	21,640
Minneapolis-St. Paul, Minn	6,200	8,670	10,970	12,740	14,510	17,701	20,530
New York, N.Y.-Northeastern N.J	6,970	9,760	12,340	14,340	16,330	19,910	23,100
Philadelphia, Pa.-N.J	6,520	9,130	11,550	13,410	15,270	18,625	21,610
Pittsburgh, Pa	6,220	8,710	10,010	12,790	14,570	17,766	20,610
St. Louis, Mo.-Ill	6,230	8,730	11,040	12,830	14,610	17,814	20,660
San Diego, Calif	6,350	8,890	11,240	13,060	14,870	18,133	21,030
San Francisco-Oakland, Calif	6,820	9,540	12,070	14,020	15,970	19,474	22,590
Seattle-Everett, Wash	6,780	9,500	12,020	13,960	15,900	19,395	22,500
Washington, D.C.-Md.-Va	6,600	9,240	11,700	13,580	15,470	18,866	21,980

Source: U.S. Bureau of Labor Statistics, *Revised Equivalence Scale: For Estimating Equivalent Incomes or Budget Costs, by Family Type.* (1570-2).

No. 767. Retail Consumer Price Indexes of Food—Selected Areas: 1970 to 1982

[1967=100. See headnote, table 762 and text, p. 452 regarding SMSA's]

CITY SMSA	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982, May
Total food [1]	**114.9**	**161.7**	**175.4**	**180.8**	**192.2**	**211.4**	**234.5**	**254.6**	**274.6**	**285.5**
Anchorage, Alaska	(NA)	145.7	167.6	174.2	185.8	204.1	227.2	242.2	253.6	258.8
Atlanta, Ga	114.8	165.6	181.8	185.8	196.4	215.5	238.2	257.3	279.8	[2] 289.3
Baltimore, Md	117.4	164.4	178.2	184.3	195.9	215.2	235.8	254.9	272.4	279.3
Boston, Mass	114.9	161.3	175.2	183.1	190.9	206.7	229.0	245.3	259.7	264.9
Buffalo, N.Y	116.2	160.1	173.6	178.6	189.2	206.1	226.8	246.1	267.6	[2] 273.6
Chicago, Ill.-Northwestern Ind	115.4	161.6	175.1	180.1	191.0	213.5	236.8	258.2	279.1	281.7
Cincinnati, Ohio-Ky	114.9	163.6	177.4	184.0	197.8	219.1	244.4	265.3	286.8	298.5
Cleveland, Ohio	117.5	161.1	175.8	185.9	196.1	213.6	236.3	254.2	276.3	[2] 283.4
Dallas, Tex	114.8	157.9	172.5	176.9	191.3	209.4	235.8	257.7	278.3	[2] 286.7
Denver-Boulder, Colo	(NA)	155.6	171.4	175.8	190.8	208.0	230.1	238.0	258.0	264.9
Detroit, Mich	115.2	164.1	171.6	175.6	186.4	205.5	226.5	245.2	264.2	274.3
Honolulu, Hawaii	114.1	158.7	176.7	183.0	193.0	212.8	239.8	259.9	285.8	[2] 296.5
Houston, Tex	115.5	164.9	181.2	187.6	198.8	218.7	248.3	270.6	296.6	[2] 307.4
Kansas City, Mo.-Kans	116.1	162.5	177.8	180.8	193.0	215.4	239.2	259.8	275.3	[2] 278.2
Los Angeles-Long Beach, Calif	112.2	156.3	170.1	173.5	185.8	206.7	229.5	248.7	268.7	280.8
Milwaukee, Wis	113.1	158.1	171.9	180.0	189.9	210.5	234.9	250.7	273.5	284.9
Minneapolis-St. Paul, Minn	116.5	163.6	178.9	186.6	196.7	217.3	244.4	264.8	280.4	[2] 288.0
New York, N.Y.-Northeast, N.J	117.9	156.1	179.6	185.4	195.4	212.8	232.6	253.9	276.9	290.8
Northeast, Pennsylvania	115.7	161.7	172.9	178.4	189.5	207.2	228.1	248.1	264.5	273.7
Philadelphia, Pa.-N.J	115.8	165.2	179.6	186.2	198.4	218.2	239.7	259.1	278.7	293.2
Pittsburgh, Pa	115.6	164.2	177.4	181.1	193.6	212.6	233.5	254.5	274.1	[2] 281.7
Portland, Oreg	110.9	154.5	168.4	177.3	188.8	207.7	233.6	250.3	269.9	279.4
St. Louis, Mo.-Ill	115.4	159.7	174.3	180.5	192.8	210.4	234.7	252.3	270.9	279.8
San Diego, Calif	113.6	159.6	173.7	179.2	190.5	212.2	236.0	257.8	276.6	289.1
San Francisco-Oakland, Calif	112.5	155.6	171.2	173.9	187.4	207.4	233.1	250.4	268.5	[2] 283.4
Seattle, Wash	113.5	155.8	169.6	175.0	187.9	204.1	225.4	243.2	263.7	287.4
Washington, D.C.-Md.-Va	117.3	166.9	180.7	186.5	199.7	219.8	245.7	264.1	277.7	290.7

NA Not available. [1] 1970 to 1977 based on 56 areas; beginning 1978, 85 areas. Excludes Portland, Oregon through 1978. [2] April data.

Source: U.S. Bureau of Labor Statistics, *The Consumer Price Index, Detailed Report*, monthly.

No. 768. Weekly Food Cost for Families, by Type of Family: 1975 to 1982

[In dollars. Based on moderate-cost food plan; assumes all meals are eaten at home or taken from home]

URBAN FAMILY TYPE	1975, Dec.	1976, Dec.	1977, Dec.	1978, Dec.	1979, Dec.	1980, Dec.	1981		1982	
							May	Dec.	March	May
Couple, 20-54 years old	37.10	38.60	39.70	43.20	47.50	52.00	52.80	53.40	54.60	55.30
Couple, 55 years and over	32.40	32.10	35.00	37.90	41.80	45.90	46.50	47.10	48.30	48.90
Couple with children:										
1 child, 1-5 years old	44.90	44.40	47.80	52.10	57.30	62.90	63.90	64.70	66.20	67.00
1 child, 15-19 years old	53.50	52.80	56.70	62.00	68.00	74.80	76.00	76.80	78.60	79.60
2 children, 1-5 years old	51.80	51.30	54.90	60.00	65.90	72.60	73.80	74.70	76.40	77.30
2 children, 6-11 years old	63.00	62.10	66.60	72.70	79.90	88.10	89.70	90.70	92.80	93.80
2 children, 12-19 years old	67.20	66.30	71.00	77.60	85.20	93.80	95.60	96.50	98.80	100.00

Source: U.S. Dept. of Agriculture, Human Nutrition Information Service. Through June 1978, *Food and Home Notes*, weekly; thereafter, *News Feature*, weekly.

No. 769. Weekly Food Cost for Families, by Cost Level and Region: 1982

[In dollars. As of March. Based on costs of food plans as estimated by using average price per pound of each food group paid by urban survey families at selected food cost levels in 1965-66. Prices adjusted to March 1982 level. For composition of regions, see fig. I, inside front cover]

REGION AND URBAN FAMILY TYPE	Low level	Moderate level	Liberal level
Northeast:			
Couple, 20-54 years old	46.20	59.30	71.50
Couple, 55 years and over	41.10	52.00	62.70
4-person families:			
With preschool children [1]	64.80	82.60	99.70
With school children [2]	78.40	100.30	121.10
North Central:			
Couple, 20-54 years old	44.70	54.80	66.40
Couple, 55 years and over	39.90	48.60	58.60
4-person families:			
With preschool children [1]	63.00	77.00	93.00
With school children [2]	76.30	93.70	113.30
South:			
Couple, 20-54 years old	43.10	53.80	64.20
Couple, 55 years and over	38.40	47.20	56.10
4-person families:			
With preschool children [1]	60.30	74.90	89.50
With school children [2]	73.10	91.20	108.90
West:			
Couple, 20-54 years old	44.40	55.70	67.10
Couple, 55 years and over	39.70	49.20	59.00
4-person families:			
With preschool children [1]	62.80	78.10	94.30
With school children [2]	76.20	95.20	115.00

[1] Couple, 20-54 years; children, 1-2 and 3-5 years. [2] Couple, 20-54 years; children, 6-8 and 9-11 years.

Source: U.S. Dept. of Agriculture, Human Nutrition Information Service, *Family Economics Review*, Summer 1982.

No. 770. Consumer Price Indexes of Residential Rents in Selected SMSA's: 1970 to 1982

[1967=100. Annual averages of monthly figures, except as indicated. See Appendix II]

SMSA	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982, May
Anchorage, Alaska (Oct. 1967=100)	(NA)	114.4	125.5	143.2	152.9	160.4	161.1	158.3	169.1	204.1
Atlanta, Ga	109.9	125.1	129.0	131.2	135.3	140.0	152.3	168.2	188.4	[2]197.3
Baltimore, Md	106.9	121.3	127.4	135.5	143.9	154.6	163.5	173.8	187.7	202.9
Boston, Mass	115.4	142.9	149.6	156.7	166.2	174.2	183.0	198.8	222.5	238.8
Buffalo, N.Y	109.3	132.3	140.8	149.3	156.8	162.7	169.2	177.2	185.2	[2]191.7
Chicago, Ill.-Northwestern Ind	107.6	127.6	132.8	137.7	142.7	150.6	160.6	172.2	185.0	197.0
Cincinnati, Ohio-Ky	105.7	115.4	120.1	124.0	133.4	142.9	155.2	169.1	183.5	189.9
Cleveland, Ohio	107.5	118.6	123.7	130.8	139.8	149.7	158.9	170.9	179.7	[2]187.3
Dallas, Tex	110.1	116.9	122.1	129.2	140.3	155.5	172.6	191.2	211.1	[2]221.4
Denver-Boulder, Colo	(NA)	127.3	130.3	133.5	139.7	153.2	168.8	186.8	204.9	225.0
Detroit, Mich	111.5	129.8	135.9	141.5	150.8	162.6	176.5	194.1	206.1	211.7
Honolulu, Hawaii	118.1	142.9	150.4	156.8	163.5	174.1	187.3	206.1	224.8	[2]237.6
Houston, Tex	106.9	116.1	125.3	140.1	155.8	163.0	172.1	182.8	198.8	[2]219.0
Kansas City, Mo.-Kans	106.3	115.3	119.2	124.0	131.3	139.6	149.2	160.3	174.0	[2]182.0
Los Angeles-Long Beach-Anaheim, Calif	111.9	128.0	134.8	144.3	157.2	171.7	188.5	211.3	235.2	254.4
Milwaukee, Wis	109.8	128.8	136.9	144.1	152.5	159.6	168.7	179.6	192.7	208.4
Minneapolis-St. Paul, Minn	114.2	126.9	132.8	141.5	150.6	160.5	175.8	195.2	214.3	[2]225.5
New York, N.Y.-Northeast N.J	110.9	145.0	153.7	162.5	171.4	180.1	188.7	202.5	217.6	230.0
Northeast, Pennsylvania	113.1	143.2	155.9	166.3	178.2	186.2	207.2	220.7	229.3	235.7
Philadelphia, Pa.-N.J	112.5	136.7	146.4	155.7	166.1	174.4	182.4	194.5	210.2	228.7
Pittsburgh, Pa	109.0	123.6	129.0	137.0	149.2	162.7	173.9	185.3	198.5	[2]206.6
Portland, Oreg.-Wash	109.3	127.9	135.8	145.2	157.9	172.6	188.5	202.6	217.1	223.9
St. Louis, Mo.-Ill	105.6	112.7	116.1	120.4	127.0	136.8	149.0	165.6	179.2	192.4
San Diego, Calif	123.6	141.8	148.7	158.3	170.2	185.6	205.5	225.3	243.2	267.2
San Francisco-Oakland, Calif	119.3	138.7	144.8	153.3	164.7	177.3	190.3	214.3	236.1	[2]253.7
Seattle, Wash	109.1	118.1	130.8	141.1	153.6	168.0	195.1	226.1	239.8	246.4
Washington, D.C.-Md.-Va	109.4	131.6	140.3	149.0	158.4	168.0	181.2	197.2	215.5	232.9

NA Not available. [1]See headnote, table 762 and text, page 464. [2]April data.

No. 771. Consumer Price Indexes of Fuels and Utilities: 1965 to 1982

[1967=100. Represents all urban consumers. A therm=100,000 Btu's. Annual averages for cities combined. See text, p. 452. See also *Historical Statistics, Colonial Times to 1970*, series E 203-211]

ITEM	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982, May
Consumer price index, all items	**94.5**	**116.3**	**147.7**	**161.2**	**170.5**	**181.5**	**195.4**	**217.4**	**246.8**	**272.4**	**287.1**
Fuels and other utilities	98.3	107.6	150.2	167.8	182.7	202.2	216.0	239.3	278.6	319.2	345.4
Gas (piped) and electricity	99.4	107.3	145.8	169.6	189.0	213.4	232.6	257.8	301.8	345.9	388.6
Utility (piped) gas	99.6	108.5	143.9	172.5	201.2	239.3	263.1	305.3	363.9	414.9	493.4
Gasoline, regular and premium	94.9	105.6	159.9	170.8	177.9	188.2	196.3	265.6	369.1	410.9	370.4
Electricity (composite)	99.1	106.2	147.5	167.0	177.6	189.3	203.4	219.1	253.4	291.5	314.9
Fuel oil, coal, and bottled gas	94.6	110.1	214.6	235.3	250.8	283.4	298.3	403.1	556.0	675.9	644.6
Fuel oil No. 2	94.4	109.3	213.0	230.6	247.2	280.2	296.9	416.8	579.7	709.2	670.6
Telephone services, residential	100.8	102.5	121.4	125.3	129.8	131.3	132.8	132.4	135.7	147.7	161.6
Water and sewer service, residential	94.4	120.4	154.8	169.9	188.7	209.1	232.6	243.3	259.8	290.9	323.5

Source of tables 770 and 771: U.S. Bureau of Labor Statistics, *Monthly Labor Review*.

No. 772. Average Price of Residential Utility (Piped) Gas, Electricity, and Fuel Oil No. 2, Selected Areas: 1980 and 1981

[**In dollars per unit shown.** One therm contains approximately 100 cubic feet of natural gas. As of **January.** For complete SMSA titles, see Appendix II]

AREA	Utility (piped) gas (100 therms)		Electricity (500 kWh)		Fuel oil No. 2 (gallon)	
	1980	1981	1980	1981	1980	1981
U.S. city average	**[1]34.93**	**[1]40.05**	**26.70**	**31.55**	**.929**	**1.150**
Anchorage	19.04	21.00	21.25	25.41	.877	1.118
Atlanta	36.31	41.95	23.44	25.26	(NA)	(NA)
Baltimore	37.89	45.04	28.15	32.57	.857	1.093
Boston	49.43	56.60	30.51	41.27	.922	1.158
Buffalo	39.25	44.88	23.90	26.49	.950	1.178
Chicago	37.51	39.53	27.47	34.47	.958	1.134
Cincinnati	34.17	36.73	23.23	25.57	.918	1.129
Cleveland	33.42	35.76	29.85	31.40	(NA)	(NA)
Dallas [2]	27.49	35.08	23.19	27.15	(NA)	(NA)
Denver-Boulder	31.88	42.81	25.80	34.18	(NA)	(NA)
Detroit	33.91	40.34	26.52	31.73	.918	1.133
Honolulu	[3]125.95	[3]147.43	36.41	48.31	(NA)	(NA)
Houston	33.38	38.93	28.00	26.55	(NA)	(NA)
Kansas City	24.58	30.32	26.04	28.04	(NA)	(NA)
L.A., Long Beach-Anaheim	27.07	30.08	28.40	35.09	(NA)	(NA)
Miami	45.41	45.43	24.53	29.35	(NA)	(NA)
Milwaukee	36.15	45.52	21.50	25.25	.909	1.086
Minn.-St. Paul	32.35	38.77	24.23	27.23	.919	1.087
New York	51.23	59.97	44.11	53.02	.953	1.175
Northeast	39.75	46.75	23.06	24.76	.866	1.105
Philadelphia [4]	40.71	54.07	31.86	35.49	.895	1.146
Pittsburgh	31.26	35.92	27.28	29.11	(NA)	(NA)
Portland, Oreg	49.48	53.42	18.77	20.34	.921	1.065
St. Louis	37.79	40.51	23.33	23.23	(NA)	1.127
San Diego	29.64	36.05	30.96	51.78	(NA)	(NA)
San Francisco-Oakland	25.12	30.98	20.58	26.78	(NA)	(NA)
Seattle-Everett	48.12	54.02	10.80	11.61	.985	1.134
Wash., D.C.	42.50	44.57	28.40	31.09	.946	1.169

NA Not available. [1]Excludes Honolulu. [2]Includes Ft. Worth. [3]Price is for propane only. [4]Northeast Pa.

Source: U.S. Bureau of Labor Statistics, *Consumer Prices: Energy*, monthly.

No. 773. Average Residential, Commercial, and Industrial Monthly Bills for Electricity: 1970 to 1981

[Residential, for cities of 2,500 or more population; commercial and industrial, for 455 large cities in United States and Puerto Rico with estimated total population of 77.0 million as of **January 1, 1981**. Composite average as of **January 1**, using latest available population weights. kW=kilowatts; kWh=kilowatthours]

ITEM	1970	1975	1980	1981, prel.
RESIDENTIAL				
Average bill, dollars:				
500 kWh	10.51	17.93	27.80	32.61
750 kWh	14.22	24.72	36.94	43.99
1,000 kWh	18.31	32.29	48.79	58.16
Average bill, cents per kWh:				
500 kWh	2.1	3.6	5.6	6.5
750 kWh	2.0	3.3	4.9	5.9
1,000 kWh	1.8	3.2	4.9	5.8
COMMERCIAL				
Average bill, dollars:				
6 kW, 750 kWh	27	41	57	65
12 kW, 1,500 kWh	52	83	114	131
30 kW, 6,000 kWh	163	269	385	449
40 kW, 10,000 kWh	240	406	590	693
COMMERCIAL—Con.				
Average bill, cents per kWh:				
6 kW, 750 kWh	3.6	5.5	7.5	8.6
12 kW, 1,500 kWh	3.4	5.6	7.6	8.7
30 kW, 6,000 kWh	2.7	4.5	6.4	7.5
40 kW, 10,000 kWh	2.4	4.1	5.9	6.9
INDUSTRIAL				
Average bill, dollars:				
150 kW, 30,000 kWh	648	1,157	1,757	2,114
300 kW, 60,000 kWh	1,183	2,199	3,431	4,128
1,000 kW, 200,000 kWh	3,492	6,888	10,910	12,756
Average bill, cents per kWh:				
150 kW, 30,000 kWh	2.2	3.9	5.9	7.1
300 kW, 60,000 kWh	2.0	3.7	5.7	6.9
1,000 kW, 200,000 kWh	1.8	3.4	5.5	6.4

No. 774. Net Monthly Residential Electric Bills (Range of Lowest to Highest) for 500 Kilowatthours Use, 1970 to 1981, and by States, 1981

[**In dollars.** Based on rates as of **January 1** for communities of 2,500 inhabitants or more]

YEAR AND STATE	Lowest bill	Highest bill	STATE	Lowest bill	Highest bill	STATE	Lowest bill	Highest bill
1970	4.25	25.00	Florida	18.70	53.86	New Jersey	28.74	50.26
1971	4.25	28.00	Georgia	15.38	35.79	New Mexico	19.50	40.57
1972	4.25	30.37	Hawaii	48.31	73.18	New York	7.23	58.82
1973	4.25	30.37	Idaho	9.50	27.70	North Carolina	7.00	36.82
1974	4.25	30.37	Illinois	19.56	40.19	North Dakota	12.45	28.05
1975	5.10	41.14	Indiana	15.47	35.98	Ohio	15.45	37.89
1976	4.68	41.13	Iowa	16.00	37.73	Oklahoma	21.79	37.90
1977	4.68	41.13	Kansas	17.95	38.25	Oregon	6.58	21.61
1978	4.68	47.14						
1979	4.68	55.97	Kentucky	16.48	26.64	Pennsylvania	16.00	38.68
1980[1]	5.84	64.47	Louisiana	11.00	41.18	Rhode Island	43.88	54.72
			Maine	17.80	39.54	South Carolina	20.35	34.80
1981	**4.59**	**73.18**	Maryland	23.54	44.58	South Dakota	14.70	34.79
Alabama	13.83	31.51	Massachusetts	19.52	54.84	Tennessee	16.48	21.27
Alaska	22.88	42.50	Michigan	17.10	38.18	Texas	11.59	43.86
Arizona	24.99	41.60	Minnesota	12.43	45.63	Utah	14.85	40.70
Arkansas	11.84	36.09	Mississippi	16.49	38.85	Vermont	21.00	36.83
California	9.95	49.46	Missouri	16.40	36.94	Virginia	17.74	37.31
Colorado	13.47	31.97	Montana	13.12	22.78	Washington	4.59	16.99
Connecticut	35.90	48.79	Nebraska	18.84	35.97	West Virginia	20.57	32.77
Delaware	33.02	52.32	Nevada	10.60	38.83	Wisconsin	15.95	30.10
District of Columbia	26.95	26.95	New Hampshire	32.11	47.96	Wyoming	14.20	33.70

[1] Beginning in 1980, the bill does not include water heating usage.

Source of tables 773 and 774: Through 1975, U.S. Federal Power Commission, *Typical Electric Bills*, annual; thereafter, U.S. Energy Information Administration, *Typical Electric Bills*, annual.

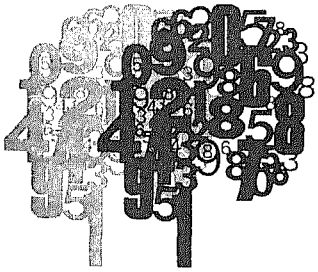
No. 775. Average Prices of Selected Fuels and Utilities: 1970 to 1982

[Represents retail price, except as noted]

ITEM	Unit	1970	1973	1975	1976	1977	1978	1979	1980	1981	1982
Crude oil, composite [1]	Dol. per bbl	3.40	4.15	10.38	10.89	11.96	12.46	17.72	28.07	35.64	[2] 31.81
Gasoline, average retail: [3]											
Leaded regular	Cents per gal	35.7	38.8	56.7	59.0	62.2	62.6	85.7	119.1	131.1	[2] 120.6
Unleaded regular	Cents per gal	(NA)	(NA)	(NA)	61.4	65.6	67.0	90.3	124.5	137.8	[2] 128.4
Leaded premium	Cents per gal	(NA)	(NA)	60.9	63.6	67.4	69.4	92.2	128.1	143.9	[2] 140.7
No. 2 heating oil, residential	Cents per gal	18.5	22.8	37.7	40.6	46.0	49.4	65.6	97.8	120.5	[2] 115.3
Diesel fuel No. 2	Cents per gal	(NA)	(NA)	(NA)	34.7	39.3	40.2	62.4	87.3	106.2	[4] 104.5
Natural gas, residential	Cents per 1,000 cu. ft	92.0	108.2	154.2	184.6	226.4	262.6	323.1	394.6	455.7	[4] 489.2
Residual fuel oil	Dol. per bbl	(NA)	(NA)	(NA)	11.49	13.23	12.75	18.67	26.09	32.50	[4] 30.01
Electric utilities, residential	Cents per kWh	2.22	2.54	3.51	3.73	4.05	4.31	4.64	5.36	6.20	[3] 6.58

NA Not available. [1] Refiner acquisition cost. [2] As of March. [3] Full-service. [4] As of February.

Source: U.S. Energy Information Administration, *Monthly Energy Review*.



Section 16

Elections

This section relates primarily to Presidential, congressional, and gubernatorial elections. Also presented are summary tables on congressional legislation, Black and female officeholders, population of voting age, voter participation, and campaign finances.

Official statistics on Federal elections, collected by the Clerk of the House, are published biennially in *Statistics of the Presidential and Congressional Election* and *Statistics of the Congressional Election.* Federal and State elections data appear also in *America Votes,* a biennial volume of the Elections Research Center, Washington, D.C. Federal elections data also appear in the U.S. Congress, *Congressional Directory,* and in official State documents. Data on reported registration and voting are obtained by the U.S. Bureau of the Census as part of the Current Population Survey (CPS) and are published in *Current Population Reports,* series P-20 (see text, p. 2).

Almost all Federal, State, and local governmental units in the United States conduct elections at various intervals for different offices and other purposes. The conduct of elections is regulated by State laws or, in some cities and counties, by local charter. An exception is that the U.S. Constitution prescribes the basis of representation in Congress and the manner of electing the President, and grants to Congress the right to regulate the times, places, and manner of electing Federal officers. Amendments to the Constitution have prescribed national criteria for voting eligibility. The 15th Amendment, adopted in 1870, gave all citizens the right to vote regardless of race, color, or previous condition of servitude. The 19th Amendment, adopted in 1919, further extended the right to vote to all citizens regardless of sex. The payment of poll taxes as a prerequisite to voting in Federal elections was banned by the 24th Amendment in 1964. In 1971, as a result of the 26th Amendment, eligibility to vote in national elections was extended to all citizens, 18 years old and over.

Presidential election.—*The Constitution specifies how the President and Vice President are selected.* Each State elects, by popular vote, a group of electors equal in number to its total of members of Congress. Subsequent to the election, the electors meet in their respective States to vote for President and Vice President. Usually, each elector votes for the candidate receiving the most popular votes in his or her State. A majority vote of all electors is necessary to elect the President and Vice President. If no candidate receives a majority, the House of Representatives, with each State having one vote, is empowered to elect the President and Vice President, again, with a majority of votes required.

The 22d Amendment to the Constitution, adopted in 1951, limits presidential tenure to 2 elective terms of 4 years each, or to 1 elective term for any person who, upon succession to the Presidency, has held the office or acted as President for more than 2 years. The 23d Amendment, adopted in 1961, grants the District of Columbia 3 presidential electors, a number equal to that of the least populous State.

Congressional election.—The Constitution provides that Representatives be apportioned among the States according to their population; that a census of population be taken every 10 years as a basis for apportionment; and that each State have at least 1 Representative. At the time of each apportionment, Congress decides what the total number of Representatives will be. Since 1912, the total has been 435, except during 1960 to 1962 when it increased to 437, adding 1 Representative each for Alaska and Hawaii. The total reverted to 435 after reapportionment following the 1960 census. Members are elected for 2-year terms, all terms covering the same period. The District of Columbia, American Samoa, Guam, and the Virgin Islands each elect one nonvoting Delegate and Puerto Rico elects a nonvoting Resident Commissioner.

The Senate is composed of 100 members, 2 from each State, who are elected to serve for a term of 6 years. One-third of the Senate is elected every 2 years. Senators were originally chosen by the State legislatures. The 17th Amendment to the Constitution, adopted in 1913, prescribed that Senators be elected by popular vote.

Voter eligibility and participation.—The Census Bureau publishes estimates of the population of voting age and the percent casting votes in each State for Presidential and congressional election years. Voting-age population estimates include a number of persons who meet the age requirement but are not eligible to vote (for example, aliens and institutionalized persons). Since 1964, voter participation and voter characteristics data based on the CPS (see above) conducted during November of election years have also been issued biennially.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable 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 I.

No. 776. Vote Cast for President, by Political Parties: 1920 to 1980

[Prior to 1960, excludes Alaska and Hawaii; prior to 1964, excludes District of Columbia. Vote cast for major party candidates includes the votes of minor parties cast for those candidates. See also *Historical Statistics, Colonial Times to 1970,* series Y 79-83 and Y 135]

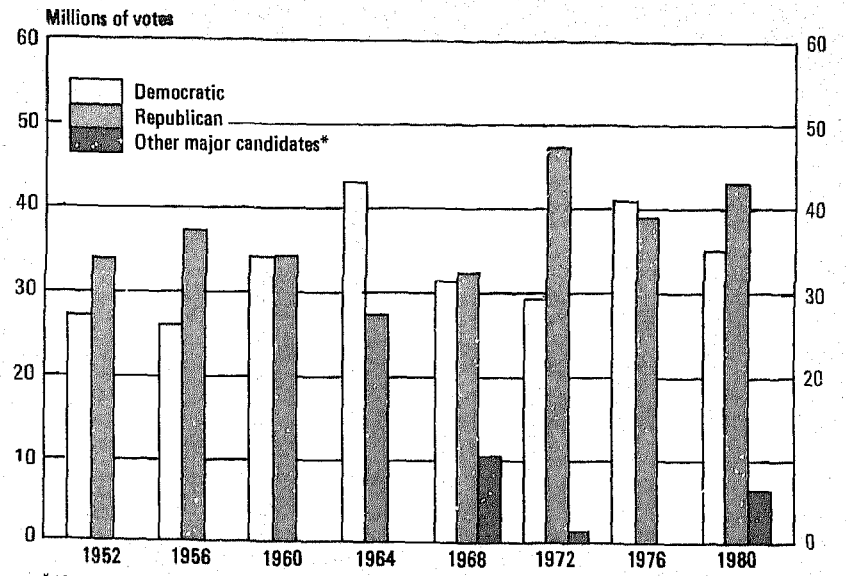
Year	Candidates for President		Vote cast for President					
	Democratic	Republican	Total popular vote [1]	Democratic			Republican		
				Popular vote		Electoral vote	Popular vote		Electoral vote
				Number	Percent		Number	Percent	
			1,000	*1,000*			*1,000*		
1920	Cox	Harding	26,748	9,130	34.1	127	16,143	60.4	404
1924	Davis	Coolidge	29,086	8,385	28.8	136	15,718	54.0	382
1928	Smith	Hoover	36,812	15,016	40.8	87	21,392	58.1	444
1932	F. D. Roosevelt	Hoover	39,732	22,810	57.4	472	15,759	39.7	59
1936	F. D. Roosevelt	Landon	45,643	27,753	60.8	523	16,675	36.5	8
1940	F. D. Roosevelt	Willkie	49,900	27,313	54.7	449	22,348	44.8	82
1944	F. D. Roosevelt	Dewey	47,977	25,613	53.4	432	22,018	45.9	99
1948	Truman	Dewey	48,794	24,179	49.6	303	21,991	45.1	189
1952	Stevenson	Eisenhower	61,551	27,315	44.4	89	33,936	55.1	442
1956	Stevenson	Eisenhower	62,027	26,023	42.0	73	35,500	57.4	457
1960	Kennedy	Nixon	68,838	34,227	49.7	303	34,108	49.5	219
1964	Johnson	Goldwater	70,645	43,130	61.1	486	27,178	38.5	52
1968	Humphrey	Nixon	73,212	31,275	42.7	191	31,785	43.4	301
1972	McGovern	Nixon	77,719	29,170	37.5	17	47,170	60.7	520
1976	Carter	Ford	81,556	40,831	50.1	297	39,148	48.0	240
1980	Carter	Reagan	86,515	35,484	41.0	49	43,904	50.7	489

Year	Vote cast for President—Con. Leading other candidates	Year	Vote cast for President—Con. Leading other candidates—Con.
1920	Eugene Debs, Socialist, 919,799.	1952	Vincent Hallinan, Progressive, 140,023.
1924	P. P. Christensen, Farmer-Labor, 265,411. Robert LaFollette, Progessive, 4,831,289.	1956	Stuart Hamblen, Prohibition, 72,949. T. Coleman Andrews, States' Rights, 111,178.
1928	Herman P. Faris, Prohibition, 57,520. Norman Thomas, Socialist, 267,835.	1960	Eric Hass, Socialist Labor, 44,450. Eric Hass, Socialist Labor, 47,522.
1932	Verne L. Reynolds, Socialist Labor, 21,603. Norman Thomas, Socialist, 881,951.	1964	Rutherford Decker, Prohibition, 46,203. Eric Hass, Socialist Labor, 45,219.
1936	William Z. Foster, Communist, 102,785. William Lemke, Union, 882,479.	1968	Clifton DeBerry, Socialist Workers, 32,720. George Wallace, Amer. Indep., 9,906,473.
1940	Norman Thomas, Socialist, 187,720. Norman Thomas, Socialist, 99,557.	1972	Henning Blomen, Socialist Labor, 52,588. John Schmitz, American, 1,099,482.
1944	Roger Babson, Prohibition, 57,812. Norman Thomas, Socialist, 80,518.	1976	Benjamin Spock, People's, 78,756. Eugene McCarthy, Independent, 756,691.
1948	Claude Watson, Prohibition, 74,758. Strom Thurmond, States' Rights, 1,176,125. Henry Wallace, Progressive, 1,157,326.	1980	Roger MacBride, Libertarian, 173,011. John Anderson, Independent, 5,720,060. Ed Clark, Libertarian, 921,299.

[1] Includes votes for minor party candidates, independents, unpledged electors, and scattered write-in votes.

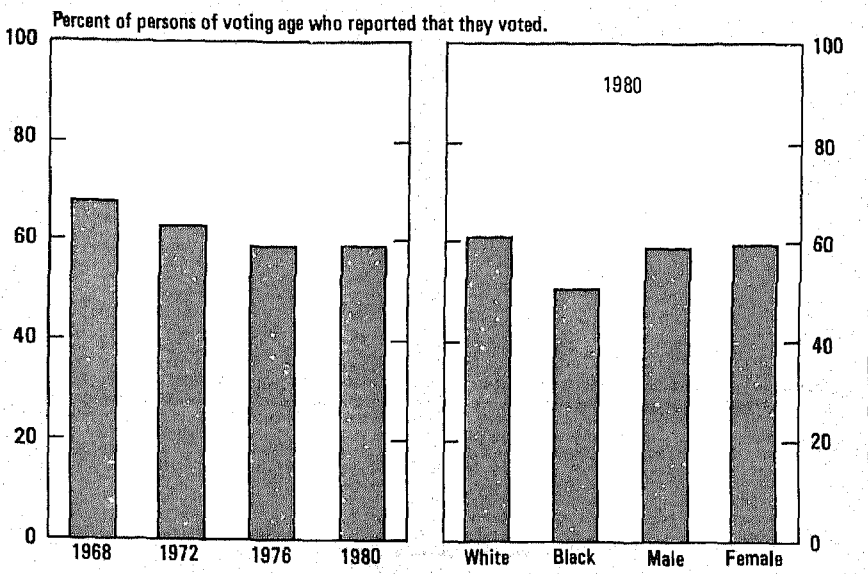
Source: 1920-1936, Edgar Eugene Robinson, *The Presidential Vote* and *They Voted for Roosevelt,* Stanford University Press, Stanford, Calif., 1934 and 1947, respectively. 1940-1964 and 1968-1980, Elections Research Center, Washington, D.C., *America at the Polls* and *America Votes,* biennial, respectively (copyright).

Figure 16.1
Popular Vote Cast for President, by Major Party: 1952 to 1980



*1968 and 1972—American Independent; 1980—John Anderson.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 776.

Figure 16.2
Voter Participation in Presidential Elections: 1968 to 1980



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 805.

No. 777. Electoral Vote Cast for President, by Major Political Parties—States: 1940 to 1980

[D=Democratic, R=Republican. For composition of regions, see fig. I, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series Y 84-134]

Region and State	1940	1944	1948 [1]	1952	1956 [2]	1960 [3]	1964	1968 [4]	1972 [5]	1976 [6]	1980
Democratic	**449**	**432**	**303**	**89**	**73**	**303**	**486**	**191**	**17**	**297**	**49**
Republican	**82**	**99**	**189**	**442**	**457**	**219**	**52**	**301**	**520**	**240**	**489**
Northeast: Dem	132	130	20	-	-	121	126	102	14	86	4
Rep	8	8	118	133	133	12	-	24	108	38	118
North Central: Dem	93	73	101	-	13	71	149	31	-	58	10
Rep	68	82	54	153	140	82	-	118	145	87	135
South: Dem	165	167	117	89	60	101	121	45	3	149	31
Rep	-	-	11	77	105	50	47	77	165	20	138
West: Dem	59	62	65	-	-	10	90	13	-	4	4
Rep	6	9	6	79	79	75	5	82	102	97	98
Alabama	D-11	D-11	([1])	D-11	[2]D-10	[3]D-5	R-10	([4])	R-9	D-9	R-9
Alaska	(x)	(x)	(x)	(x)	(x)	R-3	D-3	R-3	R-3	R-3	R-3
Arizona	D-3	D-4	D-4	R-4	R-4	R-4	R-5	R-5	R-6	R-6	R-6
Arkansas	D-9	D-9	D-9	D-8	D-8	D-8	D-6	([4])	R-6	D-6	R-6
California	D-22	D-25	D-25	R-32	R-32	R-32	D-40	R-40	R-45	R-45	R-45
Colorado	R-6	R-6	D-6	R-6	R-6	R-6	D-6	R-6	R-7	R-7	R-7
Connecticut	D-8	D-8	R-8	R-8	R-8	D-8	D-8	D-8	R-8	R-8	R-8
Delaware	D-3	D-3	R-3	R-3	R-3	D-3	D-3	R-3	R-3	D-3	R-3
District of Columbia	(x)	(x)	(x)	(x)	(x)	(x)	D-3	D-3	D-3	D-3	D-3
Florida	D-7	D-8	D-8	R-10	R-10	R-10	D-14	R-14	R-17	D-17	R-17
Georgia	D-12	D-12	D-12	D-12	D-12	D-12	R-12	([4])	R-12	D-12	D-12
Hawaii	(x)	(x)	(x)	(x)	(x)	D-3	D-4	D-4	R-4	D-4	D-4
Idaho	D-4	D-4	D-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
Illinois	D-29	D-28	D-28	R-27	R-27	D-27	D-26	R-26	R-26	R-26	R-26
Indiana	R-14	R-13	R-13	R-13	R-13	R-13	D-13	R-13	R-13	R-13	R-13
Iowa	R-11	R-10	D-10	R-10	R-10	R-10	D-9	R-9	R-8	R-8	R-8
Kansas	R-9	R-8	R-8	R-8	R-8	R-8	D-7	R-7	R-7	R-7	R-7
Kentucky	D-11	D-11	D-11	D-10	R-10	R-10	D-9	R-9	R-9	D-9	R-9
Louisiana	D-10	D-10	([1])	D-10	R-10	D-10	R-10	([4])	R-10	D-10	R-10
Maine	R-5	R-5	R-5	R-5	R-5	R-5	D-4	D-4	R-4	R-4	R-4
Maryland	D-8	D-8	R-8	R-9	R-9	D-9	D-10	D-10	R-10	D-10	D-10
Massachusetts	D-17	D-16	D-16	R-16	R-16	D-16	D-14	D-14	D-14	D-14	R-14
Michigan	R-19	D-19	R-19	R-20	R-20	D-20	D-21	D-21	R-21	R-21	R-21
Minnesota	D-11	D-11	D-11	R-11	R-11	D-11	D-10	D-10	R-10	D-10	D-10
Mississippi	D-9	D-9	([1])	D-8	D-8	([3])	R-7	([4])	R-7	D-7	R-7
Missouri	D-15	D-15	D-15	R-13	D-13	D-13	D-12	R-12	R-12	D-12	R-12
Montana	D-4	D-4	D-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
Nebraska	R-7	R-6	R-6	R-6	R-6	R-6	D-5	R-5	R-5	R-5	R-5
Nevada	D-3	D-3	D-3	R-3	R-3	D-3	D-3	R-3	R-3	R-3	R-3
New Hampshire	D-4	D-4	R-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
New Jersey	D-16	D-16	R-16	R-16	R-16	D-16	D-17	R-17	R-17	R-17	R-17
New Mexico	D-3	D-4	D-4	R-4	R-4	D-4	D-4	R-4	R-4	R-4	R-4
New York	D-47	D-47	R-47	R-45	R-45	D-45	D-43	D-43	R-41	D-41	R-41
North Carolina	D-13	D-14	D-14	D-14	D-14	D-14	D-13	[4]R-12	R-13	D-13	R-13
North Dakota	R-4	R-4	R-4	R-4	R-4	R-4	D-4	R-4	R-3	R-3	R-3
Ohio	D-26	R-25	D-25	R-25	R-25	R-25	D-26	R-26	R-25	D-25	R-25
Oklahoma	D-11	D-10	D-10	R-8	R-8	[3]R-7	D-8	R-8	R-8	R-8	R-8
Oregon	D-5	D-6	R-6	R-6	R-6	R-6	D-6	R-6	R-6	R-6	R-6
Pennsylvania	D-36	D-35	R-35	R-32	R-32	D-32	D-29	D-29	R-27	D-27	R-27
Rhode Island	D-4	D-4	D-4	R-4	R-4	D-4	D-4	D-4	R-4	D-4	D-4
South Carolina	D-8	D-8	([1])	D-8	D-8	D-8	R-8	R-8	R-8	D-8	R-8
South Dakota	R-4	R-4	R-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
Tennessee	D-11	D-12	[1]D-11	R-11	R-11	R-11	D-11	R-11	R-10	D-10	R-10
Texas	D-23	D-23	D-23	R-24	R-24	D-24	D-25	D-25	R-26	D-26	R-26
Utah	D-4	D-4	D-4	R-4	R-4	R-4	D-4	R-4	R-4	R-4	R-4
Vermont	R-3	R-3	R-3	R-3	R-3	R-3	D-3	R-3	R-3	R-3	R-3
Virginia	D-11	D-11	D-11	R-12	R-12	R-12	D-12	R-12	[5]R-11	R-12	R-12
Washington	D-8	D-8	D-8	R-9	R-9	R-9	D-9	D-9	R-9	[6]R-8	R-9
West Virginia	D-8	D-8	D-8	D-8	R-8	D-8	D-7	D-7	R-6	D-6	D-6
Wisconsin	D-12	R-12	D-12	R-12	R-12	R-12	D-12	R-12	R-11	D-11	R-11
Wyoming	D-3	R-3	D-3	R-3	R-3	R-3	D-3	R-3	R-3	R-3	R-3

- Represents zero. X Not applicable. [1] Excludes 39 electoral votes cast for States' Rights Democratic candidates as follows: Alabama 11; Louisiana 10; Mississippi 9; South Carolina 8; and Tennessee 1. [2] Excludes 1 electoral vote cast for Walter B. Jones. [3] Excludes 15 electoral votes cast for Harry F. Byrd as follows: Alabama 6; Mississippi 8; and Oklahoma 1. [4] Excludes 46 electoral votes cast for George C. Wallace as follows: Alabama 10; Arkansas 6; Georgia 12; Louisiana 10; Mississippi 7; North Carolina 1. [5] Excludes 1 electoral vote cast for John Hospers. [6] Excludes 1 electoral vote cast for Ronald Reagan.

Source: 1940–1972, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election;* thereafter, Elections Research Center, Washington, D.C., *America Votes*, biennial. (Copyright).

No. 778. Popular Vote Cast for President, and Percent of Vote for Leading Party, by Regions and States: 1948 to 1968

[**In thousands, except percent.** D=Democratic, R=Republican. Leading party vote refers to the party vote representing either a majority or a plurality for the victorious party in the area shown. For composition of regions, see fig. I, inside front cover. See also tables 776 and 779, and *Historical Statistics, Colonial Times to 1970*, series Y 135-186]

Region and State	1948		1952		1956		1960		1964		1968	
	Total vote cast	Percent for leading party	Total vote cast	Percent for leading party	Total vote cast	Percent for leading party	Total vote cast	Percent for leading party	Total vote cast	Percent for leading party	Total vote cast	Percent for leading party
Total	**48,794**	**D-49.6**	**61,551**	**R-55.1**	**62,027**	**R-57.4**	**68,838**	**D-49.7**	**70,645**	**D-61.1**	**73,212**	**R-43.4**
Northeast	15,800	R-47.8	18,801	R-55.1	18,782	R-60.7	20,053	D-52.7	19,623	D-68.3	19,240	D-50.2
North Central	17,540	D-50.3	21,153	R-57.6	21,114	R-58.6	22,979	R-52.2	22,209	D-61.3	22,206	R-46.8
South	8,244	D-52.6	12,445	D-50.5	12,478	R-51.1	14,389	D-49.9	16,597	D-53.3	19,177	R-36.4
West	7,209	D-49.4	9,151	R-57.3	9,654	R-56.4	11,417	R-51.1	12,214	D-59.4	12,590	R-48.7
Alabama	215	(1)	426	D-64.6	497	D-56.5	570	D-56.8	690	R-69.5	1,050	(2)
Alaska	(x)	(x)	(x)	(x)	(x)	(x)	61	R-50.9	67	D-65.9	83	R-45.3
Arizona	177	D-53.8	261	R-58.3	290	R-61.0	398	R-55.5	481	R-50.4	487	R-54.8
Arkansas	242	D-61.7	405	D-55.9	407	D-52.5	429	D-50.2	560	D-56.1	620	(2)
California	4,022	D-47.6	5,142	R-56.3	5,466	R-55.4	6,507	R-50.1	7,058	D-59.1	7,252	R-47.8
Colorado	515	D-51.9	630	R-60.3	657	R-60.0	736	R-54.6	777	D-61.3	811	R-50.5
Connecticut	884	R-49.5	1,097	R-55.7	1,117	R-63.7	1,223	D-53.7	1,219	D-67.8	1,256	D-49.5
Delaware	139	R-50.0	174	R-51.8	178	R-55.1	197	D-50.6	201	D-60.9	214	R-45.1
Dist. of Columbia	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	199	D-85.5	171	D-81.8
Florida	578	D-48.8	989	R-55.0	1,126	R-57.2	1,544	R-51.5	1,854	D-51.1	2,188	R-40.5
Georgia	419	D-60.8	656	D-69.7	670	D-66.4	733	D-62.5	1,139	R-54.1	1,250	(2)
Hawaii	(x)	(x)	(x)	(x)	(x)	(x)	185	(3)	207	D-78.8	236	D-59.8
Idaho	215	D-50.0	276	R-65.4	273	R-61.2	300	R-53.8	292	D-50.9	291	R-56.8
Illinois	3,984	D-50.1	4,481	R-54.8	4,407	R-59.5	4,757	D-50.0	4,703	D-59.5	4,620	R-47.1
Indiana	1,656	R-49.6	1,956	R-58.1	1,975	R-59.9	2,135	R-55.0	2,092	D-56.0	2,124	R-50.3
Iowa	1,038	D-50.3	1,269	R-63.8	1,235	R-59.1	1,274	R-56.7	1,185	D-61.9	1,168	R-53.0
Kansas	789	R-53.6	896	R-68.8	866	R-65.4	929	R-60.4	858	D-54.1	873	R-54.8
Kentucky	823	D-56.7	993	D-49.9	1,054	R-54.3	1,124	R-53.6	1,046	D-64.0	1,056	R-43.8
Louisiana	416	(1)	652	D-52.9	618	R-53.3	808	D-50.4	896	R-56.8	1,097	(2)
Maine	265	R-56.4	352	R-66.0	352	R-70.9	422	R-57.0	381	D-68.8	393	D-55.3
Maryland	597	R-49.4	902	R-55.4	933	R-60.0	1,055	D-53.6	1,116	D-65.5	1,235	D-43.6
Massachusetts	2,107	D-54.7	2,383	R-54.2	2,349	R-59.3	2,469	D-60.2	2,345	D-76.2	2,332	D-63.0
Michigan	2,110	R-49.2	2,799	R-55.4	3,080	R-55.6	3,318	D-50.9	3,203	D-66.7	3,306	D-48.2
Minnesota	1,212	D-57.2	1,379	R-55.3	1,340	R-53.7	1,542	D-50.6	1,554	D-63.8	1,589	D-54.0
Mississippi	192	(1)	286	D-60.4	248	D-58.2	298	(4)	409	R-87.1	655	(2)
Missouri	1,579	D-58.1	1,892	R-50.7	1,833	D-50.1	1,934	D-50.3	1,818	D-64.0	1,810	R-44.9
Montana	224	D-53.1	265	R-59.4	271	R-57.1	278	R-51.1	279	D-58.9	274	R-50.6
Nebraska	489	R-54.2	610	R-69.2	577	R-65.5	613	R-62.1	584	D-52.6	537	R-59.8
Nevada	62	D-50.4	82	R-61.4	97	R-58.0	107	D-51.2	135	D-58.6	154	R-47.5
New Hampshire	231	R-52.4	273	R-60.9	267	R-66.1	296	R-53.4	288	D-63.9	297	R-52.1
New Jersey	1,950	R-50.3	2,419	R-56.8	2,484	R-64.7	2,773	D-50.0	2,848	D-65.6	2,875	R-46.1
New Mexico	187	D-56.4	239	R-55.4	254	R-57.8	311	D-50.2	329	D-59.0	327	R-51.8
New York	6,177	R-46.0	7,128	R-55.5	7,096	R-61.2	7,291	D-52.5	7,166	D-68.6	6,792	D-49.7
North Carolina	791	D-58.0	1,211	D-53.9	1,166	D-50.7	1,369	D-52.1	1,425	D-56.2	1,587	R-39.5
North Dakota	221	R-52.2	270	R-71.0	254	R-61.7	278	R-55.4	258	D-58.0	248	R-55.9
Ohio	2,936	D-49.5	3,701	R-56.8	3,702	R-61.1	4,162	R-53.3	3,969	D-62.9	3,960	R-45.2
Oklahoma	722	D-62.7	949	R-54.6	859	R-55.1	903	R-59.0	932	D-55.7	943	R-47.7
Oregon	524	R-49.8	695	R-60.5	736	R-55.2	776	R-52.6	786	D-63.7	820	R-49.8
Pennsylvania	3,735	R-50.9	4,581	R-52.7	4,577	R-58.5	5,007	D-51.1	4,823	D-64.9	4,748	D-47.6
Rhode Island	328	D-57.6	414	R-50.9	388	R-58.3	406	D-63.6	390	D-80.9	385	D-64.0
South Carolina	143	(1)	341	D-50.7	301	D-45.4	387	D-51.2	525	R-58.9	667	R-38.1
South Dakota	250	R-51.8	294	R-69.3	294	R-58.4	306	R-58.2	293	D-55.6	281	R-53.3
Tennessee	550	D-49.1	893	R-50.0	939	R-49.2	1,052	R-52.9	1,144	D-55.5	1,249	R-37.8
Texas	1,250	D-66.0	2,076	R-53.1	1,955	R-55.3	2,311	D-50.5	2,627	D-63.3	3,079	D-41.1
Utah	276	D-54.0	330	R-58.9	334	R-64.6	375	R-54.8	401	D-54.7	423	R-56.5
Vermont	123	R-61.5	154	R-71.5	153	R-72.2	167	R-58.6	163	D-66.3	161	R-52.8
Virginia	419	D-47.9	620	R-56.3	698	R-55.4	771	R-52.4	1,042	D-53.5	1,361	R-43.4
Washington	905	D-52.6	1,103	R-54.3	1,151	R-53.9	1,242	R-50.7	1,259	D-62.0	1,304	D-47.2
West Virginia	749	D-57.3	874	D-51.9	831	R-54.1	838	D-52.7	792	D-67.9	754	D-49.6
Wisconsin	1,277	D-50.7	1,607	R-61.0	1,551	R-61.6	1,729	R-51.8	1,692	D-62.1	1,692	R-47.9
Wyoming	101	D-51.6	129	R-62.7	124	R-60.1	141	R-55.0	143	D-56.6	127	R-55.8

X Not applicable. [1] Vote represented a victory for Thurmond (States' Rights Democratic Party) as follows: Alabama, 79.7 percent; Louisiana, 49.1 percent; Mississippi, 87.2 percent; and South Carolina, 72.0 percent. [2] Vote represented a victory for Wallace (American Independent Party) as follows: Alabama, 65.8 percent; Arkansas, 38.9 percent; Georgia, 42.9 percent; Louisiana, 48.3 percent; and Mississippi, 63.4 percent. [3] Percentages of 50.0 for both parties based on following vote: Democratic, 92,410; Republican, 92,295. [4] Vote represented a victory for unpledged Democratic electors: 39.0 percent.

Source: 1948, Elections Research Center, Washington, D.C., *America at the Polls* (copyright); 1952 and 1956, U.S. Bureau of the Census, *Congressional District Data Book (Districts of the 88th Congress)*, 1963; and 1960-1968, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election.*

No. 779. Popular Vote Cast for President, by Political Parties—Regions and States: 1972 to 1980

[In thousands, except percent. D=Democratic, R=Republican. See headnote, table 778. See also *Historical Statistics, Colonial Times to 1970*, series Y 135-186]

Region and State	1972				1976				1980			
	Total [1]	Democratic Party	Republican Party	Percent for leading party	Total [1]	Democratic Party	Republican Party	Percent for leading party	Total [1]	Democratic Party	Republican Party	Percent for leading party
Total	**77,719**	**29,170**	**47,170**	**R-60.7**	**81,556**	**40,831**	**39,148**	**D-50.1**	**86,515**	**35,484**	**43,904**	**R-50.7**
Northeast	19,952	8,278	11,483	R-57.6	19,520	9,929	9,272	D-50.9	19,206	8,019	9,147	R-47.6
North Central	23,190	9,127	13,711	R-59.1	24,155	11,671	11,995	R-49.7	25,178	10,291	12,827	R-50.9
South	20,048	6,087	13,666	R-68.2	23,198	12,520	10,394	D-54.0	25,813	11,554	13,118	R-50.8
West	14,529	5,679	8,309	R-57.2	14,682	6,711	7,488	R-51.0	16,318	5,620	8,813	R-54.0
Ala	1,006	257	729	R-72.4	1,183	659	504	D-55.7	1,342	637	654	R-48.8
Alaska	95	33	55	R-58.1	124	44	72	R-57.9	158	42	86	R-54.3
Ariz	623	199	403	R-64.7	743	296	419	R-56.4	874	247	530	R-60.6
Ark	651	200	449	R-68.9	768	499	268	D-65.0	838	398	403	R-48.1
Calif	8,368	3,476	4,602	R-55.0	7,867	3,742	3,882	R-49.3	8,587	3,084	4,525	R-52.7
Colo	954	330	597	R-62.6	1,082	460	584	R-54.0	1,184	368	652	R-55.1
Conn	1,384	555	811	R-58.6	1,382	648	719	R-52.1	1,406	542	677	R-48.2
Del	236	92	140	R-59.6	236	123	110	D-52.0	236	106	111	R-47.2
D.C.	163	128	35	D-78.1	169	138	28	D-81.6	175	131	24	D-74.8
Fla	2,583	718	1,858	R-71.9	3,151	1,636	1,470	D-51.9	3,687	1,419	2,047	R-55.5
Ga	1,175	290	881	R-75.0	1,467	979	484	D-66.7	1,597	891	654	D-55.8
Hawaii	270	101	169	R-62.5	291	147	140	D-50.6	303	136	130	D-44.8
Idaho	310	81	199	R-64.2	344	127	204	R-59.3	437	110	291	R-66.5
Ill	4,723	1,913	2,788	R-59.0	4,719	2,271	2,364	R-50.1	4,750	1,981	2,358	R-49.6
Ind	2,126	709	1,405	R-66.1	2,220	1,015	1,184	R-53.3	2,242	844	1,256	R-56.0
Iowa	1,226	496	706	R-57.6	1,279	620	633	R-49.5	1,318	509	676	R-51.3
Kans	916	270	620	R-67.7	958	430	503	R-52.5	980	326	567	R-57.9
Ky	1,067	371	676	R-63.4	1,167	616	532	D-52.8	1,295	616	635	R-49.1
La	1,051	298	687	R-65.3	1,278	661	587	D-51.7	1,549	708	793	R-51.2
Maine	417	161	256	R-61.5	483	232	236	R-48.9	523	221	239	R-45.6
Md	1,354	506	829	R-61.3	1,440	760	673	D-52.8	1,540	726	681	D-47.1
Mass	2,459	1,333	1,112	D-54.2	2,548	1,429	1,030	D-56.1	2,524	1,054	1,058	R-41.9
Mich	3,490	1,459	1,962	R-56.2	3,654	1,697	1,894	R-51.8	3,910	1,662	1,915	R-49.0
Minn	1,742	802	898	R-51.6	1,950	1,070	819	D-54.9	2,052	954	873	D-46.5
Miss	646	127	505	R-78.2	769	381	367	D-49.6	893	429	441	R-49.4
Mo	1,856	697	1,154	R-62.2	1,954	998	927	D-51.1	2,100	931	1,074	R-51.2
Mont	318	120	184	R-57.9	329	149	174	R-52.8	364	118	207	R-56.8
Nebr	576	170	406	R-70.5	608	234	360	R-59.2	641	167	420	R-65.5
Nev	182	66	116	R-63.7	202	92	101	R-50.2	248	67	155	R-62.5
N.H	334	116	214	R-64.0	340	148	186	R-54.7	384	109	222	R-57.7
N.J	2,997	1,102	1,846	R-61.6	3,014	1,445	1,510	R-50.1	2,976	1,147	1,547	R-52.0
N. Mex	386	141	236	R-61.0	418	201	211	R-50.5	457	168	251	R-54.9
N.Y	7,166	2,951	4,193	R-58.5	6,534	3,390	3,101	D-51.9	6,202	2,728	2,894	R-46.7
N.C	1,519	439	1,055	R-69.5	1,679	927	742	D-55.2	1,856	876	915	R-49.3
N. Dak	281	100	174	R-62.1	297	136	153	R-51.6	302	79	194	R-64.2
Ohio	4,095	1,559	2,442	R-59.6	4,112	2,012	2,001	D-48.9	4,284	1,752	2,207	R-51.5
Okla	1,030	247	759	R-73.7	1,092	532	546	R-50.0	1,150	402	696	R-60.5
Oreg	928	393	487	R-52.4	1,030	490	492	R-47.8	1,182	457	571	R-48.3
Pa	4,592	1,797	2,715	R-59.1	4,621	2,329	2,206	D-50.4	4,562	1,938	2,262	R-49.6
R.I	416	195	220	R-53.0	411	228	181	D-55.4	416	198	155	D-47.7
S.C	674	187	477	R-70.8	803	451	346	D-56.2	894	430	442	R-49.4
S. Dak	307	140	166	R-54.2	301	147	152	R-50.4	328	104	198	R-60.5
Tenn	1,201	357	813	R-67.7	1,476	826	634	D-55.9	1,618	783	788	R-48.7
Tex	3,471	1,154	2,299	R-66.2	4,072	2,082	1,953	D-51.1	4,542	1,881	2,511	R-55.3
Utah	478	126	324	R-67.6	541	182	338	R-62.4	604	124	440	R-72.8
Vt	187	68	117	R-62.7	188	81	102	R-54.4	213	82	95	R-44.4
Va	1,457	439	988	R-67.8	1,697	814	837	R-49.3	1,866	752	990	R-53.0
Wash	1,471	568	837	R-56.9	1,556	717	778	R-50.0	1,742	650	865	R-49.7
W. Va	762	277	485	R-63.6	751	436	315	D-58.0	738	367	334	D-49.8
Wis	1,853	810	989	R-53.4	2,104	1,040	1,005	D-49.4	2,273	982	1,089	R-47.9
Wyo	146	44	100	R-69.0	156	62	93	R-59.3	177	49	111	R-62.6

[1] Includes other parties.

Source: 1972, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election of Nov. 7, 1972* (in some cases, figures have been revised by Elections Research Center, Washington, D.C.); thereafter, Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright).

No. 780. Popular Vote Cast for President and Percent Distribution of Vote by Political Party—Geographic Divisions: 1964 to 1980

[For composition of divisions, see fig. I, inside front cover]

Year and party	Unit	Total	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
1964, total	1,000	**70,645**	**4,786**	**14,837**	**15,659**	**6,550**	**8,294**	**3,289**	**5,016**	**2,837**	**9,377**
Democratic	Percent	61.1	72.7	66.8	61.6	60.6	55.6	41.3	57.5	56.4	60.4
Republican	Percent	38.5	27.0	32.9	38.2	39.1	44.4	52.2	42.3	43.3	39.4
Other	Percent	.5	.2	.3	.1	.2	(Z)	6.5	.2	.3	.2
1968, total	1,000	**73,212**	**4,825**	**14,415**	**15,701**	**6,505**	**9,428**	**4,009**	**5,740**	**2,695**	**9,695**
Democratic	Percent	42.7	57.1	47.9	43.9	43.2	34.5	27.3	36.0	38.1	45.3
Republican	Percent	43.4	38.5	44.6	45.9	48.9	39.2	29.2	37.0	52.9	47.4
Other	Percent	13.9	4.4	7.6	10.2	7.9	26.3	43.5	27.0	9.0	7.3
1972, total	1,000	**77,719**	**5,197**	**14,755**	**16,286**	**6,904**	**9,923**	**3,921**	**6,204**	**3,397**	**11,132**
Democratic	Percent	37.5	46.7	39.6	39.6	38.8	31.0	28.4	30.6	32.6	41.1
Republican	Percent	60.7	52.5	59.3	58.9	59.8	68.0	69.5	67.6	63.6	55.2
Other	Percent	1.8	.7	1.0	1.5	1.5	1.0	2.2	1.8	3.8	3.7
1976, total	1,000	**81,556**	**5,351**	**14,169**	**16,809**	**7,346**	**11,392**	**4,596**	**7,210**	**3,815**	**10,867**
Democratic	Percent	50.1	51.7	50.6	47.8	49.5	55.0	54.0	52.4	41.1	47.3
Republican	Percent	48.0	45.9	48.1	50.3	48.3	43.9	44.3	46.5	55.7	49.4
Other	Percent	1.9	2.4	1.3	1.9	2.2	1.1	1.7	1.1	3.2	3.3
1980, total	1,000	**86,515**	**5,467**	**13,739**	**17,458**	**7,719**	**12,589**	**5,147**	**8,078**	**4,346**	**11,973**
Democratic	Percent	41.0	40.3	42.3	41.4	39.8	45.3	47.9	42.0	28.8	36.5
Republican	Percent	50.7	44.7	48.8	50.5	51.8	49.2	48.9	54.5	60.7	51.6
Other	Percent	8.2	14.9	8.9	8.1	8.4	5.5	3.2	3.5	10.6	11.9

Z Less than .05 percent.

Source: Elections Research Center, Washington, D.C., *America Votes,* biennial (copyright).

No. 781. Percent of Total and Voting-Age Population and of Popular and Electoral Vote for President, by Regions and States: 1980

Region [1] and state	Total population [2]	Voting age population [3]	Popular vote for President	Electoral vote for President	State	Total population [2]	Voting age population [3]	Popular vote for President	Electoral vote for President
U.S	**100.0**	**100.0**	**100.0**	**100.0**	Minnesota	1.8	1.8	2.4	1.9
					Mississippi	1.1	1.0	1.0	1.3
Northeast	21.7	22.1	22.2	22.7	Missouri	2.2	2.2	2.4	2.2
North Central	25.9	25.6	29.1	27.0	Montana	.4	.3	.4	.7
South	33.3	33.1	29.8	31.4	Nebraska	.7	.7	.7	.9
West	19.1	19.2	18.9	19.0					
					Nevada	.4	.4	.3	.6
Alabama	1.7	1.7	1.6	1.7	New Hampshire	.4	.4	.4	.7
Alaska	.2	.2	.2	.6	New Jersey	3.3	3.3	3.4	3.2
Arizona	1.2	1.2	1.0	1.1	New Mexico	.6	.6	.5	.7
Arkansas	1.0	1.0	1.0	1.1	New York	7.7	7.9	7.2	7.6
California	10.5	10.7	9.9	8.4					
					North Carolina	2.6	2.6	2.1	2.4
Colorado	1.3	1.3	1.4	1.3	North Dakota	.3	.3	.3	.6
Connecticut	1.4	1.4	1.6	1.5	Ohio	4.8	4.7	5.0	4.6
Delaware	.3	.3	.3	.6	Oklahoma	1.3	1.3	1.3	1.5
District of Columbia	.3	.3	.2	.6	Oregon	1.2	1.2	1.4	1.1
Florida	4.4	4.6	4.3	3.2					
					Pennsylvania	5.2	5.3	5.3	5.0
Georgia	2.4	2.4	1.8	2.2	Rhode Island	.4	.4	.5	.7
Hawaii	.4	.4	.4	.7	South Carolina	1.4	1.3	1.0	1.5
Idaho	.4	.4	.5	.7	South Dakota	.3	.3	.4	.7
Illinois	5.0	5.0	5.5	4.8	Tennessee	2.0	2.0	1.9	1.9
Indiana	2.4	2.4	2.6	2.4					
					Texas	6.3	6.2	5.2	4.8
Iowa	1.3	1.3	1.5	1.5	Utah	.7	.6	.7	.7
Kansas	1.0	1.1	1.1	1.3	Vermont	.2	.2	.2	.6
Kentucky	1.6	1.6	1.5	1.7	Virginia	2.4	2.4	2.2	2.2
Louisiana	1.9	1.8	1.8	1.9	Washington	1.8	1.8	2.0	1.7
Maine	.5	.5	.6	.7					
					West Virginia	.9	.9	.9	1.1
Maryland	1.9	1.9	1.8	1.9	Wisconsin	2.1	2.1	2.6	2.0
Massachusetts	2.5	2.6	2.9	2.6	Wyoming	.2	.2	.2	.6
Michigan	4.1	4.0	4.5	3.9					

[1] For composition of regions, see fig. I, inside front cover. [2] Estimated. As of July. Includes Armed Forces residing in each State. [3] Estimated. As of Nov. Resident population 18 years old and over.

Source: Compiled from U.S. Bureau of the Census, *Current Population Reports,* series P-25, Nos. 911 and 916, and Elections Research Center, Washington, D.C., *America Votes,* biennial (copyright).

No. 782. Vote Cast for Major Political Offices, by Major Parties: 1960 to 1980

Year and office	Total vote cast (mil.)	Democratic		Republican		Other parties		Plurality		
		Vote cast (mil.)	Percent	Vote cast (mil.)	Percent	Vote cast (mil.)	Percent	Party [1]	Vote (mil.)	Percent
1960: President	68.8	34.2	49.7	34.1	49.5	.5	.7	Dem.	.1	.2
U.S. House of Rep. (381 dist.[2])	63.3	34.7	54.8	28.4	44.8	.3	.4	Dem.	6.3	10.0
U.S. Senate (34 States)	33.5	18.3	54.6	15.0	44.8	.2	.6	Dem.	3.3	9.8
State Governor (30 States)	35.5	18.7	52.9	16.6	46.8	.1	.3	Dem.	2.1	6.0
1964: President	70.6	43.1	61.1	27.2	38.5	.3	.5	Dem.	16.0	22.6
U.S. House of Rep. (403 dist.[2])	65.9	37.7	57.2	27.9	42.3	.3	.5	Dem.	9.8	14.9
U.S. Senate (34 States)	51.5	29.0	56.3	22.1	42.9	.5	.9	Dem.	6.9	13.4
State Governor (25 States)	29.1	16.1	55.2	12.9	44.4	.1	.4	Dem.	3.2	10.9
1968: President	73.2	31.3	42.7	31.8	43.4	10.2	13.9	Rep.	.5	.7
U.S. House of Rep. (398 dist.[2])	66.1	33.0	50.0	31.9	48.2	1.2	1.8	Dem.	1.2	1.8
U.S. Senate (34 States)	50.8	25.0	49.2	24.2	47.5	1.7	3.3	Dem.	.8	1.6
State Governor (22 States)	22.7	11.8	51.8	10.9	47.9	.1	.3	Dem.	.9	3.9
1972: President	77.7	29.2	37.5	47.2	60.7	1.4	1.8	Rep.	18.0	23.2
U.S. House of Rep. (401 dist.[2])	71.4	36.9	51.7	33.1	46.4	1.4	1.9	Dem.	3.8	5.3
U.S. Senate (34 States)	37.5	17.0	45.4	19.7	52.5	.8	2.1	Rep.	2.7	7.2
State Governor (21 States)	23.9	12.1	50.5	11.1	46.6	.7	2.9	Dem.	.9	3.9
1976: President	81.6	40.8	50.1	39.1	48.0	1.6	1.9	Dem.	1.7	2.1
U.S. House of Rep. (423 dist.[2])	74.4	41.9	56.3	31.3	42.0	1.3	1.7	Dem.	10.6	14.2
U.S. Senate (33 States)	58.9	32.0	54.4	25.8	43.8	1.1	1.8	Dem.	6.2	10.6
State Governor (14 States)	15.7	7.7	48.8	7.9	50.4	.1	.9	Rep.	.3	1.6
1980: President	86.5	35.5	41.0	43.9	50.7	7.1	8.2	Rep.	8.4	9.7
U.S. House of Rep. (408 dist.[2])	78.0	39.3	50.4	37.4	47.9	1.3	1.7	Dem.	2.0	2.5
U.S. Senate (33 States)	58.6	29.9	51.0	27.0	46.1	1.7	3.0	Dem.	2.9	4.9
State Governor (13 States)	11.9	5.9	49.8	5.9	49.8	(z)	.4	Rep.	(z)	(z)

Z Less than 50,000 or .05 percent. [1] See headnote, table 783. [2] Number of districts in which votes were tabulated.

Source: Compiled by U.S. Bureau of the Census from Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright).

No. 783. Percent Popular Vote Cast for President and for U.S. Congress by Party, and Party Composition of U.S. Congress, by Region: 1964 to 1980

[Dem.=Democratic Party, Rep.=Republican Party. Excludes minor parties and independents. For composition of regions, see fig. I, inside front cover]

Year and region	Percent vote cast for—						Party composition (seats held) [1]			
	President		House of Representatives		Senate		House of Representatives		Senate	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
1964, U.S	**61.1**	**38.5**	**57.2**	**42.3**	**56.3**	**42.9**	**295**	**140**	**68**	**32**
Northeast	68.3	31.5	57.7	41.5	55.7	42.8	70	38	10	8
North Central	61.3	38.5	53.8	46.1	56.8	43.0	66	59	15	9
South	53.3	45.3	64.8	34.0	60.6	37.7	112	21	26	6
West	59.4	40.4	53.6	46.4	52.3	47.7	47	22	17	9
1968, U.S	**42.7**	**43.4**	**50.0**	**48.2**	**49.2**	**47.5**	**243**	**192**	**57**	**43**
Northeast	50.2	43.0	48.4	46.7	39.2	50.9	64	44	8	10
North Central	43.7	46.8	45.8	54.1	49.5	50.2	46	79	13	11
South	33.5	36.4	60.9	37.9	57.2	40.4	97	36	22	10
West	43.7	48.7	45.7	53.2	52.5	46.4	36	33	14	12
1972, U.S	**37.5**	**60.7**	**51.7**	**46.4**	**45.4**	**52.5**	**239**	**192**	**56**	**42**
Northeast	41.5	57.6	48.8	47.0	37.1	60.7	57	46	8	9
North Central	39.4	59.1	48.2	50.9	44.0	55.0	50	70	15	9
South	30.4	68.2	58.5	40.4	49.5	47.4	91	42	18	13
West	39.1	57.2	53.0	45.8	46.1	52.9	41	34	15	11
1976, U.S	**50.1**	**48.0**	**56.3**	**42.0**	**54.4**	**43.8**	**292**	**143**	**61**	**38**
Northeast	50.9	47.5	56.3	41.8	54.2	44.7	73	31	10	8
North Central	48.3	49.7	52.3	46.7	53.3	44.5	68	53	16	8
South	54.0	44.8	61.9	36.2	59.0	39.5	100	34	22	9
West	45.7	51.0	54.7	43.0	51.2	45.9	51	25	13	13
1980, U.S	**41.0**	**50.7**	**50.4**	**47.9**	**51.0**	**46.1**	**243**	**192**	**46**	**53**
Northeast	41.8	47.6	49.9	48.1	46.8	46.9	59	45	9	9
North Central	40.9	50.9	48.2	51.2	53.7	44.9	58	63	10	14
South	44.8	50.8	55.9	42.7	50.1	49.3	87	47	18	13
West	34.4	54.0	47.1	49.7	51.9	43.9	39	37	9	17

[1] For beginning of the first session of Congress following the year shown. Excludes vacant seats.

Source: Compiled by U.S. Bureau of the Census from Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright) and U.S. Congress, Joint Committee on Printing, *Congressional Directory*, biennial.

No. 784. Vote Cast for United States Senators, by Major Political Parties—States: 1976 to 1980

[In thousands, except percent. Excludes elections to fill vacancies for unexpired term]

STATE	1976				1978				1980			
	Total [1]	Democratic	Republican	Percent for leading party	Total [1]	Democratic	Republican	Percent for leading party	Total [1]	Democratic	Republican	Percent for leading party
Alabama	(x)	(x)	(x)	(x)	582	547	-	94.0	1,297	610	650	50.2
Alaska	(x)	(x)	(x)	(x)	123	30	93	75.6	157	72	84	53.7
Arizona	741	400	321	54.0	(x)	(x)	(x)	(x)	874	423	432	49.5
Arkansas	(x)	(x)	(x)	(x)	522	400	85	76.6	809	478	331	59.1
California	7,472	3,503	3,749	50.2	(x)	(x)	(x)	(x)	8,327	4,705	3,093	56.5
Colorado	(x)	(x)	(x)	(x)	819	330	481	58.7	1,174	591	571	50.3
Connecticut	1,362	561	786	57.7	(x)	(x)	(x)	(x)	1,356	764	582	56.3
Delaware	225	98	126	55.8	162	94	66	58.0	(x)	(x)	(x)	(x)
Florida	2,858	1,800	1,058	63.0	(x)	(x)	(x)	(x)	3,528	1,705	1,822	51.7
Georgia	(x)	(x)	(x)	(x)	645	536	109	83.1	1,580	776	804	50.9
Hawaii	302	162	123	53.7	(x)	(x)	(x)	(x)	288	224	53	77.9
Idaho	(x)	(x)	(x)	(x)	284	90	194	68.4	440	214	219	49.7
Illinois	(x)	(x)	(x)	(x)	3,185	1,448	1,699	53.3	4,580	2,565	1,946	56.0
Indiana	2,171	879	1,276	58.8	(x)	(x)	(x)	(x)	2,198	1,016	1,182	53.8
Iowa	(x)	(x)	(x)	(x)	825	395	422	51.1	1,277	582	683	53.5
Kansas	(x)	(x)	(x)	(x)	749	318	403	53.9	939	340	599	63.8
Kentucky	(x)	(x)	(x)	(x)	477	291	176	61.0	1,107	721	386	65.1
Louisiana	(x)	(x)	(x)	(x)	([2])	([2])	([2])	([2])	([2])	([2])	([2])	([2])
Maine	486	293	193	60.2	375	127	212	56.6	(x)	(x)	(x)	(x)
Maryland	1,366	772	530	56.5	(x)	(x)	(x)	(x)	1,286	435	851	66.2
Massachusetts	2,491	1,727	723	69.3	1,986	1,093	891	55.1	(x)	(x)	(x)	(x)
Michigan	3,491	1,831	1,635	52.5	2,847	1,484	1,362	52.1	(x)	(x)	(x)	(x)
Minnesota	1,912	1,291	479	67.5	1,581	638	894	56.6	(x)	(x)	(x)	(x)
Mississippi	554	554	-	100.0	584	185	263	45.1	(x)	(x)	(x)	(x)
Missouri	1,915	814	1,090	56.9	(x)	(x)	(x)	(x)	2,067	1,075	985	52.0
Montana	321	206	115	64.2	288	160	128	55.7	(x)	(x)	(x)	(x)
Nebraska	598	314	284	52.4	494	334	160	67.6	(x)	(x)	(x)	(x)
Nevada	202	127	63	63.0	(x)	(x)	(x)	(x)	246	92	144	58.5
New Hampshire	(x)	(x)	(x)	(x)	264	128	134	50.7	375	179	196	52.1
New Jersey	2,771	1,681	1,055	60.7	1,958	1,083	844	55.3	(x)	(x)	(x)	(x)
New Mexico	413	176	235	56.8	344	160	183	53.4	(x)	(x)	(x)	(x)
New York	6,320	3,423	2,837	54.2	(x)	(x)	(x)	(x)	6,015	2,619	2,700	44.9
North Carolina	(x)	(x)	(x)	(x)	1,136	517	619	54.5	1,798	888	898	50.0
North Dakota	283	176	103	62.1	(x)	(x)	(x)	(x)	299	87	210	70.3
Ohio	3,921	1,941	1,824	49.5	(x)	(x)	(x)	(x)	4,027	2,771	1,138	68.8
Oklahoma	(x)	(x)	(x)	(x)	754	494	248	65.5	1,098	478	587	53.5
Oregon	(x)	(x)	(x)	(x)	893	342	550	61.6	1,140	502	594	52.1
Pennsylvania	4,546	2,127	2,382	52.4	(x)	(x)	(x)	(x)	4,418	2,122	2,230	50.5
Rhode Island	399	168	230	57.7	306	230	76	75.1	(x)	(x)	(x)	(x)
South Carolina	(x)	(x)	(x)	(x)	633	281	352	55.6	871	613	258	70.4
South Dakota	(x)	(x)	(x)	(x)	256	85	171	66.8	327	129	191	58.2
Tennessee	1,432	751	673	52.5	1,157	466	643	55.5	(x)	(x)	(x)	(x)
Texas	3,875	2,200	1,636	56.8	2,313	1,139	1,151	49.8	(x)	(x)	(x)	(x)
Utah	540	242	290	53.7	(x)	(x)	(x)	(x)	594	151	438	73.6
Vermont	189	86	94	50.0	(x)	(x)	(x)	(x)	209	104	101	49.8
Virginia	1,558	596	[3]891	[3]57.2	1,222	609	613	50.2	(x)	(x)	(x)	(x)
Washington	1,491	1,071	362	71.8	(x)	(x)	(x)	(x)	1,728	792	936	54.2
West Virginia	567	566	-	99.9	493	249	244	50.5	(x)	(x)	(x)	(x)
Wisconsin	1,935	1,397	522	72.2	(x)	(x)	(x)	(x)	2,204	1,065	1,106	50.2
Wyoming	155	71	85	54.6	133	50	83	62.2	(x)	(x)	(x)	(x)

- Represents zero. X Not applicable. [1] Includes vote cast for minor parties. [2] Unopposed Democrat; no vote tallied since name not printed on ballot. [3] Represents vote cast for Independent candidate.

Source: Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright).

No. 785. Apportionment of Membership in House of Representatives, by States: 1790 to 1980

[Total membership includes Representatives assigned to newly admitted States after the apportionment acts. Population figures used for apportionment purposes are those determined for States by each decennial census. No reapportionment based on 1920 population census. For method of calculating apportionment and a short history of apportionment, see House Report 91-1314, 91st Congress, 2d session, *The Decennial Population Census and Congressional Apportionment.* See also *Historical Statistics, Colonial Times to 1970,* series Y 220-271]

STATE	MEMBERSHIP BASED ON CENSUS OF—																		
	1790	1800	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1930	1940	1950	1960	1970	1980
Total	**106**	**142**	**186**	**213**	**242**	**232**	**237**	**243**	**293**	**332**	**357**	**391**	**435**	**435**	**435**	**437**	**435**	**435**	**435**
Ala	(x)	(x)	[1]1	3	5	7	7	6	8	8	9	9	10	9	9	9	8	7	7
Alaska	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1]1	1	1	1
Ariz	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[2]1	1	2	2	3	4	5
Ark	(x)	(x)	(x)	(x)	[1]1	1	2	3	4	5	6	7	7	7	7	6	4	4	4
Calif	(x)	(x)	(x)	(x)	(x)	[1]2	2	3	4	6	7	8	11	20	23	30	38	43	45
Colo	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1]1	1	2	3	4	4	4	4	4	5	6
Conn	7	7	7	6	6	4	4	4	4	4	4	5	5	6	6	6	6	6	6
Del	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Fla	(x)	(x)	(x)	(x)	(x)	[1]1	1	1	2	2	2	3	4	5	6	8	12	15	19
Ga	2	4	6	7	9	8	8	7	9	10	11	11	12	10	10	10	10	10	10
Hawaii	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1]1	2	2	2
Idaho	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1]1	1	1	2	2	2	2	2	2	2
Ill	(x)	(x)	[1]1	1	3	7	9	14	19	20	22	25	27	27	26	25	24	24	22
Ind	(x)	(x)	[1]1	3	7	10	11	11	13	13	13	13	13	12	11	11	11	11	10
Iowa	(x)	(x)	(x)	(x)	(x)	[1]2	2	6	9	11	11	11	11	9	8	8	7	6	6
Kans	(x)	(x)	(x)	(x)	(x)	(x)	(x)	1	3	7	8	8	8	7	6	6	5	5	5
Ky	2	6	10	12	13	10	10	9	10	11	11	11	11	9	9	8	7	7	7
La	(x)	(x)	[1]1	3	3	4	4	5	6	6	6	7	8	8	8	8	8	8	8
Maine	(x)	(x)	(x)	7	8	7	6	5	5	4	4	4	4	3	3	3	2	2	2
Md	8	9	9	9	8	6	6	5	6	6	6	6	6	6	6	7	8	8	8
Mass	14	17	20	13	12	10	11	10	11	12	13	14	16	15	14	14	12	12	11
Mich	(x)	(x)	(x)	(x)	[1]1	3	4	6	9	11	12	12	13	17	17	18	19	19	18
Minn	(x)	(x)	(x)	(x)	(x)	(x)	[1]2	2	3	5	7	9	10	9	9	9	8	8	8
Miss	(x)	(x)	[1]1	1	2	4	5	5	6	7	7	8	8	7	7	6	5	5	5
Mo	(x)	(x)	(x)	1	2	5	7	9	13	14	15	16	16	13	13	11	10	10	9
Mont	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1]1	1	1	2	2	2	2	2	2	2
Nebr	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1]1	1	3	6	6	6	5	4	4	3	3	3
Nev	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1]1	1	1	1	1	1	1	1	1	1	1	2
N.H	4	5	6	6	5	4	3	3	3	2	2	2	2	2	2	2	2	2	2
N.J	5	6	6	6	6	5	5	5	7	7	8	10	12	14	14	14	15	15	14
N. Mex	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[2]1	1	2	2	2	2	3
N.Y	10	17	27	34	40	34	33	31	33	34	34	37	43	45	45	43	41	39	34
N.C	10	12	13	13	13	9	8	7	8	9	9	10	10	11	12	12	11	11	11
N. Dak	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1]1	1	2	3	2	2	2	2	1	1
Ohio	(x)	[1]1	6	14	19	21	21	19	20	21	21	21	22	24	23	23	24	23	21
Okla	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1]5	8	9	8	6	6	6	6
Oreg	(x)	(x)	(x)	(x)	(x)	(x)	[1]1	1	1	1	2	2	3	3	4	4	4	4	5
Pa	13	18	23	26	28	24	25	24	27	28	30	32	36	34	33	30	27	25	23
R.I	2	2	2	2	2	2	2	2	2	2	2	2	3	2	2	2	2	2	2
S.C	6	8	9	9	9	7	6	4	5	7	7	7	7	6	6	6	6	6	6
S. Dak	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1]2	2	2	3	2	2	2	2	2	1
Tenn	[1]1	3	6	9	13	11	10	8	10	10	10	10	10	9	10	9	9	8	9
Tex	(x)	(x)	(x)	(x)	(x)	[1]2	2	4	6	11	13	16	18	21	21	22	23	24	27
Utah	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1]1	1	2	2	2	2	2	2	3
Vt	2	4	6	5	5	4	3	3	3	2	2	2	2	1	1	1	1	1	1
Va	19	22	23	22	21	15	13	11	9	10	10	10	10	9	9	10	10	10	10
Wash	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1]1	2	3	5	6	6	7	7	7	8
W. Va	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	3	4	4	5	6	6	6	6	5	4	4
Wis	(x)	(x)	(x)	(x)	(x)	[1]2	3	6	8	9	10	11	11	10	10	10	10	9	9
Wyo	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	[1]1	1	1	1	1	1	1	1	1	1

X Not applicable. [1]Assigned after apportionment. [2]Included in apportionment act in anticipation of statehood.

Source: U.S. Bureau of the Census, *Census of Population: 1970,* vol. I, and press release.

No. 786. Vote Cast for United States Representatives, by Major Political Parties—States: 1976 to 1980

[**In thousands, except percent.** In each State, totals represent the sum of votes cast in each Congressional District, except as follows: In Alaska, Delaware, Nevada, North Dakota, Vermont, and Wyoming, only 1 Representative was elected for the State at large. In numerous States, one or other of the major parties had no candidate in some districts. In those cases where votes of a party as such are cast in endorsement of a candidate of another party, votes are counted as for the endorsing party. See also *Historical Statistics, Colonial Times to 1970,* series Y 211-214]

STATE	1976				1978				1980			
	Total [1]	Democratic	Republican	Percent for leading party	Total [1]	Democratic	Republican	Percent for leading party	Total [1]	Democratic	Republican	Percent for leading party
Total [2]	**74,422**	**41,864**	**31,264**	**56.3**	**55,332**	**29,688**	**24,849**	**53.7**	**77,995**	**39,338**	**37,370**	**50.4**
Alabama [3]	984	667	315	67.8	642	440	197	68.4	1,012	628	354	62.1
Alaska	118	34	84	70.8	124	55	69	55.4	155	40	114	73.8
Arizona	729	356	340	48.8	519	262	231	50.4	854	394	434	50.8
Arkansas [4 5]	336	261	75	77.6	293	98	195	66.6	202	42	159	78.9
California	7,454	4,144	3,220	55.6	6,526	3,335	3,106	51.1	8,180	3,666	4,179	51.1
Colorado	1,021	455	537	53.1	785	369	402	51.2	1,150	506	619	53.9
Connecticut	1,348	682	651	50.6	1,021	592	423	58.0	1,339	695	640	51.9
Delaware	215	102	111	51.5	158	65	92	58.2	217	81	134	61.8
District of Columbia	160	123	22	77.3	96	77	12	79.5	151	112	21	74.4
Florida [4 6]	2,083	1,126	937	54.1	1,620	948	672	58.5	3,094	1,813	1,276	58.6
Georgia [3]	1,253	931	322	74.3	589	472	116	80.2	1,355	974	381	71.9
Hawaii	294	184	78	62.7	253	203	40	80.1	281	240	20	85.4
Idaho	342	162	180	52.6	285	118	167	58.6	415	182	233	56.1
Illinois	4,366	2,247	2,113	51.6	3,044	1,465	1,577	51.8	4,473	2,049	2,418	54.1
Indiana	2,103	1,166	932	55.5	1,449	752	681	51.9	2,189	1,087	1,100	50.2
Iowa	1,242	709	527	57.1	812	403	406	50.1	1,257	643	609	51.1
Kansas	909	349	545	60.0	676	233	441	65.2	933	405	520	55.7
Kentucky [3]	989	606	374	61.2	477	265	208	55.5	1,056	610	442	57.8
Louisiana	1,014	624	365	61.5	[7] 770	[7] 472	[7] 290	[7] 61.3	[7] 730	[7] 437	[7] 290	[7] 59.9
Maine	473	151	315	66.5	370	141	209	56.5	513	138	375	73.1
Maryland	1,316	789	473	60.0	924	604	313	65.4	1,403	866	537	61.7
Massachusetts [3]	2,345	1,510	723	64.4	1,809	1,249	472	69.0	2,256	1,473	758	65.3
Michigan	3,432	1,898	1,503	55.3	2,708	1,539	1,150	56.8	3,588	1,877	1,659	52.3
Minnesota	1,795	1,040	730	58.0	1,526	779	712	51.1	1,905	906	987	51.8
Mississippi [3]	637	375	257	59.0	519	252	236	48.5	789	428	304	54.3
Missouri	1,905	1,081	812	56.7	1,546	967	576	62.5	2,051	1,110	941	54.1
Montana	321	180	140	56.2	283	143	140	50.6	339	176	162	52.1
Nebraska	602	211	386	64.1	495	184	311	62.8	625	167	451	72.2
Nevada	200	154	24	77.1	191	133	44	69.5	245	165	63	67.5
New Hampshire	325	174	149	53.4	258	122	134	51.7	364	177	187	51.3
New Jersey	2,811	1,539	1,218	54.7	1,934	1,044	838	54.0	2,741	1,316	1,369	49.9
New Mexico	401	185	215	53.5	285	166	118	58.5	409	176	187	45.9
New York [8]	5,991	3,501	2,342	58.4	4,379	2,275	1,983	51.9	5,617	2,771	2,707	49.3
North Carolina [3]	1,572	1,011	549	64.3	1,020	607	406	59.5	1,737	964	769	55.5
North Dakota	290	104	181	62.4	220	68	148	67.1	293	166	125	56.8
Ohio [3]	3,842	1,818	1,917	49.9	2,780	1,278	1,472	52.9	3,952	1,788	2,136	54.0
Oklahoma [4 9]	1,068	683	372	64.0	589	331	258	56.2	836	440	391	52.6
Oregon	927	599	263	64.7	874	587	258	67.2	1,106	657	439	59.4
Pennsylvania [3]	4,434	2,410	2,007	54.4	3,542	1,805	1,711	51.0	4,321	2,056	2,162	50.0
Rhode Island	389	271	114	69.7	308	174	134	56.6	387	214	173	55.3
South Carolina	784	502	279	64.1	577	379	183	65.6	830	408	399	49.2
South Dakota	295	73	221	75.0	256	120	135	53.0	320	173	146	54.3
Tennessee [3]	1,251	775	453	62.9	1,062	581	449	54.7	1,304	664	619	50.9
Texas [3]	3,663	2,369	1,277	64.7	2,182	1,285	888	58.9	4,069	2,405	1,609	59.1
Utah	544	267	251	49.0	379	163	207	54.5	592	232	352	59.4
Vermont	185	60	124	67.4	121	23	91	75.3	195	-	154	79.2
Virginia [3]	1,463	666	670	45.8	1,057	444	595	56.3	1,553	486	1,005	64.7
Washington	1,426	818	586	57.4	979	507	451	51.8	1,626	816	793	50.2
West Virginia	663	447	157	67.3	443	291	152	65.7	686	391	295	57.0
Wisconsin	1,962	1,190	761	60.7	1,450	769	676	53.0	2,134	1,072	1,055	50.2
Wyoming	152	86	66	56.4	129	54	76	58.6	170	53	116	68.6

- Represents zero. [1] Includes vote cast for minor parties. [2] Includes vote cast for Delegate at Large in District of Columbia. [3] 1980 data not available for unopposed candidates in the following number of districts: Ala. 1, Ga. 2, Ky. 2, Mass. 3, Miss. 1, N.C. 1, Ohio 2, Pa. 1, Tenn. 2, Tex. 4, and Va. 3. [4] State law does not require tabulation of votes for unopposed candidates. [5] 1976 data for 1st and 2d Districts; 1978 data for 2d and 3d Districts; 1980 data for 2d District only. [6] In 1976, Districts 1, 2, 3, and 4 were unopposed; in 1978, Districts 3, 7, 8, 10, and 13 were unopposed; in 1980, District 6 was unopposed. [7] Data are for September open primary. [8] Includes endorsing votes cast by other parties for Democratic and Republican candidates. [9] In 1978 and 1980, District 3 was unopposed.

Source: Compiled by U.S. Bureau of the Census. Data from Elections Research Center, Washington, D.C., *America Votes,* biennial (copyright).

No. 787. Representatives Elected, by Percent of Vote Cast for Winner and Major Party, 1970 to 1980, and by States, 1980

Year and state	Total representatives elected				Democrats elected				Republicans elected				Representatives elected with no major party opposition		
	Total	Percentage of vote			Total	Percentage of vote			Total	Percentage of vote			Total	Democrats	Republicans
		Under 55	55–59.9	60 and over		Under 55	55–59.9	60 and over		Under 55	55–59.9	60 and over			
1970	435	59	64	312	255	28	26	201	180	31	38	111	63	58	5
1972	[1]435	[2]67	60	308	242	28	29	185	192	38	31	123	54	46	8
1974	435	105	69	261	291	48	34	209	144	57	35	52	60	59	1
1976	435	76	62	297	292	52	32	208	143	24	30	89	52	46	6
1978	435	74	61	300	277	46	36	195	158	28	25	105	70	51	19
1980, total	**435**	**78**	**63**	**294**	**243**	**35**	**35**	**173**	**192**	**43**	**28**	**121**	**54**	**39**	**15**
Ala	7	1	–	6	4	–	–	4	3	1	–	2	4	3	1
Alaska	1	–	–	1	–	–	–	–	1	–	–	1	–	–	–
Ariz	4	–	1	3	2	–	1	1	2	–	–	2	–	–	–
Ark	4	–	–	4	2	–	–	2	2	–	–	2	3	2	1
Calif	43	10	4	29	22	3	4	15	21	7	–	14	–	–	–
Colo	5	1	2	2	3	1	2	–	2	–	–	2	–	–	–
Conn	6	3	1	2	4	2	1	1	2	1	–	1	–	–	–
Del	1	–	–	1	–	–	–	–	1	–	–	1	–	–	–
Fla	15	1	2	12	11	–	1	10	4	1	1	2	1	–	1
Ga	10	–	1	9	9	–	–	9	1	–	1	–	2	2	–
Hawaii	2	–	–	2	2	–	–	2	–	–	–	–	1	1	–
Idaho	2	1	1	–	–	–	–	–	2	1	1	–	–	–	–
Ill	24	1	1	22	10	1	–	9	14	–	1	13	–	–	–
Ind	11	3	3	5	6	3	1	2	5	–	2	3	–	–	–
Iowa	6	3	–	3	3	1	–	2	3	2	–	1	–	–	–
Kans	5	1	1	3	1	–	–	1	4	1	1	2	–	–	–
Ky	7	–	1	6	4	–	–	4	3	–	1	2	2	2	–
La	8	–	–	8	[2]6	–	–	[2]6	2	–	–	2	8	6	2
Maine	2	–	–	2	–	–	–	–	2	–	–	2	–	–	–
Md	8	1	2	5	7	1	2	4	1	–	–	1	–	–	–
Mass	12	2	–	10	10	2	–	8	2	–	–	2	3	3	–
Mich	19	5	2	12	12	3	1	8	7	2	1	4	2	1	1
Minn	8	2	1	5	3	–	1	2	5	2	–	3	–	–	–
Miss	5	1	–	4	3	–	–	3	2	1	–	1	1	1	–
Mo	10	–	3	7	6	–	1	5	4	–	2	2	–	–	–
Mont	2	–	1	1	1	–	–	1	1	–	1	–	–	–	–
Nebr	3	1	–	2	–	–	–	–	3	1	–	2	–	–	–
Nev	1	–	–	1	1	–	–	1	–	–	–	–	–	–	–
N.H	2	–	–	2	1	–	–	1	1	–	–	1	–	–	–
N.J	15	3	4	8	8	2	1	5	7	1	3	3	–	–	–
N. Mex	2	2	–	–	–	–	–	–	2	2	–	–	–	–	–
N.Y.	39	5	8	26	22	2	5	15	17	3	3	11	4	4	–
N.C	11	4	2	5	7	2	1	4	4	2	1	1	1	1	–
N. Dak	1	–	1	–	1	–	1	–	–	–	–	–	–	–	–
Ohio	23	2	5	16	10	1	3	6	13	1	2	10	2	2	–
Okla	6	2	1	3	5	2	1	2	1	–	–	1	1	1	–
Oreg	4	2	–	2	3	1	–	2	1	1	–	–	–	–	–
Pa	25	6	2	17	13	3	1	9	12	3	1	8	2	1	1
R.I	2	–	1	1	1	–	–	1	1	–	1	–	–	–	–
S.C	6	2	2	2	2	–	1	1	4	2	1	1	2	1	1
S. Dak	2	–	1	1	1	–	–	1	1	–	1	–	–	–	–
Tenn	8	–	–	8	5	–	–	5	3	–	–	3	3	1	2
Texas	24	4	4	16	19	2	4	13	5	2	–	3	6	6	–
Utah	2	1	–	1	–	–	–	–	2	1	–	1	–	–	–
Vt	1	–	–	1	–	–	–	–	1	–	–	1	1	–	1
Va	10	3	–	7	1	–	–	1	9	3	–	6	5	1	4
Wash	7	2	2	3	5	2	1	2	2	–	1	1	–	–	–
W. Va	4	1	1	2	2	–	–	2	2	1	1	–	–	–	–
Wis	9	2	2	5	5	1	1	3	4	1	1	2	–	–	–
Wyo	1	–	–	1	–	–	–	–	1	–	–	1	–	–	–

– Represents zero. [1]Includes one Representative elected as an Independent. [2]There were 2 Democratic candidates in the 4th District.

Source: Compiled by U.S. Bureau of the Census from Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 37, No. 13, March 1979 and vol. 39, No. 17, April 5, 1981 (copyright).

No. 788. Composition of Congress, by Political Party: 1939 to 1982

[D=Democratic, R=Republican. Data for beginning of first session of each Congress, except as noted; exclude vacancies at beginning of session. See also *Historical Statistics, Colonial Times to 1970*, series Y 204-210]

YEAR	Party and President	Congress	HOUSE			SENATE		
			Majority party	Minority party	Other	Majority party	Minority party	Other
1939	D (F. Roosevelt)	76th	D-261	R-169	4	D-69	R-23	4
1941	D (F. Roosevelt)	77th	D-268	R-162	5	D-66	R-28	2
1943	D (F. Roosevelt)	78th	D-218	R-208	4	D-58	R-37	1
1945	D (F. Roosevelt)	79th	D-242	R-190	2	D-56	R-38	1
1947	D (Truman)	80th	R-245	D-188	1	R-51	D-45	-
1949	D (Truman)	81st	D-263	R-171	1	D-54	R-42	-
1951	D (Truman)	82d	D-234	R-199	1	D-49	R-47	-
1953	R (Eisenhower)	83d	R-221	D-211	1	R-48	D-47	1
1955	R (Eisenhower)	84th	D-232	R-203	-	D-48	R-47	1
1957	R (Eisenhower)	85th	D-233	R-200	-	D-49	R-47	-
1959 [1]	R (Eisenhower)	86th	D-284	R-153	-	D-65	R-35	-
1961	D (Kennedy)	87th	D-263	R-174	-	D-65	R-35	-
1963	D (Kennedy)	88th	D-258	R-177	-	D-67	R-33	-
1965	D (Johnson)	89th	D-295	R-140	-	D-68	R-32	-
1967	D (Johnson)	90th	D-247	R-187	-	D-64	R-36	-
1969	R (Nixon)	91st	D-243	R-192	-	D-57	R-43	-
1971 [2]	R (Nixon)	92d	D-254	R-180	-	D-54	R-44	2
1973 [2 3]	R (Nixon) [4]	93d	D-239	R-192	1	D-56	R-42	2
1975 [5]	R (Ford) [4]	94th	D-291	R-144	-	D-60	R-37	2
1977 [6]	D (Carter)	95th	D-292	R-143	-	D-61	R-38	1
1979 [6]	D (Carter)	96th	D-276	R-157	-	D-58	R-41	1
1981 [6]	R (Reagan)	97th	D-243	R-192	-	R-53	D-46	1
1982 [6 7]	R (Reagan)	97th	D-244	R-191	-	R-53	D-46	1

- Represents zero. [1] Includes Hawaii; members seated Aug. 1959. [2] Senate had 1 Independent and 1 Conservative-Republican. [3] House had 1 Independent-Democrat. [4] Nixon resigned Aug. 1974. [5] Senate had 1 Independent, 1 Conservative-Republican, and 1 undecided (New Hampshire). [6] Senate had 1 Independent. [7] As of beginning of second session.

Source: U.S. Congress, Joint Committee on Printing, *Congressional Directory*, annual; beginning 1977, biennial.

No. 789. Congressional Bills, Acts, and Resolutions: 1965 to 1981

[Excludes simple and concurrent resolutions. See also *Historical Statistics, Colonial Times to 1970*, series Y 189-198]

ITEM	89th Cong., 1965-66	90th Cong., 1967-68	91st Cong., 1969-70	92d Cong., 1971-72	93d Cong., 1973-74	94th Cong., 1975-76	95th Cong., 1977-78	96th Cong., 1979-80	97th Cong., 1981
Measures introduced	24,003	26,460	26,303	22,969	23,396	21,096	19,387	12,583	7,830
Bills	22,483	24,786	24,631	21,363	21,950	19,762	18,045	11,722	7,312
Joint resolutions	1,520	1,674	1,672	1,606	1,446	1,334	1,342	861	518
Measures enacted	1,283	1,002	941	768	774	729	803	736	157
Public	810	640	695	607	651	588	633	613	145
Private	473	362	246	161	123	141	170	123	12

Source: U.S. Congress, *Calendars of the U.S. House of Representatives and History of Legislation*, annual.

No. 790. Congressional Bills Vetoed: 1923 to 1982

[See also *Historical Statistics, Colonial Times to 1970*, series Y 199-203]

PERIOD	President	Total vetoes	Regular vetoes	Pocket vetoes	Vetoes sustained	Bills passed over veto
1923-1929	Coolidge	50	20	30	46	4
1929-1933	Hoover	37	21	16	34	3
1933-1945	F. Roosevelt	635	372	263	626	9
1945-1953	Truman	250	180	70	238	12
1953-1961	Eisenhower	181	73	108	179	2
1961-1963	Kennedy	21	12	9	21	-
1963-1969	Johnson	30	16	14	30	-
1969-1974	Nixon [1]	42	24	18	36	6
1974-1977	Ford [1]	72	53	19	60	12
1977-1981	Carter	31	13	18	29	2
1981-1982	Reagan	2	1	1	2	-

- Represents zero. [1] Nixon resignation effective August 8, 1974.

Source: U.S. Congress, Senate Library, *Presidential Vetoes . . . 1789-1968;* U.S. Congress, *Calendars of the U.S. House of Representatives and History of Legislation*, annual.

No. 791. Composition of Congress, by Political Party Affiliations—States: 1975 to 1981

[Figures are for the beginning of the first session. Dem.=Democratic; Rep.=Republican]

State	Representatives								Senators							
	94th Cong., 1975		95th Cong., 1977		96th Cong.,[1] 1979		97th Cong.,[2] 1981		94th Cong.,[3,4] 1975		95th Cong.,[5] 1977		96th Cong.,[5] 1979		97th Cong.,[5] 1981	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
Total	**291**	**144**	**292**	**143**	**276**	**157**	**243**	**192**	**60**	**37**	**61**	**38**	**58**	**41**	**46**	**53**
Alabama	4	3	4	3	4	3	4	3	2	-	2	-	2	-	1	1
Alaska	-	1	-	1	-	1	-	1	1	1	1	1	1	1	-	2
Arizona	1	3	2	2	2	2	2	2	-	2	1	1	1	1	1	1
Arkansas	3	1	3	1	2	2	2	2	2	-	2	-	2	-	2	-
California	28	15	29	14	25	17	22	21	2	-	1	1	1	1	1	1
Colorado	3	2	3	2	3	2	3	2	2	-	2	-	1	1	1	1
Connecticut	4	2	4	2	5	1	4	2	1	1	1	1	1	1	1	1
Delaware	-	1	-	1	-	1	-	1	1	1	1	1	1	1	1	1
Florida	10	5	10	5	12	3	11	4	2	-	2	-	2	-	1	1
Georgia	10	-	10	-	9	1	9	1	2	-	2	-	2	-	1	1
Hawaii	2	-	2	-	2	-	2	-	1	1	2	-	2	-	2	-
Idaho	-	2	-	2	-	2	-	2	1	1	1	1	1	1	-	2
Illinois	13	11	12	12	11	13	10	14	1	1	1	1	1	1	1	1
Indiana	9	2	8	3	7	4	6	5	2	-	1	1	1	1	-	2
Iowa	5	1	4	2	3	3	3	3	2	-	2	-	1	1	-	2
Kansas	1	4	2	3	1	4	1	4	-	2	-	2	-	2	-	2
Kentucky	5	2	5	2	4	3	4	3	2	-	2	-	2	-	2	-
Louisiana	6	2	6	2	5	3	6	2	2	-	2	-	2	-	2	-
Maine	-	2	-	2	-	2	-	2	2	-	2	-	1	1	1	1
Maryland	5	3	5	3	6	2	7	1	-	2	1	1	1	1	1	1
Massachusetts	10	2	10	2	10	2	10	2	1	1	1	1	2	-	2	-
Michigan	12	7	11	6	13	6	12	7	1	1	1	1	2	-	2	-
Minnesota	5	3	5	3	4	4	3	5	2	-	2	-	-	2	-	2
Mississippi	3	2	3	2	3	2	3	2	2	-	2	-	1	1	1	1
Missouri	9	1	8	2	8	2	6	4	2	-	1	1	1	1	1	1
Montana	2	-	1	1	1	1	1	1	2	-	2	-	2	-	2	-
Nebraska	-	3	1	2	1	2	-	3	-	2	1	1	2	-	2	-
Nevada	1	-	1	-	1	-	1	-	1	1	1	1	1	1	1	1
New Hampshire	1	1	1	1	1	1	1	1	1	-	2	-	1	1	-	2
New Jersey	12	3	11	4	10	5	8	7	1	1	1	1	2	-	2	-
New Mexico	1	1	1	1	1	1	-	2	1	1	-	2	-	2	-	2
New York	27	12	28	11	26	13	22	17	-	1	1	1	1	1	1	1
North Carolina	9	2	9	2	9	2	7	4	1	1	1	1	1	1	-	2
North Dakota	-	1	-	1	-	1	1	-	1	1	1	1	1	1	1	1
Ohio	8	15	10	13	10	13	10	13	1	1	2	-	2	-	2	-
Oklahoma	6	-	5	1	5	1	5	1	-	2	-	2	1	1	1	1
Oregon	4	-	4	-	4	-	3	1	-	2	-	2	-	2	-	2
Pennsylvania	14	11	17	8	15	10	13	12	-	2	-	2	-	2	-	2
Rhode Island	2	-	2	-	2	-	1	1	2	-	1	1	1	1	1	1
South Carolina	5	1	5	1	4	2	2	4	1	1	1	1	1	1	1	1
South Dakota	-	2	-	2	1	1	1	1	2	-	2	-	1	1	-	2
Tennessee	5	3	5	3	5	3	5	3	-	2	1	1	1	1	1	1
Texas	21	3	22	2	20	4	19	5	1	1	1	1	1	1	1	1
Utah	2	-	1	1	1	1	-	2	1	1	-	2	-	2	-	2
Vermont	-	1	-	1	-	1	-	1	1	1	1	1	1	1	1	1
Virginia	5	5	4	6	4	6	1	9	-	1	-	1	-	1	-	1
Washington	6	1	6	1	6	1	5	2	2	-	2	-	2	-	1	1
West Virginia	4	-	4	-	4	-	2	2	2	-	2	-	2	-	2	-
Wisconsin	7	2	7	2	6	2	5	4	2	-	2	-	2	-	1	1
Wyoming	1	-	1	-	-	1	-	1	1	1	-	2	-	2	-	2

- Represents zero. [1] Calif. and Wis. each had 1 vacancy. [2] Changes as of beginning of the 2d session, 1982: total, 244 Dem., 191 Rep.; Miss., 4 Dem., 1 Rep. [3] N.Y. had 1 Senator classified Conservative-Republican and Va. had 1 Senator classified Independent. [4] One Senate seat (N.H.) was undecided at beginning of session; subsequently became Democratic. [5] Va. had 1 Senator classified Independent.

Source: U.S. Congress, Joint Committee on Printing, *Congressional Directory*, annual; beginning 1977, biennial.

No. 792. Members of Congress—Incumbents Re-elected: 1956 to 1980

Item	Presidential-year elections							Midterm elections					
	1956	1960	1964	1968	1972	1976	1980	1958	1962	1966	1970	1974	1978
Representatives:													
Incumbent candidates	411	405	397	409	390	384	398	396	402	411	401	391	382
Re-elected	389	375	344	396	365	368	361	356	368	362	379	343	358
Percent of candidates	94.6	92.6	86.6	96.8	93.6	95.8	90.7	89.9	91.5	88.1	94.5	87.7	93.7
Defeated: In primaries	6	[1]5	8	4	12	3	6	3	12	8	10	8	5
In general elections	16	25	45	9	13	13	31	37	22	41	12	40	19
Senators:													
Incumbent candidates	29	29	33	28	27	25	29	28	35	32	31	27	25
Re-elected	25	28	28	20	20	16	16	18	29	28	24	23	15
Percent of candidates	86.2	96.6	84.8	71.4	74.1	64.0	55.2	64.3	82.9	87.5	77.4	85.2	60.0
Defeated: In primaries	–	–	1	4	2	–	4	–	1	3	1	2	3
In general elections	4	1	4	4	5	9	9	10	5	1	6	2	7

– Represents zero. [1]Excludes one Representative defeated in primary who was subsequently the party's nominee after primary victor's death.

Source: Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 38, No. 14, April 5, 1980 (copyright) and unpublished data.

No. 793. Members of Congress—Selected Characteristics: 1971 to 1982

[As of beginning of first session of each Congress, 1982 as of second session. Figures for Representatives exclude vacancies]

Members of Congress and year	Male	Female	Race			Married	Not married [1]	Age (in years)					
			White	Black	Other			Under 40	40–49	50–59	60–69	70–79	80 and over
REPRESENTATIVES													
92d Cong., 1971	421	12	419	12	2	407	26	40	133	152	86	19	3
93d Cong., 1973	419	14	416	15	2	399	34	45	132	154	80	20	2
94th Cong., 1975	416	19	417	15	3	381	54	69	138	137	75	14	2
95th Cong., 1977	417	18	417	16	2	379	56	81	121	147	71	15	–
96th Cong., 1979	417	16	414	16	3	364	69	86	125	145	63	14	–
97th Cong., 1981	416	19	415	17	3	349	86	94	142	132	54	12	1
97th Cong., 1982	416	19	415	17	3	350	85	96	142	131	53	12	1
SENATORS													
92d Cong., 1971	99	1	97	1	2	97	3	4	24	32	23	16	1
93d Cong., 1973	100	–	97	1	2	96	4	3	25	37	23	11	1
94th Cong., 1975 [2]	100	–	97	1	2	94	6	5	21	35	24	15	–
95th Cong., 1977	100	–	96	1	3	91	9	6	26	35	21	10	2
96th Cong., 1979	99	1	97	–	3	95	5	10	31	33	17	8	1
97th Cong., 1981	98	2	97	–	3	93	7	9	35	36	14	6	–
97th Cong., 1982	98	2	97	–	3	93	7	9	35	36	14	6	–

– Represents zero. [1]Single, widowed, or divorced. [2]Includes Sen. Durkin, N.H., seated Sept. 1975.

No. 794. Members of Congress—Seniority and Occupation: 1975 to 1982

[As of beginning of first session, except 97th Congress, 1982, beginning of second session. Dem.=Democratic; Rep.=Republican]

Seniority and occupation	Representatives						Senators					
	94th Cong., 1975	95th Cong., 1977	96th Cong., 1979	97th Cong., 1982			94th Cong., 1975	95th Cong., 1977	96th Cong., 1979	97th Cong., 1982		
				Total	Dem.	Rep.				Total	Dem.	Rep.
Total	**435**	**435**	[1]**435**	**435**	**244**	**191**	**100**	**100**	**100**	[2]**100**	**46**	**53**
Seniority:												
Less than 2 years	96	71	80	83	28	55	11	18	20	19	3	16
2–9 years	162	207	206	226	141	85	41	41	41	51	26	25
10–19 years	125	116	105	95	52	43	34	24	23	[2]17	7	9
20–29 years	42	33	32	23	15	8	10	12	12	11	8	3
30 years or more	10	8	10	8	8	–	4	5	4	2	2	–
Occupation: [3]												
Agriculture	31	16	19	28	11	17	10	9	6	9	2	7
Business or banking	140	118	127	134	57	77	22	24	29	28	13	15
Education	64	70	57	58	38	20	10	8	7	10	5	5
Journalism	24	27	11	21	9	12	5	6	2	7	4	3
Law	221	222	205	197	116	81	67	68	65	59	33	26
Public service/politics [4]	346	60	41	48	29	19	94	17	12	13	6	7

– Represents zero. [1]Includes 2 vacancies. [2]Includes 1 independent. [3]Not all occupations reported are listed. Source: Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 39, No. 4, Jan. 24, 1981, and previous issues (copyright), and unpublished data. Members of Congress may state more than 1 occupation; therefore, sum may be greater than total. [4]Beginning 95th Congress, data not comparable with 94th Congress because of change in criteria.

Source of tables 793 and 794: Except as noted, compiled by U.S. Bureau of the Census from U.S. Congress, Joint Committee on Printing, *Congressional Directory*, annual; beginning 1977, biennial.

No. 795. Number of Governors, by Political Party Affiliations: 1960 to 1982

[As of Jan. 1]

YEAR	Democratic	Republican	YEAR	Democratic	Republican	YEAR	Democratic	Republican	Independent
1960	34	16	1967	25	25	1975	36	13	1
1961	34	16	1968	24	26	1976	36	13	1
1962	34	16	1969	20	30	1977	37	12	1
1963	34	16	1970	18	32	1978	37	12	1
1964	34	16	1971	29	21	1979	32	18	-
1965	33	17	1972	30	20	1980	31	19	-
1966	33	17	1973	31	19	1981	27	23	-
			1974	32	18	1982	27	23	-

- Represents zero.

Source: National Governors' Association, Washington, D.C., *Governors of the American States, Commonwealths, and Territories, 1982.* (Copyright.)

No. 796. Vote Cast for and Governor Elected, by States: 1974 to 1980

[In thousands, except percent. D=Democratic, R=Republican, I = Independent]

STATE	1974		1976		1978		1980		Candidate elected at most recent election
	Total vote [1]	Percent leading party	Total vote [1]	Percent leading party	Total vote [1]	Percent leading party	Total vote [1]	Percent leading party	
Alabama	598	D-83.2	(x)	(x)	760	D-72.6	(x)	(x)	Forrest H. James.
Alaska	96	R-47.7	(x)	(x)	127	R-39.1	(x)	(x)	Jay S. Hammond.
Arizona	552	D-50.4	(x)	(x)	539	D-52.5	(x)	(x)	Bruce Babbitt.
Arkansas	546	D-65.6	727	D-83.2	529	D-63.3	839	R-51.9	Frank D. White.
California	6,248	D-50.1	(x)	(x)	6,922	D-56.0	(x)	(x)	Edmund Brown, Jr.
Colorado	829	D-53.2	(x)	(x)	824	D-58.8	(x)	(x)	Richard D. Lamm.
Connecticut	1,103	D-58.4	(x)	(x)	1,037	D-59.2	(x)	(x)	Ella T. Grasso.
Delaware	(x)	(x)	230	R-56.9	(x)	(x)	225	R-70.6	Pierre S. du Pont.
Florida	1,828	D-61.2	(x)	(x)	2,530	D-55.6	(x)	(x)	Robert Graham.
Georgia	936	D-69.1	(x)	(x)	663	D-80.7	(x)	(x)	George Busbee.
Hawaii	250	D-54.6	(x)	(x)	282	D-54.5	(x)	(x)	George R. Ariyoshi.
Idaho	260	D-70.9	(x)	(x)	299	D-74.5	(x)	(x)	John V. Evans.
Illinois	(x)	(x)	4,639	R-64.7	3,150	R-59.0	(x)	(x)	James R. Thompson.
Indiana	(x)	(x)	2,175	R-56.8	(x)	(x)	2,178	R-57.7	Robert D. Orr.
Iowa	920	R-58.1	(x)	(x)	843	R-58.3	(x)	(x)	Robert Ray.
Kansas	784	R-49.5	(x)	(x)	736	D-49.4	(x)	(x)	John Carlin.
Kentucky [2]	748	D-62.8	(x)	(x)	939	D-59.4	(x)	(x)	John Y. Brown.
Louisiana	[3] 1,203	[3] 62.4	(x)	(x)	[4] 1,372	[4] R-50.3	(x)	(x)	David C. Treen.
Maine	364	I-39.1	(x)	(x)	370	D-47.7	(x)	(x)	Joseph E. Brennan.
Maryland	949	D-63.5	(x)	(x)	1,012	D-71.0	(x)	(x)	Harry Hughes.
Massachusetts	1,855	D-53.4	(x)	(x)	1,952	D-52.5	(x)	(x)	Edward J. King.
Michigan	2,657	R-51.1	(x)	(x)	2,867	R-56.8	(x)	(x)	William Milliken.
Minnesota	1,253	D-62.8	(x)	(x)	1,586	R-52.3	(x)	(x)	Albert H. Quie.
Mississippi [2]	708	D-52.2	(x)	(x)	677	D-61.1	(x)	(x)	William Winter.
Missouri	(x)	(x)	1,934	D-50.2	(x)	(x)	2,088	R-52.6	Christopher S. Bond.
Montana	(x)	(x)	317	D-61.7	(x)	(x)	360	D-55.4	Ted Schwinden.
Nebraska	451	D-59.2	(x)	(x)	492	R-55.9	(x)	(x)	Charles Thone.
Nevada	169	D-67.4	(x)	(x)	192	R-56.2	(x)	(x)	Robert F. List.
New Hampshire	227	R-51.1	343	R-57.7	270	D-49.4	384	D-59.0	Hugh J. Gallen.
New Jersey [5]	2,122	D-66.7	2,126	D-55.7	(x)	(x)	2,317	R-49.5	Thomas Kean.
New Mexico	329	D-49.9	(x)	(x)	346	D-50.5	(x)	(x)	Bruce King.
New York	5,293	D-57.2	(x)	(x)	4,769	D-50.9	(x)	(x)	Hugh Carey.
North Carolina	(x)	(x)	1,664	D-65.0	(x)	(x)	1,847	D-61.9	James B. Hunt, Jr.
North Dakota	(x)	(x)	297	D-51.6	(x)	(x)	303	R-53.6	Allen I. Olson.
Ohio	3,072	R-48.6	(x)	(x)	2,843	R-49.3	(x)	(x)	James Rhodes.
Oklahoma	805	D-63.9	(x)	(x)	777	D-51.7	(x)	(x)	George Nigh.
Oregon	771	D-57.7	(x)	(x)	911	R-54.7	(x)	(x)	Victor Atiyeh.
Pennsylvania	3,491	D-53.8	(x)	(x)	3,742	R-52.5	(x)	(x)	Richard Thornburgh.
Rhode Island	322	D-78.5	399	D-54.8	314	D-62.8	406	D-73.7	J. Joseph Garrahy.
South Carolina	523	R-50.9	(x)	(x)	627	D-61.4	(x)	(x)	Richard Riley.
South Dakota	278	D-53.6	(x)	(x)	260	R-56.6	(x)	(x)	William Janklow.
Tennessee	1,041	D-55.4	(x)	(x)	1,190	R-55.6	(x)	(x)	Lamar Alexander.
Texas	1,655	D-61.4	(x)	(x)	2,370	R-50.0	(x)	(x)	William Clements.
Utah	(x)	(x)	540	D-52.0	(x)	(x)	600	D-55.2	Scott M. Matheson.
Vermont	141	D-56.6	186	R-53.4	124	R-62.8	210	R-58.6	Richard A. Snelling.
Virginia [5]	1,035	R-50.7	1,251	R-55.9	(x)	(x)	1,421	D-53.5	Charles Robb.
Washington	(x)	(x)	1,546	D-53.1	(x)	(x)	1,731	R-56.7	John Spellman.
West Virginia	(x)	(x)	749	D-66.2	(x)	(x)	742	D-54.1	John Rockefeller, IV.
Wisconsin	1,182	D-53.2	(x)	(x)	1,501	R-54.4	(x)	(x)	Lee Dreyfus.
Wyoming	128	D-55.9	(x)	(x)	138	D-50.9	(x)	(x)	Ed Herschler.

X Not applicable. [1] Includes minor party and scattered votes. [2] Voting years, 1975 and 1979. [3] Primary election, Nov. 1975, held on a non-party basis. [4] Dec. 1979 vote. [5] Voting years, 1973, 1977, and 1981.

Source: Elections Research Center, Washington, D.C., *America Votes,* biennial (copyright).

No. 797. Composition of State Legislatures, by Political Party Affiliations: 1974 to 1980

[Data reflect election results in year shown for most States; and, except as noted, results in previous year for other States. Figures reflect immediate results of elections, including holdover members in State houses which do not have all of their members running for re-election. Dem.=Democratic; Rep.=Republican. In general, Lower House refers to body consisting of State Representatives; Upper House, of State Senators]

STATE	LOWER HOUSE								UPPER HOUSE							
	1974 [1 2]		1976 [3 4]		1978 [5 6]		1980 [7 8]		1974 [1 9]		1976 [4 10]		1978 [6 11]		1980 [8 12]	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
U.S.	**3,793**	**1,765**	**3,772**	**1,783**	**3,454**	**2,027**	**3,289**	**2,190**	**1,307**	**620**	**1,306**	**618**	**1,260**	**669**	**1,182**	**742**
Ala	105	–	103	2	101	4	100	4	35	–	34	–	35	–	35	–
Alaska [13]	30	9	25	15	25	14	22	16	13	7	12	8	9	11	11	9
Ariz	27	33	22	38	18	42	17	43	18	12	16	14	14	16	14	16
Ark. [13]	98	2	95	5	94	6	93	7	34	1	34	1	35	–	34	1
Calif. [13]	55	25	57	23	50	30	48	32	25	15	26	14	25	14	23	17
Colo. [13]	39	26	30	35	27	38	26	39	16	19	17	18	13	22	13	22
Conn	118	33	91	60	103	48	83	68	29	7	22	14	26	10	22	13
Del. [13]	25	16	26	15	20	21	16	25	13	8	13	8	13	8	12	9
Fla. [13]	86	34	93	27	89	31	81	39	27	12	30	9	29	11	27	13
Ga	155	24	156	24	160	20	156	23	51	5	52	4	51	5	51	5
Hawaii	35	16	41	10	42	9	39	12	18	7	18	7	18	7	17	8
Idaho	27	43	22	48	20	50	14	56	13	22	15	20	16	19	12	23
Ill.	101	76	94	83	89	88	86	91	34	25	34	25	32	27	30	29
Ind. [13]	56	44	48	52	46	54	35	63	23	27	28	22	21	29	15	35
Iowa [13]	61	39	59	41	44	56	42	58	26	24	26	24	21	29	22	28
Kans	53	72	65	60	56	69	53	72	14	26	19	21	19	21	16	24
Ky. [13]	78	22	78	22	75	25	75	24	30	8	29	9	29	9	29	9
La	101	4	101	4	96	9	95	10	38	1	38	1	39	–	39	–
Maine	91	59	89	62	77	73	84	67	14	19	12	21	13	19	16	17
Md	126	15	125	15	125	16	125	15	39	8	39	8	40	7	40	7
Mass	190	45	192	44	129	30	128	31	33	7	34	6	34	6	32	7
Mich	66	44	68	42	70	40	64	46	24	14	24	14	24	14	24	14
Minn	103	31	100	34	67	67	70	64	38	28	48	19	47	20	45	22
Miss	119	3	117	3	116	4	115	4	50	2	50	2	48	4	48	4
Mo. [13]	114	49	112	51	117	46	111	52	23	11	22	12	22	12	23	10
Mont. [13]	67	33	57	43	55	45	43	57	30	20	25	25	26	24	21	29
Nebr	([14])	([14])	([14])	([14])	([14])	([14])	([14])	([14])	([14])	([14])	([14])	([14])	([14])	([14])	([14])	([14])
Nev. [13]	31	9	35	5	26	14	26	14	17	3	17	3	15	5	15	5
N.H	167	233	175	219	170	223	160	238	12	12	12	12	11	13	10	13
N.J	49	31	54	26	44	36	43	37	29	10	27	13	27	13	22	18
N. Mex	51	19	48	22	41	29	41	29	29	13	33	9	32	10	22	20
N.Y	88	62	87	58	86	64	86	63	26	34	21	36	25	35	25	35
N.C	111	9	114	6	106	14	95	24	49	1	47	3	44	6	40	10
N. Dak. [13]	40	62	50	50	29	71	27	73	17	34	18	32	15	35	10	40
Ohio [13]	59	40	62	37	62	37	54	45	21	12	21	12	18	15	15	18
Okla. [13]	76	25	79	22	75	26	73	28	39	9	39	9	38	10	37	11
Oreg. [13]	38	22	37	23	34	26	33	27	22	7	24	6	23	7	22	8
Pa. [13]	114	89	118	84	100	102	100	103	29	20	28	20	28	22	23	25
R.I.	83	17	83	17	84	16	82	18	46	4	45	5	46	4	43	7
S.C. [13]	107	17	111	12	107	16	107	17	44	2	43	3	43	3	41	5
S. Dak	33	37	22	48	22	48	21	49	19	16	12	23	11	24	10	25
Tenn	63	35	66	32	60	38	57	39	20	12	23	9	20	12	20	12
Tex. [13]	134	16	131	19	127	23	114	35	28	3	27	4	26	5	23	7
Utah [13]	40	35	35	40	24	51	17	58	15	14	17	12	10	19	7	22
Vt	65	75	75	74	69	79	64	86	12	18	9	21	10	20	14	16
Va	78	17	76	21	74	25	66	33	35	5	35	5	31	9	31	9
Wash. [13]	62	36	62	36	49	49	42	56	30	19	29	20	30	19	24	25
W. Va. [13]	86	14	91	9	74	26	78	22	26	8	28	6	26	8	27	7
Wis. [13]	63	36	66	33	60	37	59	39	19	14	22	11	21	12	19	14
Wyo. [13]	29	32	29	32	20	42	23	39	15	15	12	18	11	19	11	19

– Represents zero. [1] Status as of late 1975; includes elections held and vacancies filled in 1975. [2] Excludes 1 Independent each for Alaska, Maine, Tenn., and Wyo.; 3 Independents for Mass., 5 Independents for Va., and 10 Independents for Vt.; 1 vacancy for Ga. and 2 vacancies for Mass. [3] Excludes 1 Independent each for Miss., N.Y., Tenn., Vt., and Wyo.; 3 Independents each for Mass. and Va.; 1 vacancy each for Md., Mass., Miss., Pa., and S.C.; 4 vacancies for N.Y., and 6 vacancies for N.H. [4] Status as of January 1978; includes elections held and vacancies filled in 1977. [5] Excludes 1 Independent each for Maine, Mass., Tenn., and Va.; 1 Libertarian for Alaska; 2 Independent-Republicans for Miss.; 2 Independents for Vt.; 1 vacancy each for Pa. and S.C.; 2 vacancies for Wis.; and 7 vacancies for N.H. [6] Status as of January 1980; includes elections held and vacancies filled in 1979. [7] Excludes 1 Independent each for Md., Mass., and Va.; 2 Independents each for Miss. and Tenn.; 2 Libertarians for Alaska; 1 vacancy each for Ala., Ga., Ky., Miss., N.Y., N.C., Tenn., Tex., and Wis.; and 2 vacancies each for Ind. and N.H. [8] Status as of late 1981; includes elections held and vacancies filled in 1981. [9] Excludes 1 Independent each for Fla., Minn., N.J., Oreg., and Tenn., and 1 vacancy for Pa. [10] Excludes 1 Independent each for Ala., Fla., and Tenn.; 2 vacancies for Pa., and 3 vacancies for N.Y. [11] Excludes 1 Independent each for Maine and Tenn.; and 1 vacancy for Calif. [12] Excludes 1 Independent each for Mass. and Tenn.; 1 vacancy each for Conn., Mo., N.H., and Tex.; and 2 vacancies for Pa. [13] Upper House members serve 4-year terms, some elected every 2 years. [14] Single chamber (unicameral body) of 49 members, elected without party designation.

Source: The Council of State Governments, Lexington, Kentucky, *Book of the States*, and its *Supplement I*, both biennial. (Copyright.)

No. 798. Black Elected Officials, by Office, 1970 to 1981, and by Regions and States, 1981

[As of July 1981, no Black elected officials had been identified in Idaho, Montana, New Hampshire, North Dakota, South Dakota, Utah, Vermont, or Wyoming. For composition of regions, see fig. I, inside front cover]

Year, region, and state	Total	U.S. and State legislatures [1]	City and county offices [2]	Law enforcement [3]	Education [4]
1970 (Feb.)	1,472	182	715	213	362
1972 (Mar.)	2,264	224	1,108	263	669
1973 (Apr.)	2,621	256	1,264	334	767
1974 (Apr.)	2,991	256	1,602	340	793
1975 (Apr.)	3,503	299	1,878	387	939
1976 (Apr.)	3,979	299	2,274	412	994
1977 (July)	4,311	316	2,497	447	1,051
1978 (July)	4,503	316	2,595	454	1,138
1979 (July)	4,584	315	2,647	486	1,136
1980 (July)	4,890	326	2,832	526	1,206
1981, July	**5,014**	**343**	**2,863**	**549**	**1,259**
Northeast	572	58	200	92	222
No. Central	1,070	94	588	104	284
South	3,070	164	1,991	263	632
West	302	27	84	70	121
Ala	247	16	161	37	33
Alaska	3	1	1	–	1
Ariz	15	2	8	2	5
Ark	218	5	101	30	82
Calif	233	13	59	57	104
Colo	15	3	4	4	4
Conn	53	11	25	6	11
Del	15	3	10	–	2
D.C	253	1	244	–	8
Fla	110	4	88	5	13
Ga	266	23	174	13	56
Hawaii	2	1	–	–	1
Ill	313	25	188	26	74
Ind	67	7	49	4	7
Iowa	6	–	–	1	5
Kans	26	5	12	1	8
Ky	88	4	56	11	17
La	367	12	215	45	95
Maine	3	–	2	–	1
Md	78	21	46	9	2
Mass	28	6	13	–	9
Mich	291	19	127	37	108
Minn	10	1	3	3	3
Miss	436	17	256	75	88
Mo	134	19	91	10	14
Nebr	6	1	1	–	4
Nev	8	3	2	2	1
N.J	158	5	76	–	77
N. Mex	5	–	4	–	1
N.Y	197	17	38	38	104
N.C	255	3	172	10	70
Ohio	199	13	108	20	58
Okla	85	4	59	2	20
Oreg	6	1	2	2	1
Pa	125	17	41	48	19
R.I	8	2	5	–	1
S.C	227	16	139	14	58
Tenn	123	14	82	10	17
Tex	195	14	93	18	70
Utah	1	1	–	–	–
Va	91	5	83	3	–
Wash	14	2	6	3	3
W. Va	16	2	12	1	1
Wis	18	4	9	2	3

– Represents zero. [1] Includes elected State administrators and directors of State agencies. [2] County commissioners and councilmen, mayors, vice mayors, aldermen, regional officials, and other. [3] Judges, magistrates, constables, marshals, sheriffs, justices of the peace, and other. [4] College boards, school boards and other.

Source: Joint Center for Political Studies, Washington, D.C., *National Roster of Black Elected Officials*, annual. (Copyright.)

No. 799. Voter Registration in 11 Southern States, by Race: 1960 to 1982

[**In thousands, except percent.** For 1960 to 1970, population 21 yr. and over, except Ga., 18 yr. and over; beginning 1975, population 18 yr. and over for all Southern States. For voting age population, see table 802]

Year and race	Total	Ala.	Ark.	Fla.	Ga.	La.	Miss.	N.C.	S.C.	Tenn.	Tex.	Va.
1960: White	12,276	860	518	1,819	1,020	993	478	1,861	481	1,300	2,079	867
Black	1,463	66	73	183	180	159	22	210	58	185	227	100
Percent White [1]	61.1	63.6	60.9	69.3	56.8	76.9	63.9	92.1	57.1	73.0	42.5	46.1
Percent Black [1 2]	29.1	13.7	38.0	39.4	29.3	31.1	5.2	39.1	13.7	59.1	35.5	23.1
1966: White	14,310	1,192	598	2,093	1,378	1,072	471	1,654	718	1,375	2,600	1,159
Black	2,689	250	115	303	300	243	175	282	191	225	400	205
1970: White	16,985	1,311	728	2,495	1,615	1,143	690	1,640	668	1,600	3,599	1,496
Black	3,357	315	153	302	395	319	286	305	221	242	550	269
1976: White	21,690	1,544	817	3,480	1,703	1,445	[3]866	2,137	828	1,886	5,191	1,794
Black	[4]4,149	[4]321	[4]204	410	[4]598	421	[4]286	396	285	[4]271	[4]640	[4]317
1980: White	24,981	1,700	1,056	4,331	1,800	1,550	1,152	2,314	916	2,200	6,020	1,942
Black	4,254	350	130	489	450	465	330	440	320	300	620	360
Percent White [1]	71.9	81.4	76.9	67.7	63.0	74.8	98.9	70.1	58.5	78.5	75.1	62.2
Percent Black [1]	55.8	55.8	57.2	58.3	48.6	60.7	62.3	51.3	53.7	64.0	56.0	53.2
1982: White	22,868	1,657	964	4,200	1,907	1,491	1,055	2,161	862	1,998	4,753	1,820
Black	4,302	437	145	500	467	468	340	436	321	310	548	330
Percent White [1]	65.8	79.4	70.2	65.7	66.8	71.9	90.6	65.5	55.0	71.3	59.3	58.3
Percent Black [1]	56.5	69.7	63.9	59.7	50.4	61.1	64.2	50.9	53.9	66.1	49.5	49.5

[1] Of voting age population. [2] Includes other minority races. [3] 1975 data. [4] Estimated.

Source: Voter Education Project, Inc., Atlanta, Ga., *Voter Registration in the South*, issued irregularly.

No. 800. Women Holding State and Local Public Offices, by Office, 1975 to 1981, and by States, 1981

[As of **August.** For data on women in U.S. Congress, see table 793]

YEAR AND STATE	Total	State legislature	County commission	Mayoralty	Townships and local councils
1975	7,089	[1] 702	456	566	5,365
1977	11,392	[1] 806	656	735	9,195
1979	14,353	[1] 947	947	998	11,461
1980	16,083	763	1,144	1,333	12,843
1981 [2]	**16,585**	**908**	**1,205**	**1,680**	**12,792**
Percent [3]	12	12	7	9	14
Ala	327	6	9	26	286
Alaska	199	6	12	11	[4] 170
Ariz	118	17	7	8	86
Ark	375	5	64	34	272
Calif	468	12	52	66	338
Colo	339	23	13	26	277
Conn	297	44	(x)	17	236
Del	71	9	3	12	47
D.C.	6	(x)	(x)	–	6
Fla	362	17	38	32	275
Ga	222	17	22	18	165
Hawaii	20	14	4	1	1
Idaho	153	10	8	19	116
Ill	669	32	[4] 117	66	[4] 454
Ind	353	12	59	[5] 200	[5] 82
Iowa [2]	624	18	25	35	546
Kans	550	22	23	118	387
Ky. [2]	457	10	25	45	377
La. [2]	161	2	20	15	124
Maine [2]	270	42	–	57	171
Md. [2]	160	28	9	12	111
Mass	212	19	5	43	145
Mich	2,584	16	129	115	2,324
Minn. [2]	546	24	13	65	444
Miss. [2]	191	2	5	18	166
Mo. [2]	424	22	22	32	348
Mont. [2]	133	17	10	11	95
Nebr. [2]	229	5	22	17	185
Nev	19	7	4	1	7
N.H.	207	124	4	26	53
N.J	435	8	17	39	371
N. Mex	115	7	11	12	85
N.Y.	171	18	100	45	[4] 8
N.C.	336	22	36	39	239
N. Dak	189	18	7	18	146
Ohio [2]	789	10	18	20	741
Okla. [2]	298	12	6	39	241
Oreg. [2]	347	20	30	31	266
Pa	533	12	16	58	[4] 447
R.I. [2]	57	15	(x)	–	42
S.C.	185	11	21	12	141
S. Dak	171	11	13	23	124
Tenn. [2]	218	6	75	6	131
Tex. [2]	740	12	25	73	630
Utah	137	8	3	11	115
Vt	116	39	(x)	19	58
Va	217	9	12	13	183
Wash	333	35	10	40	248
W. Va. [2]	228	16	7	17	188
Wis. [2]	118	20	71	9	[4] 18
Wyo. [2]	106	17	3	10	76

– Represents zero. X Not applicable. [1] Includes all major State appellate courts and trial courts: 92 in 1975, 110 in 1977, and 177 in 1979. [2] Except for State legislature, data are preliminary. [3] Percent of all officeholders. Total number of officeholders based on 1977 Census of Governments. [4] Incomplete reporting. [5] Township trustees counted as "mayor."

Source: Center for the American Woman and Politics, The Eagleton Institute of Politics, Rutgers University, New Brunswick, New Jersey, informal information releases.

No. 801. Participation in Elections for President and U.S. Representatives: 1932 to 1980

[Population estimated, as of **November.** Resident population 21 years old and over, 1932–1970, except as noted, and 18 and over thereafter; includes Armed Forces. Prior to 1960, excludes Alaska and Hawaii. Dist. of Col. is included in votes cast for President beginning 1964 and in votes cast for Representative beginning 1972]

YEAR	Resident population (incl. aliens) of voting age [1] (1,000)	VOTES CAST			
		For President [2] (1,000)	Percent of voting age population	For U.S. Representatives [2] (1,000)	Percent of voting age population
1932	75,768	39,732	52.4	37,657	49.7
1934	77,997	(x)	(x)	32,256	41.4
1936	80,174	45,643	56.0	42,886	53.5
1938	82,354	(x)	(x)	36,236	44.0
1940	84,728	49,900	58.9	46,951	55.4
1942	86,465	(x)	(x)	28,074	32.5
1944	85,654	47,977	56.0	45,103	52.7
1946	92,659	(x)	(x)	34,398	37.1
1948	95,573	48,794	51.1	45,933	48.1
1950	98,134	(x)	(x)	40,342	41.1
1952	99,929	61,551	61.6	57,571	57.6
1954	102,075	(x)	(x)	42,580	41.7
1956	104,515	62,027	59.3	58,426	55.9
1958	106,447	(x)	(x)	45,818	43.0
1960	109,672	68,838	62.8	64,133	58.5
1962	112,952	(x)	(x)	51,267	45.4
1964	114,090	70,645	61.9	65,895	57.8
1966	116,638	(x)	(x)	52,908	45.4
1968	120,285	73,212	60.9	66,288	55.1
1970	124,498	(x)	(x)	54,173	43.5
1972	140,777	77,719	55.2	71,430	50.7
1974	146,338	(x)	(x)	52,495	35.9
1976	152,308	81,556	53.5	74,422	48.9
1978	158,369	(x)	(x)	55,332	34.9
1980	164,381	86,515	52.6	77,995	47.4

X Not applicable. [1] Population 18 and over in Georgia, 1944–1970, and in Kentucky, 1956–1970; 19 and over in Alaska and 20 and over in Hawaii, 1960–1970. [2] Source: 1932–1958, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election.*

Source: Except as noted, U.S. Bureau of the Census, *Current Population Reports,* series P-25, No. 916; and, beginning 1960, Elections Research Center, Washington, D.C., *America Votes,* biennial (copyright).

No. 802. Resident Population of Voting Age, 1972 to 1982, and by Selected Characteristics, 1980 and 1982—States

[In thousands, except percent. Estimated population, 18 years old and over, as of November, except as noted. Includes Armed Forces stationed in each State, aliens, and institutional population. Except as noted, data are consistent with 1980 census *Advance Reports* series PHC80-V; see text, pp. 1 and 2]

Division and State	1972	1976	1978	1980	1982					1980,[1] percent of voting-age population		
					Total	18-24 years	25-44 years	45-64 years	65 yr. and over	Female	Black	Spanish origin[2]
United States	**140,777**	**152,308**	**158,369**	**164,381**	**169,342**	**29,917**	**67,987**	**44,475**	**26,963**	**52.4**	**10.5**	**5.5**
New England	**8,262**	**8,711**	**8,958**	**9,148**	**9,405**	**1,649**	**3,665**	**2,503**	**1,588**	**53.2**	**3.4**	**1.9**
Maine	692	759	791	810	831	143	322	219	147	52.5	.3	.4
New Hampshire	525	593	638	671	697	123	289	176	110	52.3	.4	.5
Vermont	308	337	353	369	379	71	157	91	61	52.4	.2	.6
Massachusetts	3,963	4,132	4,213	4,281	4,394	786	1,704	1,153	751	53.6	3.4	1.9
Rhode Island	682	689	707	710	726	129	266	198	132	53.5	2.5	1.8
Connecticut	2,091	2,201	2,254	2,307	2,378	398	927	666	387	52.8	6.0	3.1
Middle Atlantic	**25,934**	**26,643**	**26,912**	**27,148**	**27,580**	**4,526**	**10,511**	**7,818**	**4,725**	**53.5**	**10.7**	**5.4**
New York	12,717	12,892	12,912	12,945	13,153	2,175	5,094	3,674	2,209	53.8	12.4	8.3
New Jersey	5,010	5,220	5,326	5,417	5,544	891	2,147	1,601	906	53.2	11.0	5.7
Pennsylvania	8,207	8,531	8,673	8,785	8,883	1,460	3,270	2,543	1,610	53.3	8.1	1.0
East North Central	**27,064**	**28,469**	**29,251**	**29,747**	**30,061**	**5,406**	**11,998**	**7,942**	**4,714**	**52.5**	**9.8**	**2.1**
Ohio	7,149	7,461	7,638	7,731	7,793	1,367	3,077	2,122	1,228	52.8	9.2	.9
Indiana	3,498	3,692	3,812	3,883	3,904	713	1,553	1,025	613	52.5	6.8	1.3
Illinois	7,576	7,939	8,132	8,224	8,346	1,478	3,347	2,208	1,313	52.6	12.9	4.6
Michigan	5,876	6,214	6,406	6,526	6,554	1,208	2,668	1,712	967	52.2	11.7	1.4
Wisconsin	2,965	3,163	3,263	3,383	3,464	641	1,354	876	593	51.9	3.2	1.1
West North Central	**11,108**	**11,780**	**12,122**	**12,398**	**12,580**	**2,251**	**4,862**	**3,197**	**2,271**	**52.3**	**4.1**	**1.0**
Minnesota	2,537	2,726	2,823	2,927	2,988	553	1,210	725	500	51.9	1.1	.6
Iowa	1,917	2,026	2,075	2,091	2,094	363	792	539	400	52.4	1.2	.7
Missouri	3,240	3,408	3,499	3,577	3,640	636	1,380	955	668	53.1	9.3	.9
North Dakota	411	442	455	465	473	90	184	116	83	50.1	.4	.5
South Dakota	443	469	480	485	482	88	177	124	94	51.3	.3	.5
Nebraska	1,021	1,081	1,108	1,128	1,144	203	443	287	211	52.1	2.6	1.4
Kansas	1,539	1,628	1,681	1,726	1,759	317	675	451	315	51.9	4.8	2.2
South Atlantic	**21,889**	**24,586**	**25,832**	**27,243**	**28,523**	**4,988**	**11,263**	**7,564**	**4,709**	**52.6**	**18.5**	**3.2**
Delaware	379	412	426	432	443	86	174	119	64	52.8	14.2	1.3
Maryland	2,721	2,920	3,014	3,082	3,190	571	1,342	853	423	52.6	20.8	1.4
District of Columbia	537	525	515	493	487	90	204	119	74	54.9	65.8	2.8
Virginia	3,257	3,613	3,794	3,920	4,078	768	1,719	1,050	541	51.8	17.5	1.4
West Virginia	1,219	1,314	1,363	1,395	1,408	227	546	386	248	52.6	3.2	.6
North Carolina	3,548	3,907	4,088	4,265	4,417	820	1,774	1,168	655	52.4	20.3	.9
South Carolina	1,762	1,993	2,104	2,204	2,291	452	945	581	313	52.4	27.3	1.0
Georgia	3,153	3,494	3,667	3,868	4,040	753	1,717	1,016	554	52.9	24.3	1.1
Florida	5,313	6,408	6,862	7,585	8,169	1,221	2,841	2,271	1,836	53.0	11.3	8.5
East South Central	**8,773**	**9,624**	**10,048**	**10,367**	**10,552**	**1,895**	**4,165**	**2,750**	**1,741**	**52.8**	**17.4**	**.8**
Kentucky	2,223	2,434	2,528	2,590	2,620	476	1,045	673	427	52.2	6.7	.7
Tennessee	2,763	3,033	3,179	3,313	3,375	583	1,352	891	548	52.9	14.2	.7
Alabama	2,325	2,554	2,669	2,748	2,812	504	1,099	745	465	53.2	22.9	.8
Mississippi	1,462	1,603	1,672	1,716	1,745	333	670	442	301	53.2	31.0	.9
West South Central	**13,281**	**14,904**	**15,766**	**16,860**	**17,798**	**3,324**	**7,394**	**4,492**	**2,588**	**52.0**	**13.4**	**11.3**
Arkansas	1,354	1,502	1,575	1,629	1,650	273	618	432	328	52.9	14.1	.7
Louisiana	2,389	2,623	2,760	2,915	3,055	602	1,266	764	423	52.6	26.6	2.3
Oklahoma	1,816	1,990	2,081	2,199	2,299	409	903	600	387	52.2	6.0	1.5
Texas	7,719	8,789	9,350	10,117	10,793	2,039	4,607	2,697	1,450	51.6	11.1	17.7
Mountain	**5,829**	**6,834**	**7,413**	**8,036**	**8,454**	**1,567**	**3,657**	**2,066**	**1,164**	**50.9**	**2.2**	**10.9**
Montana	470	519	548	559	569	98	237	144	90	50.7	.2	1.0
Idaho	490	567	612	643	661	117	281	161	102	50.7	.3	3.2
Wyoming	225	267	298	332	354	65	166	83	39	48.9	.7	4.4
Colorado	1,604	1,838	1,974	2,114	2,225	421	1,024	517	263	50.9	3.2	9.8
New Mexico	669	783	841	896	936	180	393	236	127	51.5	1.7	33.1
Arizona	1,315	1,611	1,766	1,956	2,061	366	828	522	345	51.5	2.5	13.3
Utah	669	791	858	936	986	209	438	222	118	51.3	.7	3.6
Nevada	367	457	520	601	661	112	291	180	78	49.6	5.3	5.8
Pacific	**18,637**	**20,758**	**22,070**	**23,435**	**24,389**	**4,311**	**10,473**	**6,143**	**3,463**	**51.2**	**5.8**	**12.7**
Washington	2,330	2,601	2,792	3,030	3,154	547	1,368	775	465	50.9	2.4	2.3
Oregon	1,495	1,679	1,808	1,921	1,954	307	844	477	326	51.5	1.2	2.0
California	14,062	15,598	16,546	17,513	18,277	3,259	7,792	4,653	2,573	51.4	7.1	16.1
Alaska	203	257	269	274	287	60	156	58	13	46.3	3.4	2.1
Hawaii	547	624	657	696	716	138	312	181	85	48.8	1.9	6.0

[1] Based on enumerated population as of April 1. Data are consistent with final census reports, series PC80-1-B; see text, pp. 1 and 2.

[2] Persons of Spanish origin may be of any race.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 916.

No. 803. Voter Registration and Persons Voting, by States: 1972 to 1980

[For 1972 and 1976, total persons voting restricted to number of ballots recorded by Secretaries of State as having been cast for any electoral office or referendum; or in those States which do not count total number of ballots (which are noted), the largest number of votes cast for a particular office. For 1980, total persons voting are total votes cast for President. For total resident voting-age population, see table 802]

Division and State	Persons registered						Persons voting								
	Total (1,000)			Percent of voting-age population			Total (1,000)			Percent of registered			Percent of voting-age population		
	1972	1976	1980	1972	1976	1980	1972	1976	1980	1972	1976	1980	1972	1976	1980
U.S.	**92,702**	**105,837**	**112,945**	(x)	[1]70.4	[1]70.4	**78,902**	**82,645**	**86,515**	(x)	[1]77.1	[1]74.3	**56.0**	**54.3**	**52.6**
N.E.	**6,615**	**6,584**	**7,020**	**80.1**	**75.6**	**76.7**	**5,293**	**5,452**	**5,467**	**80.0**	**82.8**	**77.9**	**64.1**	**62.6**	**59.8**
Maine	616	696	760	89.0	91.7	93.8	[2]421	[2]486	523	68.3	69.8	68.8	60.8	64.0	64.6
N.H.	450	478	551	85.7	80.6	82.2	345	359	384	76.7	75.1	69.6	65.7	60.5	57.2
Vt	273	284	312	88.6	84.3	84.5	194	194	213	71.1	68.3	68.4	63.0	57.6	57.8
Mass	3,096	2,912	3,143	78.1	70.5	73.4	2,508	2,594	2,524	81.0	89.1	80.3	63.3	62.8	59.0
R.I.	532	545	547	78.0	79.1	77.1	[3]416	[3]411	416	78.2	75.4	76.0	61.0	59.7	58.6
Conn	1,648	1,669	1,706	78.8	75.8	74.0	1,409	1,408	1,406	85.5	84.4	82.4	67.4	64.0	61.0
M.A.	**18,752**	**17,719**	**17,385**	**72.3**	**66.5**	**64.0**	**14,945**	**14,326**	**13,739**	**79.7**	**80.9**	**79.0**	**57.6**	**53.8**	**50.6**
N.Y.	9,207	8,199	7,870	72.4	63.6	60.8	7,323	6,668	6,202	79.5	81.3	78.8	57.6	51.7	47.9
N.J.	3,673	3,770	3,761	73.3	72.2	69.4	3,030	3,037	2,976	82.5	80.6	79.1	60.5	58.2	54.9
Pa.	5,872	5,750	5,754	71.5	67.4	65.5	[3]4,592	[3]4,621	4,562	78.2	80.4	79.3	56.0	54.2	51.9
E.N.C.	**18,625**	**21,723**	**20,769**	(x)	**76.3**	[1]**78.8**	**16,572**	**17,139**	**17,458**	(x)	**78.9**	[1]**73.1**	**61.2**	**60.2**	**58.7**
Ohio	4,628	4,693	5,887	64.7	62.9	76.2	4,220	4,195	4,284	91.2	89.4	72.8	59.0	56.2	55.4
Ind.	3,019	3,010	2,944	86.3	81.5	75.8	[3]2,126	2,279	2,242	70.4	75.7	76.1	60.8	61.7	57.7
Ill.	6,215	6,252	6,212	82.0	78.8	75.5	4,883	4,839	4,750	78.6	77.4	76.5	64.5	61.0	57.8
Mich.	4,763	5,202	5,726	81.1	83.7	87.7	[3]3,490	3,722	3,910	73.3	71.5	68.3	59.4	59.9	59.9
Wis.	([4])	2,566	([4])	(x)	81.1	(x)	[3]1,853	[3]2,104	2,273	(x)	82.0	(x)	62.5	66.5	67.2
W.N.C.	**1,104**	**8,906**	**9,970**	(x)	[1]**78.6**	[1]**83.5**	**6,977**	**7,404**	**7,719**	(x)	[1]**79.7**	[1]**74.4**	**62.8**	**62.9**	**62.3**
Minn.	([4])	2,566	2,787	(x)	94.1	95.2	1,774	1,979	2,052	(x)	77.5	73.6	69.9	72.6	70.1
Iowa	([4])	1,407	1,747	(x)	69.4	83.5	[3]1,226	[3]1,279	1,318	(x)	90.9	75.4	64.0	63.1	63.0
Mo.	([4])	2,553	2,841	(x)	74.9	79.4	[5]1,866	[3]1,954	2,100	(x)	76.5	73.9	57.6	57.3	58.7
N. Dak.	([4])	([4])	([4])	(x)	(x)	(x)	289	309	302	(x)	(x)	(x)	70.3	69.9	64.8
S. Dak.	392	426	448	88.5	90.8	92.3	[5]308	[3]301	328	78.6	70.7	73.2	69.5	64.2	67.6
Nebr.	712	841	856	69.7	77.8	75.9	592	624	641	83.1	74.2	74.9	58.0	57.7	56.8
Kans.	([4])	1,113	1,291	(x)	68.4	74.8	[5]922	[3]958	980	(x)	86.1	75.9	59.9	58.8	56.8
S.A.	**14,506**	**15,790**	**17,285**	**66.3**	**64.2**	**63.4**	**9,942**	**11,414**	**12,589**	**68.5**	**72.3**	**72.8**	**45.4**	**46.4**	**46.2**
Del.	293	301	301	77.3	73.1	69.6	[3]236	[3]236	236	80.5	78.4	78.5	62.3	57.3	54.6
Md.	1,816	1,950	2,065	66.7	66.8	67.0	[3]1,354	[3]1,440	1,540	74.6	73.8	74.6	49.8	49.3	50.0
D.C.	305	268	289	56.8	51.0	58.6	166	171	175	54.4	63.8	60.7	30.9	32.6	35.5
Va.	2,107	2,124	2,309	64.7	58.8	58.9	[3]1,457	1,716	1,866	69.2	80.8	80.8	44.7	47.5	47.6
W. Va.	1,063	1,084	1,035	87.2	82.5	74.2	[5]774	[3]751	738	72.8	69.3	71.3	63.5	57.2	52.9
N.C.	2,358	2,554	2,775	66.5	65.4	65.1	[3]1,519	[3]1,679	1,856	64.4	65.7	66.9	42.8	43.0	43.5
S.C.	1,034	1,113	1,236	58.7	55.8	56.1	674	803	894	65.2	72.1	72.4	38.3	40.3	40.6
Ga.	2,043	2,302	2,467	64.8	65.9	63.8	1,179	1,467	1,597	57.7	63.7	64.7	37.4	42.0	41.3
Fla.	3,487	4,094	4,810	65.6	63.9	63.4	[3]2,583	[3]3,151	3,687	74.1	77.0	76.7	48.6	49.2	48.6
E.S.C.	**5,209**	**5,490**	**7,789**	(x)	[1]**68.4**	**75.1**	**3,965**	**4,595**	**5,147**	(x)	[1]**69.7**	**66.1**	**45.2**	**47.7**	**49.6**
Ky.	1,455	1,713	1,803	65.5	70.4	69.6	[3]1,067	[3]1,167	1,295	73.3	68.1	71.8	48.0	47.9	50.0
Tenn.	1,990	1,912	2,359	72.0	63.0	71.2	[3]1,201	[3]1,476	1,618	60.4	77.2	68.6	43.5	48.7	48.8
Ala.	1,764	1,865	2,142	75.9	73.0	78.0	[2]1,051	[3]1,183	1,342	59.6	63.4	62.6	45.2	46.3	48.8
Miss.	(NA)	([4])	1,486	(x)	(x)	86.6	[3]646	[3]769	893	(x)	(x)	60.1	44.2	48.0	52.0
W.S.C.	**9,542**	**10,607**	**11,314**	**71.8**	**71.2**	**67.1**	**6,301**	**7,226**	**8,078**	**66.0**	**68.1**	**71.4**	**47.4**	**48.5**	**47.9**
Ark.	1,010	1,021	1,189	74.6	68.0	73.0	[3]651	[3]768	838	64.5	75.2	70.5	48.1	51.1	51.4
La.	1,785	1,866	2,015	74.7	71.1	69.1	[5]1,122	[3]1,278	1,549	62.9	68.5	76.8	47.0	48.7	53.1
Okla.	1,247	1,401	1,469	68.6	70.4	66.8	1,057	1,108	1,150	84.8	79.1	78.2	58.1	55.7	52.3
Tex.	[6]5,500	6,319	6,640	71.3	71.9	65.6	[3]3,471	[3]4,072	4,542	63.1	64.4	68.4	45.0	46.3	44.9
Mt.	**4,223**	**4,982**	**5,585**	(x)	**72.9**	**69.5**	**3,452**	**3,881**	**4,346**	(x)	**77.9**	**77.8**	**59.2**	**56.8**	**54.1**
Mont.	387	455	496	82.3	87.7	88.8	327	339	364	84.5	74.5	73.3	69.6	65.3	65.1
Idaho	397	520	581	81.0	91.7	90.4	[3]310	355	437	78.1	68.3	75.3	63.3	62.6	68.0
Wyo.	(NA)	195	219	(x)	73.0	66.1	152	160	177	(x)	82.1	80.5	67.3	59.9	53.2
Colo.	1,220	1,349	1,434	76.1	73.4	67.8	954	[3]1,082	1,184	78.2	80.2	82.6	59.5	58.9	56.0
N. Mex.	505	527	653	75.5	67.3	72.8	396	426	457	78.4	80.8	70.0	59.2	54.4	51.0
Ariz.	862	980	1,121	65.6	60.8	57.3	648	765	874	75.2	78.1	78.0	49.3	47.5	44.7
Utah	621	705	782	90.1	89.1	83.5	480	548	604	77.3	77.7	77.3	69.7	69.3	64.6
Nev.	231	251	298	62.9	54.9	49.6	185	206	248	80.1	82.1	83.1	50.4	45.1	41.2
Pac.	**14,126**	**14,037**	**15,828**	**75.8**	**67.6**	**67.5**	**11,455**	**11,208**	**11,973**	**81.1**	**79.8**	**75.6**	**61.5**	**54.0**	**51.1**
Wash.	1,975	2,065	2,237	84.8	79.4	73.8	1,520	1,585	1,742	77.0	76.8	77.9	65.2	60.9	57.5
Oreg.	1,198	1,420	1,569	80.1	84.6	81.7	953	1,049	1,182	79.5	73.9	75.3	63.7	62.5	61.5
Calif.	10,466	9,982	11,361	74.4	64.0	64.9	8,596	8,137	8,587	82.1	81.5	75.6	61.1	52.2	49.0
Alaska	149	207	259	73.4	80.5	94.4	99	128	158	66.4	61.8	61.2	48.8	49.8	57.8
Hawaii	338	363	403	61.8	58.2	57.9	287	309	303	84.9	85.1	75.3	52.5	49.5	43.6

NA Not available. X Not applicable. [1]Excludes States for which data were not available. [2]Total vote for largest race, Senator. [3]Total vote for largest race, President. [4]No required statewide registration; excluded from totals for persons registered. [5]Total vote for largest race, Governor. [6]Estimated.

Source: National Republican Congressional Committee, Washington, D.C., unpublished data.

No. 804. Percent of Voting-Age Population Casting Votes—States: 1972 to 1980

[As of November. For total resident voting-age population, see table 802]

State and Division	Percent casting votes for presidential electors			Percent casting votes for U.S. representatives		
	1972	1976	1980	1976	1978	1980
U.S.	**55.2**	**53.5**	**52.6**	**48.9**	**34.9**	**47.4**
New England	**62.9**	**61.4**	**59.8**	**58.1**	**43.4**	**55.2**
Maine	60.3	63.7	64.6	62.3	46.8	63.3
New Hampshire	63.6	57.3	57.2	54.8	40.4	54.2
Vermont	60.7	55.7	57.8	54.9	34.3	52.8
Massachusetts	62.0	61.7	59.0	56.8	42.9	[1]52.7
Rhode Island	61.0	59.7	58.6	56.5	43.6	54.5
Connecticut	66.2	62.8	61.0	61.2	45.3	58.0
Middle Atlantic	**56.9**	**53.2**	**50.6**	**49.7**	**36.6**	**46.7**
New York	56.3	50.7	47.9	46.3	33.9	43.4
New Jersey	59.8	57.7	54.9	53.9	36.3	50.6
Pennsylvania	56.0	54.2	51.9	52.0	40.8	[1]49.2
E. No. Central	**60.2**	**59.0**	**58.7**	**55.2**	**39.1**	**54.9**
Ohio	57.3	55.1	55.4	51.5	36.4	[1]51.1
Indiana	60.8	60.1	57.7	57.0	38.0	56.4
Illinois	62.3	59.4	57.8	55.0	37.4	54.4
Michigan	59.4	58.8	59.9	55.2	42.3	55.0
Wisconsin	62.5	66.5	67.2	62.0	44.4	63.1
W. No. Central	**62.2**	**62.4**	**62.3**	**59.7**	**45.6**	**59.6**
Minnesota	68.6	71.5	70.1	65.8	54.1	65.1
Iowa	64.0	63.1	63.0	61.3	39.1	60.1
Missouri	57.3	57.3	58.7	55.9	44.2	57.3
North Dakota	68.3	67.2	64.8	65.6	48.4	63.0
South Dakota	69.4	64.1	67.6	62.9	53.3	66.0
Nebraska	56.4	56.2	56.8	55.7	44.7	55.4
Kansas	59.5	58.8	56.8	55.8	40.2	54.1
South Atlantic	**45.3**	**46.3**	**46.2**	**38.7**	**25.1**	**40.5**
Delaware	62.1	57.2	54.6	52.2	37.1	50.2
Maryland	49.8	49.3	50.0	45.1	30.7	45.5
District of Col	30.4	32.2	35.5	30.5	18.6	30.6
Virginia	44.7	47.0	47.6	40.5	27.9	39.6
S.A.—Con.						
West Virginia	62.5	57.2	52.9	50.5	32.5	49.2
North Carolina	42.8	43.0	43.5	40.2	25.0	[1]40.7
South Carolina	38.2	40.3	40.6	39.3	27.4	37.7
Georgia	37.3	42.0	41.3	35.9	16.1	[1]35.0
Florida [2]	48.6	49.2	48.6	32.5	23.6	40.8
E. So. Central	**44.7**	**47.8**	**49.6**	**40.1**	**26.9**	**40.1**
Kentucky	48.0	48.0	50.0	40.6	18.9	[1]40.8
Tennessee	43.5	48.7	48.8	41.2	33.4	[1]39.4
Alabama	43.3	46.3	48.8	38.5	24.1	[1]36.8
Mississippi	44.2	48.0	52.0	39.7	31.0	[1]46.0
W. So. Central	**46.7**	**48.4**	**47.9**	**40.8**	**24.3**	**34.6**
Arkansas [2]	48.1	51.1	51.4	22.4	18.6	12.4
Louisiana	44.0	48.7	53.1	38.7	27.9	25.0
Oklahoma [2]	56.7	54.9	52.3	53.7	28.3	38.0
Texas	45.0	46.3	44.9	41.7	23.3	[1]40.2
Mountain	**58.3**	**55.8**	**54.1**	**54.3**	**38.5**	**51.9**
Montana	67.6	63.3	65.1	61.8	51.6	60.6
Idaho	63.3	60.7	68.0	60.3	46.6	64.5
Wyoming	64.4	58.6	53.2	56.9	43.6	51.2
Colorado	59.5	58.8	56.0	55.5	39.8	54.4
New Mexico	57.7	53.4	51.0	51.2	33.9	45.6
Arizona	47.4	46.1	44.7	45.3	29.4	43.7
Utah	69.4	68.4	64.6	68.8	44.2	63.2
Nevada	49.5	44.2	41.2	43.8	36.7	40.8
Pacific	**59.7**	**52.4**	**51.1**	**49.2**	**39.7**	**48.4**
Washington	63.1	59.8	57.5	54.8	35.1	53.7
Oregon	62.1	61.3	61.5	55.2	48.3	57.6
California	59.5	50.4	49.0	47.8	39.4	46.7
Alaska	46.9	48.1	57.8	45.9	46.1	56.6
Hawaii	49.4	46.7	43.6	47.1	38.5	40.4

[1] See footnote 3, table 786. [2] State law does not require tabulation of votes for unopposed candidates.

Source: Compiled by U.S. Bureau of the Census. Population data from U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 916; votes cast from Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright).

No. 805. Voting-Age Population, and Percent Reporting Registered and Voted: 1972 to 1980

[See headnote, table 806]

Characteristic	Voting-age population (mil.)					Percent reporting they registered					Percent reporting they voted				
	1972	1974	1976	1978	1980	1972	1974	1976	1978	1980	1972	1974	1976	1978	1980
'otal	**136.2**	**141.3**	**146.5**	**151.6**	**157.1**	**72.3**	**62.2**	**66.7**	**62.6**	**66.9**	**63.0**	**44.7**	**59.2**	**45.9**	**59.2**
'	121.2	125.1	129.3	133.4	137.7	73.4	63.5	68.3	63.8	68.4	64.5	46.3	60.9	47.3	60.9
	13.5	14.2	14.9	15.6	16.4	65.5	54.9	58.5	57.1	60.0	52.1	33.8	48.7	37.2	50.5
ish origin [1]	5.6	6.1	6.6	6.8	8.2	44.4	34.9	37.8	32.9	36.3	37.4	22.9	31.8	23.5	29.9
	63.8	66.4	69.0	71.5	74.1	73.1	62.8	67.1	62.6	66.6	64.1	46.2	59.6	46.6	59.1
le	72.4	74.9	77.6	80.2	83.0	71.6	61.7	66.4	62.5	67.1	62.0	43.4	58.8	45.3	59.4
and West [2]	93.7	96.5	99.4	102.9	106.5	73.9	63.3	67.7	63.8	67.9	66.4	48.8	61.2	48.9	61.0
[2]	42.6	44.8	47.1	48.8	50.6	68.7	59.8	64.6	60.1	64.8	55.4	36.0	54.9	39.6	55.6
politan [3]	99.2	101.3	99.6	103.1	106.7	72.5	61.2	65.7	61.3	65.8	64.3	44.7	59.2	46.0	58.8
central cities	42.4	43.9	43.1	43.7	44.0	70.9	59.5	63.3	59.2	63.5	62.2	42.6	56.6	44.2	56.3
tside central ities	56.9	57.4	56.5	59.4	62.6	73.8	62.6	67.6	62.8	67.3	65.9	46.3	61.2	47.4	60.6
etropolitan	37.0	40.0	47.0	48.6	50.5	71.7	64.7	68.8	65.3	69.2	59.4	44.7	59.1	45.6	60.2
yr	11.0	11.6	12.1	12.2	12.3	58.1	36.4	47.1	34.7	44.7	48.3	20.8	38.0	20.1	35.7
yr	13.6	14.1	14.8	15.5	15.9	59.5	45.3	54.8	45.1	52.7	50.7	26.4	45.6	26.2	43.1
yr	49.1	51.7	54.3	57.5	61.3	71.3	59.9	65.5	60.2	65.6	62.7	42.2	58.7	43.1	58.7
yr	42.3	43.0	43.3	43.4	43.6	79.7	73.6	75.5	74.3	75.8	70.8	56.9	68.7	58.5	69.3
and over	20.1	21.0	22.0	23.0	24.1	75.6	70.2	71.4	72.8	74.6	63.5	51.4	62.2	55.9	65.1
oyed	80.2	83.1	86.0	93.2	95.0	74.3	63.8	68.8	63.0	68.7	66.0	46.8	62.0	46.7	61.8
nployed	3.7	5.0	6.4	4.9	6.9	58.7	44.4	52.1	44.1	50.3	49.9	28.8	43.7	27.4	41.2
labor force	52.3	53.2	54.1	53.5	55.2	70.3	61.3	65.2	63.4	65.8	59.3	43.0	56.5	46.2	57.0

ersons of Spanish origin may be of any race. [2] See fig. 1, inside front cover. [3] Standard metropolitan statistical areas ifined in 1970 census publications.

urce: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 370 and earlier reports.

No. 806. Participation in National Elections, 1964 to 1980, and by Population Characteristics, 1980

[As of **November**. Covers civilian noninstitutional population 18 years old and over, except 1964–1970, 21 years old and over (see also footnote 1, table 801). Includes aliens. Figures are based on Current Population Survey (see text, p. 2, and Appendix III) and differ from those in tables 801 and 804 based on population estimates and official vote counts. Differences in percentages may also be due to overreporting of voting (reluctance of some persons in the sample who actually did not vote to so report)]

Year and characteristic	Persons of voting age (mil.)	Persons reporting they registered		Persons reporting they voted		Persons reporting they did not vote				Reasons for not registering	
		Total (mil.)	Percent	Total (mil.)	Percent	Total [1] (mil.)	Registered (mil.)	Not registered [1] Number (mil.)	Not registered [1] Percent	Percent unable to register	Percent not a citizen
1964	110.6	(NA)	(NA)	76.7	69.3	33.9	(NA)	(NA)	(NA)	(NA)	(NA)
1966	112.8	79.3	70.3	62.5	55.4	50.3	16.8	33.1	29.3	(NA)	2.0
1968	116.5	86.6	74.3	79.0	67.8	37.6	7.6	30.0	25.7	(NA)	2.3
1970	120.7	82.2	68.1	65.9	54.6	54.8	16.3	38.5	31.9	(NA)	2.5
1972	136.2	98.5	72.3	85.8	63.0	50.4	12.7	37.7	27.7	(NA)	2.6
1974	141.3	87.9	62.2	63.2	44.7	78.1	24.7	53.4	37.8	11.4	2.8
1976	146.5	97.8	66.7	86.7	59.2	59.9	11.1	48.8	33.3	5.7	3.0
1978	151.6	94.9	62.6	69.6	45.9	82.1	25.3	56.8	37.4	8.0	3.5
1980, total [2]	**157.1**	**105.0**	**66.9**	**93.1**	**59.2**	**64.0**	**12.0**	**52.1**	**33.1**	**6.2**	**4.0**
Male	74.1	49.3	66.6	43.8	59.1	30.3	5.6	24.7	33.4	6.0	4.0
Female	83.0	55.7	67.1	49.3	59.4	33.7	6.4	27.3	32.9	6.4	4.1
White	137.7	94.1	68.4	83.9	60.9	53.8	10.3	43.6	31.6	6.0	3.5
Black	16.4	9.8	60.0	8.3	50.5	8.1	1.6	6.6	40.0	7.8	2.9
Spanish origin [3]	8.2	3.0	36.3	2.5	29.9	5.8	.5	5.3	63.7	6.5	32.2
18–20 yr. old	12.3	5.5	44.7	4.4	35.7	7.9	1.1	6.8	55.3	9.6	5.1
21–24 yr. old	15.9	8.4	52.7	6.8	43.1	9.0	1.5	7.5	47.3		4.8
25–34 yr. old	35.7	22.2	62.0	19.5	54.6	16.2	2.7	13.6	38.0	7.2	5.1
35–44 yr. old	25.6	18.0	70.6	16.5	64.4	9.1	1.6	7.5	29.4	4.7	4.8
45–64 yr. old	43.6	33.0	75.8	30.2	69.3	13.4	2.8	10.5	24.2	3.8	3.1
65 yr. and over	24.1	18.0	74.6	15.7	65.1	8.4	2.3	6.1	25.4	6.7	2.4
Median age [4] (yr.)	40.7	44.2	(X)	44.6	(X)	34.3	39.5	33.6	(X)	(X)	(X)
North and West [5]	106.5	72.3	67.9	65.0	61.0	41.6	7.3	34.2	32.1	(NA)	4.5
South [5]	50.6	32.7	64.8	28.1	55.6	22.5	4.6	17.8	35.2	(NA)	3.0
Metropolitan [6]	106.7	70.1	65.8	62.7	58.8	43.9	7.4	36.5	34.2	(NA)	5.3
In central cities	44.0	27.9	63.5	24.8	56.3	19.2	3.2	16.1	36.5	(NA)	7.0
Outside central cities	62.6	42.2	67.3	37.9	60.6	24.7	4.2	20.4	32.7	(NA)	4.1
Nonmetropolitan	50.5	34.9	69.2	30.4	60.2	20.1	4.6	15.5	30.8	(NA)	1.4
School years completed:											
8 yr. or less	22.7	12.0	53.0	9.6	42.6	13.0	2.4	10.7	47.0	(NA)	10.3
High school:											
1–3 yrs	22.5	12.3	54.6	10.2	45.6	12.2	2.0	10.2	45.4	(NA)	3.4
4 yrs	61.2	40.6	66.4	36.0	58.9	25.2	4.6	20.6	33.6	(NA)	2.6
College:											
1–3 yrs	26.7	19.9	74.4	18.0	67.2	8.8	1.9	6.8	25.6	(NA)	3.0
4 yrs. or more	24.0	20.3	84.3	19.2	79.9	4.8	1.0	3.8	15.7	(NA)	3.4
Civilian labor force [2]	101.9	68.7	67.4	61.6	60.4	40.3	7.1	33.2	32.6	5.7	4.0
Employed	95.0	65.3	68.7	58.8	61.8	36.3	6.5	29.8	31.3	5.4	3.9
Agriculture	3.0	2.1	68.1	1.8	60.0	1.2	.2	1.0	31.8	4.1	6.3
Nonagriculture industries	92.0	63.2	68.7	57.0	61.9	35.1	6.2	28.8	31.3	5.5	3.9
Private wage and salary workers	69.2	45.0	65.1	40.1	57.9	29.1	5.0	24.1	34.9	6.0	4.5
Government workers	15.8	13.0	82.0	12.2	77.0	3.6	.8	2.8	18.0	3.7	1.4
Self-employed [7]	7.1	5.2	73.7	4.7	67.0	2.3	.5	1.9	26.3	4.3	3.4
Unemployed	6.9	3.5	50.3	2.8	41.2	4.1	.6	3.4	49.7	9.0	4.7
White-collar workers [2]	52.8	40.4	76.5	37.4	70.9	15.4	3.0	12.4	23.5	4.8	2.5
Professional, technical	16.5	13.6	82.4	12.8	77.7	3.7	.8	2.9	17.6	3.9	2.7
Managers and administrators [6]	11.4	8.9	77.9	8.2	71.8	3.2	.7	2.5	22.1	4.4	2.6
Clerical and kindred workers	18.7	13.4	71.3	12.2	65.0	6.6	1.2	5.4	28.7	5.8	2.4
Blue-collar workers [2]	33.4	18.9	56.6	16.0	48.0	17.4	2.9	14.5	43.4	6.6	5.2
Craft and kindred workers	13.3	8.2	61.8	7.2	53.8	6.1	1.1	5.1	38.2	6.2	3.6
Operatives, except transport	11.7	6.1	52.5	5.2	44.3	6.5	1.0	5.6	47.5	6.5	7.8
Service workers	12.7	7.5	59.4	6.5	51.3	6.2	1.0	5.2	40.6	6.9	5.9
Farm workers	2.6	1.8	68.0	1.5	59.9	1.0	.2	.8	32.0	3.8	7.0
Not in labor force	55.2	36.3	65.8	31.4	57.0	23.7	4.9	18.8	34.2	7.2	4.1
Owner occupied [9]	44.2	34.4	77.8	31.4	71.1	12.8	3.0	9.8	22.2	(NA)	1.9
Renter occupied [9]	14.9	7.5	50.8	6.3	42.1	8.6	1.3	7.3	49.2	(NA)	2.1

NA Not available. X Not applicable. [1] Includes do not know and not reported. [2] Includes characteristics not shown separately. [3] Persons of Spanish origin may be of any race. [4] For definition of median, see Guide to Tabular Presentation. [5] See fig. I, inside front cover. [6] Standard metropolitan statistical areas as defined in 1970 census publications. [7] Includes unpaid family workers. [8] Excludes persons on farms. [9] Covers family households only; see text, p. 4.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 370, and earlier reports.

No. 807. Presidential Campaign Finances—Primary and General Election Receipts and Expenditures, by Political Party: 1975–1976

[**In millions of dollars.** Covers **Jan. 1, 1975–Dec. 31, 1976.** Based on disclosure documents submitted by candidates, their principal campaign committees, and other authorized committees. Figures adjusted to eliminate refunds and rebates, refunded contributions, loan repayments, and transfers to or from affiliated committees]

RECEIPTS AND EXPENDITURES	PRESIDENTIAL CAMPAIGN				PRIMARY CAMPAIGN			GENERAL ELECTION CAMPAIGN			
	Total	Democratic	Republican	Other [1]	Total	Democratic	Republican	Total	Democratic	Republican	Other [1]
Receipts, total	**114.0**	**61.7**	**50.2**	**2.0**	**67.9**	**39.6**	**28.3**	**46.1**	**22.1**	**22.0**	**2.0**
Private funds [2]	46.1	25.4	18.7	2.0	43.6	25.1	18.5	2.5	.3	.2	2.0
U.S. Treasury funds [3]	67.9	36.3	31.6	-	24.3	14.5	9.7	43.6	21.8	21.8	-
Expenditures, total	**112.8**	**62.9**	**48.0**	**2.0**	**66.9**	**40.7**	**26.2**	**45.9**	**22.2**	**21.8**	**2.0**

- Represents zero. [1] Covers candidates who were on the ballot in 10 or more States. Included under general election since a majority of their financial activity was directed toward that area. [2] Covers contributions, outstanding loans, interest, and miscellaneous income. [3] Represents matching funds given to qualified candidates in the primary campaign and grant funds to the Democratic and Republican party candidates in the general election.

Source: U.S. Federal Election Commission, FEC Disclosure, No. 7: *1976 Presidential Campaign Receipts and Expenditures*, 1977.

No. 808. Presidential Campaign Finances—Primary Campaign Receipts and Disbursements and Federal Funds for General Election: 1979–1980

[**In millions of dollars.** Covers **Jan. 1, 1979–Dec. 31, 1980.** See headnote, table 807]

RECEIPTS AND DISBURSEMENTS	PRIMARY CAMPAIGN [1]				CANDIDATE	General election—net Federal funds distributed
	Total		Democratic	Republican		
	Amount	Percent				
Receipts, total [2]	**94.2**	**100.0**	**35.6**	**58.5**	**Total**	**62.8**
Individual contributions	61.0	64.8	23.9	37.1		
Federal matching funds	30.9	32.8	10.3	20.5	Anderson [3]	4.2
					Carter	29.4
Disbursements	92.3	100.0	35.6	56.7	Reagan	29.2

[1] Covers 10 candidates who received Federal matching funds (Democrats: Edmund Brown, James Carter, Edward Kennedy and Lyndon LaRouche; Republicans: John Anderson, Howard Baker, George Bush, Phillip Crane, Robert Dole, and Ronald Reagan). [2] Includes other types of receipts, not shown separately. [3] John Anderson, as the candidate of a new party, was permitted to raise funds privately. Total receipts for the Anderson campaign, including Federal funds, were 17.1 million dollars and total expenditures were 15.0 million dollars.

Source: U.S. Federal Election Commission, *FEC Reports on Financial Activity 1979–1980, Final Report, Presidential Pre-Nomination Campaigns*, October 1981, and March 1982 press release on public financing 1980 Presidential election.

No. 809. Independent Expenditures for Presidential and Congressional Campaigns: 1979–1980

[**In thousands of dollars.** Covers **Jan. 1, 1979–Dec. 31, 1980.** An "independent expenditure" is money spent to support or defeat a clearly identified candidate. According to Federal election law, such an expenditure must be made without cooperation or consultation with the candidate or his/her campaign. Independent expenditures are not limited as are contributions]

TYPE OF OFFICE	ALL PARTIES			DEMOCRATS		REPUBLICANS		OTHERS	
	Total	For	Against	For	Against	For	Against	For	Against
Total	**16,024**	**13,866**	**2,158**	**434**	**2,030**	**13,159**	**117**	**273**	**11**
President	13,745	12,933	813	123	737	12,538	65	272	11
Congress	2,279	934	1,345	311	1,293	622	52	1	-
Senate	1,642	353	1,288	125	1,279	228	9	-	-
House of Representatives	637	580	57	186	14	394	43	1	-

- Represents zero.

Source: U.S. Federal Election Commission, *1979-80 FEC Index of Independent Expenditures*, 1981 and *FEC Reports On Financial Activity, 1979–1980 Final Report on U.S. Senate and House Campaigns*, 1982.

No. 810. Congressional Campaign Finances—Adjusted Receipts and Disbursements: 1977 to 1980

[Covers all campaign finance activity during 2 year calendar period indicated for primary, general, run-off, and special elections. For 1977-1978, relates to 1,655 House of Representatives candidates and to 254 Senate candidates; and for 1979-1980 to 1,944 House of Representatives candidates and to 344 Senate candidates. Receipts and disbursements have been adjusted to eliminate transfers between all committees within a campaign]

ITEM	HOUSE				SENATE			
	1977-1978		1979-1980		1977-1978		1979-1980	
	Amount (mil. dol.)	Percent distribution	Amount (mil. dol.)	Percent distribution	Amount (mil. dol.)	Percent distribution	Amount (mil. dol.)	Percent distribution
Total receipts [1]	**113.9**	**100.0**	**144.0**	**100.0**	**85.5**	**100.0**	**104.8**	**100.0**
Contributions:								
$101-$499	11.1	9.7	(NA)	(NA)	8.5	9.9	(NA)	(NA)
$500 and over	14.6	12.8	21.9	15.2	18.3	21.4	25.6	24.4
Party committee	5.0	4.4	4.8	3.3	1.2	1.4	1.2	1.1
Non-party committee	24.4	21.4	37.9	26.3	9.7	13.2	17.3	16.5
Democrats	63.7	55.9	71.9	49.9	42.6	49.8	54.6	52.1
Republicans	49.4	43.4	71.0	49.3	42.4	49.6	49.7	47.4
Others	.8	.7	1.2	.8	.5	.6	.4	.4
Incumbents	46.6	40.9	72.5	50.3	30.0	35.1	38.5	36.7
Challengers	32.1	28.2	44.4	30.8	30.1	35.2	47.8	45.6
Open seats [2]	35.2	30.9	27.1	18.8	25.4	29.7	18.5	17.7
Total disbursements	**109.6**	**100.0**	**136.0**	**100.0**	**85.2**	**100.0**	**102.9**	**100.0**
Democrats	61.3	55.9	67.8	49.9	42.1	49.4	53.6	52.1
Republicans	47.5	43.3	67.1	49.3	42.6	50.0	48.9	47.5
Others	.8	.7	1.1	.8	.5	.6	.4	.4
Incumbents	43.1	39.3	65.7	48.3	30.2	35.4	37.8	36.7
Challengers	31.8	29.0	43.8	32.2	30.1	35.3	47.2	45.9
Open seats [2]	34.7	31.7	26.5	19.5	24.9	29.2	17.9	17.4

NA Not available. [1] Includes other types of receipts, not shown separately. [2] Elections in which an incumbent did not seek re-election.

Source: U.S. Federal Election Commission, *FEC Reports on Financial Activity, 1977-1978, Interim Report No. 5, U.S. Senate and House Campaigns,* June 1979 and *FEC Reports on Financial Activity, 1979-1980, Final Report, U.S. Senate and House Campaigns,* March 1982.

No. 811. Contributions to Congressional Campaigns by Political Action Committees (PAC) by Type of Committee: 1977 to 1980

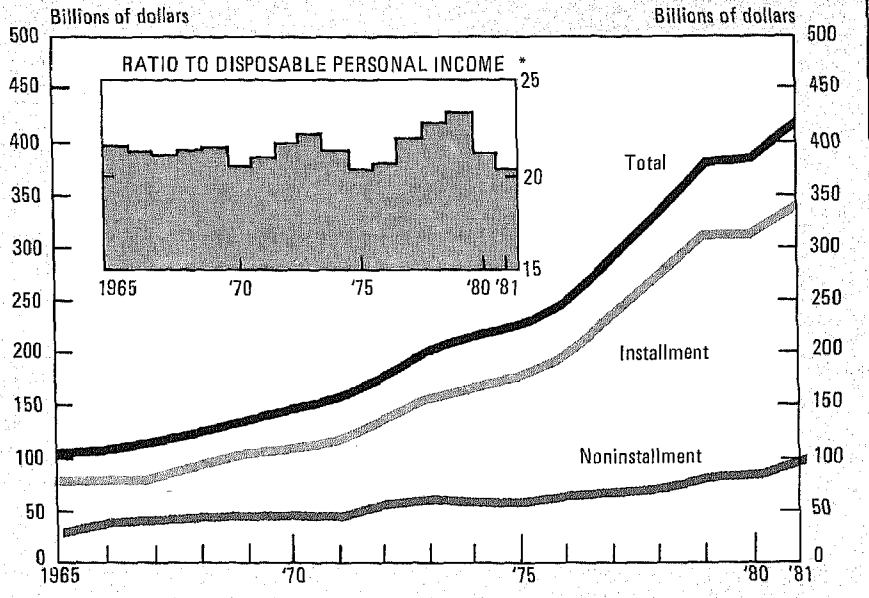
[**In millions of dollars.** Covers amounts given to candidates in primary, general, run-off, and special elections during the two year calendar period indicated]

ITEM	1977-1978					1979-1980				
	Total [1]	Corporate	Trade assoc. [2]	Labor	Non-connected [3]	Total [1]	Corporate	Trade assoc. [2]	Labor	Non-connected [3]
HOUSE OF REPRESENTATIVES										
Total contributions	**24.4**	**6.0**	**8.6**	**7.2**	**1.8**	**37.9**	**12.2**	**11.7**	**9.4**	**3.1**
Democrats	14.4	2.6	3.9	7.0	.4	20.5	4.7	5.1	8.9	.9
Republicans	10.0	3.4	4.7	.2	1.4	17.2	7.5	6.6	.4	2.1
Incumbents	14.7	3.8	5.2	4.6	.5	24.9	8.1	8.0	6.6	1.0
Challengers	4.6	1.1	1.5	1.2	.8	7.9	2.6	2.2	1.6	1.4
Open seats [4]	5.1	1.1	1.9	1.4	.5	5.1	1.5	1.5	1.2	.7
SENATE										
Total contributions	**9.7**	**3.5**	**2.6**	**2.7**	**.7**	**17.3**	**6.9**	**4.1**	**3.8**	**1.9**
Democrats	4.5	.9	.9	2.4	.2	8.3	2.1	1.9	3.4	.5
Republicans	5.2	2.6	1.7	.3	.5	9.0	4.8	2.2	.4	1.4
Incumbents	4.5	1.8	1.3	1.2	.2	8.6	2.7	2.2	2.7	.5
Challengers	3.0	.9	.7	.9	.3	6.6	3.3	1.4	.7	1.1
Open seats [4]	2.2	.8	.6	.6	.2	2.1	.9	.5	.4	.3

[1] Includes other types of political action committees not shown separately.
[2] Includes membership organizations and health organizations.
[3] Represents "ideological" groups as well as other issue groups not necessarily ideological in nature.
[4] Elections in which an incumbent did not seek re-election.

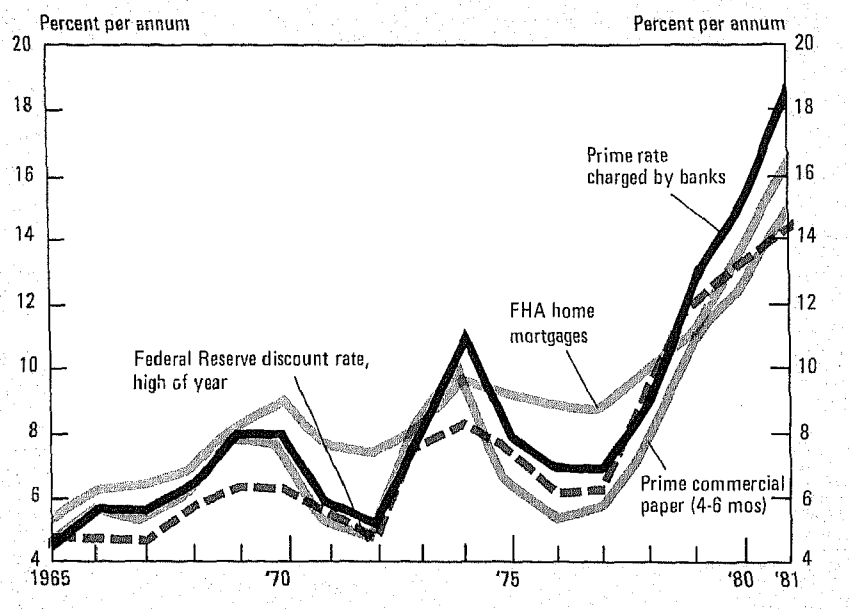
Source: U.S. Federal Election Commission, *FEC Reports on Financial Activity, 1977-1978, Interim Report No. 5, U.S. Senate and House Campaigns,* June 1979 and *FEC Reports on Financial Activity, 1979-1980, Final Report, U.S. Senate and House Campaigns,* March 1982.

Figure 17.1
Consumer Credit: 1965 to 1981

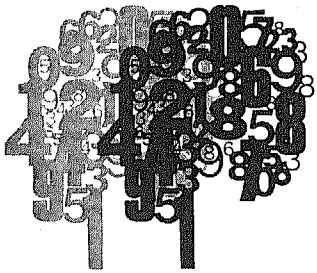


*Percent.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 844.

Figure 17.2
Money Market Rates: 1965 to 1981



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 852 and 855



Section 17

Banking, Finance, and Insurance

This section presents data on the Nation's finances, various types of financial institutions, money and credit, securities, and insurance. The primary sources of these data are publications of several departments of the Federal Government, especially the Treasury Department, and independent agencies such as the Federal Deposit Insurance Corporation, the Federal Reserve System, and the Securities and Exchange Commission. National data on insurance are available primarily from private organizations, such as the American Council of Life Insurance.

Flow of funds.—The flow of funds accounts of the Federal Reserve System (see tables 812 to 817) bring together statistics on all of the major forms of financial transactions and financial claims to present an economy-wide view of asset and liability relationships. In flow form, the accounts relate borrowing and lending to one another and to the nonfinancial activities that generate income and production. Each claim outstanding is included simultaneously as an asset of the lender and as a liability of the debtor. The accounts also indicate the balance between asset totals and liability totals over the economy as a whole. Several publications of the Board of Governors of the Federal Reserve System contain information on the flow of funds accounts: Summary data on flows, in the *Federal Reserve Bulletin, Flow of Funds Accounts* (quarterly), *Flow of Funds Accounts, Assets and Liabilities Outstanding, 1957–1980,* and *Annual Statistical Digest;* and concepts and organization of the accounts, in *Introduction to Flow of Funds* (June 1980).

Banking system.—Banks in this country are organized under the laws of both the States and the Federal Government and are regulated by several bank supervisory agencies. State-chartered banks are supervised by officials of the respective States. National banks are supervised by the Comptroller of the Currency. *Reports of Condition* have been collected from national banks since 1863. Summaries of these reports are published in the Comptroller's *Annual Report,* which also presents data on the structure of the national banking system.

The Federal Reserve System was established in 1913 to exercise central banking functions, some of which are shared with the U.S. Treasury. It includes national banks and such State banks as voluntarily join the System. Statements of State bank members are consolidated by the Board of Governors of the Federal Reserve System with data for national banks collected by the Comptroller of the Currency into totals for all member banks of the System. Balance sheet data for member banks and other commercial banks are published in condensed form in the *Federal Reserve Bulletin.*

The Federal Deposit Insurance Corporation (FDIC), established in 1933, insures each depositor up to $100,000 currently in banks that are members of the Federal Reserve System and in such nonmember banks as join the insurance fund. A balance sheet for all banks in the country is published in the FDIC's *Annual Report.* Major item balance sheets for all commercial banks are published monthly in the *Federal Reserve Bulletin.*

Savings and loan and other credit agencies.—Savings and loan associations, insurance companies, finance companies dealing primarily in installment sales financing, credit unions, and personal loan companies represent important sources of funds for the credit market. Savings and loan associations are primarily involved in credit extension in the form of mortgage loans. Statistics on savings and loan associations are collected by the Federal Home Loan Bank Board. Statistics on loans, investments, cash, etc., of life insurance companies are published principally by the American Council of Life Insurance in its *Life Insurance Fact Book.* Consumer credit data are published currently in the *Federal Reserve Bulletin.*

Federally chartered credit unions are under the supervision of the National Credit Union Administration, established in 1970. State-chartered credit unions are supervised by the respective State supervisory authorities. The Administration publishes comprehensive program and statistical information on all Federal and federally insured State credit unions in the *Annual Report of the National Credit Union Administration* and also publishes an *Annual Report* on the operations of all State-chartered credit unions. Deposit insurance (up to $100,000 per account) is provided to members of all Federal and those States credit unions that are federally-insured by the National Credit Union Share Insurance Fund which was established in 1970. Deposit insurance for State chartered credit unions is also available in some States under private or State-administered insurance programs.

Government corporations and credit agencies make available credit of specified types or to specified groups of private borrowers, either by lending directly or by insuring or guaranteeing loans made by private lending institutions. Data on operations of Government credit agencies, along with other Government corporations, are available in reports of individual agencies; data on their assets and liabilities are published in the *Treasury Bulletin*.

Currency.—Currency, including coin and paper money, represents more than one-fourth of all media of exchange in the United States, with most payments made by check. All currency is now issued by the Federal Reserve Banks.

"Currency and coin in circulation" (official *Statement of United States Currency and Coin)* refers to all coin and paper money issued by the Federal Reserve Banks, except gold and silver coin known to have been exported and, beginning with 1934, all gold coin. It includes all coin and paper money held by the public in the Unites States. It also includes cash in vaults of commercial and savings banks, currency irretrievably lost or destroyed by natural causes, and currency carried abroad by travelers.

Securities.—The Securities and Exchange Commission (SEC) was established in 1934 to protect the interests of the public and investors against malpractices in the securities and financial markets and to provide the fullest possible disclosure of information regarding securities to the investing public. Since its inception, the SEC has compiled a comprehensive monthly data series on new corporate securities offerings that covers substantially all new issues offered for cash sale in the United States in amounts over $100,000 and with terms to maturity of more than one year. This series is published monthly in the *SEC Monthly Statistical Review*.

Insurance.—Insuring companies, which are regulated by the various States or the District of Columbia, are classified as either life or property. Companies that underwrite accident and health insurance only and those that underwrite accident and health insurance in addition to one or more property lines are included with property insurance. Insuring companies, other than those classified as life, are permitted to underwrite one or more property lines provided they are so licensed and have the necessary capital or surplus.

There are a number of published sources for statistics on the various classes of insurance—life, health, fire, marine, and casualty. Individual States collect data on all insurers operating within their respective jurisdictions, and many of the States publish an annual insurance report giving individual company data and aggregates of certain items for the companies operating within the State. Organizations representing certain classes of insurers publish reports for these classes. Among them are the annual commercial publishers, such as The National Underwriter Company whose *Argus Chart* (annual) contains financial and operating data for individual health and accident insurance companies, including Blue Cross and Blue Shield Plans. The American Council of Life Insurance publishes statistics on life insurance purchases, ownership, benefit payments, and assets in its annual *Life Insurance Fact Book*.

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

No. 812. Flow of Funds Accounts—Financial Assets and Liabilities of Financial and Nonfinancial Institutions, by Sector and Type of Instrument: 1981

[In billions of dollars. As of Dec. 31. Preliminary. A=Assets; L=Liabilities, SDR=Special drawing rights, IMF=International Monetary Fund. RPs=Repurchase Agreements. "N.e.c."=Not elsewhere classified]

Type of instrument	Total A	Total L	Private domestic nonfinancial institutions: Total A	Total L	Households A	Households L	Business A	Business L	State and local govts. A	State and local govts. L
Financial assets	**11,454.4**	(x)	**6,041.0**	(x)	**4,686.7**	(x)	**1,114.5**	(x)	**239.8**	(x)
Liabilities	(x)	**9,976.9**	(x)	**4,004.7**	(x)	**1,599.9**	(x)	**2,042.0**	(x)	**362.8**
Gold stock and SDR's	76.0	-	-	-	-	-	-	-	-	-
IMF position	5.1	5.1	-	-	-	-	-	-	-	-
Official foreign exchange	9.8	9.8	-	-	-	-	-	-	-	-
Treasury currency	17.8	14.8	-	-	-	-	-	-	-	-
Checkable deposits and currency	460.7	496.4	388.6	-	290.3	-	92.0	-	6.2	-
Time and savings accounts	1,570.4	1,570.4	1,472.9	-	1,365.3	-	42.8	-	64.9	-
Fed. funds and security RP's	83.2	134.5	39.9	-	-	-	22.9	-	16.9	-
Money market fund shares	181.9	181.9	181.9	-	181.9	-	-	-	-	-
Foreign deposits	32.1	32.1	13.3	-	-	-	13.3	-	-	-
Life insurance reserves	232.6	232.6	232.6	-	232.6	-	-	-	-	-
Pension fund reserves	788.7	788.7	788.7	-	788.7	-	-	-	-	-
Interbank claims	27.3	11.2	-	-	-	-	-	-	-	-
Corporate equities [1]	1,496.4	64.0	1,084.2	-	1,084.2	-	-	-	-	-
Credit market instruments [2]	5,117.7	5,117.7	888.0	3,438.5	646.5	1,545.7	101.6	1,549.6	139.9	343.2
U.S. Treasury securities [3]	825.6	825.6	297.1	-	230.2	-	6.2	-	60.7	-
Federal agency securities [4]	322.4	322.4	116.4	-	83.2	-	1.8	-	31.5	-
State and local securities	361.9	361.9	99.7	361.9	89.1	-	3.5	27.5	7.1	334.4
Corporate and foreign bonds	528.7	528.7	76.5	390.1	76.5	-	-	390.1	-	-
Mortgages	1,544.8	1,544.8	170.8	1,536.0	130.2	1,039.0	-	497.1	40.6	-
Consumer credit	413.5	413.5	53.6	413.5	-	413.5	53.6	-	-	-
Bank loans, n.e.c.	507.7	507.7	-	416.2	-	27.6	-	388.6	-	-
Open-market paper	230.3	230.3	73.8	60.9	37.2	-	36.6	60.9	-	-
Security credit	59.6	59.6	16.2	21.6	16.2	21.6	-	-	-	-
Trade credit [5]	547.3	468.1	494.2	436.5	-	18.4	494.2	398.5	-	19.6
Taxes payable	11.1	19.1	11.9	9.7	-	-	-	9.7	11.9	-
Miscellaneous claims	736.7	770.8	428.6	98.4	81.0	14.2	347.6	84.1	-	-

Type of instrument	U.S. government A	U.S. government L	Financial institutions: Total [6] A	Total [6] L	Monetary authority A	Monetary authority L	Commercial banks A	Commercial banks L	Nonbank finance A	Nonbank finance L	Rest of the world A	Rest of the world L
Financial assets	**247.2**	(x)	**4,702.8**	(x)	**182.0**	(x)	**1,517.8**	(x)	**2,647.0**	(x)	**463.4**	(X)
Liabilities	(x)	**957.9**	(x)	**4,485.7**	(x)	**182.0**	(x)	**1,430.9**	(x)	**2,521.5**	(x)	**528.6**
Gold stock and SDR's	4.1	-	11.2	-	11.2	-	-	-	-	-	60.7	-
IMF position	5.1	-	(z)	-	(z)	-	-	-	-	-	-	5.1
Official foreign exchange	4.6	-	5.1	-	5.1	-	-	-	-	-	-	9.8
Treasury currency	-	14.8	17.8	-	17.8	-	-	-	-	-	-	-
Checkable deposits and currency	17.4	-	35.1	496.4	-	132.4	3.9	348.0	30.6	16.1	19.7	-
Time and savings accounts	.7	-	70.1	1,570.4	-	-	-	832.1	70.1	738.3	26.8	-
Fed. funds and security RP's	-	-	43.4	134.5	-	-	-	123.2	34.0	11.3	-	-
Money market fund shares	-	-	-	181.9	-	-	-	-	-	181.9	-	-
Foreign deposits	-	-	18.8	-	-	-	-	-	18.8	-	-	32.1
Life insurance reserves	-	9.4	-	223.2	-	-	-	-	-	223.2	-	-
Pension fund reserves	-	86.2	-	702.5	-	-	-	-	-	702.5	-	-
Interbank claims	-	-	47.2	11.2	3.4	43.9	43.9	−32.6	-	-	−20.0	-
Corporate equities [1]	-	-	348.0	64.0	-	-	.1	-	348.0	64.0	64.1	-
Credit market instruments [2]	187.6	830.1	3,843.2	614.9	140.5	-	1,343.4	57.4	2,018.4	239.3	199.0	234.2
U.S. Treasury securities [3]	-	825.6	387.1	-	131.0	-	113.1	-	141.1	-	141.4	-
Federal agency securities [4]	-	4.1	205.9	318.3	9.4	-	70.7	-	124.8	-	-	-
State and local securities	-	-	262.2	-	-	-	154.2	-	108.1	-	-	-
Corporate and foreign bonds	-	-	430.2	85.3	-	-	7.6	6.2	422.5	60.9	22.0	53.4
Mortgages	47.0	.4	1,326.9	8.3	-	-	286.6	-	798.9	8.3	-	-
Consumer credit	-	-	360.0	-	-	-	185.6	-	174.3	-	-	-
Bank loans, n.e.c.	-	-	507.7	30.3	-	-	507.7	-	-	30.3	-	61.2
Open-market paper	-	-	121.0	107.6	.2	-	17.7	33.0	102.4	74.6	35.5	61.9
Security credit	-	-	43.4	38.0	-	-	26.2	-	17.2	38.0	-	-
Trade credit [5]	17.7	17.3	17.4	-	-	-	-	-	17.4	-	18.0	14.3
Taxes payable	−.8	-	-	9.4	-	-	-	1.8	-	7.5	-	-
Miscellaneous claims	10.8	(z)	202.2	439.3	4.1	5.8	100.4	101.2	92.6	299.3	95.1	233.1

- Represents zero. X Not applicable. Z Less than $50 million. [1] Assets shown at market value; nonbank finance liability is redemption value of shares of open-end investment companies. No specific liability attributed to issuers of stocks other than open-end investment companies for amounts outstanding. [2] Includes "Other loans," not shown separately. [3] Includes savings bonds and other nonmarketable debt held by public. [4] Issues by agencies in the budget and by sponsored credit agencies in financial sectors, issues backed by mortgage pools, and loan participation certificates. [5] Asset is corporate only; noncorporate credit deducted in liability total to conform to quarterly flow tables. [6] Includes federally sponsored credit agencies and mortgage pools, not shown separately.

Source: Board of Governors of the Federal Reserve System, *Annual Statistical Digest.*

No. 813. Flow of Funds Accounts—Financial Assets of Financial and Nonfinancial Institutions, by Holder Sector: 1960 to 1981

[In billions of dollars. As of Dec. 31. See also *Historical Statistics, Colonial Times to 1970*, series X 192, X 229, X 821, and X 835]

SECTOR	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
All sectors	**1,997.6**	**2,978.9**	**5,149.2**	**5,366.9**	**6,010.2**	**6,751.3**	**7,350.3**	**8,265.1**	**9,365.2**	**10,662.3**	**11,454.4**
Households	973.2	1,466.4	2,388.4	2,203.8	2,559.2	2,901.0	3,070.1	3,369.6	3,834.1	4,493.6	4,686.7
Nonfinancial business	210.9	292.2	499.2	566.0	610.0	668.6	725.7	824.5	951.2	1,040.2	1,114.5
Farm	7.6	8.5	12.4	13.9	14.8	16.3	18.1	20.2	22.2	24.5	26.8
Nonfarm noncorporate	21.6	25.0	31.3	35.4	37.5	40.9	44.4	48.8	53.6	57.3	63.2
Nonfinancial corporations	181.7	258.8	455.5	516.7	557.6	611.5	663.2	755.5	875.3	958.3	1,024.5
U.S. Government	54.4	70.9	93.8	104.0	120.2	141.6	150.5	175.6	198.3	225.3	247.2
U.S. Government-sponsored credit agencies and mortgage pools	11.7	19.6	65.5	109.3	121.5	138.4	161.9	203.9	259.5	306.5	355.0
State and local government	33.1	50.1	95.3	120.2	122.6	133.6	156.5	176.7	196.0	216.0	239.8
Monetary authorities	52.6	63.5	97.6	113.4	124.6	134.5	143.0	156.2	166.7	173.8	182.0
Commercial banking	228.3	340.7	640.7	799.9	834.3	905.5	1,002.9	1,146.8	1,274.5	1,386.3	1,517.8
Nonbank finance	370.0	588.4	1,077.2	1,128.3	1,283.1	1,465.3	1,640.0	1,853.8	2,088.0	2,381.4	2,647.0
Savings and loan association	71.5	129.6	243.1	295.5	338.2	391.9	459.2	523.6	579.3	629.8	663.8
Life insurance	115.8	154.2	232.4	255.0	279.7	311.1	339.8	378.3	420.4	469.8	506.6
Other insurance	26.2	36.5	67.5	67.8	77.3	93.9	113.2	133.9	154.9	180.1	194.5
Private pension funds	38.1	73.6	156.1	115.5	146.8	171.9	178.3	198.3	222.0	266.8	293.2
Government retirement funds [1]	19.7	34.1	80.6	86.0	104.8	120.4	132.5	153.9	169.7	198.1	221.3
Finance companies	27.6	44.7	79.2	96.0	99.1	111.2	133.8	157.5	184.5	198.6	225.4
Mutual savings banks	41.0	59.1	101.5	109.1	121.1	134.8	147.3	158.2	163.3	171.5	175.2
Credit unions	6.3	11.0	24.6	31.1	36.9	43.3	51.6	58.4	61.9	69.2	73.3
Investment companies	17.0	35.2	56.9	35.2	43.0	46.5	45.5	46.1	51.8	63.7	64.0
Money market funds	–	–	–	2.4	3.7	3.7	3.9	10.8	45.2	74.4	181.9
Security brokers and dealers	6.7	10.3	21.9	15.2	18.5	26.8	27.7	28.0	28.2	33.5	41.8
Real estate investment trusts	–	–	11.4	17.5	14.0	9.8	7.2	6.8	6.7	5.8	5.9
Rest of the world	63.3	87.1	191.4	222.0	234.7	262.8	299.7	358.0	396.9	439.2	463.4

– Represents zero. [1] State and local government.

No. 814. Flow of Funds Accounts—Assets and Liabilities of Households, by Type of Instrument: 1960 to 1981

[As of December 31. See also *Historical Statistics, Colonial Times to 1970*, series X 114–147]

TYPE OF INSTRUMENT	TOTAL (bil. dol.)							PERCENT DISTRIBUTION		
	1960	1965	1970	1975	1979	1980	1981	1960	1970	1981
Total financial assets	**973.2**	**1,466.4**	**2,388.4**	**2,559.2**	**3,834.1**	**4,493.6**	**4,686.7**	**100.0**	**100.0**	**100.0**
Deposit and market instrument [1]	387.3	550.6	972.9	1,321.4	2,037.9	2,241.3	2,483.9	39.8	40.7	53.0
Checkable deposits and currency	73.3	88.7	142.6	170.7	252.6	268.0	290.3	7.5	6.0	6.2
Small time and savings accounts	163.3	284.3	541.9	710.6	1,049.2	1,130.5	1,172.0	16.8	22.7	25.0
Money market fund shares	–	–	–	3.7	45.2	74.4	181.9	–	–	3.9
Large time deposits	.7	4.1	26.3	60.4	113.9	163.9	193.2	.1	1.1	4.1
Credit market instruments	150.0	173.5	262.0	376.1	576.9	604.5	646.5	15.4	11.0	13.8
U.S. Government securities	73.8	79.7	93.9	152.1	262.3	282.8	313.4	7.6	3.9	6.7
Treasury issues	71.5	76.0	79.6	132.4	204.5	215.3	230.2	7.3	3.3	4.9
Savings bonds	45.6	49.7	57.7	67.4	79.9	72.5	68.2	4.7	2.4	1.5
Other Treasury	25.9	26.3	21.9	65.0	124.6	142.8	162.0	2.7	.9	3.5
Agency issues	2.3	3.7	14.3	19.7	57.8	67.5	83.2	.2	.6	1.8
State and local obligations	30.8	36.4	48.4	68.1	71.5	74.2	89.1	3.2	2.0	1.9
Corporate and foreign bonds	10.0	9.5	53.1	69.0	83.3	86.9	76.5	1.0	2.2	1.6
Mortgages	33.4	42.2	60.5	71.9	114.4	122.5	130.2	3.4	2.5	2.8
Open-market paper	2.0	5.6	6.2	15.1	45.4	38.2	37.2	.2	.3	.8
Corporate equities	395.5	635.6	913.2	660.5	911.3	1,215.6	1,084.2	40.6	38.2	23.1
Mutual fund shares	17.0	35.2	58.9	43.0	51.8	63.7	64.0	1.7	2.5	1.4
Other corporate equities	378.4	600.4	854.2	617.5	859.6	1,151.8	1,020.2	38.9	35.8	21.8
Life insurance reserves	85.2	105.9	143.7	166.6	211.1	222.5	232.6	8.8	6.0	5.0
Pension fund reserves	90.8	154.8	322.3	365.7	598.6	727.1	788.7	9.3	13.5	16.8
Security credit	1.1	2.5	5.0	4.5	8.5	12.6	16.2	.1	.2	.3
Miscellaneous assets	13.3	17.0	31.3	40.6	66.7	74.4	81.0	1.4	1.3	1.7
Total liabilities	**228.2**	**356.9**	**621.1**	**801.0**	**1,380.5**	**1,493.5**	**1,599.9**	**100.0**	**100.0**	**100.0**
Credit market instruments	218.3	343.4	591.0	771.7	1,335.4	1,439.9	1,545.7	95.7	95.2	96.6
Mortgages	145.8	227.8	379.5	503.4	886.0	971.3	1,038.9	63.9	61.1	64.9
Installment consumer credit	45.1	73.9	133.2	172.3	311.4	312.8	333.4	19.8	21.4	20.8
Other consumer credit	20.1	29.3	44.5	50.9	71.3	72.2	80.2	8.8	7.2	5.0
Bank loans, n.e.c. [2]	1.2	2.5	10.1	13.7	20.8	28.8	27.6	.5	1.6	1.7
Other loans	6.3	10.0	23.6	31.5	45.9	54.8	65.6	2.8	3.8	4.1
Security credit	5.4	9.1	17.5	12.1	18.6	23.7	21.6	2.4	2.8	1.4
Trade credit	2.1	3.0	6.6	9.4	14.8	16.9	18.4	.9	1.1	1.2
Unpaid life insurance premiums [3]	2.4	3.3	6.0	7.7	11.7	12.9	14.2	1.1	1.0	.9

– Represents zero. [1] Excludes corporate equities. [2] "N.e.c." means not elsewhere classified. [3] Includes deferred premiums.

Source of tables 813 and 814: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts, Assets and Liabilities Outstanding, 1957–1980;* and *Annual Statistical Digest.*

No. 815. Flow of Funds Accounts—Assets and Liabilities of Private Nonbank Financial Institutions, by Type of Transaction: 1981

[In billions of dollars. As of Dec. 31. Preliminary. A=Assets; L=Liabilities; "N.e.c."=Not elsewhere classified]

Type of instrument	Total [1]		Mutual savings banks		Savings and loan associations		Insurance companies		Pension funds [2]		Finance companies		Money market funds	
	A	L	A	L	A	L	A	L	A	L	A	L	A	L
Financial assets	**2,647.0**	(x)	**175.2**	(x)	**663.8**	(x)	**701.1**	(x)	**514.5**	(x)	**225.4**	(x)	**181.9**	(x)
Liabilities	(x)	**2,521.5**	(x)	**165.6**	(x)	**635.5**	(x)	**615.4**	(x)	**514.5**	(x)	**230.8**	(x)	**181.9**
Checkable deposits	30.6	16.1	5.1	3.9	3.6	8.8	6.4	-	7.4	-	4.8	-	-.5	-
Time and savings accounts	70.1	798.3	.3	152.4	6.8	522.3	-	-	12.0	-	-	-	43.9	-
Fed. funds, security RP's	34.0	11.3	5.2	-	14.2	11.3	-	-	-	-	-	-	14.5	-
Money market fund shares	-	181.9	-	-	-	-	-	-	-	-	-	-	-	181.9
Foreign deposits	18.8	-	-	-	-	-	-	-	-	-	-	-	18.8	-
Reserves:														
Life insurance	-	223.2	-	-	-	-	-	223.2	-	-	-	-	-	-
Pension fund	-	702.5	-	-	-	-	-	188.0	-	514.5	-	-	-	-
Corporate equities	348.0	64.0	3.2	-	-	-	80.8	-	214.9	-	-	-	-	-
Credit market instruments	2,018.4	239.3	155.7	-	596.8	79.8	564.4	-	273.6	-	220.5	153.1	102.3	-
Securities:														
U.S. Treasury	141.1	-	5.4	-	8.0	-	26.8	-	57.9	-	-	-	31.9	-
Federal agency	124.8	-	18.4	-	45.9	-	23.1	-	30.7	-	-	-	-	-
State and local	108.1	-	2.3	-	1.3	-	90.0	-	4.0	-	-	-	-	-
Corporate and foreign bonds	422.5	60.9	20.2	-	-	3.2	218.7	-	164.5	-	-	57.0	-	-
Mortgages	798.9	8.3	100.0	-	518.4	6.4	140.3	-	16.6	-	15.8	-	-	-
Consumer credit	174.3	-	4.0	-	17.2	-	-	-	-	-	107.2	-	-	-
Bank loans, n.e.c.	-	30.3	-	-	-	5.0	-	-	-	-	-	22.1	-	-
Open market paper	102.4	74.6	5.5	-	6.1	-	16.7	-	-	-	-	74.1	70.4	-
Other loans	146.3	65.2	-	-	-	65.2	48.7	-	-	-	97.5	-	-	-
Security credit	17.2	38.0	-	-	-	-	-	-	-	-	-	-	-	-
Trade credit	17.4	-	-	-	-	-	17.4	-	-	-	-	-	-	-
Taxes payable	-	7.5	-	-	-	.9	-	5.0	-	-	-	1.2	-	-
Miscellaneous	92.6	299.3	5.6	9.3	42.4	12.3	32.2	199.2	6.6	-	-	76.5	2.9	-

- Represents zero or rounds to zero. X Not applicable. [1] Includes credit unions, mutual funds, real estate investment trusts, and security brokers and dealers not shown separately. [2] Retirement funds of State and local governments and private pension plans.

No. 816. Flow of Funds Accounts—Credit Market Debt Outstanding: 1960 to 1981

[In billions of dollars. As of Dec. 31. "N.e.c."=Not elsewhere classified]

Item	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
Credit market debt	**779.9**	**1,108.6**	**1,946.0**	**2,407.8**	**2,620.4**	**2,907.2**	**3,288.8**	**3,758.4**	**4,234.8**	**4,651.7**	**5,117.7**
Government	308.3	365.5	522.2	570.1	669.2	753.9	828.0	902.6	958.3	1,062.9	1,173.3
Federal	236.3	262.4	340.8	360.8	446.3	515.8	572.5	626.2	663.6	742.8	830.1
State and local	72.0	103.1	181.4	209.2	222.9	238.2	255.5	276.4	294.8	320.1	343.2
Non-government	471.6	743.1	1,423.8	1,837.8	1,951.2	2,153.3	2,460.8	2,855.9	3,276.5	3,588.8	3,944.4
Financial [1]	30.2	59.1	154.4	235.9	245.0	268.8	316.4	391.5	474.1	534.7	614.9
Sponsored credit agencies [2]	7.9	14.2	43.5	77.1	80.3	83.3	88.2	111.3	135.5	159.9	190.0
Mortgage pools	.2	.9	14.4	21.5	28.5	40.7	56.8	70.4	95.4	114.0	128.3
Commercial banks [3]	-	1.6	10.9	18.7	19.5	25.6	28.1	35.4	42.1	49.2	57.4
Savings and loan associations	3.4	8.7	15.7	26.5	24.2	24.3	34.2	48.5	59.9	66.7	79.8
Finance companies	18.7	33.8	61.1	76.2	76.7	81.2	97.9	116.2	132.8	138.7	153.1
Foreign	22.9	37.0	60.6	79.8	91.2	110.6	124.2	162.2	182.3	209.5	234.2
Private domestic nonfinancial	418.5	647.0	1,208.7	1,522.1	1,614.9	1,774.0	2,020.1	2,302.3	2,620.0	2,844.6	3,095.3
Corporations [1]	154.3	224.3	457.6	601.3	634.4	686.9	768.7	859.8	971.9	1,062.1	1,177.3
Bonds	75.3	97.8	198.9	231.2	261.0	286.3	312.1	335.9	360.6	393.5	417.6
Mortgages	33.4	54.3	109.2	140.9	152.2	164.3	184.0	206.0	228.8	248.9	268.4
Bank loans, n.e.c	37.9	61.6	120.6	181.3	172.0	175.8	196.4	226.5	269.7	296.5	342.7
Finance company loans	5.6	7.6	18.2	28.1	31.9	40.3	53.8	65.3	75.4	78.5	87.2
Individuals	264.2	422.8	751.1	920.8	980.6	1,087.0	1,251.4	1,442.4	1,648.1	1,782.5	1,918.0
By sector:											
Households	218.3	343.4	591.0	722.4	771.7	862.3	1,001.7	1,164.5	1,335.4	1,439.9	1,545.7
Farm	20.0	32.3	57.2	74.7	83.2	93.4	105.7	120.6	141.5	156.0	172.4
Nonfarm noncorporate	25.9	47.0	102.9	123.7	125.7	131.4	144.0	157.3	171.2	186.5	200.0
By type of instrument:											
Mortgages	173.1	277.0	484.5	595.5	641.1	714.2	823.9	949.3	1,085.2	1,186.6	1,267.7
Consumer credit	65.1	103.2	177.6	213.6	223.2	248.6	288.8	336.4	382.7	385.0	413.5
Policy loans	5.7	8.3	19.0	23.9	25.5	26.9	28.6	31.2	35.9	42.6	50.0
Bank loans, n.e.c.	10.1	16.7	37.7	46.8	45.3	45.7	51.9	57.1	61.4	71.8	73.5
Other loans	10.3	17.5	32.3	40.9	45.4	51.6	58.2	68.4	82.9	96.4	113.3

- Represents zero. [1] Includes other types, not shown separately. [2] U.S. Government. [3] Includes bank affiliates.

Source of tables 815 and 816: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts, Assets and Liabilities Outstanding, 1957-1980;* and *Annual Statistical Digest.*

NO. 817. FLOW OF FUNDS ACCOUNTS—CREDIT MARKET SUPPLY OF FUNDS: 1960 TO 1981

[In billions of dollars. As of December 31. Excludes corporate equities. See also *Historical Statistics, Colonial Times to 1970*, series X 64-105]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
Credit market debt claims against nonfinancial sectors	**749.7**	**1,049.5**	**1,791.6**	**2,172.0**	**2,375.4**	**2,636.5**	**2,972.3**	**3,367.0**	**3,760.7**	**4,117.0**	**4,502.8**
Public agency and foreign holdings	78.0	114.1	258.7	339.1	378.8	428.6	507.9	609.8	684.8	776.8	868.0
U.S. Government securities	39.4	56.0	127.2	146.0	164.0	187.1	221.9	258.0	251.8	267.4	284.6
Residential mortgages [1]	10.2	13.6	50.3	85.6	97.3	107.7	132.0	170.2	217.0	255.3	294.2
Other loans and securities	28.4	44.5	81.2	107.5	117.4	133.9	154.0	181.6	215.9	254.1	289.1
Agency debt excluded from total [2]	8.1	15.1	57.9	98.6	108.9	124.0	145.0	181.7	230.9	273.9	318.3
Private domestic holdings [3]	679.8	950.4	1,590.8	1,931.5	2,105.4	2,333.8	2,609.4	2,936.8	3,306.8	3,614.1	3,953.1
U.S. Government securities	203.7	219.3	270.2	311.6	388.5	450.5	494.7	549.1	642.0	748.7	863.3
State and local obligations	70.8	100.3	176.5	207.7	223.8	239.5	261.4	287.5	309.3	336.1	361.9
Corporate and foreign bonds	80.4	106.1	211.3	242.3	275.1	305.6	327.8	350.2	374.2	400.4	421.4
Residential mortgages	153.4	248.9	405.2	481.8	506.0	561.5	645.2	737.3	822.2	881.1	926.4
Other mortgages and loans	173.5	281.8	535.6	710.0	729.8	792.6	900.4	1,047.5	1,201.0	1,296.8	1,445.3
Private financial intermediation:											
Claims held by institutions [4]	496.2	752.2	1,327.9	1,618.0	1,743.0	1,934.4	2,197.0	2,499.3	2,789.5	3,059.2	3,361.8
Commercial banking	196.9	300.6	568.3	719.7	749.1	808.7	896.3	1,025.0	1,143.9	1,243.6	1,343.4
Savings institutions	109.8	184.0	339.8	400.3	453.2	523.7	605.8	679.2	735.1	793.0	817.4
Insurance and pension funds	159.6	218.7	322.2	375.7	416.3	466.0	535.0	610.0	676.4	756.2	838.0
Sources of funds:											
Domestic deposits [5]	279.6	437.4	809.1	973.9	1,068.1	1,192.6	1,330.7	1,471.6	1,612.4	1,788.1	1,993.8
Credit market debt	22.1	44.0	96.5	137.3	136.2	144.8	171.4	209.8	243.2	260.8	296.6
Insurance and pension reserves	133.4	181.5	260.8	312.8	341.5	374.1	425.6	484.2	531.6	591.2	661.1
Private domestic nonfinancial investors:											
Credit market claims [4]	205.7	242.2	359.4	450.7	498.6	544.2	583.8	649.3	760.5	815.6	868.0
U.S. Government securities	105.4	114.6	133.5	171.4	196.8	213.7	236.4	272.0	336.2	368.8	413.6
State and local obligations	35.9	43.2	54.4	69.1	77.5	80.8	80.0	79.9	81.4	84.1	99.7
Corporate and foreign bonds	10.0	9.5	53.1	60.1	69.0	80.7	75.7	72.8	83.3	86.9	76.5
Open-market paper	2.8	7.0	20.4	36.0	34.7	36.6	46.2	62.7	74.1	70.7	73.8
Deposits and currency [4]	309.3	475.4	869.2	1,047.0	1,148.2	1,281.6	1,429.4	1,581.8	1,732.1	1,918.9	2,134.0
Small time and savings deposits	163.3	284.3	541.9	614.2	711.5	835.2	928.6	992.1	1,053.0	1,133.9	1,175.5
Money market fund shares	-	-	-	2.4	3.7	3.7	3.9	10.8	45.2	74.4	181.9
Large time deposits	8.2	25.2	75.4	143.9	129.9	117.9	143.8	190.4	210.3	260.5	297.4
Checkable deposits	108.1	127.2	189.1	201.9	211.3	221.8	238.2	254.5	273.6	282.3	299.2
Currency	29.5	37.2	57.9	68.1	74.3	81.6	89.9	99.2	107.1	117.4	126.9

- Represents zero. [1] Includes Federal Home Loan Bank advances to savings and loan associations. [2] Debt of sponsored agencies and mortgage pool securities are excluded from debt of nonfinancial sectors but included in holdings of debt claims below. [3] Claims held by private financial institutions, less sources of funds of credit market debt, plus private domestic nonfinancial investors credit market claims, less FHLB advances. [4] Includes other types, not shown separately. [5] Includes repurchase agreements.

Source: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts, Assets and Liabilities Outstanding, 1957–1980;* and *Annual Statistical Digest.*

NO. 818. USES AND SOURCES OF FUNDS—SUMMARY: 1960 TO 1981

[In billions of dollars, except percent. See tables 812–817 for related data on financial flows]

USE AND SOURCE	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
Uses, funds raised	**39.9**	**66.8**	**95.1**	**187.2**	**200.8**	**263.2**	**336.1**	**390.5**	**379.4**	**353.7**	**382.6**
Investment funds	28.2	45.6	69.6	114.1	119.1	143.8	189.1	214.2	217.9	207.3	177.0
Short-term funds	13.8	23.1	18.6	62.9	3.6	60.0	95.5	129.5	131.5	70.7	125.2
U.S. securities, privately held	−2.2	−1.9	6.9	10.2	78.1	59.4	51.5	46.8	29.9	75.7	80.4
Less: Financial intermediaries, funds raised	*3.3*	*7.9*	*12.4*	*24.0*	*5.8*	*15.5*	*28.4*	*47.3*	*50.5*	*37.7*	*65.2*
Sources, gross funds supplied	**43.2**	**74.7**	**107.6**	**211.2**	**206.6**	**278.7**	**364.6**	**437.8**	**429.9**	**391.3**	**447.8**
Commercial banks	9.5	28.5	37.1	64.6	31.5	66.3	89.9	125.9	120.3	100.5	99.8
Percent of funds supplied	22.0	38.2	34.5	30.6	15.2	23.8	24.7	28.8	28.0	25.7	22.3
Insurance companies	6.5	9.7	13.0	19.6	25.0	39.2	48.6	53.0	50.9	48.0	49.9
Private noninsured pension funds	3.7	5.8	7.7	7.9	14.1	12.5	16.5	16.0	15.9	20.8	23.6
State and local government retirement funds	2.1	3.3	6.1	8.0	11.5	12.4	13.9	14.9	20.0	24.7	27.0
Savings and loan associations	7.3	9.6	12.7	19.7	36.2	51.8	65.1	56.2	51.3	43.9	24.4
Mutual savings banks	1.5	4.0	4.1	3.4	10.9	12.5	11.7	7.8	5.5	5.2	.4
Credit unions	.6	1.1	1.6	3.0	5.0	6.6	8.2	8.3	1.9	−3.4	.8
Investment companies	1.1	1.9	1.9	2.0	3.1	1.4	2.9	5.0	21.8	22.1	76.2
Other financial intermediaries	3.2	5.0	3.7	4.3	−.1	10.1	19.7	20.8	22.1	13.6	20.7
Business	−2.9	1.5	4.1	13.1	12.9	15.6	13.6	19.1	19.6	9.1	26.8
Government	2.3	3.8	10.7	16.4	21.4	14.9	13.8	28.5	33.5	39.3	36.8
Foreign investors	1.8	−.2	10.5	12.2	10.4	17.9	42.2	40.4	−4.6	25.4	21.3
Individuals and others	6.5	.6	−5.6	36.9	24.7	17.4	18.5	41.8	71.6	42.0	40.1
Total net sources	**39.9**	**66.8**	**95.1**	**187.2**	**200.8**	**263.2**	**336.1**	**390.5**	**379.4**	**353.7**	**382.6**

Source: Donald Woolley and Beverly Lowen, *Credit and Capital Markets, 1981,* Bankers Trust Company, New York, N.Y.

No. 819. Federal Reserve Banks—Assets, Liabilities, and Capital Accounts: 1960 to 1981

[**In billions of dollars.** As of **December 31.** See also *Historical Statistics, Colonial Times to 1970*, series X 796–805]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981
Assets	**53.0**	**62.7**	**85.9**	**103.1**	**110.8**	**120.4**	**129.3**	**137.8**	**151.1**	**160.8**	**168.5**	**174.8**
U.S. Government securities [1]	27.4	40.8	62.1	80.5	[2]85.7	[2]94.1	[2]104.1	[2]111.3	118.6	126.2	130.6	140.4
Gold certificate reserves	17.5	13.4	10.5	11.5	11.7	11.6	11.6	11.7	11.7	11.1	11.2	11.2
Special drawing rights	(x)	(x)	.4	.4	.4	.5	1.2	1.3	1.3	1.8	2.5	3.3
Coin and collection items	7.7	7.0	11.4	8.2	8.6	9.2	8.2	9.9	13.2	14.0	12.9	8.9
Loans and acceptances	.1	.3	.4	1.3	1.3	1.4	1.0	1.2	1.8	2.1	2.6	1.8
Other assets	.3	1.1	1.1	1.2	3.2	3.3	3.2	2.4	4.5	5.6	8.7	9.2
Liabilities and capital accounts	**53.0**	**62.7**	**85.9**	**103.1**	**110.8**	**120.4**	**129.3**	**137.8**	**151.1**	**160.8**	**168.5**	**174.8**
Federal Reserve notes	28.4	37.1	50.3	64.3	70.9	77.2	83.7	93.2	103.3	113.3	124.2	131.9
Deposits	18.3	19.6	26.7	31.3	30.6	34.8	37.3	35.6	37.0	35.7	31.5	30.8
Deferred availability cash items	4.9	4.7	6.9	4.9	6.3	5.5	5.2	5.8	6.5	6.8	8.1	6.8
Other, and accrued dividends	(z)	.2	.6	1.0	1.1	1.1	1.1	1.2	2.1	2.7	2.3	2.7
Capital accounts	1.2	1.1	1.4	1.7	1.8	1.9	2.0	2.1	2.2	2.3	2.4	2.6

X Not applicable. Z Less than $50 million. [1] Beginning 1970, includes securities loaned, fully secured by U.S. Government securities pledged with Federal Reserve banks. [2] Excludes securities sold and scheduled to be bought back under matched sale-purchase transactions.

No. 820. Federal Reserve Member Banks—Revenue and Expenses: 1960 to 1981

[Includes one member bank in the Virgin Islands. Beginning 1970, data not comparable with prior years]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981 [1]
Member banks	Number	6,256	6,220	5,769	5,737	5,782	5,790	5,760	5,669	5,564	5,425	5,422	5,475
Current revenue	Bil. dol.	8.9	13.8	27.9	41.7	53.8	51.4	63.6	70.5	89.1	118.9	150.6	196.6
Expenses	Bil. dol.	6.0	10.9	22.2	35.0	46.8	44.4	55.9	61.7	77.8	105.8	136.5	181.9
Net current earnings	Bil. dol.	2.9	3.6	5.7	6.7	7.0	7.0	7.7	8.8	11.3	13.1	14.2	14.7
Net income	Bil. dol.	1.7	2.1	3.8	5.0	5.4	5.5	5.9	6.6	7.8	9.2	9.9	10.6
Cash dividends declared	Bil. dol.	.7	1.1	1.8	2.0	2.3	2.5	2.5	2.6	2.9	3.5	3.9	4.4
Capital accounts [1]	Bil. dol.	16.7	23.8	33.0	42.9	46.2	50.0	50.6	56.6	61.5	67.1	73.7	80.9
Ratios to avg. capital accounts:													
Net current earnings	Percent	17.4	12.2	17.4	15.6	15.2	13.9	15.2	15.6	18.4	19.5	19.2	18.2
Net income	Percent	10.1	8.8	11.6	11.7	11.6	11.1	11.5	11.7	12.8	13.7	13.4	13.1
Cash dividends declared	Percent	4.2	4.6	5.3	4.7	4.9	5.0	4.8	4.8	4.8	5.2	5.3	5.5

[1] Averages of amounts reported for varying call dates; for details, see source.

Source of tables 819 and 820: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 821. Federal Reserve System—Reserves of Depository Institutions: 1965 to 1981

[**In billions of dollars.** As of **December**; averages of daily figures]

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981
Factors supplying reserve funds:											
Federal Reserve bank credit outstanding [1]	43.9	66.7	85.6	94.0	99.7	107.6	116.4	129.3	140.0	143.3	151.9
U.S. Government securities [2]	40.9	61.7	79.7	86.7	92.1	100.3	107.9	117.3	126.3	127.9	137.8
Float	2.3	3.6	3.4	2.7	3.0	3.6	5.3	7.4	6.5	5.8	3.4
Other Federal Reserve assets	.5	1.4	2.4	4.6	4.5	3.2	3.1	4.6	7.2	9.6	10.7
Gold stock	13.8	11.1	11.6	11.6	11.6	11.6	11.7	11.6	11.1	11.2	11.2
Special drawing rights accounts	(x)	.4	.4	.4	.5	1.2	1.2	1.3	1.8	3.3	3.3
Treasury currency outstanding	5.6	7.1	8.7	9.2	10.1	10.9	11.4	11.8	12.9	13.4	13.7
Factors absorbing reserve funds:											
Currency in circulation	42.2	57.0	71.6	79.0	35.8	93.7	102.9	113.4	123.8	135.7	143.7
Treasury cash holdings	.8	.4	.3	.2	.5	.5	.4	.3	.4	.4	.4
Deposits with Federal Reserve banks [3]	1.1	1.7	3.0	3.0	5.1	7.4	6.6	5.0	3.6	3.5	3.9
Other Federal Reserve accounts	.4	2.3	2.9	3.3	3.2	3.2	3.7	4.3	5.3	4.9	5.9
Reserve balances	22.7	29.3	[4]35.1	36.9	[4]35.0	[4]35.1	[4]36.5	41.6	44.1	40.1	41.9
With Federal Reserve banks [5]	18.7	23.9	28.4	29.8	27.2	26.4	27.1	31.2	32.6	26.7	26.2
Currency and coin	4.0	5.3	6.6	7.2	7.8	8.5	9.4	10.3	11.3	13.3	15.8
Required reserves	22.3	29.0	34.8	36.6	34.7	35.0	36.3	41.4	43.6	40.1	41.6
Excess reserves	.5	.3	[4].3	.3	.3	.2	.2	.1	.5	(z)	.3
Free reserves [6]	(−z)	(−z)	−1.0	−.4	.1	.1	−.4	−.7	−1.0	−1.6	−.3

X Not applicable. Z Less than $50 million. [1] Includes industrial loans and acceptances, when held. [2] Includes Federal agency obligations. [3] Other than member bank reserves. [4] Includes $81 million for 1973 of reserve deficiencies for which Federal Reserve banks are allowed to waive penalties for a transition period. Transition period ended after second quarter 1974. Beginning with week ending Nov. 19, 1975, adjusted to include waivers of penalties for reserve deficiencies. [5] Beginning 1979, includes reserves of all depository institutions. [6] Excess less borrowings.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly, and *Annual Statistical Digest*.

No. 822. Banking Offices, by Deposit Insurance Status: 1960 to 1981

[As of **December 31.** Includes Puerto Rico and outlying areas. See also *Historical Statistics, Colonial Times to 1970,* series X 716-724]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
All banking offices	**25,105**	**30,958**	**37,166**	**45,308**	**47,239**	**48,653**	**50,695**	**52,608**	**54,928**	**57,232**	**59,350**
Commercial bank, total	24,103	29,736	35,585	43,186	44,917	46,100	47,914	49,602	51,590	53,649	55,751
Member, Fed. Reserve System	14,303	18,539	21,989	25,779	26,526	27,154	27,904	28,456	29,163	29,985	31,414
National banks	10,038	13,801	17,191	20,498	21,073	21,459	22,294	22,731	23,307	24,217	25,221
State banks	4,265	4,738	4,798	5,281	5,453	5,695	5,610	5,725	5,856	5,768	6,193
Nonmember banks	9,800	11,197	13,596	17,407	18,391	18,946	20,010	21,146	22,427	23,664	24,337
Insured	9,382	10,854	13,332	17,080	18,043	18,578	19,619	20,730	21,993	23,186	23,788
Noninsured	418	343	264	327	348	368	391	416	434	478	549
Mutual savings bank, total	1,002	1,222	1,581	2,122	2,322	2,553	2,781	3,006	3,338	3,583	3,599
Insured	706	913	1,223	1,707	1,897	2,125	2,302	2,517	2,840	3,066	3,217
Noninsured	296	309	358	415	425	428	479	489	498	517	382

No. 823. Changes in Number of Operating Banking Offices: 1960 to 1981

[As of **December 31.** Includes Puerto Rico and outlying areas]

TYPE OF CHANGE	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
Banking offices	**25,105**	**30,958**	**37,166**	**45,308**	**47,239**	**48,653**	**50,695**	**52,608**	**54,928**	**57,232**	**59,350**
Number of banks	13,999	14,324	14,199	14,961	15,130	15,170	15,207	15,206	15,201	15,330	15,355
Number of branches	11,106	16,634	22,967	30,347	32,109	33,483	35,488	37,402	39,727	41,902	43,995
Net change during year	**863**	**1,231**	**1,584**	**2,422**	**1,931**	**1,414**	**2,041**	**1,909**	**2,320**	**2,306**	**2,118**
Offices opened	1,060	1,454	1,864	2,730	2,224	1,819	2,524	2,426	2,895	2,800	2,903
Banks	132	202	186	408	277	193	206	184	239	271	265
Branches	928	1,252	1,678	2,322	1,947	1,626	2,318	2,242	2,656	2,529	2,638
Offices closed	197	223	280	308	293	405	483	517	575	494	785
Banks	137	159	165	123	108	153	169	185	244	142	240
Branches	60	64	115	185	185	252	314	332	331	352	545

Source of tables 822 and 823: U.S. Federal Deposit Insurance Corporation, *Annual Report.*

No. 824. Changes in Commercial Banking Structure: 1953 to 1981

[Number of banks, beginning of period, may not correspond to number of banks, end of previous period due to change between types of banking permitted in a State; see footnotes. Minus sign (−) denotes decrease]

CHANGE	1953-1981	1967 and 1968	1969 and 1970	1971 and 1972	1973 and 1974	1975 and 1976	1977 and 1978	1979 and 1980	1981
All commercial banks:									
Number of banks, beginning of period	14,074	13,766	13,678	13,686	13,927	14,458	14,671	14,711	14,836
New banks organized	5,401	191	319	472	752	464	380	500	264
Mergers and absorptions	−4,342	−266	−297	−218	−214	−234	−331	−306	−217
Voluntary liquidations, suspensions	−253	−19	−14	−13	−7	−17	−9	−69	−3
Number of banks, end of period	14,880	13,678	13,686	13,927	14,458	14,671	14,711	14,836	14,880
Net change in banks	806	−88	8	241	531	213	40	125	44
Number of branches, end of period	40,547	19,467	21,646	24,943	28,435	34,582	34,578	38,492	40,547
Net change in branches	35,021	2,106	2,631	2,968	3,821	3,460	3,456	3,919	2,055

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly; *Annual Statistical Digest;* and unpublished data.

No. 825. Banks Closed Due to Financial Difficulties: 1941 to 1981

[Prior to 1959, excludes Alaska and Hawaii. Banks are closed either permanently or temporarily by order of supervisory authorities or by directors of banks. See *Historical Statistics, Colonial Times to 1970,* series X 741, 748, 756, and 761]

ITEM	Unit	1941-1950	1951-1960	1961-1970	1971-1975	1976	1977	1978	1979	1980	1981
Total banks	Number	73	43	63	33	17	6	7	10	10	10
Insured	Number	61	28	50	30	16	6	7	10	10	10
Noninsured	Number	12	15	13	3	1	-	-	-	-	-
Deposits	$1,000	102,618	114,972	342,360	3,119,638	865,659	205,208	854,154	110,696	216,300	3,826,059
Insured	$1,000	99,276	104,610	334,570	3,039,334	864,799	205,208	854,154	110,696	216,300	3,826,059
Noninsured	$1,000	3,342	10,362	7,790	80,304	860	-	-	-	-	-

- Represents zero.

Source: U.S. Federal Deposit Insurance Corporation, *Annual Report.*

No. 826. Commercial Banks—Assets and Liabilities: 1965 to 1981

[In billions of dollars, except number of banks. As of Dec. 31. Includes noninsured nondeposit trust companies. Includes outlying areas. Includes American branches of foreign banks (tabulated as banks) licensed to do a deposit business. See *Historical Statistics, Colonial Times to 1970*, series X 588–609, for related data]

ITEM	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
Number of banks	13,818	13,705	14,488	14,657	14,698	14,738	14,741	14,738	14,870	14,913
Assets	**382.9**	**581.5**	**927.5**	**974.7**	**1,040.1**	**1,176.6**	**1,329.0**	**1,437.7**	**1,543.5**	**1,692.3**
Securities, total [1 2]	104.6	148.5	195.9	230.8	253.2	261.0	272.0	287.8	326.0	342.4
U.S. Treasury	59.7	59.3	52.3	81.6	98.0	97.0	90.6	88.8	104.5	103.5
Obligations of States and subdivisions	38.7	67.9	97.6	101.6	103.3	113.7	124.6	133.3	146.5	151.4
Federal funds sold and sec. purchased [3]	2.1	16.3	40.1	39.3	48.5	54.2	55.0	63.5	71.4	91.2
Loans, gross	204.7	300.4	514.2	512.5	552.1	632.3	737.6	813.8	841.8	932.5
Commercial and industrial loans	71.9	113.4	188.6	181.0	185.1	207.3	236.9	265.8	283.3	329.7
Real estate loans	49.7	73.3	132.1	136.5	151.2	179.0	214.0	245.2	263.6	284.0
Construction and land development	(4)	(4)	(4)	(4)	17.3	21.4	27.3	32.9	36.8	45.1
Secured by farmland	2.9	4.4	6.0	6.4	6.7	7.8	8.5	8.6	8.7	8.4
Secured by residential properties	32.4	45.6	82.4	83.1	85.9	101.9	124.4	143.9	154.1	163.1
Secured by other properties	14.4	23.3	43.7	46.9	41.3	47.9	53.8	59.7	63.9	67.4
Loans to financial institutions [5]	15.5	16.6	47.7	42.5	42.7	43.9	55.5	48.9	46.7	57.1
Securities loans (dealers and other)	8.5	9.8	9.2	11.1	15.4	17.4	14.9	13.6	12.5	15.3
Loans to farmers (excl. real estate)	8.2	11.2	18.2	20.2	23.2	25.7	28.3	31.1	31.6	33.0
Other loans to individuals	45.7	66.3	104.0	107.6	119.3	141.5	167.9	187.9	181.7	186.8
All other loans (incl. overdrafts)	5.3	7.7	14.3	13.6	15.1	17.5	20.1	21.3	22.1	26.6
Net loans	(X)	(X)	(X)	(X)	533.2	610.5	711.9	784.6	812.2	902.0
Cash, balances with banks, etc.	61.0	94.0	128.8	134.5	136.8	170.1	188.5	198.9	202.3	197.3
Other	10.4	22.4	48.4	57.7	68.4	80.9	101.4	102.6	131.7	159.4
Liabilities and equity capital	**[1]382.9**	**[1]581.5**	**[1]927.5**	**[1]974.7**	**1,040.1**	**1,176.6**	**1,329.0**	**1,437.7**	**1,543.5**	**1,692.3**
Deposits	333.8	485.5	753.6	792.9	845.1	947.1	1,043.3	1,108.7	1,194.0	1,277.8
Demand	185.5	249.0	317.5	325.5	338.7	384.9	408.5	435.0	433.1	385.5
Time and savings	148.5	236.5	436.1	467.4	506.4	562.2	634.7	673.7	760.9	892.3
Business and personal	276.8	397.3	608.9	652.9	704.8	788.3	875.0	940.8	1,029.2	1,126.1
Government	32.4	49.7	74.6	71.1	72.3	85.1	88.8	87.2	84.8	86.1
Domestic interbank	17.5	29.2	46.0	45.3	45.6	60.4	67.1	69.3	79.6	65.6
Foreign government and bank	7.0	9.3	24.2	23.5	22.4	13.3	12.3	11.1		
Miscellaneous liabilities	14.7	46.5	101.2	103.3	116.7	143.4	191.2	225.2	235.6	289.6
Subordinated notes and debentures	1.7	2.2	4.4	4.6	5.3	5.8	5.9	6.0	6.3	6.3
Equity capital	28.7	41.0	59.6	64.9	73.1	80.3	88.6	97.8	108.1	118.6
Stock	8.7	11.4	14.9	15.7	16.4	17.4	18.5	20.6	22.0	23.8
Surplus	13.6	18.2	25.5	26.9	29.3	31.7	33.7	35.5	37.9	40.4
Undivided profits and reserve	6.5	11.4	19.1	22.3	27.4	31.2	36.4	41.8	48.2	54.4

X Not applicable. [1] Includes other categories not shown separately. [2] For 1965, securities reported on net (after deduction of reserves) basis. [3] Under agreements to resell. [4] Prior to 1976, included in other categories of real estate loans. [5] Includes loans to foreign banks.

Source: U.S. Federal Deposit Insurance Corporation, *Assets and Liabilities: Commercial and Mutual Savings Banks*, semiannual; beginning 1978, *Annual Report* and unpublished data.

No. 827. Commercial Banks—Summary, by Class of Bank: 1970 to 1981

[As of Dec. 31. Member, nonmember refers to Federal Reserve System. See *Historical Statistics, Colonial Times to 1970*, series X 717–721, for related data on banking offices]

ITEM	Total	National	State member	NONMEMBER	
				Insured	Noninsured
Number of banks:					
1970	13,687	4,621	1,147	7,735	184
1975	14,632	4,744	1,046	8,585	257
1979	14,708	4,448	977	8,926	357
1980	14,836	4,425	997	9,000	414
1981	14,882	4,454	1,020	8,928	480
Banking offices:					
1970	35,330	17,157	4,802	13,139	232
1975	44,599	21,022	5,451	17,819	307
1979	51,111	23,122	5,846	21,735	408
1980	53,189	24,045	5,756	22,923	465
1981	55,287	25,052	6,183	23,512	540
Gross loans (bil. dol.):					
1970	303.0	178.0	64.7	52.6	7.6
1975	546.5	315.7	100.8	118.6	11.3
1979	808.0	454.2	132.2	204.3	17.2
1980 [1]	835.2	480.9	135.3	218.0	1.0
1981 [1]	925.7	532.3	157.3	235.2	.9
Assets (bil. dol.):					
1970	577.0	340.8	125.5	106.5	4.4
1975	965.2	553.3	180.5	210.9	20.5
1979	1,426.8	792.3	256.5	346.6	31.4
1980 [1]	1,530.0	869.6	267.2	389.9	3.4
1981 [1]	1,676.9	958.2	288.5	427.7	2.6
Demand deposits (bil. dol.):					
1970	247.9	145.1	58.5	42.5	1.7
1975	323.6	183.9	67.7	68.1	3.9
1979	433.3	234.9	94.8	99.7	3.8
1980 [1]	430.7	237.6	90.0	102.6	.4
1981 [1]	383.8	217.6	73.8	91.8	.5
Time and savings deposits (bil. dol.):					
1970	233.9	138.5	42.9	51.5	.8
1975	462.9	263.7	75.7	115.9	7.7
1979	666.3	360.1	92.2	204.2	10.0
1980 [1]	752.7	414.2	101.1	236.5	.8
1981 [1]	881.6	486.1	120.0	274.7	.8

[1] Excludes branches of foreign banks.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 828. Commercial Banks—Assets and Liabilities, States and Other Areas: 1981

[In millions of dollars, except number of banks. As of December 31]

State or other area	Number of banks	Total assets	Selected assets: Total securities	Selected assets: Gross loans and Federal funds sold	Selected assets: Gross loans: Total	Selected assets: Gross loans: Commercial and industrial	Selected assets: Gross loans: Real estate	Selected liabilities: Equity capital	Selected liabilities: Deposits: Total	Selected liabilities: Deposits: Demand	Selected liabilities: Deposits: Time and savings
Total	**14,913**	**1,692,329**	**342,387**	**1,023,688**	**932,529**	**329,701**	**283,959**	**118,615**	**1,277,792**	**385,478**	**892,314**
U.S.	**14,880**	**1,676,506**	**340,848**	**1,016,066**	**925,467**	**327,318**	**282,256**	**118,229**	**1,265,016**	**383,642**	**881,374**
Ala	308	18,601	5,590	10,152	9,069	2,564	2,776	1,530	15,521	4,322	11,199
Alaska	12	2,460	726	1,258	1,107	391	485	226	1,924	830	1,094
Ariz	37	14,673	2,592	9,230	9,189	2,409	3,302	842	12,124	3,702	8,422
Ark	264	12,314	3,592	7,240	6,421	2,158	2,061	992	10,319	2,665	7,654
Calif	331	199,391	19,524	138,418	128,925	39,503	52,291	11,329	152,308	42,676	109,632
Colo	483	18,489	3,063	11,843	10,709	3,632	3,085	1,378	14,719	5,676	9,043
Conn	57	14,419	2,679	9,069	8,614	2,653	3,267	901	11,628	4,693	6,935
Del	21	4,403	1,192	2,509	2,040	327	813	456	3,031	790	2,241
D.C	19	7,979	1,569	4,818	4,349	1,334	1,751	586	6,049	2,447	3,602
Fla	505	51,382	13,820	28,856	25,431	5,732	10,394	3,696	42,713	14,613	28,100
Ga	427	25,098	5,763	15,148	13,245	3,687	3,715	1,920	19,899	7,632	12,267
Hawaii	12	5,830	1,161	3,728	3,534	956	1,535	364	5,060	1,329	3,731
Idaho	27	5,477	1,199	3,300	3,057	890	940	346	4,394	1,035	3,359
Ill	1,295	124,269	25,992	78,313	72,937	32,174	18,069	8,533	88,816	23,946	64,870
Ind	407	34,231	9,513	19,625	17,613	3,959	7,386	2,500	28,016	6,498	21,518
Iowa	655	23,765	7,214	13,756	11,547	2,483	3,267	1,873	19,755	4,026	15,729
Kans	619	18,231	5,463	10,686	8,833	2,547	1,896	1,480	15,183	3,962	11,221
Ky	344	21,934	5,771	13,238	10,795	2,814	3,843	1,714	17,672	5,074	12,598
La	273	28,310	7,622	16,651	14,771	5,162	4,675	2,128	23,739	7,775	15,964
Maine	37	3,676	965	2,150	1,989	564	836	253	3,000	785	2,215
Md	94	17,122	3,521	10,723	9,771	2,326	4,329	1,265	13,820	4,426	9,394
Mass	145	32,057	6,485	18,005	16,033	6,945	4,329	2,031	22,867	8,945	13,922
Mich	377	54,116	11,597	31,685	29,401	8,399	12,563	3,554	43,865	9,674	34,191
Minn	763	32,270	7,691	19,012	17,589	5,816	5,180	2,288	25,281	6,742	18,539
Miss	171	12,745	3,938	7,239	6,447	1,599	2,197	944	10,779	2,832	7,947
Mo	734	38,056	9,592	22,206	18,058	5,452	6,001	2,702	29,219	9,056	20,163
Mont	167	5,734	1,493	3,461	3,157	921	849	441	4,923	1,174	3,749
Nebr	466	12,910	3,062	8,071	6,539	1,509	876	1,023	10,491	2,871	7,620
Nev	14	4,055	803	2,505	2,414	588	1,120	318	3,440	1,225	2,215
N.H	72	3,616	744	2,424	2,285	540	1,094	266	3,113	710	2,403
N.J	161	37,802	9,431	21,944	20,083	5,614	8,803	2,432	31,363	10,106	21,257
N. Mex	89	6,801	1,645	4,205	3,585	1,345	919	469	5,764	1,554	4,210
N.Y.[1]	334	274,464	38,359	160,801	149,290	72,049	23,789	21,881	163,288	65,758	97,530
N.C	73	26,234	6,376	15,121	13,486	4,702	3,421	1,704	19,326	5,918	13,408
N. Dak	179	5,081	1,760	3,569	3,047	812	920	466	5,167	1,071	4,096
Ohio	380	58,157	14,993	32,360	29,289	8,141	10,625	4,614	44,303	11,471	32,832
Okla	508	27,831	6,734	16,889	14,705	5,758	3,503	1,933	23,530	7,651	15,879
Oreg	95	13,890	2,398	8,861	8,166	2,911	2,726	871	10,946	2,854	8,092
Pa	363	89,591	22,917	50,873	47,965	16,138	15,821	5,953	67,759	17,060	50,699
R.I	17	7,706	1,147	4,680	4,242	1,348	1,880	391	5,536	1,139	4,397
S.C	83	8,695	2,522	4,932	4,187	1,106	1,120	667	7,001	2,737	4,264
S. Dak	154	7,994	1,667	5,623	5,393	714	661	670	6,539	879	5,660
Tenn	354	26,033	6,291	15,112	13,511	4,120	4,384	1,833	21,156	5,667	15,489
Tex	1,529	133,895	28,074	81,149	73,338	35,763	15,727	9,092	105,372	35,922	69,450
Utah	68	7,422	1,251	4,600	4,193	1,218	1,747	482	6,109	1,875	4,234
Vt	28	2,523	485	1,759	1,673	364	923	167	2,235	464	1,771
Va	224	26,581	5,829	17,117	15,965	3,821	6,213	1,883	21,704	5,623	16,081
Wash	110	24,172	3,101	15,030	14,248	5,677	3,912	1,472	19,056	5,249	13,807
W. Va	243	11,253	3,749	6,534	5,606	963	2,504	955	9,284	2,032	7,252
Wis	643	27,974	7,163	17,287	15,599	3,998	7,149	2,091	22,632	5,553	17,079
Wyo	109	3,789	999	2,302	2,024	721	585	321	3,278	928	2,350
P.R.[2]	24	12,801	1,509	6,393	5,835	1,695	1,446	376	10,610	1,620	8,991
Guam [3] and Samoa	4	2,267	20	982	979	627	105	10	1,508	137	1,372
V.I.[4]	5	755	11	249	249	61	152	–	658	80	578

– Represents zero. [1] Includes data for 17 insured branches operated by 3 State nonmember banks in Puerto Rico. [2] Includes data for 27 insured branches operated by 2 national banks in New York, a national bank in California, and a national bank in Illinois. [3] Consists of data for 16 insured branches located in Guam operated by 2 State nonmember banks in Hawaii, 1 State nonmember bank in Guam, 3 State nonmember banks and a national bank in California, and 2 national banks in New York. [4] Includes data for 24 insured branches operated by 2 national banks in New York, a national bank in California, and a national bank in Pennsylvania, and a nonmember bank in Puerto Rico.

Source: U.S. Federal Deposit Insurance Corporation, unpublished data.

No. 829. Largest Commercial Banks—Financial Data, by Rank of Assets: 1960 to 1981

[In billions of dollars, except percent. As of December 31. See also table 820]

Asset group	Assets						Deposits					
	1960	1965	1970	1975	1980	1981	1960	1965	1970	1975	1980	1981
Total of 50 largest	**98.6**	**146.7**	**220.0**	**348.0**	**570.2**	**622.0**	**85.5**	**124.6**	**173.9**	**265.9**	**371.3**	**388.5**
Percent of all commercial banks	39.1	39.4	34.3	35.7	37.0	35.5	38.5	38.4	32.2	33.5	31.2	30.5
Lowest ten	6.6	9.2	16.4	23.0	40.6	43.7	5.9	8.1	13.5	17.8	24.1	23.8
Second ten	8.1	12.1	19.5	28.7	47.0	51.3	7.2	10.6	16.4	22.1	28.6	33.1
Third ten	10.4	14.8	24.2	34.1	58.9	67.6	9.3	12.9	20.0	25.8	36.3	40.4
Fourth ten	19.3	28.9	42.4	67.2	110.4	126.8	16.8	24.8	33.6	51.7	76.6	81.5
Highest ten	54.3	81.7	117.4	195.0	313.3	332.6	46.4	68.1	90.5	148.5	205.6	209.7
Percent of total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
Lowest ten	6.6	6.3	7.4	6.6	7.1	7.0	6.8	6.5	7.7	6.7	6.5	6.1
Second ten	8.2	8.2	8.9	8.2	8.2	8.3	8.4	8.5	9.4	8.3	7.7	8.5
Third ten	10.6	10.1	11.0	9.8	10.3	10.9	10.9	10.4	11.5	9.7	9.8	10.4
Fourth ten	19.5	19.7	19.3	19.3	19.4	20.4	19.6	19.9	19.3	19.4	20.6	21.0
Highest ten	55.0	55.7	53.4	56.1	55.0	53.4	54.3	54.7	52.0	55.9	55.4	54.0

Source: U.S. Federal Deposit Insurance Corporation, unpublished data.

No. 830. Insured Commercial Banks—Selected Measures of Financial Condition: 1975 to 1981

[As of December 31]

Item	Unit	1975	1976	1977	1978	1979	1980	1981
Number of banks	Number	14,467	14,494	14,439	14,372	14,364	14,435	14,415
Equity and debt capital	Mil. dol	70,336	77,370	85,066	93,192	103,306	114,147	124,767
Equity capital to total assets	Percent	6.1	6.1	5.9	5.8	5.7	5.8	5.8
Equity capital to total deposits	Percent	8.5	7.3	7.1	7.1	7.1	7.3	7.4
Debt capital to total capital	Percent	6.3	6.7	6.9	6.6	6.1	5.7	5.2
Total capital to total assets	Percent	6.5	6.6	6.4	6.2	6.1	6.2	6.2
Total capital to total liabilities	Percent	6.9	7.0	6.8	6.6	6.5	6.6	6.6
Total capital to risk assets	Percent	9.0	9.1	8.8	8.5	8.3	8.4	8.2
Total loans, excluding Federal funds	Mil. dol	579,357	626,892	722,387	828,469	931,198	1,002,483	912,344
Total loans to deposits	Percent	63.4	63.2	64.7	67.4	68.4	67.7	70.2
Net loan losses to average total loans	Percent	.61	.64	.47	.37	.34	.38	.36
Aggregate net operating income [1]	Mil. dol	7,146	7,615	8,726	10,899	13,126	14,484	15,600
Aggregate net income to average equity capital	Percent	11.3	11.0	11.5	13.1	14.3	14.1	13.8
Aggregate net income to total assets	Percent	.72	.73	.75	.82	.88	.78	.77

[1] After taxes and before security transactions.

Source: U.S. Federal Deposit Insurance Corporation, *The Condition of the Financial System*, May 1980, and unpublished data.

No. 831. U.S. Banking Offices of Foreign Banks—Selected Assets and Liabilities: 1973 to 1982

[As of December, except as indicated. Offices include agencies, branches, subsidiary commercial banks and New York investment companies, and exclude Puerto Rican banks]

Item	Unit	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982, Mar.
Assets, total	Bil. dol	32.3	46.1	52.4	61.3	76.8	109.1	149.6	200.6	250.9	257.5
Standard banking assets	Bil. dol	24.8	36.9	42.1	48.5	59.0	87.6	122.5	163.8	216.0	223.3
Loans, total	Bil. dol	17.6	27.0	29.9	35.4	41.5	65.3	91.9	121.4	156.1	162.3
Business loans	Bil. dol	12.8	18.8	19.9	19.7	22.0	32.7	48.2	59.6	73.4	77.1
Deposits, total	Bil. dol	11.4	17.0	22.6	26.1	33.8	46.3	62.8	80.4	101.5	115.3
SHARE [1]											
Assets, total	Percent	3.8	4.9	5.3	5.8	6.4	8.0	9.9	11.9	13.5	13.8
Standard banking assets	Percent	3.2	4.3	4.7	5.1	5.6	7.3	9.1	11.0	12.7	13.0
Loans, total	Percent	3.7	5.1	5.7	6.4	6.6	8.8	10.9	13.4	15.0	15.4
Business loans	Percent	7.6	9.5	10.4	10.2	10.3	13.1	16.3	18.2	19.2	19.3
Deposits, total	Percent	1.7	2.3	2.9	3.1	3.6	4.5	5.6	6.6	7.7	8.7

[1] Percent of "domestically owned" commercial banks plus U.S. offices of foreign banks.

Source: Board of Governors of the Federal Reserve System, unpublished data.

No. 832. Bank Holding Companies—Offices, Assets, Deposits: 1960 to 1981

[As of Dec. 31. A "bank holding company" means any company which has control over any bank or over any company that is, or becomes, a bank holding company by virtue of the Bank Holding Company Act and its amendments. Represents domestic data only]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
Number of companies	47	53	121	1,752	1,821	1,912	2,027	2,222	2,478	2,905	3,500
Banking offices	1,463	1,954	4,155	20,593	22,056	22,990	24,243	25,614	27,099	29,924	33,733
Banks	426	468	895	3,462	3,674	3,791	3,903	4,101	4,280	4,954	5,689
Branches	1,037	1,486	3,260	17,131	18,382	19,199	20,340	21,513	22,819	24,970	28,044
Assets (bil. dol.)	20.5	31.2	92.9	640.1	661.3	700.0	795.1	905.0	1,004.7	1,134.4	1,296.7
Percent of all commercial banks	11.1	11.5	16.1	69.6	68.5	67.9	68.2	68.7	70.6	74.1	77.3
Deposits (bil. dol.)	18.3	27.6	78.1	509.7	527.5	553.6	624.3	691.1	744.7	840.6	938.7

Source: Board of Governors of the Federal Reserve System, *Banking and Monetary Statistics, 1941–1970; Annual Statistical Digest;* and unpublished data.

No. 833. Mutual Savings Banks—Assets and Liabilities: 1960 to 1981

[**In billions of dollars, except number of banks.** As of Dec. 31. Includes Virgin Islands through 1965 and Puerto Rico through 1975. See *Historical Statistics, Colonial Times to 1970,* series X 687–688 and X 821–833, for related data]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
Number of banks	515	506	494	480	476	473	467	465	463	460	442
Assets [1]	**40.6**	**58.2**	**79.2**	**109.5**	**121.1**	**134.8**	**147.3**	**158.2**	**157.9**	**166.6**	**164.7**
Loans and discounts, gross [2]	27.1	45.3	60.4	78.7	81.3	86.8	94.4	102.4	102.5	106.6	104.4
Real estate loans	26.9	44.6	57.9	74.9	77.2	81.6	88.2	95.2	96.2	98.1	94.9
Securities	12.0	11.0	16.2	26.0	34.2	42.0	46.6	47.8	46.1	48.0	46.0
U.S. Government	10.5	6.3	5.0	6.8	10.8	14.8	17.4	18.0	18.6	21.1	21.2
Other securities	1.5	4.7	11.2	19.1	23.4	27.2	29.1	29.8	27.5	26.9	24.8
Liabilities and surplus	**40.6**	**58.2**	**79.2**	**109.5**	**121.1**	**134.8**	**147.3**	**158.2**	**157.9**	**166.6**	**164.7**
Deposits	36.4	52.8	72.1	99.4	110.6	123.7	134.9	143.7	142.0	149.9	146.6
Miscellaneous liabilities	.7	.8	1.2	2.2	2.1	2.1	2.4	3.6	5.2	6.1	9.1
Surplus accounts	3.6	4.7	5.9	8.0	8.4	9.1	10.0	10.9	10.7	10.6	9.0

[1] Includes assets not shown separately. [2] Prior to 1970, data net of valuation reserves.

Source: U.S. Federal Deposit Insurance Corporation, *Annual Report.*

No. 834. Savings and Loan Associations (FSLIC-Insured)—Selected Financial Items and Ratios of Condition: 1970 to 1981

[**As of Dec. 31** for assets, liabilities and net worth; calendar year for other items. FSLIC–Federal Savings and Loan Insurance Corporation. FSLIC-insured savings and loan association represent approximately 98 percent of the resources of all operating savings and loan associations. Minus sign (–) denotes either loss or outflow]

ITEM	Unit	1970	1975	1976	1977	1978	1979	1980	1981
Assets	Bil. dol.	170.5	329.0	381.7	447.9	510.8	566.7	615.3	651.0
Mortgage loans outstanding	Bil. dol.	146.1	271.3	315.3	372.4	423.5	466.5	492.7	509.4
Liabilities	Bil. dol.	158.7	309.9	360.4	423.4	482.6	535.1	582.9	623.2
Net worth	Bil. dol.	11.9	19.1	21.3	24.4	28.1	31.6	32.4	27.8
Gross operating income	Bil. dol.	10.7	23.7	28.2	33.9	40.6	48.6	56.1	65.2
Operating expense	Bil. dol.	1.9	3.9	4.6	5.3	6.2	7.1	7.9	9.0
Cost of funds	Bil. dol.	6.1	17.6	20.5	24.1	28.7	36.4	47.4	63.3
Net income before taxes	Bil. dol.	1.2	2.1	3.2	4.6	5.7	5.2	1.2	–6.2
Net income after taxes	Bil. dol.	.9	1.4	2.2	3.2	3.9	3.6	.8	–4.6
Gross savings receipts	Bil. dol.	62.0	151.1	180.8	214.5	266.4	354.5	454.5	520.8
New savings received	Bil. dol.	56.5	138.4	165.4	196.3	245.7	330.6	424.2	482.0
Interest/dividends credited	Bil. dol.	5.5	12.8	15.4	18.2	20.7	23.9	30.3	38.8
Savings withdrawals	Bil. dol.	51.2	109.1	131.1	164.3	222.2	315.6	413.5	507.4
Net savings inflow	Bil. dol.	10.8	42.1	49.7	50.2	44.2	38.9	41.0	13.4
Net new savings received	Bil. dol.	5.3	29.3	34.4	32.0	23.5	15.0	10.7	–25.4
Mortgage loans closed	Bil. dol.	20.8	53.8	77.1	105.3	108.3	98.7	71.3	52.3
Average cost of funds	Percent	5.30	6.32	6.38	6.44	6.67	7.47	8.94	10.92
Average effective dividend rate paid	Percent	5.14	6.21	6.31	6.39	6.56	7.29	8.78	10.71
Average interest return on mortgages	Percent	6.56	7.66	7.95	8.21	8.47	8.83	9.31	9.87
Net income to average assets	Percent	.57	.47	.63	.77	.82	.67	.13	–.73

Source: U.S. Federal Home Loan Bank Board, *Combined Financial Statements,* annual; *Savings and Home Financing Source Book,* annual; and *Federal Home Loan Bank Board Journal,* monthly.

No. 835. Savings and Loan Associations—Financial Items: 1960 to 1981

[**In billions of dollars, except number of associations.** As of **December 31,** except as indicated. Includes Puerto Rico and Guam. See headnote, table 836. Beginning 1965, excludes associations which have either liquidated or converted to banks; for details, see source. Minus sign (–) denotes outflow. See also *Historical Statistics, Colonial Times to 1970,* series X 834–844]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981, prel.
Number of associations	6,320	6,185	5,669	5,170	5,086	4,931	4,821	4,761	4,725	4,684	4,592	4,347
Number insured	4,098	4,508	4,365	4,163	4,141	4,078	4,044	4,065	4,053	4,039	4,002	3,779
Total assets	**71.5**	**129.6**	**176.2**	**271.9**	**295.5**	**338.2**	**391.9**	**459.2**	**523.6**	**579.0**	**630.7**	**663.8**
Cash and investment securities	7.9	12.1	16.5	21.1	23.3	30.9	35.7	39.2	44.9	46.3	57.9	62.8
Mortgage loans outstanding [1]	60.1	110.3	150.3	231.7	249.3	278.6	323.0	381.2	432.9	475.7	503.2	518.4
Other assets	3.5	7.2	9.3	19.1	22.9	28.7	33.2	38.9	45.9	56.9	69.6	82.7
Total liabilities	**66.5**	**120.9**	**163.8**	**254.8**	**277.1**	**318.5**	**369.9**	**434.0**	**494.6**	**546.3**	**597.4**	**635.5**
Savings capital	62.1	110.4	146.4	227.0	243.0	285.7	335.9	386.8	431.0	470.0	511.6	524.4
Other [2]	4.4	10.5	17.4	27.9	34.1	32.7	34.0	47.2	63.6	76.3	85.7	111.1
Net worth	(NA)	(NA)	12.4	17.1	18.4	19.8	22.0	25.2	29.0	32.6	33.3	28.4
Mortgage loans made during year [1,3,4]	**14.3**	**24.2**	**21.4**	**49.4**	**39.0**	**55.0**	**78.8**	**107.4**	**110.3**	**100.5**	**72.5**	**53.3**
Home construction [4]	4.7	6.0	4.2	8.4	6.5	8.7	13.0	18.2	20.1	18.6	13.5	10.3
Home purchase [4]	6.1	10.8	10.2	28.2	22.6	30.7	45.7	62.5	65.6	60.7	41.9	27.5
Net new savings [5]	(NA)	(NA)	5.3	10.5	4.7	29.3	34.4	32.0	23.5	15.0	10.7	–25.4

NA Not available. [1] Beginning 1970, real estate sold on contract included in mortgage lending data; prior years, in "Other assets." [2] Prior to 1970, permanent stock included in "Other liabilities"; thereafter, in "Net worth." [3] Includes loans not shown separately. [4] Covers only 1–4 unit residential structures. [5] Insured associations only.

Source: U.S. Federal Home Loan Bank Board, *Savings and Home Financing Source Book,* annual.

No. 836. Savings and Loan Associations—Selected Financial Items, States and Other Areas: 1980

[**In millions of dollars, except number of associations.** As of **December 31.** Major balance sheet items for all operating and insured associations not identical with those shown in table 835, primarily because some State-chartered associations submit their reports on dates other than Dec. 31]

STATE	Number of associations	Total assets	Mortgage loans outstanding	Savings capital
Total	**4,591**	**627,560**	**501,702**	**509,109**
Alabama	58	4,958	3,937	4,356
Alaska	5	411	225	320
Arizona	18	6,569	4,932	5,166
Arkansas	75	4,455	3,340	3,970
California	195	120,536	98,204	89,693
Colorado	46	10,008	7,891	7,508
Connecticut	39	4,404	3,442	3,878
Delaware	19	275	236	227
Dist. of Columbia	14	5,079	4,440	3,781
Florida	128	51,602	41,791	43,213
Georgia	97	11,065	9,242	9,414
Hawaii	6	2,918	2,519	2,045
Idaho	12	1,023	878	840
Illinois	371	45,882	36,842	38,359
Indiana	161	10,413	8,543	9,073
Iowa	74	7,169	5,927	6,078
Kansas	79	7,269	6,199	5,920
Kentucky	102	5,977	5,005	5,194
Louisiana	131	8,462	6,792	7,316
Maine	20	693	559	600
Maryland	188	10,685	9,073	8,743
Massachusetts	153	8,384	6,186	7,223
Michigan	63	18,430	15,438	15,937
Minnesota	56	10,645	8,471	8,459
Mississippi	59	2,973	2,192	2,547
Missouri	111	15,980	12,607	13,158
Montana	13	1,124	942	969
Nebraska	39	5,447	4,509	4,224
Nevada	8	2,444	1,872	1,876
New Hampshire	17	1,145	935	999
New Jersey	207	25,142	17,343	20,742
New Mexico	34	2,596	2,009	2,177
New York	115	27,715	17,479	22,262
North Carolina	198	12,412	10,590	10,780
North Dakota	11	2,424	1,966	1,890
Ohio	384	40,587	32,959	33,604
Oklahoma	58	5,981	4,914	4,752
Oregon	32	7,108	5,702	5,735
Pennsylvania	356	24,969	20,233	20,827
Rhode Island	5	769	661	640
South Carolina	74	6,394	5,477	5,491
South Dakota	19	1,110	852	973
Tennessee	99	7,402	6,086	6,237
Texas	320	35,088	27,831	28,540
Utah	16	4,262	3,656	2,962
Vermont	7	246	201	213
Virginia	85	9,621	8,170	8,075
Washington	48	9,707	8,130	7,411
West Virginia	32	1,618	1,229	1,400
Wisconsin	108	12,591	10,569	10,622
Wyoming	12	1,029	772	866
Puerto Rico	12	2,294	1,636	1,772
Guam	2	70	57	53

Source: U.S. Federal Home Loan Bank Board, *Asset and Liability Trends,* annual.

No. 837. Federal and State-Chartered Credit Unions—Summary: 1960 to 1981

[**As of December 31.** Federal data include District of Columbia, Puerto Rico, Canal Zone, Guam, and Virgin Islands. State data include Puerto Rico. See also *Historical Statistics, Colonial Times to 1970*, series X 864–878]

Year	Credit unions reporting [1]		Members (1,000)		Assets (mil. dol.)		Loans outstanding (mil. dol.)		Savings (mil. dol.)	
	Federal	State [2]	Federal	State [2]	Federal	State [2]	Federal	State [2]	Federal	State [2,3]
1960	9,905	10,151	6,087	5,971	2,670	2,989	2,021	2,381	2,344	2,637
1965	11,543	10,521	8,641	8,115	5,166	5,385	3,865	4,293	4,538	4,682
1970	12,977	10,679	11,966	10,853	8,861	9,089	6,969	7,137	7,629	7,857
1975	12,737	9,871	17,066	14,196	20,209	17,804	14,869	13,300	17,530	15,522
1978	12,759	9,443	23,259	17,461	34,760	27,588	27,687	22,582	29,803	23,715
1979	12,738	9,274	24,790	18,409	36,468	29,524	28,547	23,677	31,831	25,628
1980	12,440	9,025	24,519	19,235	40,092	33,143	26,350	22,633	36,263	29,480
1981, prel	11,969	8,776	25,459	19,819	41,905	35,300	27,204	22,990	37,789	31,297

[1] Represents operating credit unions. [2] No State or local credit union law in Alaska, Del., S. Dak., Wyo., and for 1960–1975, Hawaii and Nev. [3] Includes members' deposits.

Source: 1960 and 1965, U.S. Social Security Administration, *Federal Credit Union Program*, annual. Beginning 1970, National Credit Union Administration, *Annual Report of the National Credit Union Administration* and *State-Chartered Credit Unions*.

No. 838. Finance Companies—Assets and Liabilities: 1970 to 1980

[**In millions of dollars, except number of companies.** As of **June 30.** Finance companies include Morris Plan Companies and companies whose largest portion of assets is in one or more of the following kinds of receivables—sales finance receivables, personal cash loans to individuals and families, short- and intermediate-term business receivables, and junior liens on real estate. For 1980 based on a stratified random sample of 469 companies. NA Not available]

Item	1970	1975	1980	Item	1970	1975	1980
Number of companies	2,961	3,376	2,775	**Assets**—Con.			
Total assets, net	**60,577**	**88,716**	**175,025**	Less reserves for unearned income	5,131	7,684	21,251
Total receivables, gross	57,113	85,994	183,341	Less reserves for losses	1,123	1,623	2,981
Consumer receivables	31,773	40,814	77,260	Total receivables, net	50,859	76,687	159,108
Retail passenger car paper	9,250	9,938	27,118	Other assets	9,718	12,029	15,917
Mobile homes	2,327	3,461	4,832	**Total liabilities, capital, and surplus**	**60,577**	**88,716**	**175,025**
Retail consumer goods	7,816	12,647	22,702	Loans and notes payable to banks	7,551	8,617	15,458
Personal cash loans	12,380	14,769	22,609	Short-term	6,581	7,900	7,885
Business receivables	22,999	39,286	86,067	Long-term	969	718	7,573
Wholesale paper	7,521	10,945	21,741	Commercial paper	22,073	25,905	52,328
Retail paper	6,563	11,067	26,318	Other short-term debt	5,082	7,408	10,627
Lease paper	3,802	8,065	23,261	Other long-term debt	15,501	29,013	52,898
Other business credit	5,113	9,208	14,747	Other liabilities	424	3,823	18,363
Real estate loans	(NA)	1,946	11,831	Capital, surplus, undivided profits	9,947	13,951	25,350
Other receivables	2,342	3,948	8,183				

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, November 1972, March 1976 and May 1981 issues.

No. 839. Selected Federal Credit Agencies—Balance Sheet Items: 1960 to 1981

[**In billions of dollars.** As of **Dec. 31.** Excludes capital accounts except for stock of home loan banks. Bonds, debentures, and notes valued at par; include only publicly offered securities and are not guaranteed by U.S. Government. Loans are gross of valuation reserves and represent cost for FNMA and unpaid principal for other agencies. See *Historical Statistics, Colonial Times to 1970*, series N 300, for FHLB advances]

Agency and item	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
Federal home loan banks (FHLB):											
Assets: Advances to members	2.0	6.0	10.6	21.8	17.8	15.9	20.2	32.7	41.8	49.0	65.2
Investments	1.2	1.6	3.9	3.1	4.4	6.1	3.7	3.4	3.7	4.3	8.2
Liabilities: Bonds and notes	1.3	5.2	10.2	21.9	18.9	16.8	18.3	27.6	33.3	41.0	57.6
Deposits and borrowings	.9	1.0	2.3	2.5	2.7	4.0	4.3	6.2	9.4	10.1	12.2
Capital stock	1.0	1.3	1.6	2.6	2.7	2.9	3.3	4.1	5.1	5.2	5.8
FNMA: [1]											
Assets: Mortgage loans	2.8	2.5	15.5	29.6	31.8	32.9	34.4	43.2	50.8	57.3	61.4
Liabilities: Debentures [2]	2.5	1.9	15.2	28.2	30.0	30.6	31.9	41.1	48.5	55.2	58.7
Banks for cooperatives:											
Assets: Loans to cooperatives	.6	1.1	2.0	3.6	4.0	4.4	5.7	6.1	8.1	9.8	9.5
Liabilities: Debentures	.4	.8	1.8	3.6	3.7	4.3	4.4	4.8	.6	.6	.2
Federal intermediate credit banks:											
Assets: Loans and discounts	1.5	2.5	5.0	8.8	10.0	11.3	12.8	15.7	17.5	19.4	21.2
Liabilities: Debentures	1.5	2.3	4.8	8.6	9.3	10.5	11.2	11.5	2.7	1.8	1.4
Federal land banks:											
Assets: Loans	2.6	4.3	7.2	13.6	16.6	19.1	22.8	25.6	32.3	39.1	48.0
Liabilities: Bonds	2.2	3.7	6.4	12.7	15.0	17.1	19.1	20.4	16.0	12.4	9.7
Farm credit banks: [3]											
Consolidated notes and bonds	(X)	(X)	(X)	(X)	(X)	(X)	2.5	5.1	33.2	48.2	60.0

X Not applicable. [1] Secondary market operations of Federal National Mortgage Association. [2] Includes notes.
[3] Began issuance in Sept. 1977; in 1979, issuance on a regular basis replacing financing activities of Federal land banks, Federal intermediate credit banks, and banks for cooperatives.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 840. Foreign Lending by Large U.S. Banks, by Country, Type of Borrower, and Maturity: 1981

[In millions of dollars. As of December. Covers 158 banks with assets of $1 billion or more which do nearly all of the foreign lending in the country. Data represent claims on foreign residents and institutions held at all domestic and foreign offices of covered banks]

Country	Total claims [1]	Bank borrowers	Public borrowers	Maturity,[1] year or less
Total [2]	**332,062**	**179,618**	**56,181**	**244,107**
Algeria	1,359	310	818	536
Argentina	8,403	2,473	2,599	5,182
Australia	3,006	426	278	1,685
Austria	1,968	1,595	246	1,574
Bahamas	10,950	10,031	20	10,010
Bahrain	2,288	2,218	31	2,255
Belgium-Luxembourg	11,162	9,197	1,014	10,109
Bolivia	437	50	242	207
Brazil	16,819	7,029	5,116	7,664
British West Indies	*9,936*	*9,491*	*104*	*9,678*
Bulgaria	245	138	98	146
Canada	11,215	7,893	748	9,388
Chile	5,816	2,857	979	2,793
China:				
Mainland	279	192	48	229
Taiwan	4,976	1,468	1,447	3,414
Columbia	2,776	1,054	746	1,802
Denmark	2,642	801	687	1,297
Ecuador	2,091	583	715	1,383
Egypt	1,178	736	258	1,066
Finland	1,812	841	378	1,125
France	13,136	10,797	1,226	11,027
German Dem. Rep	983	548	416	535
Germany, Fed. Rep	7,911	1,967	610	6,474
Greece	3,070	366	766	1,412
Hong Kong	6,712	3,396	153	5,237
Hungary	1,115	240	866	428
Indonesia	2,391	324	741	1,414
Iran	447	236	157	414
Ireland	1,331	460	455	752
Israel	2,022	1,573	224	1,598
Italy	8,380	4,765	1,931	5,813
Japan	20,880	12,834	363	17,537
Korea, Rep. of	8,891	4,801	1,454	6,542
Kuwait	1,336	832	28	1,238
Liberia	2,029	16	69	621
Mexico	21,498	3,808	7,293	12,649
Morocco	812	328	379	550
Netherlands	3,449	2,459	73	2,809
Nicaragua	423	23	361	125
Nigeria	1,148	284	754	509
Norway	2,997	567	196	1,126
Panama	5,596	3,917	278	4,481
Peru	1,972	854	833	1,448
Philippines	5,374	1,445	2,103	3,734
Poland	1,962	1,050	783	1,074
Portugal	1,372	570	525	886
Saudi Arabia	2,078	711	145	1,836
Singapore	7,331	6,377	228	6,990
South Africa	2,722	1,598	517	2,281
Soviet Union	478	210	195	257
Spain	5,809	2,420	967	3,256
Sweden	3,973	1,986	999	2,473
Switzerland	4,044	2,397	146	3,670
Thailand	1,665	744	352	1,216
Turkey	1,423	167	1,207	202
Un. Arab Emirates	1,229	676	336	924
United Kingdom	47,273	37,409	1,443	41,546
Venezuela	10,471	2,088	4,117	7,744
Yugoslavia	2,662	1,513	491	1,006
Zaire	183	34	143	48

NA Not available. [1] Includes nonbank private borrowers and maturity over one year, not shown separately.
[2] Includes countries not shown separately.

Source: Board of Governors of the Federal Reserve System, Federal Financial Institutions Examination Council, statistical release.

No. 841. Holdings of Construction, Long-Term Mortgage, and Land Loans, by Type of Loan, 1970 to 1981, and by Lender, 1981

[In billions of dollars. As of end of year]

TYPE OF LOAN	1970	1975	1978	1979	1980	1981					
						Total [1]	Lender				
							Savings and loan assn.	Commercial banks	Mutual savings banks	Life insurance companies	Federal credit agencies	Mortgage pools
Mortgage credits, total	**422.0**	**731.3**	**1,064.8**	**1,211.8**	**1,317.4**	**1,399.0**	**517.9**	**282.7**	**99.3**	**135.6**	**140.2**	**149.6**
Construction loans	18.3	41.4	54.2	59.4	62.6	67.8	18.3	39.9	1.9	.8	2.6	-
1-4 unit family homes	5.4	12.9	26.2	26.6	26.4	25.5	11.5	12.6	.6	-	-	-
Multifamily residential	6.2	11.6	11.0	12.7	13.8	14.5	2.2	6.9	.7	-	2.6	-
Nonresidential	6.5	16.9	16.9	20.1	22.4	27.8	4.6	20.4	.6	.8	-	-
Farm properties	.1	-	-	-	-	-	-	-	-	-	-	-
Long-term mortgage loans	399.5	678.8	999.8	1,140.7	1,241.8	1,319.0	493.4	237.7	97.1	134.5	137.7	149.6
1-4 unit family homes	266.9	434.5	677.6	786.1	857.2	908.9	424.6	155.0	67.9	16.9	70.7	134.2
FHA insured	61.9	67.8	80.8	95.3	104.9	112.8	10.7	4.1	9.7	4.1	23.4	51.7
VA guaranteed	37.2	56.8	75.3	85.5	91.1	94.6	14.2	2.4	10.3	2.6	12.8	48.9
Conventional	167.8	309.9	521.5	605.3	661.2	701.5	399.7	148.5	47.9	10.2	34.5	33.6
Multifamily	45.8	81.9	100.9	108.4	113.9	118.1	35.8	7.1	14.2	18.9	16.7	8.2
Nonresidential	66.4	128.4	171.3	188.5	204.9	217.7	32.6	67.3	15.0	85.7	6.4	.1
Farm properties	20.3	33.8	49.9	57.7	65.7	74.3	.4	8.3	-	13.1	43.8	7.2
Land loans	4.2	11.1	10.9	11.7	13.0	12.2	6.1	5.0	.2	.3	-	-

- Represents zero. [1] Includes lenders not shown separately.

Source: U.S. Dept. of Housing and Urban Development, *The Supply of Mortgage Credit, 1970-1979;* and monthly and quarterly press releases based on *Survey of Mortgage Lending Activity.*

No. 842. Mortgage Debt Outstanding, and Deliquency Rate: 1960 to 1982

[In **billions of dollars, except rate.** As of **Dec. 31** except as noted. Includes Puerto Rico and Guam. See also *Historical Statistics, Colonial Times to 1970,* series N 273 and N 276]

TYPE OF PROPERTY, HOLDER, AND LOAN TYPE	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981, prel.	1982,[1] prel.
Mortgage debt, total	**207**	**333**	**474**	**743**	**802**	**889**	**1,021**	**1,169**	**1,327**	**1,446**	**1,545**	**1,560**
Residential nonfarm	162	258	358	549	591	661	768	886	1,009	1,098	1,162	1,172
1- to 4-family homes	142	220	298	449	491	556	656	765	880	961	1,021	1,029
Savings and loan assns	55	94	125	201	224	261	311	356	394	420	433	430
Commercial banks	19	30	42	75	77	86	105	129	149	160	173	175
Mutual savings banks	21	34	42	49	50	53	58	62	66	67	68	67
Life insurance companies	25	30	27	19	18	13	15	14	16	18	17	17
Federal agencies	7	6	22	33	38	36	36	44	53	61	67	68
Individuals and others	15	26	38	72	84	104	131	160	201	234	263	271
5 or more units	20	37	60	100	101	105	112	121	128	137	141	143
Commercial	32	54	86	147	159	171	190	212	236	256	281	284
Farm	13	21	30	46	51	57	64	71	83	92	102	104
Delinquency rate, 1- to 4-unit residential mortgage loans [2]	**2.40**	**3.10**	**3.13**	**4.23**	**4.37**	**4.58**	**4.54**	**4.57**	**4.62**	**4.96**	**5.24**	**5.35**
Conventional loans	1.55	1.79	1.73	2.50	2.71	2.81	2.75	2.68	2.77	3.08	3.26	3.52
VA loans	2.95	3.40	3.01	3.96	4.16	4.43	4.37	4.52	4.81	5.33	5.67	5.77
FHA	2.27	3.36	3.65	5.39	5.44	5.78	5.84	6.01	6.20	6.55	6.80	6.92

[1] End of 1st quarter. [2] Number of loans delinquent 30 days or more as of percentage of mortgage loans in survey. Annual average quarterly figures.

Source: Mortgage debt, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin,* monthly; and delinquency rate, Mortgage Bankers Association, Washington, D.C., *National Delinquency Survey,* quarterly.

No. 843. Mortgage Activity of Banks, Insurance Companies, and Savings and Loan Associations: 1960 to 1981

[In **billions of dollars.** Loans outstanding are as of **end of year.** Bank and savings and loan data include Puerto Rico. See *Historical Statistics, Colonial Times 1970,* series N 266-267, X 836-839, and X 911]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981
Commercial banks:												
Loans outstanding [1]	28.8	49.7	73.3	119.1	132.1	136.2	151.3	177.8	212.7	243.8	282.3	282.7
Nonfarm residential	20.4	32.4	45.6	74.9	82.4	82.9	94.3	111.7	136.3	158.1	170.2	181.7
FHA-insured	5.9	7.7	7.9	8.2	7.2	6.3	5.6	5.3	5.2	4.8	4.4	4.5
VA-guaranteed	2.9	2.7	2.6	3.3	3.2	3.1	3.0	3.0	2.8	2.7	2.4	2.4
Conventional	11.7	22.0	35.1	63.4	72.0	73.5	85.7	103.4	128.3	150.6	163.3	174.7
Other nonfarm	6.8	14.4	23.3	38.7	43.7	46.9	50.3	58.3	68.0	77.1	83.5	92.7
Farm	1.6	2.9	4.4	5.4	6.0	6.4	6.7	7.8	8.5	8.6	8.5	8.3
Mutual savings banks:												
Loans acquired	4.4	8.7	6.1	13.0	8.6	8.9	12.1	15.3	15.5	14.0	8.2	5.8
Loans outstanding [2]	26.9	44.6	57.9	73.2	74.9	77.2	81.6	88.1	94.4	99.7	100.1	99.3
Nonfarm residential	24.3	40.1	49.9	61.1	62.1	63.8	67.3	72.9	78.5	83.7	83.9	83.4
FHA-insured	7.1	13.8	16.1	15.5	14.8	14.4	14.6	14.0	13.8	13.8	13.2	12.5
VA-guaranteed	9.0	11.4	12.0	12.9	12.7	12.4	12.3	12.0	11.9	11.4	10.8	10.3
Conventional	8.2	14.9	21.8	32.7	34.6	37.0	40.4	46.9	52.9	58.5	59.9	60.6
Other nonfarm	2.6	4.5	7.9	12.0	12.7	13.3	14.3	15.2	15.9	16.0	16.1	15.8
Life insurance companies:												
Loans acquired	6.1	11.1	6.6	10.7	10.5	8.8	9.0	13.3	16.9	19.6	18.3	13.0
Nonfarm	5.6	10.0	6.3	9.7	9.5	7.7	7.5	10.9	14.2	16.8	16.5	11.8
Farm	.5	1.1	.3	1.0	1.0	1.1	1.5	2.4	2.7	2.8	1.8	1.2
Loans outstanding	41.8	60.0	74.4	81.4	86.2	89.2	91.6	96.8	102.9	115.1	127.9	135.6
Nonfarm	38.8	55.2	68.7	75.4	79.9	82.4	84.1	87.9	92.4	103.0	115.0	122.5
FHA-insured	9.0	12.1	11.4	9.2	6.5	7.9	7.3	6.6	6.1	5.8	5.5	5.1
VA-guaranteed	6.9	6.3	5.4	4.4	4.2	3.9	3.6	3.3	3.2	3.0	2.8	2.6
Other	22.9	36.8	51.9	61.8	67.2	70.6	73.2	78.0	83.1	94.2	106.7	114.8
Farm	3.0	4.8	5.6	6.0	6.3	6.8	7.5	8.8	10.5	12.2	12.8	13.1
Savings and loan associations:												
Loans made [3]	14.3	23.8	25.8	60.0	47.8	62.6	90.7	123.8	128.2	116.9	86.7	63.1
Loans outstanding [4]	60.1	110.3	150.3	231.7	249.3	278.6	323.0	381.2	432.9	475.8	502.8	517.9
FHA-insured	3.5	5.1	10.2	15.1	14.5	16.5	14.7	13.9	13.2	13.0	12.8	12.0
VA-guaranteed	7.2	6.4	8.5	14.7	15.3	14.0	16.6	16.2	15.8	15.6	15.0	14.2
Conventional	49.3	98.8	131.7	202.0	219.4	248.0	291.7	351.0	403.9	447.2	475.0	491.7

[1] Includes loans held by nondeposit trust companies; excludes holdings of trust departments of commercial banks. [2] Includes a small amount of farm loans not shown separately. [3] Includes Guam. [4] Includes shares pledged against mortgage loans, and beginning 1970, junior liens and real estate sold on contract.

Source: U.S. Department of Housing and Urban Development, *The Supply of Mortgage Credit, 1970-1979;* and monthly and quarterly press releases based on the Survey of Mortgage Lending Activity.

No. 844. Consumer Credit: 1960 to 1982

[**In billions of dollars, except percent.** Estimated amounts of credit outstanding as of **end of year or month**; extended and repaid, for entire year or month. See also *Historical Statistics, Colonial Times to 1970*, series X 551-560]

TYPE OF CREDIT	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982, May
Credit outstanding	**65.2**	**103.2**	**143.1**	**203.1**	**213.4**	**223.1**	**246.9**	**289.2**	**337.9**	**377.0**	**385.2**	**409.5**	**409.5**
Ratio to disposable personal income [1] (percent)	18.5	21.7	20.6	22.2	21.4	20.4	20.8	22.0	22.9	22.8	21.1	20.2	(NA)
Installment	45.1	73.9	105.5	155.1	164.6	172.0	193.5	230.6	273.6	312.0	313.5	333.4	329.3
Automobile paper	18.1	29.4	36.3	53.8	54.3	57.2	67.7	82.9	101.6	116.4	116.8	126.4	127.2
Revolving	(NA)	(NA)	5.1	11.7	13.7	15.0	17.2	39.3	48.3	57.0	58.4	63.1	58.6
Mobile home paper	(NA)	(NA)	2.5	13.6	14.6	14.4	14.6	15.0	15.2	16.8	17.3	18.5	18.5
All other loans	27.0	44.5	61.6	76.0	82.0	85.3	94.1	93.4	108.5	121.9	121.0	125.4	125.6
Noninstallment	20.1	29.3	37.6	48.0	48.8	51.1	55.4	58.6	64.3	65.0	71.7	76.1	80.2
Single-payment loans	9.1	15.5	19.3	27.3	26.8	27.4	28.8	32.8	35.8	35.8	40.0	42.4	44.4
Charge accounts	7.2	8.3	9.2	10.7	11.2	11.7	13.2	11.0	12.0	12.8	13.1	14.4	12.5
Service credit	3.7	5.5	9.1	10.0	10.9	12.0	13.4	14.8	16.4	16.4	18.6	19.3	23.3
Installment credit:													
Extended	50.8	79.9	115.1	173.0	172.8	180.1	210.7	257.6	297.7	324.8	306.1	336.3	29.2
Liquidated	47.0	71.6	110.4	152.8	163.3	172.7	189.2	222.1	254.5	286.4	304.6	316.5	27.8
Net change	3.8	8.3	4.7	20.2	9.5	7.4	21.6	35.5	43.1	38.4	1.4	19.9	1.4
Ratio: Liquidations to disposable income [1] [2] (percent)	13.3	15.0	15.9	16.7	16.4	15.8	15.8	17.0	17.4	17.4	16.7	15.7	15.6
Life insurance policy loans [3]	5.2	7.7	16.1	20.2	22.9	24.5	25.8	27.6	30.1	34.8	38.9	48.7	51.0
Delinquency rate, bank installment loans [4]	1.93	1.81	2.14	2.53	3.13	2.77	2.57	2.62	2.71	2.93	2.82	2.61	[5] 2.10

NA Not available. [1] See table 703. [2] Seasonally adjusted. [3] Source: American Council of Life Insurance, Washington, D.C. Figures are annual statement asset values. These loans are not included in "Credit outstanding." [4] Number of closed end (excluding revolving credit and bank cards) loans delinquent 30 days or more as a percentage of total installment loans outstanding. Source: American Bankers Association, Washington, D.C., *Delinquency Rates on Bank Installment Loans.* [5] March.

Source: Except as noted, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 845. Consumer Installment Credit Outstanding, by Holder: 1960 to 1982

[**In billions of dollars.** As of **end of year or month.** Estimated]

HOLDER	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982, May
Total	**45.0**	**73.9**	**105.5**	**155.1**	**164.6**	**172.0**	**193.5**	**230.5**	**273.6**	**312.0**	**313.5**	**333.4**	**329.3**
Commercial banks	18.7	31.8	48.7	75.9	80.1	82.9	93.7	112.4	136.1	154.2	147.0	149.3	146.1
Finance companies	15.4	23.9	27.6	35.4	36.1	36.0	38.9	44.9	54.3	68.3	76.8	89.8	92.0
Credit unions	3.9	7.3	13.0	19.6	21.9	25.7	31.2	37.6	44.3	46.5	44.0	46.0	45.5
Retailers [1]	6.3	9.8	13.9	16.6	18.1	18.2	19.3	23.5	26.0	28.1	28.5	29.6	26.5
Other [2]	.7	1.1	2.3	7.6	8.4	9.2	10.5	12.2	13.0	14.9	17.2	18.8	19.2

[1] Excludes 30-day charge credit held by retailers, oil and gas companies, and travel and entertainment companies.
[2] Includes mutual savings banks, savings and loan associations, and gasoline companies.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 846. Installment Credit—Finance Rates on Selected Types of Credit for Commercial Banks and Finance Companies: 1972 to 1982

[**Percent per year.** Annual averages, except as indicated. Commercial bank rates are "most common" rates for direct loans with specified maturities; finance company rates are weighted averages for purchased contracts, except personal loans]

TYPE	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982, May
Commercial banks:											
New automobiles (36 months)	10.05	10.21	10.97	11.36	11.07	10.92	11.02	12.02	14.30	16.54	17.20
Mobile homes (84 months)	10.79	10.94	11.45	11.82	11.75	11.84	12.09	12.77	14.99	17.45	18.23
Other consumer goods (24 months)	12.46	12.60	12.99	13.08	13.02	12.97	13.19	13.85	15.47	18.09	18.90
Personal loans (12 months)	12.68	12.83	13.26	13.41	13.30	13.39	13.61	14.09	15.68	18.47	19.42
Credit-card plans	17.21	17.21	17.21	17.16	17.05	16.89	17.03	17.03	17.31	17.78	18.41
Finance companies:											
New automobiles	11.90	12.08	12.61	13.12	13.17	13.14	13.14	13.48	14.84	15.91	14.78
Used automobiles	16.53	16.70	17.18	17.64	17.63	17.62	17.63	17.95	19.10	19.98	20.84
Mobile homes	12.42	12.78	13.29	13.63	13.44	13.58	13.43	13.64	15.47	16.89	19.01
Other consumer goods	19.35	18.87	19.09	19.78	19.51	19.21	19.04	19.08	20.61	18.11	22.74
Personal loans	21.09	20.61	20.74	20.97	21.04	20.54	20.52	20.49	21.13	21.68	22.98

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly, and *Annual Statistical Digest.*

No. 847. Money Stock and Money in Circulation: 1960 to 1981

[In billions of dollars, except as indicated. Prior to 1970, as of June 30; thereafter, as of Dec. 31. See *Historical Statistics, Colonial Times to 1970*, series X 423, for money in circulation]

KIND OF MONEY	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981
Total money stock	**42.4**	**50.2**	**68.1**	**85.9**	**93.0**	**92.1**	**100.1**	**111.9**	**124.7**	**138.5**	**154.0**	**165.5**
Percent gold	45.6	27.7	15.5	13.5	12.5	12.6	11.6	10.5	9.4	8.1	7.3	6.8
Bullion and coin, total	24.2	18.9	17.1	19.7	20.3	21.2	21.8	22.4	22.9	23.7	24.4	25.0
Gold [1]	19.3	13.9	10.6	11.6	11.7	11.6	11.6	11.7	11.7	11.2	11.2	11.2
Cupronickel-clad dollars	–	–	–	.3	.3	.5	.6	.6	.7	1.4	1.5	1.5
Subsidiary and minor coin	2.1	3.2	6.0	7.3	7.8	8.6	9.2	9.6	10.1	10.6	11.2	11.8
Other [2]	2.7	1.8	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
Paper currency, net	39.8	46.0	61.5	77.7	84.3	82.5	89.9	101.1	113.4	125.9	140.8	151.6
Federal Reserve notes and bank notes	28.5	37.4	53.8	68.2	75.2	81.9	89.4	100.6	112.9	125.4	140.3	151.1
Gold certificates, net [3 4]	8.5	7.4	7.1	8.9	8.6	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)	(Z)
Other	2.8	1.2	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
Money in circulation	32.1	39.7	57.1	72.5	79.7	86.5	93.7	103.8	114.6	125.6	137.2	145.6
Per capita (dol.)	177	204	276	343	375	403	433	477	522	566	600	630

– Represents zero. Z Less than $50 million. [1] Valued at $35 per fine ounce until May 7, 1972; valued at $38 per fine ounce until October 18, 1973; $42 thereafter. Excludes gold deposited with U.S. by International Monetary Fund from September 1965 to February 1972. [2] Includes standard silver dollars. [3] Includes gold certificates outside Treasury, credits payable in gold certificates, and redemption fund for Federal Reserve notes. [4] Beginning 1975, not comparable with earlier years because of decision by Federal Reserve Banks to pledge substantially all gold certificates against Federal Reserve notes outstanding.

Source: U.S. Dept. of the Treasury, 1960–1980, *Statistical Appendix to the Annual Report of the Secretary of the Treasury on the State of the Finances;* thereafter, *Monthly Statement of United States Currency and Coin*, Form 1028; and unpublished data.

No. 848. Money in Circulation, by Denomination: 1960 to 1981

[In millions of dollars. As of December 31]

DENOMINATION	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981
Total [1]	**32,869**	**42,056**	**57,093**	**72,497**	**79,743**	**86,547**	**93,717**	**103,811**	**114,645**	**125,600**	**137,244**	**145,566**
Coin and small currency	**23,521**	**29,642**	**39,639**	**48,288**	**51,606**	**54,865**	**57,645**	**62,543**	**66,693**	**70,693**	**73,893**	**76,517**
Coin	2,427	4,027	6,281	7,759	8,332	8,959	9,483	10,071	10,739	11,658	12,419	13,084
$1 [2]	1,533	1,908	2,310	2,639	2,720	2,809	2,858	3,038	3,194	3,308	3,499	3,613
$2	88	127	136	135	135	135	637	650	661	671	677	680
$5	2,246	2,618	3,161	3,614	3,718	3,841	3,905	4,190	4,393	4,549	4,635	4,797
$10	6,691	7,794	9,170	10,226	10,503	10,777	10,775	11,361	11,661	11,894	11,924	11,824
$20	10,536	13,369	18,581	23,915	26,197	28,344	29,987	33,233	36,045	38,613	40,739	42,519
Large currency	**9,348**	**12,214**	**17,454**	**24,210**	**28,137**	**31,681**	**36,072**	**41,269**	**47,952**	**54,907**	**63,352**	**69,049**
$50	2,815	3,540	4,896	6,514	7,444	8,157	9,026	10,079	11,279	12,585	13,731	14,889
$100	5,954	8,135	12,084	17,288	20,298	23,139	26,668	30,818	36,306	41,960	49,264	53,807
$500	249	245	215	185	179	175	172	169	167	164	163	161
$1,000	316	288	252	216	209	204	200	197	194	192	189	187
$5,000	3	3	3	2	2	2	2	2	2	2	2	2
$10,000	10	4	4	4	4	4	4	4	4	4	3	3

[1] Outside Treasury and Federal Reserve banks. [2] Paper currency only; $1 silver coins reported under coin.

Source: 1960–1973, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly; thereafter, U.S. Dept. of the Treasury, *Monthly Statement of United States Currency and Coin*, Form 1028.

No. 849. Bank Debits and Deposit Turnover: 1970 to 1982

[Annual averages of monthly data, except as indicated]

ITEM	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982, May [1]
Debits to demand deposits (tril. dol.):											
All commercial banks	11.3	18.9	22.9	25.0	29.2	34.4	40.3	49.8	63.0	80.1	87.5
Major New York City banks	4.0	6.8	8.4	9.7	11.5	13.9	15.0	18.5	25.2	33.6	37.4
Other banks	7.3	12.1	14.5	15.4	17.7	20.5	25.3	31.3	37.8	46.4	50.1
Demand deposit turnover rate: [2]											
All commercial banks	63.3	84.8	98.9	105.3	116.7	129.2	138.9	163.5	201.6	281.4	315.8
Major New York City banks	170.0	274.0	321.3	356.9	411.7	503.3	542.0	646.2	813.7	1,100.5	1,292.8
Other banks	47.0	61.2	70.5	72.9	79.7	85.9	96.7	113.3	134.3	182.8	202.0

[1] Seasonally adjusted. [2] Computed by dividing debits during a period (converted to an annual rate) by average deposits against which debits are made; indicates number of times a deposit dollar is used during the period.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 850. Money Stock Measures and Components: 1960 to 1982

[In billions of dollars, except percent. As of December, except as indicated. Seasonally adjusted averages of daily figures. See *Historical Statistics, Colonial Times to 1970*, series X 410-417 for similar data]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982, May
Measures: [1]												
M1	142	170	217	277	291	310	336	363	389	415	441	451
M2	312	460	629	911	1,027	1,171	1,298	1,404	1,519	1,656	1,822	1,895
M3	314	481	675	1,064	1,166	1,305	1,465	1,629	1,779	1,963	2,188	2,275
L	403	585	817	1,250	1,377	1,531	1,724	1,939	2,154	2,370	2,641	(NA)
Components:												
Currency	29	36	49	68	74	81	89	97	106	116	123	127
Demand deposits	113	133	166	207	214	224	240	254	262	267	236	233
Traveler's checks	(z)	1	1	2	2	3	3	4	4	4	4	4
Other checkable deposits [2]	(z)	(z)	(z)	(z)	1	3	4	8	17	27	77	87
Savings deposits	159	257	259	336	388	452	490	480	422	399	344	351
Small denomination time deposits [3]	13	35	154	290	341	397	454	534	653	752	855	894
Large denomination time deposits [4]	2	21	45	144	130	118	145	195	222	258	300	320
Short-term Treasury securities	37	41	49	54	77	81	90	99	129	157	176	(NA)
Savings bonds	46	50	52	63	67	72	76	80	80	72	68	(NA)
Money market mutual fund shares [2]	(NA)	(NA)	(NA)	2	3	4	4	10	43	76	185	196
Commercial paper	5	10	35	50	48	52	63	79	97	98	104	(NA)
Bankers' acceptances	1	2	3	11	8	9	12	21	27	32	40	(NA)
Term repurchase agreements (RP's) [2]	(NA)	(NA)	1	8	9	15	21	28	30	38	35	33
Overnight repurchase agreements (RP's) [2]	(NA)	(NA)	1	7	8	14	18	22	23	31	31	35
Term Eurodollars [2]	1	2	2	8	10	13	19	30	43	48	66	(NA)
Overnight Eurodollars [2]	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1	2	4	5	7	7
Annual percent change: [5]												
M1	.7	4.7	5.2	4.4	4.9	6.7	8.1	8.3	7.1	6.6	6.4	5.4
M2	4.9	8.1	6.3	5.6	12.7	14.1	10.8	8.2	8.2	9.0	10.0	9.6
M3	5.2	9.2	9.9	8.4	9.6	11.9	12.2	11.2	9.2	10.3	11.4	9.5
L	3.9	8.1	6.7	9.3	10.1	11.2	12.6	12.4	11.1	10.1	11.4	(NA)

NA Not available. Z Less than $500 million. [1] M1 is currency plus demand deposits plus traveler's checks of nonbank issuers plus other checkable deposits at banks and thrift institutions; M2 is M1 plus overnight RP's and Eurodollars, balances of money market mutual fund shares, and savings and small time deposits at commercial banks and thrift institutions; M3 is M2 plus large time deposits and term RP's at commercial banks and thrift institutions (general purpose and broker/dealer) and balance of institutions—only money market mutual funds; and L is M3 plus other liquid assets such as term Eurodollars, savings bonds, short-term Treasury securities, bankers' acceptances, and commercial paper. [2] Not seasonally adjusted. [3] Issued in amounts of less than $100,000. Includes retail repurchase agreements. [4] Issued in amounts of $100,000 or more and are net of holdings of domestic banks, thrift institutions, the U.S. Government, money market mutual funds, and foreign banks and official institutions. [5] From previous year shown; for 1960, from 1959. For definition of average annual percent change, see Guide to Tabular Presentation.

No. 851. Time and Savings Deposits Held by Insured Commercial Banks—Deposits and Interest Rates: 1978 to 1982

TYPE OF DEPOSITS	OUTSTANDING BALANCES (bil. dol.)					AVERAGE OF MOST COMMON RATE PAID [1]				
	1978, July	1979, July	1980, July	1981, July	1982, Jan.	1978, July	1979, July	1980, July	1981, July	1982, Jan.
Total time and savings deposits [2]	**576.4**	**625.1**	**685.2**	**803.7**	**877.1**	**5.65**	**6.25**	**6.64**	(NA)	(NA)
Savings	220.6	217.5	204.1	202.0	219.0	4.93	5.15	5.19	5.21	5.23
Club accounts	2.1	2.2	2.2	2.2	.9	(NA)	(NA)	(NA)	4.04	4.36
Fixed ceiling time deposits, less than $100,000 [3]	159.0	142.9	94.3	62.5	47.8	(NA)	(NA)	(NA)	(NA)	(NA)
Domestic governmental units	(NA)	(NA)	(NA)	1.9	2.0	(NA)	(NA)	(NA)	(NA)	(NA)
Other than domestic governmental units	(NA)	(NA)	(NA)	60.6	45.8	(NA)	(NA)	(NA)	(NA)	(NA)
IRA and Keogh plan time deposits	2.8	4.5	5.3	6.7	8.7	7.62	7.86	8.43	10.31	13.14
With maturities of 3 years or more or variable ceiling rates	2.8	4.5	5.3	6.7	7.2	7.62	7.86	8.43	10.31	12.88
Ceiling-free IRA's with maturities of 1½ years	(NA)	(NA)	(NA)	(NA)	1.5	(NA)	(NA)	(NA)	(NA)	14.17
All savers certificates, tax exempt, with maturities of exactly 1 year	(NA)	(NA)	(NA)	(NA)	19.7	(NA)	(NA)	(NA)	(NA)	(NA)
Money market certificates, $10,000 or more with maturities of exactly 6 months [4]	5.4	64.2	147.9	217.9	218.8	7.42	9.25	8.18	15.06	13.67
Small savers certificates, less than $100,000 with maturities of 2½ years or more	(NA)	(NA)	21.7	35.9	59.6	(NA)	(NA)	9.17	11.74	13.76
Interest-bearing time deposits of $100,000 or more	174.0	189.3	205.4	272.2	296.8	(NA)	(NA)	(NA)	(NA)	(NA)
Non-interest bearing time deposits	4.3	4.5	4.3	4.4	4.3	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. [1] The most common interest rate paid is based on the largest dollar volume of new deposits in the two-week period just preceding the survey date for all deposit categories, except money market certificates and small savers certificates, which are based on the single week ending on the survey date. [2] Includes other types of deposits not shown separately. [3] Excludes IRA and Keogh plan accounts, all savers certificates, money market certificates, and small savers certificates. [4] Excludes accounts held in IRA and Keogh plans.

Source of tables 850 and 851: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 852. Money Market Interest Rates: 1960 to 1982

[**Percent per year.** Annual averages of monthly data, except as indicated. See also *Historical Statistics, Colonial Times to 1970*, series X 444–453]

TYPE	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981	1982, Jan.–May [1]
Federal funds, effective rate	3.22	4.07	7.18	10.50	5.82	5.04	5.54	7.93	11.19	13.36	16.38	14.41
Commercial paper, 3-month [2]	(NA)	(NA)	(NA)	10.01	6.25	5.24	5.55	7.94	10.97	12.66	15.32	13.78
Prime rate charged by banks	4.82	4.54	7.91	10.81	7.86	6.84	6.83	9.06	12.67	15.27	18.87	16.36
Eurodollar deposits, 3-month	(NA)	(NA)	8.52	11.04	7.03	5.58	6.03	8.78	11.96	14.00	16.79	14.93
Finance paper, 3-month [3]	3.54	4.21	7.18	8.65	6.15	5.20	5.49	7.80	10.47	11.49	14.08	13.00
Bankers acceptances, 90-day [4]	3.51	4.22	7.31	9.89	6.29	5.19	5.60	8.11	11.04	12.78	15.32	13.70
Large negotiable certificates of deposit, 3-month, secondary market	(NA)	4.35	7.56	10.24	6.44	5.27	5.64	8.22	11.22	13.07	15.91	14.19
Federal Reserve discount rate [5]	3–4	4–4½	5½–6	7½–8	6–7¾	5¼–6	5¼–6	6–9½	9½–12	10–13	12–14	12
U.S. Government securities: [6]												
3-month Treasury bill	2.87	3.95	6.39	7.83	5.77	4.97	5.27	7.19	10.07	11.43	14.03	12.65
6-month Treasury bill	3.20	4.06	6.48	7.94	6.09	5.25	5.53	7.58	10.06	11.37	13.80	12.84
1-year Treasury bill	3.41	4.06	6.48	7.70	6.28	5.52	5.71	7.74	9.75	10.89	13.14	12.56
Prime 1-year municipals [7]	2.05	2.35	4.35	4.75	3.91	3.12	2.91	4.15	5.34	6.25	7.92	[8] 7.75

NA Not available. [1] Monthly average. [2] Averages of daily offering rates of dealers. [3] Placed directly; averages of daily offering rates quoted by finance companies. [4] Averages of the most representative daily offering rates of dealers. Beginning Aug. 15, 1974, closing rates were used, and from Jan. 1, 1981, rates of top-rated banks only. [5] Federal Reserve Bank of New York, low and high. The discount rates for 1980 and 1981 do not include the surcharge applied to frequent borrowings by large institutions. The surcharge reached 3 percent in 1980 and 4 percent in 1981. Surcharge was eliminated in Nov. 1981. [6] Averages based on daily closing bid yields in secondary market, bank discount basis. [7] Averages based on quotations for one day each month. Source: Salomon Brothers, Inc., New York, N.Y., *An Analytical Record of Yields and Yield Spreads.* [8] Jan.–June 1982.

Source: Except as noted, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly, and *Annual Statistical Digest.*

No. 853. Federal Reserve Bank of New York—Discount Rates: 1973 to 1982

[**Percent per year.** See also *Historical Statistics, Colonial Times to 1970*, series X 454–455]

EFFECTIVE DATE	RATE	EFFECTIVE DATE	RATE	EFFECTIVE DATE	RATE	EFFECTIVE DATE	RATE	EFFECTIVE DATE	RATE
1973: Jan. 15	5	1975: Jan. 10	7¼	1978—Con.		1979—Con.		1980—Con.	
Feb. 26	5½	Feb. 5	6¾	May 11	7	Sept. 19	11	Dec. 5	13
May 4	5¾	Mar. 10	6¼	July 3	7¼	Oct. 8	12	1981: [1] May 5	14
May 11	6	May 16	6	Aug. 21	7¾	1980: [1] Feb. 15	13	Nov. 2	13
June 11	6½	1976: Jan. 19	5½	Sept. 22	8	May 30	12	Dec. 4	12
July 2	7	Nov. 22	5¼	Oct. 16	8½	June 13	11	In effect June 30, 1982	12
Aug. 14	7½	1977: Aug. 31	5¾	Nov. 1	9½	July 28	10		
1974: Apr. 25	8	Oct. 26	6	1979: July 20	10	Sept. 26	11		
Dec. 9	7¾	1978: Jan. 9	6½	Aug. 17	10½	Nov. 17	12		

[1] See table 852, footnote 5.

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 854. Bank Effective Interest Rates for Commercial and Industrial Loans, Construction and Land Development Loans, and Farm Loans, by Size of Loan: 1980 to 1982

[**In percent.** Represents loans made during the first full business week in May. Based on a stratified random sample of member banks of the Federal Reserve System and nonmember banks, totaling approximately 340 banks]

TYPE AND SIZE OF LOAN	1980	1981	1982	TYPE AND SIZE OF LOAN	1980	1981	1982
Commercial and industrial loans:				**Construction and land development loans**	**18.32**	**19.09**	**17.80**
Short-term	**17.75**	**19.99**	**17.11**	$1,000 to $24,999	17.14	19.83	19.13
$1,000 to $24,999	17.90	19.45	18.51	$25,000 to $49,999	15.68	19.06	18.81
$25,000 to $49,999	18.78	19.87	18.56	$50,000 to $99,999	18.69	16.10	17.97
$50,000 to $99,999	18.95	19.10	18.06	$100,000 to $499,999	19.56	20.74	18.45
$100,000 to $499,999	18.49	19.93	17.77	$500,000 and over	16.99	19.35	16.96
$500,000 to $999,999	19.13	19.58	17.98				
$1 million and over	17.10	20.14	16.94	**Farm loans**	**17.38**	**17.88**	**17.77**
				$1,000 to $9,999	16.46	17.50	17.69
Long-term	**18.37**	**19.25**	**16.96**	$10,000 to $24,999	16.98	17.59	17.59
$1,000 to $99,999	18.26	19.22	18.80	$25,000 to $49,999	17.10	17.67	17.59
$100,00 to $499,999	18.64	19.34	17.59	$50,000 to $99,999	17.38	17.78	18.01
$500,000 to $999,999	18.52	19.48	17.29	$100,000 to $249,999	17.40	17.97	17.76
$1 million and over	18.30	19.23	16.69	$250,000 and over	18.14	18.46	17.91

Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 855. Bond Yields, Stock Yields, and Mortgage Rates: 1960 to 1981

[**Percent per year.** Annual averages of monthly data, except as indicated. See also *Historical Statistics, Colonial Times to 1970*, series X 474–491]

TYPE	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981
U.S. Treasury, constant maturities: [1]												
3-year	3.98	4.22	7.29	6.95	7.82	7.49	6.77	6.69	8.29	9.72	11.55	14.44
5-year	4.09	4.25	7.38	6.87	7.80	7.77	7.18	6.99	8.32	9.52	11.48	14.24
10-year	4.12	4.28	7.35	6.84	7.56	7.99	7.61	7.42	8.41	9.44	11.46	13.91
20-year	4.06	4.27	6.86	7.12	8.05	8.19	7.86	7.67	8.48	9.33	11.39	13.72
U.S. Govt., 3–5 year issues [2]	3.99	4.22	7.37	6.92	7.81	7.55	6.94	6.85	8.30	9.58	(NA)	(NA)
U.S. Govt., long-term bonds [2 3]	4.01	4.21	6.58	6.30	6.98	6.98	6.78	7.06	7.89	8.74	10.81	12.87
State and local govt. bonds, Aaa [4]	3.26	3.16	6.12	4.99	5.89	6.42	5.66	5.20	5.52	5.89	7.84	10.42
State and local govt. bonds, Baa [4]	4.22	3.57	6.75	5.47	6.53	7.62	7.49	6.12	6.27	6.72	9.00	11.75
High-graded municipal bonds (Standard & Poor's) [5]	3.73	3.27	6.51	5.18	6.09	6.89	6.49	5.56	5.90	6.39	8.51	11.23
Municipal (Bond Buyer, 20 bonds)	3.52	3.27	6.35	5.19	6.17	7.05	6.64	5.68	6.03	6.52	8.59	11.33
Corporate Aaa seasoned [4]	4.41	4.49	8.04	7.44	8.57	8.83	8.43	8.02	8.73	9.63	11.94	14.17
Corporate Baa seasoned [4]	5.19	4.87	9.11	8.24	9.50	10.61	9.75	8.97	9.49	10.69	13.67	16.04
Corporate Aaa utility bonds [6]	4.73	4.57	8.72	7.67	9.01	9.17	8.46	8.12	8.90	9.92	12.68	15.65
Corporate, by years to maturity: [7]												
5 years	4.73	4.29	8.10	6.85	7.47	7.70	7.96	7.25	7.75	9.40	12.80	13.25
10 years	4.60	4.33	8.00	7.05	7.67	8.00	8.18	7.60	7.98	9.35	12.40	13.00
20 years	4.55	4.35	7.60	7.20	7.80	8.35	8.30	7.75	8.20	9.08	12.30	13.00
30 years	4.55	4.37	7.60	7.20	7.80	8.35	8.30	7.95	8.25	9.10	12.30	13.00
Corporate (Moody's) [4]	4.73	4.64	8.51	7.80	9.03	9.57	9.01	8.43	9.07	10.12	12.75	15.06
Industrials (40 bonds)	4.59	4.61	8.26	7.60	8.78	9.25	8.84	8.28	8.90	9.85	12.35	14.50
Railroads (23 bonds)	4.92	4.72	8.77	8.12	8.98	9.39	8.85	8.13	8.64	9.60	11.48	13.22
Public utilities (40 bonds)	4.69	4.60	8.68	7.83	9.27	9.88	9.17	8.58	9.22	10.39	13.15	15.62
Stocks (Standard & Poor's): [5]												
Preferred (10 stocks) [8]	4.75	4.33	7.22	7.23	8.24	8.36	7.98	7.61	8.25	9.11	10.60	12.36
Common: Composite (500 stocks)	3.47	3.00	3.83	3.06	4.47	4.31	3.77	4.62	5.28	5.47	5.26	5.20
Industrials (400 stocks)	3.36	2.94	3.62	2.79	4.13	3.96	3.48	4.43	5.06	5.20	4.95	4.90
Home mortgages: [9]												
FHA insured, secondary market	6.16	5.47	9.03	8.19	9.55	9.19	8.82	8.68	9.70	10.87	13.44	16.29
Conventional, new-home [10]	(NA)	5.83	8.52	8.30	9.22	9.10	8.99	8.95	9.68	11.15	13.95	16.52
Conventional, existing-home [10]	(NA)	5.89	8.56	8.33	9.23	9.14	9.04	9.00	9.70	11.16	13.95	16.55

NA Not available. [1] Yields on the more actively traded issues adjusted to constant maturities by the U.S. Treasury, based on daily closing bid prices. [2] Unweighted averages for all outstanding notes and bonds in maturity ranges shown, based on daily closing bid prices. [3] Includes all bonds neither due nor callable in less than 10 years. [4] Source: Moody's Investors Service, New York, N.Y. [5] Source: Standard & Poor's Corp., New York, N.Y., *Standard & Poor's Outlook*, weekly. [6] Based on first trading day of each month, deferred call, new issue estimate. Source: Salomon Brothers, Inc., New York, N.Y., *An Analytical Record of Yields and Yield Spreads*. [7] Source: Scudder, Stevens & Clark, New York, N.Y., unpublished data.
[8] Prior to Sept. 9, 1965, yields based on 14 stocks, 8 yields; thereafter, 10 stocks, 4 yields. Issues converted to a price equivalent to $100 par and a 7 percent annual dividend before averaging. [9] Averages based on quotations for 1 day each month as compiled by FHA. [10] Primary market.

Source: Except as noted, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 856. Sales of Stocks and Options on Registered Exchanges: 1960 to 1981

[See also *Historical Statistics, Colonial Times to 1970*, series X 517–530]

EXCHANGE	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
ALL EXCHANGES												
Market value, all sales [1]	**Bil. dol.**	**47**	**93**	**136**	**125**	**167**	**203**	**198**	**269**	**323**	**522**	**533**
Stocks: [2] Market value	Bil. dol.	45	89	131	118	157	195	187	249	300	476	491
Shares	Million	1,389	2,587	4,539	4,846	6,231	7,036	7,023	9,483	10,850	15,486	15,910
Options: Market value	Mil. dol	(NA)	(NA)	(NA)	(NA)	(NA)	11,734	10,899	19,703	22,860	45,789	41,696
Contracts	Million	(NA)	(NA)	(NA)	(NA)	(NA)	31	39	60	64	97	109
Rights and warrants:												
Market value	Mil. dol	75	305	576	394	294	256	190	345	754	567	328
Number of units	Million	51	82	295	104	150	90	112	82	115	99	59
Option exercises: Value	Mil. dol	(NA)	(NA)	(NA)	(NA)	(NA)	2,872	3,696	5,392	10,863	20,351	34,649
Shares	Million	(NA)	(NA)	(NA)	(NA)	(NA)	1	1	1	2	5	7
NEW YORK STOCK EXCHANGE												
Market value, all sales [1]	**Bil. dol**	**40**	**77**	**108**	**106**	**143**	**165**	**157**	**211**	**252**	**398**	**416**
Stocks: [2] Market value	Bil. dol	38	73	103	99	134	165	157	210	251	398	416
Shares	Million	958	1,809	3,213	3,822	5,056	5,649	5,613	7,617	8,675	12,390	12,843
Rights and warrants:												
Market value	Mil. dol	13	34	257	192	168	133	89	124	484	338	165
Number of units	Million	29	58	233	63	108	53	62	42	84	71	41
Sales by size: [3]												
At 100 shares	Percent	(NA)	(NA)	51.7	45.3	41.4	38.1	35.6	32.9	31.6	31.0	29.2
At 200–900 shares	Percent	(NA)	(NA)	40.7	45.7	47.8	49.2	49.7	50.1	49.8	49.1	48.4
At 1,000 shares and over	Percent	(NA)	(NA)	6.4	9.0	10.8	12.7	14.6	17.0	18.6	19.9	22.4

NA Not available. [1] Includes bond sales through 1975, not shown separately. [2] Includes voting trust certificates, American depositary receipts, and certificates of deposit for stocks. [3] Sales printed on New York Stock Exchange. Source: New York Stock Exchange, Inc., New York, N.Y., *Fact Book*, annual.

Source: Except as noted, U.S. Securities and Exchange Commission, *SEC Monthly Statistical Review*.

No. 857. Security Prices and Volume of Trading: 1965 to 1981

[Annual averages of monthly figures, except as noted. See also *Historical Statistics, Colonial Times to 1970*, series X 492-498]

CLASS OR ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981
Bond prices (dollars per $100 bond):											
Standard & Poor's: Municipal [1]	110.6	72.3	85.4	76.3	68.9	72.5	81.3	77.9	73.4	57.4	43.3
Corporate AAA [1]	93.9	61.6	63.7	58.8	56.2	58.0	59.6	55.6	51.1	41.4	33.7
Stock prices:											
Standard & Poor's common index (500 stocks) (1941-43=10) [2]	88.2	83.2	107.4	82.8	86.1	102.0	98.2	96.0	102.8	118.7	128.1
Industrial	93.5	91.3	120.4	92.9	96.6	114.4	109.4	106.3	114.8	134.5	144.3
N.Y. Stock Exchange common stock index (Dec. 31, 1965=50), composite	47.4	45.7	57.4	43.8	45.7	54.5	53.7	53.7	58.3	68.1	74.0
Industrial	(NA)	48.0	63.1	48.1	50.5	60.4	57.8	56.3	64.8	78.6	85.4
Transportation	(NA)	32.1	37.7	31.9	31.1	39.6	41.1	43.3	47.3	60.5	72.6
Utility	(NA)	37.2	37.7	29.8	31.5	37.0	40.9	39.2	38.2	37.3	38.9
Finance	(NA)	54.6	70.1	49.7	47.1	52.9	55.2	56.7	61.4	64.3	73.5
American Stock Exchange Market Value Index (Aug. 31, 1973=100)	(NA)	96.63	103.80	79.97	83.06	101.63	116.18	144.37	195.53	300.94	343.58
Dow-Jones and Co. Inc., total (65 stocks) [3]	318.5	243.9	286.7	237.3	247.3	303.9	301.7	283.6	293.5	328.2	364.6
Industrial (30 stocks)	910.9	753.2	923.8	759.4	802.8	974.9	894.6	820.2	844.4	891.4	932.9
Transportation (20 stocks)	216.4	152.4	180.6	164.1	163.4	214.0	225.2	222.6	237.8	307.2	398.6
Public utility (15 stocks)	157.9	108.8	103.4	75.8	79.8	92.3	111.0	104.6	104.6	110.4	108.6
Wilshire 5000 equity index [4] (Dec. 31, 1980=1404.596)	(NA)	[5]830.3	952.7	713.1	763.8	903.0	892.1	913.3	1,028.8	1,220.7	1,343.7
Standard & Poor's:											
Dividend-price ratio (percent)	(NA)	3.83	3.06	4.47	4.31	3.77	4.62	5.28	5.47	5.26	5.20
Earnings-price ratio (percent)	(NA)	6.45	7.12	11.60	9.14	8.90	10.79	11.96	13.46	12.66	11.93
Volume of trading:											
Value, NYSE [6] (bil. dol.)	(NA)	95.3	137.3	92.1	126.7	159.8	150.2	199.9	238.2	374.9	389.2
Average daily shares:											
NYSE [6] (mil.)	6.2	11.6	16.1	13.9	18.6	21.2	20.9	28.6	32.2	44.9	46.9
ASE [7] (1,000)	2,120	3,319	3,015	1,906	2,138	2,562	2,582	3,923	4,349	6,427	5,310

NA Not available. [1] Derived from average yields on basis of assumed 4 percent, 20-year bond; Wednesday closing prices. [2] Effective July 1976, the index includes 400 industrial stocks (formerly 425), 20 transportation (formerly 15 rail), 40 public utility (formerly 60), and 40 financial stocks, not previously covered. [3] Source: U.S. Bureau of Economic Analysis. Based on stocks listed on the New York Stock Exchange. [4] Represents return on the market value of all common equity securities for which daily pricing is available. For 1970-1979, annual average of end of month figures; thereafter, annual average of daily figures. Source: Wilshire Financial Services, Santa Monica, California, releases. [5] Represents Dec. 31, 1970. [6] Source: New York Stock Exchange, Inc., New York, N.Y., *Fact Book*, annual. [7] Source: American Stock Exchange, New York, N.Y., *Amex Statistical Review*, annual.

Source: Except as noted, Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

No. 858. New Corporate Securities Offered for Sale, by Type of Security and Issuer: 1960 to 1981

[**In millions of dollars.** Estimated gross proceeds derived by multiplying principal amounts or number of units by offering prices. Covers substantially all new securities offered for cash sale in U.S. in amounts over $100,000 and with terms of maturity of more than 1 year. Included are some unregistered securities offered privately for sale mainly to insurance companies as well as securities registered with the Securities and Exchange Commission under the terms of the Securities Act of 1933. See table 479 for new issues of State and local government securities. See also *Historical Statistics, Colonial Times to 1970*, series X 499-500 and X 505-506]

SECURITY AND ISSUER	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
Total	**10,154**	**14,782**	**37,451**	**37,729**	**52,539**	**52,290**	**51,836**	**46,616**	**53,086**	**78,896**	**72,503**
Publicly offered	6,657	6,486	32,524	31,028	41,759	35,910	32,211	28,398	37,014	66,562	64,964
Bonds and notes	4,806	4,688	24,365	25,335	31,492	25,263	21,929	18,881	26,468	44,650	38,615
Preferred stock	220	360	1,310	1,745	3,088	2,353	2,421	1,759	1,965	3,194	1,633
Common stock	1,631	1,438	6,849	3,947	7,179	8,296	7,857	7,760	8,581	18,718	24,716
Privately placed	3,497	8,296	4,926	6,701	10,779	16,384	19,628	18,218	16,072	12,334	7,539
Bonds and notes	3,275	7,897	4,658	6,160	10,172	15,927	17,943	16,964	14,383	11,618	6,992
Preferred stock	188	364	80	511	371	451	1,495	1,077	1,562	439	155
Common stock	33	35	188	28	235	9	188	178	127	278	392
Issuer:											
Manufacturing	2,152	5,414	10,647	10,408	18,651	15,493	13,754	11,062	11,562	24,398	17,396
Extractive	246	341	1,812	970	1,628	1,762	2,682	3,100	3,192	4,893	9,113
Electric, gas, water	2,851	2,934	11,009	12,837	15,894	14,415	13,705	12,253	13,736	15,941	14,494
Communication	1,050	945	5,291	3,930	4,464	3,562	4,442	3,640	4,694	7,401	6,158
Transportation	718	702	1,253	1,005	2,635	3,626	1,802	1,763	3,296	3,727	2,779
Financial and real estate	2,525	3,386	5,112	6,779	6,838	10,282	11,690	10,861	12,866	15,638	17,196
Commercial and other	612	1,060	2,328	1,802	2,429	3,148	3,764	3,939	3,744	6,898	5,366

Source: U.S. Securities and Exchange Commission, *SEC Monthly Statistical Review*.

No. 859. Securities Listed on N.Y. Stock Exchange: 1960 to 1981

[As of **December 31.** NA Not available]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981
Bonds:													
Face value	Bil. dol.	116	142	135	142	291	334	401	497	509	526	602	681
Market value	Bil. dol.	108	132	113	121	255	315	402	480	465	460	508	574
Average price	Dollars	93.21	93.07	83.60	85.16	87.68	91.89	100.39	96.52	91.37	87.36	84.41	84.24
Stocks:													
Shares	Billion	6.5	10.1	16.1	21.0	21.7	22.5	24.5	26.1	27.6	30.0	33.7	38.3
Market value	Bil. dol.	307	537	636	721	511	685	858	797	823	961	1,243	1,144
Average price	Dollars	47.53	53.44	39.61	34.39	23.51	30.48	35.03	30.53	29.84	31.99	36.87	29.87
Cash dividends on common stock	Bil. dol.	9.9	15.3	19.8	23.6	25.7	26.9	30.6	36.3	41.2	46.9	53.1	60.6
Industrial	Bil. dol.	(NA)	11.0	13.6	15.5	17.0	17.6	20.2	23.9	26.6	30.3	34.5	38.7
Transportation	Bil. dol.	(NA)	.6	.5	.5	.6	.6	.6	.8	.9	1.0	1.2	1.3
Utilities	Bil. dol.	(NA)	3.3	4.5	5.5	6.0	6.7	7.7	9.0	10.7	12.2	13.3	15.8
Finance	Bil. dol.	(NA)	.5	1.1	2.1	2.1	1.9	2.1	2.6	2.9	3.5	4.2	4.9

Source: New York Stock Exchange, Inc., New York, N.Y., *Fact Book*, annual.

No. 860. Stock Ownership—Characteristics of Shareowners: 1959 to 1981

[**In thousands.** Includes outlying areas, most members of the Armed Forces, citizens living abroad, and, except for income, minor children. Represents all publicly owned issues of common and preferred stocks. Based on national probability samples; see source for detailed explanation]

CHARACTERISTIC	1959	1970	1975	1980	1981
Total [1]	**12,490**	**30,850**	**25,270**	**30,200**	**32,260**
Male	5,740	15,689	12,698	15,666	17,120
Female	6,347	15,161	12,508	14,534	15,140
Age:					
Under 21 years	197	2,221	1,818	2,308	2,321
21–34 years	2,444	4,500	2,838	6,407	7,653
35–44 years	2,064	5,801	3,976	5,925	5,624
45–54 years	2,800	7,556	5,675	5,456	5,439
55–64 years	2,666	6,084	5,099	5,144	6,144
65 years and over	2,113	4,330	5,800	4,589	5,079
Education:					
High school:					
3 years or less	2,804	3,566	1,621	1,746	1,861
4 years	3,130	8,697	6,580	5,737	6,045
College: [2]					
1–3 years	2,587	5,867	5,301	9,353	10,093
4 years or more	3,566	9,999	9,886	10,613	11,880
Minors [3]	197	2,221	1,818	2,308	2,321

CHARACTERISTIC	1959	1970	1975	1980	1981
Income: [4]					
Under $5,000	3,518	2,389	780	1,742	2,164
$5,000–$9,999	5,826	5,779	2,636		
$10,000–$14,999	1,741	8,346	4,552	3,180	2,537
$15,000–$24,999	689	7,670	8,778	6,930	6,829
$25,000–$49,999	314	4,114	5,426	11,623	12,090
$50,000 and over			1,216	3,982	5,457
Residence by SMSA size: [5]					
Under 100,000	(NA)	175	328	204	208
100,000–249,000	(NA)	2,245	2,059	1,883	2,278
250,000–499,999	(NA)	2,686	2,691	2,921	3,146
500,000–999,999	(NA)	3,712	3,257	4,345	4,532
1,000,000 and over	(NA)	14,881	11,893	15,447	16,788
Nonmetropolitan areas	(NA)	6,913	4,978	5,400	5,308

NA Not available. [1] Includes small number of shareowners not distributed by breakdown. [2] Persons 21 years old and over. [3] Shareowners whose stockholdings are registered in accordance with the Gifts to Minors Statutes. [4] Adult shareowners only. [5] SMSA=Standard metropolitan statistical area. For definition, see Appendix II.

Source: New York Stock Exchange, Inc., New York, N.Y., *Shareownership*, 1959, 1970, 1975, 1980, and 1981.

No. 861. Commodity Futures Trading on U.S. Exchanges—Volume of Trading: 1960 to 1981

[**In thousands.** Prior to **1972**, for years ending **June 30**; thereafter, for years ending **December 31**]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981
Number of contracts traded	**3,878**	**8,423**	**13,356**	**25,826**	**27,733**	**32,200**	**36,876**	**42,847**	**58,462**	**75,966**	**92,096**	**98,522**
Grains and feeds [1]	2,411	5,697	5,977	9,997	13,420	14,595	17,261	19,668	22,365	27,695	36,337	32,308
Livestock and meat [2]	8	778	2,574	5,119	4,629	5,680	5,325	5,666	9,680	11,902	11,639	9,378
Foods [3]	1,289	1,722	3,458	4,949	4,154	3,692	3,868	5,161	5,149	5,925	8,659	7,255
Raw materials [4]	169	208	351	1,514	1,465	1,609	2,776	2,753	3,399	4,618	5,598	4,905
Precious metals [5]	(z)	17	995	3,820	3,826	6,376	7,209	8,232	13,983	17,996	13,171	15,690
Financial instruments [6]	–	–	–	–	–	20	239	780	2,325	5,607	12,469	22,864
Currencies [7]	–	–	1	425	241	228	198	586	1,561	2,222	4,223	6,122

– Represents zero. Z Less than 500. [1] Wheat, corn, oats, rye, soybeans, soybean meal, sunflower seeds, and grain sorghums. [2] Cattle, feeder cattle, hogs, pork bellies, imported lean beef, broilers, and turkeys. [3] Eggs, potatoes, coffee, cocoa, sugar, butter, orange juice, and edible oils. [4] Lumber, stud lumber, plywood, cotton, wool, oil and petroleum products, copper, lead, mercury, zinc, nickel, rubber, and tin. [5] Gold, silver, silver coins, platinum, and palladium. [6] GNMA certificates; treasury bills, bonds, and notes; and commercial paper. [7] Italian lira, Canadian dollars, French francs, Deutsche marks, Dutch guilders, British pounds, Japanese yens, Swiss francs, Belgian francs, and Mexican pesos.

Source: U.S. Commodity Futures Trading Commission, *Annual Report*. Data from Futures Industry Association, Washington, D.C.

No. 862. Mutual Funds—Net Assets, Sales, and Redemptions: 1960 to 1981

[In billions of dollars, except number of funds. See also *Historical Statistics, Colonial Times to 1970*, series X 536-539]

TYPE OF FUND	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Number of funds	161	170	361	410	421	431	426	452	477	505	524	564	669
Assets [1]	17.0	35.2	47.6	59.8	46.5	35.8	45.8	51.0	48.5	55.8	94.5	134.7	241.4
Money market funds	(x)	(x)	(x)	(x)	(x)	1.7	3.6	3.4	3.5	10.9	45.2	74.4	181.9
Equity funds	16.8	32.8	45.1	55.9	43.0	30.9	37.5	39.2	34.1	32.7	35.9	44.4	41.2
Income and bond funds	.2	2.5	2.5	3.9	3.5	3.2	4.7	7.8	8.4	9.3	10.1	11.1	11.0
Municipal bond funds	(x)	(x)	(x)	(x)	(x)	(x)	(x)	.5	2.3	2.6	3.0	2.9	3.1
Sales [1]	2.1	4.4	4.6	4.9	4.4	5.3	10.1	13.7	17.1	37.2	119.3	247.5	472.2
Money market funds	(x)	(x)	(x)	(x)	(x)	2.2	6.8	9.4	10.7	30.5	111.9	232.2	451.9
Equity funds	1.9	3.9	4.2	4.3	3.9	2.6	2.6	2.7	2.4	2.8	3.1	5.6	6.0
Income and bond funds	.2	.4	.4	.6	.5	.5	.7	1.2	1.6	2.0	2.0	2.6	2.3
Municipal bond funds	(x)	(x)	(x)	(x)	(x)	(x)	(x)	.5	2.1	1.8	1.7	1.8	1.5
Redemptions [1]	.8	2.0	3.0	6.6	5.7	3.9	9.6	16.4	16.7	31.5	86.8	216.5	362.6
Money market funds	(x)	(x)	(x)	(x)	(x)	.6	5.9	9.6	10.7	24.3	78.4	204.5	346.7
Equity funds	.8	1.8	2.8	6.2	5.2	3.0	3.3	6.0	4.7	5.1	5.7	5.7	5.1
Income and bond funds	.1	.2	.2	.4	.4	.3	.4	.8	.8	1.0	1.4	1.5	1.6
Municipal bond funds	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(z)	.5	1.1	.9	1.0	.8

X Not applicable. Z Less than $50 million. [1] Includes funds not shown separately.

Source: Investment Company Institute, Washington, D.C., *Mutual Fund Fact Book*, annual.

No. 863. U.S. Life Insurance Companies—Summary: 1960 to 1981

[As of December 31 or calendar years as applicable. Covers domestic and foreign business of U.S. companies. See also *Historical Statistics, Colonial Times to 1970*, series X 879 and X 890-907]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
U.S. companies	Number	1,441	1,629	1,780	1,757	1,746	1,742	1,789	1,840	1,895	1,958	1,992
Sales [2]	Bil. dol.	78.4	149.8	206.8	323.5	316.5	352.2	407.7	437.9	526.8	654.7	906.9
Ordinary	Bil. dol.	56.2	89.6	134.8	199.0	207.1	233.6	277.3	304.2	359.1	461.5	555.3
Group [1]	Bil. dol.	15.3	52.9	65.4	117.8	102.7	112.2	123.8	127.7	162.4	189.6	349.5
Industrial	Bil. dol.	6.9	7.3	6.6	6.7	6.7	6.4	6.5	6.0	5.3	3.6	2.1
Voluntary termination, ordinary policies: [2]												
All policies in force in U.S.	Rate	5.2	5.1	5.9	6.5	6.7	6.6	6.6	6.6	7.2	8.1	8.9
In force 2 years or more	Rate	3.7	3.5	3.9	4.5	4.5	4.6	4.7	4.6	5.1	5.8	6.6
Income	Bil. dol.	23.0	33.2	49.1	70.0	78.0	88.6	98.0	108.2	119.1	132.5	151.9
Life insurance premiums	Bil. dol.	12.0	16.1	21.7	27.8	29.3	31.4	33.8	36.6	39.1	40.8	47.4
Percent of total	Percent	52.2	48.5	44.2	39.7	37.6	35.4	34.5	33.8	32.8	30.8	31.2
Annuity considerations	Bil. dol.	1.3	2.2	3.7	7.7	10.2	14.0	15.0	16.3	17.9	24.0	28.6
Health insurance premiums	Bil. dol.	4.0	6.3	11.4	17.1	19.1	21.1	23.6	25.8	27.9	29.4	31.8
Investment and other	Bil. dol.	5.6	8.6	12.3	17.4	19.4	22.2	25.7	29.4	34.2	38.3	44.1
Disbursements	Bil. dol.	17.5	25.2	39.0	53.3	58.2	63.0	69.0	72.6	81.1	89.8	106.6
Payments to policyholders [3]	Bil. dol.	11.4	16.5	25.6	34.7	38.1	41.0	44.4	47.8	53.7	60.6	69.9
Percent of total	Percent	65.1	65.5	65.6	65.1	65.5	65.1	64.3	65.8	66.2	67.5	65.6
Death payments	Bil. dol.	3.4	4.9	7.2	8.9	9.3	9.7	10.2	11.1	11.8	12.9	15.8
Matured endowments	Bil. dol.	.7	1.0	1.0	1.0	1.0	1.0	.9	.9	.9	.8	.7
Annuity payments	Bil. dol.	.7	1.0	1.7	2.9	3.2	3.9	4.6	5.1	6.6	9.0	11.9
Policy dividends	Bil. dol.	1.9	2.8	3.8	4.8	5.1	5.6	6.3	6.8	7.6	8.1	9.3
Surrender values	Bil. dol.	1.7	2.0	2.9	3.7	3.8	4.2	4.3	4.5	5.5	6.4	7.2
Disability benefits	Bil. dol.	.1	.2	.2	.4	.4	.5	.5	.5	.6	.5	.6
Commissions, expenses, etc	Bil. dol.	5.9	8.4	12.9	17.9	19.4	21.3	23.9	23.7	25.9	27.8	35.1
Dividends to stockholders	Bil. dol.	.2	.2	.5	.7	.7	.7	.8	1.1	1.5	1.4	1.6
Taxes, licenses and fees	Bil. dol.	.9	1.4	2.2	3.4	3.5	4.0	4.4	5.1	5.5	4.8	4.2
Federal income taxes	Bil. dol.	.5	.7	1.2	1.9	1.9	2.2	2.5	3.0	3.3	2.6	1.8
Employed in insurance [4]	1,000	1,105	1,225	1,460	1,620	1,640	1,675	1,715	1,775	1,830	1,880	1,905

[1] Includes servicemen's group life insurance of $27.4 billion in 1965, $16.8 billion in 1970, $28.8 billion in 1974, $1.7 billion in 1975, and $44.5 billion in 1981, as well as $81.5 billion of Federal Employees' Group Life Insurance in 1981. [2] Rate is ratio of *number of policies lapsed* or surrendered (for cash, extended term), less reinstatements, to mean number of policies in force. Includes foreign companies policies, primarily Canadian. [3] Includes operations of accident and health departments of life insurance companies, not shown separately. [4] Includes life, health, and property/casualty insurance.

Source: American Council of Life Insurance, Washington, D.C. Based on data from *Life Insurance Fact Book*, and unpublished data.

No. 864. Life Insurance in Force in the U.S.—Summary: 1950 to 1981

[As of **December 31** or **calendar years**, as applicable. Prior to 1960, excludes Alaska and Hawaii. Covers life insurance with life insurance companies only. Represents all life insurance in force on lives of U.S. residents whether issued by U.S. or foreign companies. "Families" includes families, subfamilies, and unrelated individuals; see definitions, p. 1. See also *Historical Statistics, Colonial Times to 1970,* series X 879-889]

Year	Life insurance in force: All policies, number (mil.)	Life insurance in force: Value (bil. dol.): Total	Ordinary	Group	Industrial	Credit [1]	Coverage ($1,000): Per family	Per insured family	Disposable personal income per family [2] ($1,000)	Average size policy in force (dollars): Ordinary	Group	Industrial	Credit
1950	202	234	149	48	33.4	3.9	4.6	6.0	4.1	2,320	2,480	310	360
1955	252	372	217	101	39.7	14.8	6.9	8.7	5.1	2,720	3,200	350	520
1960	282	586	340	175	39.6	31.2	10.2	12.7	6.1	3,360	4,030	390	680
1965	320	901	498	306	39.8	57.0	14.6	17.8	7.7	4,660	5,060	450	850
1970	355	1,402	731	545	38.6	87.9	20.7	24.4	10.3	6,110	6,910	500	1,000
1971	357	1,503	788	581	39.2	95.0	21.7	25.5	10.8	6,440	7,170	520	1,080
1972	365	1,628	849	631	40.0	108.8	22.9	26.9	11.4	6,790	7,730	530	1,190
1973	369	1,778	928	708	40.6	101.2	24.4	28.8	12.6	7,230	8,010	540	1,300
1974	380	1,985	1,009	827	39.4	109.6	26.5	31.2	13.3	7,690	8,840	550	1,310
1975	380	2,140	1,083	905	39.4	112.0	28.1	33.0	14.4	8,090	9,360	570	1,410
1976	382	2,343	1,178	1,003	39.2	123.6	30.1	35.0	15.3	8,610	10,010	580	1,580
1977	390	2,583	1,289	1,115	39.0	139.4	32.4	37.7	16.5	9,240	10,550	590	1,760
1978	401	2,870	1,425	1,244	38.1	163.1	35.1	40.8	17.9	10,010	11,260	600	1,950
1979	407	3,222	1,586	1,419	37.8	179.3	38.5	44.8	19.6	10,890	12,350	610	2,120
1980	402	3,541	1,761	1,579	36.0	165.2	41.5	48.3	21.4	11,920	13,410	620	2,110
1981	400	4,064	1,978	1,889	34.5	162.4	45.7	53.2	22.7	13,310	15,400	630	2,220

[1] Insures borrower to cover loan in case of death. [2] For disposable personal income, see tables 691 and 703.

Source: American Council of Life Insurance, Washington, D.C., *Life Insurance Fact Book,* annual.

No. 865. Life Insurance—Insurance in Force and Benefit Payments by State: 1981

[Applies to policyholders and payments in the U.S.]

State	Insurance in force: Policies (1,000)	Value (bil. dol.)	Avg. per family (dol.)	Benefit payments [1] (mil. dol.)
U.S.	**399,514**	**4,063.6**	**45,700**	**43,484**
Ala	11,859	64.0	44,800	556
Alaska	643	9.0	55,500	51
Ariz	4,216	44.3	41,400	537
Ark	2,736	27.9	32,100	257
Calif	30,337	410.1	41,300	4,484
Colo	4,868	62.1	51,000	529
Conn	5,840	69.7	58,300	890
Del	1,408	14.6	63,400	126
D.C	2,782	31.0	98,500	168
Fla	16,551	151.1	36,500	2,034
Ga	13,149	102.4	50,000	829
Hawaii	1,880	21.8	60,600	213
Idaho	1,475	14.8	42,100	139
Ill	21,667	228.6	51,800	2,664
Ind	9,935	96.8	45,300	1,015
Iowa	5,076	55.7	47,900	611
Kans	4,234	44.1	46,400	439
Ky	6,222	50.5	36,800	457
La	9,779	75.8	49,100	616
Maine	1,778	15.5	34,500	192
Md	7,824	79.1	48,900	819
Mass	8,971	101.4	43,600	1,274
Mich	17,139	176.9	50,200	1,789
Minn	6,719	80.7	50,500	780
Miss	4,060	32.6	36,000	253
Mo	8,957	88.3	45,100	865
Mont	1,195	12.4	38,600	119
Nebr	2,835	31.9	50,700	346
Nev	1,566	16.3	46,700	131
N.H	1,594	16.3	43,900	173
N.J	12,089	150.0	54,000	1,926
N. Mex	1,849	20.3	41,600	181
N.Y	26,306	312.8	45,200	4,025
N.C	12,558	94.3	41,500	868
N. Dak	1,075	13.0	49,800	105
Ohio	19,838	196.3	47,700	2,368
Okla	4,944	53.8	44,400	472
Oreg	3,337	44.2	39,300	486
Pa	23,573	206.8	45,100	2,590
R.I	1,979	18.0	47,300	211
S.C	7,810	48.9	42,300	411
S. Dak	1,090	11.7	42,700	109
Tenn	9,421	77.2	44,700	721
Tex	25,225	275.6	50,700	2,401
Utah	2,242	23.5	46,400	202
Vt	816	7.8	36,900	92
Va	10,629	99.2	41,900	909
Wash	5,525	69.7	40,000	732
W. Va	3,297	26.0	35,400	295
Wis	7,940	80.6	44,500	951
Wyo	676	8.2	44,300	73

[1] Comprises death payments, matured endowments, disability and annuity payments, surrender values, and policy dividends.

Source: American Council of Life Insurance, Washington, D.C., *Life Insurance Fact Book,* annual.

No. 866. U.S. Life Insurance Companies—Financial Items: 1960 to 1981

[In billions of dollars, except percent. As of December 31. See also *Historical Statistics, Colonial Times to 1970*, series X 908-917]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981
Assets	**119.6**	**158.9**	**207.3**	**252.4**	**263.3**	**289.3**	**321.6**	**351.6**	**390.0**	**432.3**	**479.2**	**525.8**
Government securities	11.8	11.9	11.1	11.4	12.0	15.2	20.3	23.6	26.6	29.7	33.0	39.5
Corporate securities	51.7	67.4	88.5	117.7	118.6	133.9	154.9	171.7	191.6	208.8	227.0	241.5
Percent of total assets	43.2	42.4	42.7	46.6	45.0	46.3	48.2	48.8	49.1	48.3	47.4	45.9
Bonds	46.7	58.2	73.1	91.8	96.7	105.8	120.7	137.9	156.0	169.0	179.6	193.8
Stocks	5.0	9.1	15.4	25.9	21.9	28.1	34.3	33.8	35.5	39.8	47.4	47.7
Mortgages	41.8	60.0	74.4	81.4	86.2	89.2	91.6	96.8	106.2	118.4	131.1	137.7
Real estate	3.8	4.7	6.3	7.7	8.3	9.6	10.5	11.1	11.8	13.0	15.0	18.3
Policy loans	5.2	7.7	16.1	20.2	22.9	24.5	25.8	27.6	30.1	34.8	41.4	48.7
Other	5.3	7.2	10.9	14.1	15.4	16.9	18.5	21.1	23.7	27.6	31.7	40.1
Interest earned on assets [1] (percent)	4.11	4.61	5.30	5.88	6.25	6.36	6.55	6.89	7.31	7.73	8.02	8.57
Liabilities [2]	109.9	145.0	189.9	232.5	244.7	268.7	299.5	328.1	363.7	402.3	444.8	488.4
Policy reserves [2]	98.5	127.6	167.8	204.5	216.5	237.1	262.8	287.9	318.5	351.6	390.4	428.0
Capital and surplus [2]	9.7	13.8	17.3	19.9	18.6	20.6	22.0	23.6	26.2	30.0	34.4	37.4

[1] Net rate. [2] Includes business of accident and health departments of U.S. life insurance companies.

Source: American Council of Life Insurance, Washington, D.C., *Life Insurance Fact Book*, annual.

No. 867. U.S. Life Insurance Companies—New Investments: 1960 to 1981

[In billions of dollars, except percent. Minus sign (–) denotes decrease]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981
Total	**20.4**	**39.5**	**62.3**	**120.8**	**117.1**	**132.4**	**174.9**	**211.0**	**235.0**	**270.4**	**327.8**	**435.7**
Average annual percent change [1]	1.7	14.2	9.6	22.5	–3.1	13.1	32.0	20.6	11.4	15.1	21.3	32.9
Government securities	5.0	4.3	4.6	8.3	7.6	13.6	30.3	34.9	35.8	41.6	51.8	72.9
Short-term	(NA)	(NA)	3.8	6.9	6.2	9.9	23.1	27.4	29.4	34.7	44.8	62.3
Corporate securities	7.5	21.9	45.5	95.3	91.5	102.5	128.1	154.7	172.9	196.6	241.4	332.2
Bonds	6.9	20.4	41.4	87.1	86.7	96.5	120.4	147.1	164.9	186.2	227.3	312.7
Short-term	(NA)	(NA)	34.6	74.3	75.4	75.0	96.4	116.9	136.9	163.0	205.1	289.7
Stocks	.7	1.5	4.1	8.2	4.8	6.0	7.7	7.6	8.0	10.4	14.1	19.5
Mortgages	6.1	11.1	7.2	11.5	11.3	9.6	9.8	14.2	17.8	20.7	19.8	13.5
Real estate	.3	.4	.9	1.2	1.3	2.1	1.8	2.1	2.2	2.8	3.3	4.5
Policy loans	1.4	1.7	4.1	4.6	5.3	4.6	4.8	5.1	6.3	8.7	11.5	12.6

NA Not available. [1] For 1960, change from 1959; thereafter for interval from prior year shown. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source: American Council of Life Insurance, Washington, D.C., *Life Insurance Fact Book*, annual.

No. 868. Health Insurance Coverage, by Type of Coverage: 1960 to 1980

[In millions of persons. Beginning 1975, data include Puerto Rico and other U.S. territories and possessions. Duplication eliminated except as noted. "Hospital," "Surgical," "Regular medical," and "Major medical" represent coverage by insurance companies, Blue Cross-Blue Shield and medical society approved plans, and other plans. "Dental" represents insurance company coverage only. "Disability income" represents coverage by insurance companies, paid sick leave plans, and employee organizations. See also table 160]

YEAR AND AGE GROUP	Hospital	Surgical	Regular medical	Major medical	DISABILITY INCOME [1]		Dental
					Short term	Long term	
1960	122.5	111.5	83.2	32.6	42.4	(?)	(NA)
1965	138.7	130.5	109.6	69.7	46.9	4.5	(NA)
1970, total	158.8	151.4	138.7	103.5	58.1	11.0	12.0
Under 65	148.7	142.8	130.4	(NA)	58.1	11.0	(NA)
65 and over	10.1	8.6	8.3	(NA)	–	–	(NA)
1975, total	178.0	168.9	161.9	134.1	63.0	18.4	30.2
Under 65	165.4	158.5	152.2	(NA)	(NA)	18.4	(NA)
65 and over	12.6	10.4	9.7	(NA)	(NA)	–	(NA)
1976, total	181.5	172.5	164.1	141.5	68.3	19.1	58.1
Under 65	166.8	162.2	154.6	(NA)	(NA)	–	(NA)
65 and over	14.7	10.3	9.5	(NA)	(NA)	19.1	(NA)
1979, total	183.2	173.8	163.9	147.6	65.8	19.9	70.2
Under 65	169.1	163.4	154.3	(NA)	(NA)	19.9	(NA)
65 and over	14.1	10.4	9.6	(NA)	(NA)	–	(NA)
1980, total	186.1	175.4	166.8	154.2	65.4	21.1	80.5
Under 65	171.6	164.7	156.6	(NA)	(NA)	21.1	(NA)
65 and over	14.6	10.7	10.2	(NA)	(NA)	–	(NA)

– Represents zero. NA Not available. [1] Any duplication resulting from combinations for short-term and long-term protection has not been eliminated. [2] Included in "short-term" with some possible duplication.

Source: Health Insurance Association of America, Washington, D.C., *Sourcebook of Health Insurance Data*, 1981-82.

No. 869. Private Health Insurance Organizations—Income and Expenses: 1960 to 1979

[In millions of dollars, except percent. Minus sign (–) denotes loss. See also *Historical Statistics, Colonial Times to 1970*, series X 957-962]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Total premium income	**5,841**	**9,993**	**17,075**	**22,358**	**24,645**	**27,777**	**32,437**	**38,172**	**44,619**	**49,692**	**55,859**
Claims expense	4,996	8,736	15,619	19,086	21,091	24,466	30,072	35,471	40,013	45,044	50,176
Percent of premium income	85.5	87.4	91.5	85.4	84.9	88.1	92.7	92.9	89.7	90.6	89.8
Operating expense	[1]845	1,417	2,390	3,182	3,468	3,887	4,193	4,789	5,464	6,194	7,116
Net underwriting gain	([1])	–162	–934	89	286	–576	–1,828	–2,088	–858	–1,546	–1,433
Blue Cross-Blue Shield:											
Premium income	2,482	4,169	7,371	9,923	11,059	12,367	14,446	17,268	19,553	21,547	23,471
Claims expense	2,287	3,913	7,060	8,991	10,004	11,640	14,192	16,227	17,626	19,465	21,724
Operating expense	195	239	534	689	775	911	1,063	1,193	1,330	1,502	1,716
Net underwriting gain	([1])	17	–224	243	280	–184	–809	–151	597	580	31
Insurance companies:											
Premium income	3,027	5,216	8,636	11,052	11,944	13,151	14,849	16,752	19,335	20,867	23,035
Claims expense	2,389	4,274	7,531	8,815	9,480	10,802	13,157	15,493	17,206	19,057	20,145
Net underwriting gain	([1])	–863	–1,587	–161	–108	–473	–1,216	–2,064	–1,623	–2,359	–1,783
Other plans, premium income	332	608	1,068	1,383	1,842	2,259	3,142	4,151	5,730	7,279	9,353

[1] Data for net underwriting gain not available separately; included in operating expense.

Source: Through 1975, U.S. Social Security Administration, *Social Security Bulletin*, various issues, and unpublished data; thereafter, U.S. Health Care Financing Administration, *Health Care Financing Review*, Summer 1981.

No. 870. Health Insurance—Premium Income and Benefit Payments: 1960 to 1980

[In billions of dollars. Represents premium income of and benefits paid by insurance companies only. Beginning 1975, includes Puerto Rico and other U.S. outlying areas. Excludes Blue Cross-Blue Shield plans, medical-society sponsored plans, and all other independent plans]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Premiums [1]	**4.7**	**7.4**	**11.5**	**14.8**	**16.1**	**17.9**	**20.8**	**24.5**	**28.7**	**32.7**	**37.9**	**43.7**
Group policies [2]	2.9	4.7	8.1	10.9	11.8	13.2	15.9	19.4	23.2	26.9	31.7	36.8
Individual and family policies	1.8	2.7	3.4	3.8	4.3	4.7	4.9	5.1	5.4	5.8	6.2	6.9
Benefit payments [3]	**3.1**	**5.2**	**9.1**	**10.6**	**11.9**	**13.6**	**16.5**	**20.2**	**22.1**	**26.4**	**31.7**	**37.0**
Group policies [2]	2.4	4.0	7.5	8.9	9.8	11.4	14.2	17.8	19.5	22.9	27.9	33.0
Individual and family policies	.7	1.2	1.6	1.7	2.1	2.2	2.3	2.4	2.6	3.5	3.8	4.0
Type of coverage:												
Loss of income	.8	1.0	1.8	2.0	2.2	2.5	2.7	2.9	3.1	3.4	4.7	5.3
Medical expense	2.2	4.1	7.1	8.5	9.4	10.8	13.2	16.1	17.6	21.2	24.8	28.9
Dental	(NA)	(NA)	.1	.2	.3	.3	.6	1.2	1.5	1.8	2.2	2.8

NA Not available. [1] Prior to 1972, refers to written premiums; for 1972-80 refers to earned income. [2] Insurance company group premiums and benefit payments for 1975 through 1980 include Administrative Service Agreements and Minimum Premium Plans. Amounts for prior years contain only a portion of these data. [3] Beginning 1972, excludes accidental death and dismemberment benefits and accident medical reimbursement benefits.

Source: Health Insurance Association of America, Washington, D.C., *Source Book of Health Insurance Data*, annual.

No. 871. Property and Liability Insurance: 1960 to 1981

[In millions of dollars, except companies reporting. Premiums written represent total premiums on all insurance policies written by companies, with inception dates in years shown. See also *Historical Statistics, Colonial Times to 1970*, series X 918, 923, 928, 933, and 940]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
Companies reporting	3,500	3,047	2,727	2,934	2,886	2,880	2,940	2,938	2,867	(NA)	(NA)
Premiums written [1]	**14,973**	**20,063**	**32,867**	**45,152**	**49,967**	**60,418**	**72,397**	**81,690**	**90,123**	**95,569**	**99,276**
Auto liability	3,883	5,424	8,958	12,010	13,315	16,052	18,829	20,383	22,102	23,319	24,395
Physical damage, auto	1,994	2,861	4,824	7,064	7,623	9,565	11,521	12,835	14,538	15,833	16,748
Liability, other than auto	963	1,137	2,140	2,990	3,981	5,384	6,794	7,706	7,817	7,692	7,385
Medical malpractice	(NA)	(NA)	(NA)	(NA)	895	1,133	1,194	1,216	1,204	1,276	1,338
Fire [2]	2,406	2,215	3,147	3,538	3,691	4,102	4,415	4,675	4,781	4,784	4,817
Homeowners multiple peril	764	1,523	2,565	4,156	4,729	5,689	6,766	7,792	8,792	9,621	10,780
Commercial multiple peril	56	509	1,331	2,857	3,176	4,052	4,891	5,830	6,667	6,886	6,870
Workmen's compensation	1,419	2,042	3,492	5,473	6,186	7,534	9,261	11,300	13,164	14,239	14,616
Inland marine	381	489	812	1,169	1,266	1,444	1,584	1,867	2,061	2,291	2,428
Ocean marine	230	262	465	765	861	902	953	1,000	1,009	1,065	1,127
Surety and fidelity	(NA)	408	562	748	789	835	912	1,076	1,155	1,248	1,351
Burglary and theft	116	110	135	130	120	124	129	133	140	136	128
Crop-hail	103	117	125	260	312	325	340	351	396	417	504
Boiler and machinery	85	91	115	141	173	170	213	256	283	293	298
Glass	48	41	40	34	32	32	34	35	33	32	31
Assets and surplus:											
Assets	30,132	41,843	58,594	82,115	94,118	112,975	135,513	160,060	187,406	212,807	228,229
Policyholders' surplus	11,930	17,112	18,520	20,898	25,303	31,394	37,372	45,004	54,418	65,697	67,720

NA Not available. [1] Includes all property, liability, and allied lines; other data are for principal lines only. [2] Includes extended coverage and allied lines.

Source: Insurance Information Institute, New York, N.Y., *Insurance Facts*, annual. Data from A. M. Best Company, Oldwick, N.J.

No. 872. Fire Losses—Total and Per Capita: 1946 to 1981

[Prior to 1962, excludes Alaska and Hawaii. Includes allowance for uninsured and unreported losses but excludes losses to government property and forests. Based on paid losses through 1953, incurred losses thereafter]

YEARLY AVERAGE	Total (mil. dol.)	YEAR	Total (mil. dol.)	Per capita [1]	YEAR	Total (mil. dol.)	Per capita [1]	YEAR	Total (mil. dol.)	Per capita [1]
1946-1950	643	1960	1,108	$6.19	1967	1,707	$8.66	1974	3,190	$15.09
1951-1955	833	1961	1,209	6.64	1968	1,830	9.20	1975	3,560	16.52
1956-1960	1,045	1962	1,265	6.80	1969	1,952	9.71	1976	3,558	16.59
1961-1965	1,340	1963	1,406	7.48	1970	2,328	11.41	1977	3,764	17.13
1966-1970	1,850	1964	1,367	7.16	1971	2,316	11.24	1978	4,008	18.05
1971-1975	2,802	1965	1,456	7.51	1972	2,304	11.08	1979	4,851	21.60
1976-1980	4,358	1966	1,497	7.64	1973	2,639	12.57	1980	5,579	24.56
								1981	5,625	24.53

[1]Based on Bureau of the Census estimated resident population as of July 1.

Source: 1946-1964, National Board of Fire Underwriters, New York, N.Y., *Report of the Committee on Statistics and Origin of Losses;* thereafter, Insurance Information Institute, New York, N.Y., *Insurance Facts,* annual.

No. 873. Fires—Number and Loss, by Type and Structure by Selected Property Use: 1977 to 1981

[Based on annual sample survey of fire departments. No adjustments were made for unreported fires and losses. Property loss includes direct property loss only]

TYPE AND PROPERTY USE	NUMBER (1,000)					PROPERTY LOSS (mil. dol.)				
	1977	1978	1979	1980	1981	1977	1978	1979	1980	1981
Fires, total	3,264	2,818	2,846	2,988	2,893	4,709	4,498	5,750	6,254	6,676
Structure	1,098	1,062	1,037	1,065	1,027	4,125	4,022	4,964	5,454	5,976
Outside of structure [1]	130	110	80	87	81	144	32	38	61	61
Brush and rubbish	1,140	879	956	1,115	1,052	-	-	-	-	-
Vehicle	508	503	496	472	466	332	391	682	685	594
Other	388	264	277	249	267	108	53	66	54	45
Structure by property use:										
Public assembly	34	30	31	29	28	286	194	284	326	356
Educational	19	20	22	20	20	139	111	79	101	184
Institutional	25	39	30	28	27	15	14	34	25	38
Stores and offices	70	63	64	62	65	452	475	457	645	642
Residential	749	730	722	758	733	2,179	2,192	2,529	3,042	3,259
1-2 family units [2]	584	569	551	591	574	1,712	1,784	2,034	2,447	2,713
Apartments	139	137	146	143	137	325	310	343	401	415
Hotels and motels	14	12	11	12	12	118	82	100	154	99
Other residential	12	12	14	12	10	24	16	52	40	32
Storage [3]	73	60	64	65	62	451	342	507	512	616
Industry, utility, defense [3]	55	55	58	55	49	526	594	966	672	775
Special structures	73	65	46	48	43	77	100	108	131	106

- Represents zero. [1]Includes outside storage, crops, timber, etc. [2]Includes mobile homes. [3]Data underreported as some incidents were handled by private fire brigades or fixed suppression systems which do not report.

Source: National Fire Protection Association, Quincy, Mass., *Fire Journal,* Sept. 1982.

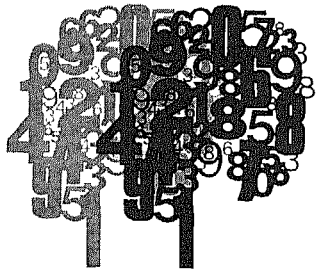
No. 874. Fires and Property Loss for Incendiary and Suspicious Fires and Civilian Fire Deaths and Injuries: 1978 to 1981

[Based on sample survey of fire departments]

ITEM	1978	1979	1980	1981	ITEM	1978	1979	1980	1981
NUMBER (1,000)					CIVILIAN FIRE DEATHS				
Structure fires, total	**1,062**	**1,037**	**1,065**	**1,027**	**Deaths, total [2]**	**8,130**	**7,780**	**6,505**	**6,700**
Structure fires of incendiary and suspicious origin	160	149	146	156	Residential property	6,185	5,765	5,446	5,540
Fires of incendiary origin	87	89	92	88	One- and two-family dwellings	4,945	4,320	4,175	4,430
Fires of suspicious origin	73	60	54	68	Apartments	1,070	1,180	1,025	970
PROPERTY LOSS [1] (mil. dol.)					Vehicles	1,255	1,535	740	840
					CIVILIAN FIRE INJURIES				
Structure fires, total	**4,022**	**4,964**	**5,454**	**5,976**	**Injuries, total [2]**	**29,800**	**31,325**	**30,200**	**30,700**
Structure fires of incendiary and suspicious origin	1,067	1,328	1,760	1,663	Residential property	21,275	20,450	21,000	20,625
Fires of incendiary origin	650	787	1,158	1,160	One- and two-family dwellings	15,400	14,650	16,100	15,125
Fires of suspicious origin	417	541	602	503	Apartments	5,000	4,175	3,600	4,250
					Vehicles	3,700	5,175	4,075	3,400

[1]Direct property loss only. [2]Includes other not shown separately.

Source: National Fire Protection Association, Quincy, Massachusetts, *Fire Facts,* 1982, and "Fire Losses in the United States During 1981."



Section 18

Business Enterprise

This section relates to the place and behavior of the business firm, and to business initiative in the American economy. It includes data on the number, type, and size of businesses; financial data of domestic and foreign affiliates of U.S. corporations; business investment, expenditures, and profits; business sales and inventories; consumer cooperatives; and mergers, acquisitions, and business failures. Additional business data may be found in other sections, particularly 29 and 30.

The principal sources of these data are the *Survey of Current Business,* published by the Bureau of Economic Analysis (BEA); the *Federal Reserve Bulletin,* issued by the Board of Governors of the Federal Reserve System; the annual *Statistics of Income* reports of the Internal Revenue Service (IRS); *The Failure Record Through (Year),* issued by Dun & Bradstreet, New York; and *Fortune* and *The Fortune Directory,* issued by Time, Inc., New York. Other sources are publications of the Securities and Exchange Commission (SEC), the Federal Trade Commission (FTC), and the Administrative Office of the United States Courts.

Business firms.—A firm is generally defined as a business organization under a single management and may include one or more establishments (i.e., a single physical location at which business is conducted). The terms firm, business, company, and enterprise are used interchangeably throughout this section. A firm doing business in more than one industry is classified by industry according to the major activity of the firm as a whole. The industrial classification is based on the *Standard Industrial Classification (SIC) Manual* (see text, page 372).

The IRS concept of a business firm relates primarily to the legal entity used for tax reporting purposes. The IRS *Statistics of Income* reports present data, based on a sample of tax returns before audit, separately for sole proprietorships, partnerships, and active corporations. A *sole proprietorship* is an unincorporated business owned by one person. Sole proprietorships include the entire range of unincorporated, one-owner businesses, farms, and professional practices, from large enterprises with many employees and hired managers to the part-time operations in which the owner is the only person involved. A *partnership* is an unincorporated business owned by two or more persons, each of whom has a financial interest in the business. The "persons" could be individuals, estates, trusts, or corporations. A *corporation* is a business that is legally incorporated under State laws. The IRS recognizes many types of businesses as corporations, including joint-stock companies; mutual and other insurance companies; and unincorporated associations such as business trusts, mutual savings and loan associations, certain partnerships, mutual savings banks, and cooperative banks. While many corporations file consolidated tax returns, most corporate tax returns represent individual corporations, some of which are affiliated through common ownership or control with other corporations filing separate returns.

Assets and liabilities.—In its annual report, *Statistics of Income, Corporation Income Tax Returns,* the IRS presents balance sheet and income estimates for all active U.S. corporations. The FTC issues 2 current reports, the *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations,* which presents quarterly income account and balance sheet data for manufacturing, mining, and trade industries, and the *Working Capital of U.S. Nonfinancial Corporations,* which presents data on components of current assets and liabilities of all nonfinancial U.S. corporations.

One of the most comprehensive measures of the investment position of the business sector (and the only measure adjusted to current replacement cost) is the BEA capital stock series. See *Fixed Reproducible Tangible Wealth in the United States, 1925–79,* and periodic updates in the *Survey of Current Business.*

Income, profits, dividends, and taxes.—Several agencies, among them IRS and BEA, compile corporate income account data. These data, however, are not comparable because of differing methods of compilation. A reconciliation of the two can be found in table 8.12 of *National Income and Product Accounts of the United States, 1929–76,* and *Survey of Current Business* (normally the July issue), published by BEA. The IRS publishes financial data for all business enterprises. These

data appear in *Statistics of Income—Business Income Tax Returns* and *Corporation Income Tax Returns.* Supplemental reports published periodically present data on international income and taxes reported by U.S. corporations.

The corporate data issued by BEA are a part of its national income and product accounts (see text, p. 415) and are defined as required for purposes of national income estimation. The primary sources for BEA estimates of profits, taxes, dividends, and undistributed profits are the original corporate tax returns submitted to the IRS. Various adjustments of the IRS data are required by the national income treatment—adjustments, particularly with respect to profits which would be disclosed if all tax returns were audited; depletion; capital gain or loss; treatment of bad debts; measurement of income received from abroad; and intercorporate dividends to make the figures comparable with other entries in the national income accounts. For a discussion of two types of adjustments (inventory valuation and capital consumption), see text, page 415. BEA's corporate profits data also include net earnings of Federal Reserve banks, credit unions, private noninsured pension funds, and several quasi-government credit agencies not included in *Statistics of Income.*

Sources and uses of corporate funds.—These data (table 916) show capital requirements of corporations and the manner in which they are financed. Sources of funds should be equal to their uses. Certain discrepancies, however, interfere with this equality due to omission of (1) money accruing to corporations from an excess of sales over purchases of used plant and equipment, (2) transactions in securities held as permanent investments except public offerings, and (3) net purchases of land. Also, the balance sheet data upon which many of the financial flow estimates are based are not fully comparable with the tax-return based estimates of internal sources, or the establishment series underlying the figures on inventory change.

Plant and equipment expenditures.—Estimates of actual and planned expenditures for new plant and equipment in the United States by most private, nonagricultural business firms are based on quarterly sample surveys conducted by the Bureau of Economic Analysis.

For quarterly data, see current issues of the *Survey of Current Business.* For discussion of coverage, concepts, and methodology, see October 1980 issue of the *Survey;* for methodology used to derive the constant-dollar estimates, see the September 1981 issue of the *Survey.*

Sales and inventories.—Sales are estimated aggregate values, and inventories are book values at the end of the period. Sales signifies sales or shipments for retail and wholesale trade and billings or shipments for manufacturing. Trade inventories are valued at cost of merchandise on hand, while manufacturers' inventories are valued at approximate current costs or at book values, as reported by the manufacturer. Inventories (see table 912) are based on data from censuses (conducted every five years, for years ending in "2" and "7") and annual surveys. Monthly data for manufacturing appear in the Bureau of the Census Current Industrial Reports, *Manufacturers' Shipments, Inventories, and Orders,* series M3-1; for data on retail and wholesale trade, see Section 30.

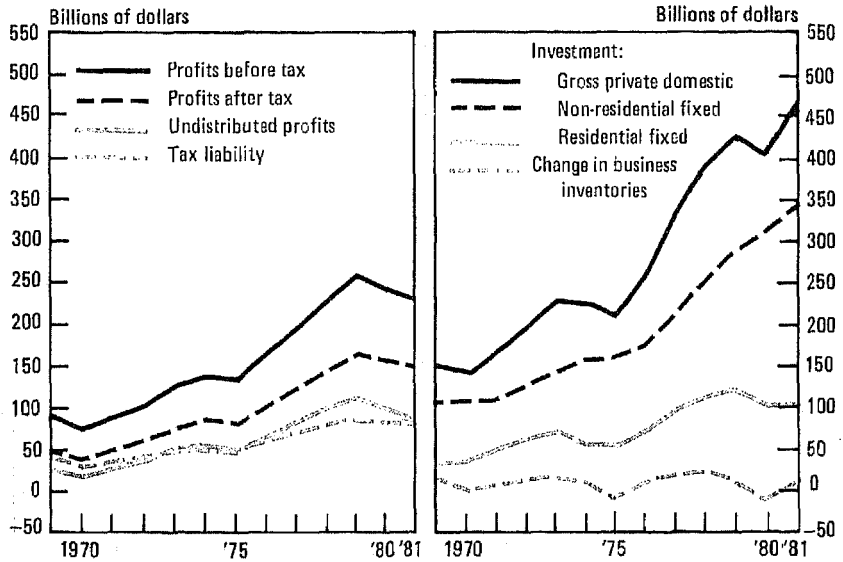
Sales, assets, net income, stockholder's equity, and total returns to investors—Sales include service and rental revenues but exclude dividends, interest, and other non-operating revenues. All companies on the list must have derived more than 50 percent of their sales from manufacturing and/or mining. Sales of subsidiaries are included when they are consolidated. **Assets** are those shown at the company's year-end. **Net income** is shown after taxes and after extraordinary credits or charges when any are shown on the income statement. **Stockholders equity** is the sum of capital stock, surplus and retained earnings at the company's year-end. Redeemable preferred stock is excluded when its redemption is either mandatory or outside the control of the company, except in the case of cooperatives. **Total returns to investors** includes both price appreciation and dividend yield. Returns are adjusted for stock splits, stock dividends, recapitalizations, and corporate reorganizations as they occur.

Economic censuses.—The economic censuses constitute comprehensive and periodic canvasses of the Nation's industrial and business activities. The first economic census of the United States was conducted as part of the 1810 decennial census, when inquiries on manufacturing were included with the census of population. Minerals data were collected in 1840. The first censuses of construction and business were taken for 1929. An integrated economic census program was begun for 1954. In that year, the censuses covered the retail and wholesale trades, selected service industries, manufactures, and mineral industries. The economic censuses are taken at 5-year intervals covering years ending in "2" and "7".

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

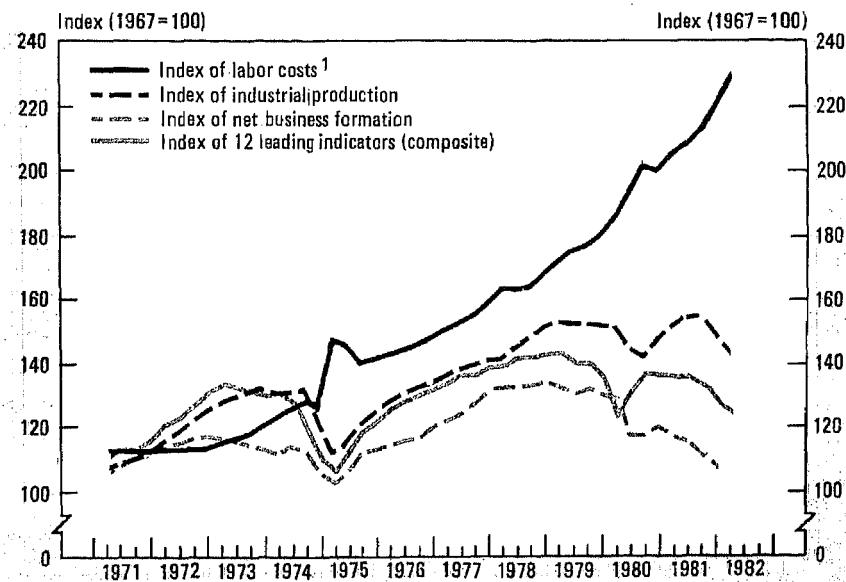
Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 18.1
Corporate Profits, and Gross Private Domestic Investment: 1969 to 1981



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 906 and 917.

Figure 18.2
Cyclical Indicators—Selected Indexes: 1971 to 1982



[1] Labor costs per unit of output.
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 909.

No. 875. Proprietorships, Partnerships, and Corporations—Number of Returns, Receipts, and Net Income: 1960 to 1979

[Figures are estimates based on samples; see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series V 1-12]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979
Number	1,000	11,172	11,416	12,001	13,902	13,979	14,536	14,741	15,629	16,187
Receipts [1]	Bil. dol.	1,095	1,469	2,082	3,557	3,685	4,170	4,699	5,377	6,345
Net income (less deficit) [2]	Bil. dol.	73	111	109	201	196	245	283	320	361
Proprietorships, number [3]	1,000	9,090	9,078	9,400	10,874	10,882	11,358	11,346	12,018	12,330
Business receipts [1]	Bil. dol.	171	199	238	328	339	375	394	443	488
Net income (less deficit) [2]	Bil. dol.	21	28	33	46	45	50	51	59	61
Partnerships, number	1,000	941	914	936	1,062	1,073	1,096	1,153	1,234	1,300
Total receipts [4]	Bil. dol.	74	75	93	139	147	160	177	219	258
Net income (less deficit) [2]	Bil. dol.	8	10	10	9	8	10	13	14	15
Corporations, number	1,000	1,141	1,424	1,665	1,966	2,024	2,082	2,242	2,377	2,557
Total receipts [4]	Bil. dol.	849	1,195	1,751	3,090	3,199	3,635	4,128	4,715	5,599
Net income (less deficit) [2] [5]	Bil. dol.	44	74	66	146	143	185	219	247	285

[1] See footnote 1, table 878. [2] See footnote 2, table 878. [3] Individually owned businesses and farms. [4] Total taxable receipts before deduction of cost of goods sold, cost of operations, and net loss from sales of property other than capital assets. Excludes nontaxable income except nontaxable interest. See headnote, table 878. [5] Beginning 1965, includes constructive taxable income from related foreign corporations.

No. 876. Proprietorships, Partnerships, and Corporations—Number of Returns and Business Receipts, by Size of Receipts: 1970 to 1979

[See headnote, table 878, and *Historical Statistics, Colonial Times to 1970*, series V 1-12]

SIZE CLASS OF RECEIPTS	1970		1975		1979							
					Total		Number (1,000)			Receipts (bil. dol.)		
	Number (1,000)	Receipts (bil. dol.)	Number (1,000)	Receipts (bil. dol.)	Number (1,000)	Receipts (bil. dol.)	Proprietorships	Partnerships [1]	Corporations [1]	Proprietorships	Partnerships [1]	Corporations [1]
Total	**12,001**	**2,036**	**13,979**	**3,447**	**16,187**	**5,876.6**	**12,330**	**1,300**	**2,557**	**487.7**	**252.9**	**5,136.0**
Under $25,000 [2]	8,200	51	9,107	55	9,913	62.0	8,788	603	522	55.0	4.5	2.5
$25,000-$49,999	1,302	46	1,519	53	1,718	60.0	1,346	174	198	47.9	6.2	5.9
$50,000-$99,999	1,000	71	1,247	86	1,565	110.0	1,100	169	296	78.2	12.1	19.7
$100,000-$199,999	661	93	1,575	330	1,188	1,646	659	149	380	91.0	21.0	52.6
$200,000-$499,999	474	146			955	293.4	332	126	497	101.0	39.3	153.1
$500,000-$999,999	181	126	249	169	383	262.9	76	44	263	51.4	30.5	181.0
$1,000,000 or more	182	1,503	284	2,754	462	4,923.6	29	34	399	63.1	139.3	4,721.2
	PERCENT DISTRIBUTION											
Under $25,000 [2]	68.3	2.5	65.1	1.6	61.2	1.0	71.3	46.4	20.4	11.3	1.8	(Z)
$25,000-$49,999	10.8	2.3	10.9	1.5	10.6	1.0	10.9	13.4	7.7	9.8	2.5	.1
$50,000-$99,999	8.3	3.5	8.9	2.5	9.7	1.9	8.9	13.0	11.6	16.0	4.8	.4
$100,000-$199,999	5.5	4.6	11.3	9.6	7.3	2.8	5.3	11.5	14.9	18.7	8.3	1.0
$200,000-$499,999	4.0	7.2			5.9	5.0	2.7	9.7	19.4	20.8	15.5	3.0
$500,000-$999,999	1.5	6.2	1.8	4.9	2.4	4.5	.6	3.4	10.3	10.5	12.1	3.5
$1,000,000 or more	1.5	73.8	2.0	79.9	2.7	83.8	.2	2.6	15.6	12.9	55.1	91.9

Z Less than .05 percent. [1] Active firms only. [2] Includes firms with no receipts.

Source of tables 875 and 876. U.S. Internal Revenue Service, *Statistics of Income, Business Income Tax Returns*, annual and *Statistics of Income, Corporation Income Tax Returns*, annual.

No. 877. Federal Government Loans to All Small Businesses and to Minority-Operated Small Businesses: 1970 to 1981

[For years ending **June 30** except, beginning **1977** ending **Sept. 30**. A small business must be independently owned and operated, must not be dominant in its particular industry, and must meet standards set by the Small Business Administration as to its annual receipts or number of employees]

LOANS APPROVED	Unit	1970-1981, avg.	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981
Loans, all businesses	1,000	27.9	15.1	33.9	27.5	22.3	26.1	31.8	31.7	30.2	31.7	28.7
Minority-operated businesses	1,000	6.5	6.3	9.1	6.9	5.4	5.5	6.2	6.1	5.5	6.0	5.2
Percent of all businesses	Percent	24	41	27	25	24	21	19	19	18	19	18
Value of total loans	Mil. dol.	2,490	710	2,196	1,948	1,594	2,071	3,049	3,314	3,407	3,858	3,668
Loans to minority-operated business	Mil. dol.	331	160	334	289	229	262	352	402	428	470	454
Percent of all loans	Percent	14	23	15	15	14	13	12	12	13	12	12

Source: U.S. Small Business Administration, unpublished data.

No. 878. Proprietorships, Partnerships, and Corporations—Number of Returns, Receipts, and Net Income, by Industry: 1979

[Figures are estimates based on sample of unaudited tax returns filed for accounting periods ending between July 1 of year shown and June 30 of following year; see Appendix III. Due to minor variations in estimating techniques, totals differ slightly from those shown in other IRS tables in this section. Proprietorships are individually owned businesses and farms. See *Historical Statistics, Colonial Times to 1970,* series V 42-53, for number of active corporations. Minus sign (-) denotes net loss]

Industry	Number of returns (1,000)			Business receipts [1] (bil. dol.)			Net income (less deficit) [2] (bil. dol.)		
	Proprietorships	Active partnerships	Active corporations	Proprietorships	Active partnerships	Active corporations	Proprietorships	Active partnerships	Active corporations
Total [3]	**12,330**	**1,300**	**2,557**	**487.8**	**253.0**	**5,136.0**	**60.8**	**15.2**	**284.6**
Agric., forestry, and fishing	3,762	125	83	98.6	20.8	50.6	5.2	1.1	1.3
Mining	97	28	24	6.1	9.7	127.5	.1	−2.5	43.1
Construction	1,097	75	250	50.9	19.7	246.9	7.9	2.1	6.0
Manufacturing	236	30	237	12.9	13.1	2,072.7	1.5	.5	130.4
Transportation, public utilities [4]	415	20	104	18.1	5.4	432.3	2.0	.4	18.4
Wholesale and retail trade [3]	2,455	205	773	195.7	58.2	1,713.9	11.2	2.9	40.2
Wholesale	315	32	266	43.8	20.5	956.1	3.2	.9	25.8
Retail	1,986	173	505	146.1	37.7	755.7	7.3	1.9	14.4
Finance, insurance, real estate [5]	1,058	577	471	21.2	76.3	255.1	7.1	−.5	37.0
Services	3,654	239	603	83.3	49.7	235.0	25.5	11.3	8.3

[1] Receipts from sales and services less allowances, rebates, and returns; excludes capital gains or losses, and investment income not associated with the taxpayer's business. [2] Net income (less deficit) is defined differently by legal form of organization, basically as follows: (a) Proprietorships: Total taxable receipts less total deductions, including cost of sales and operations; investment and other income are excluded; (b) Partnerships: Total taxable receipts less total deductions, including cost of sales and operations; investment and other income, except capital gains, are included; (c) Corporations: Total taxable receipts less total deductions, including cost of sales and operations; investment and other income, such as capital gains and income from foreign corporations considered received for tax purposes only, are included; net profit is before income tax. [3] Includes business not allocable to individual industries. [4] Includes sanitary services. [5] Includes total receipts for the finance, insurance, and real estate industry.

No. 879. Proprietorships, Partnerships, and Corporations—Number of Returns and Receipts, by Industry and Size of Business Receipts: 1979

[**Number in thousands; receipts and net income in millions of dollars.** See headnote, table 878. See *Historical Statistics, Colonial Times to 1970,* series V 42-53, for number of active corporations. Minus sign (−) denotes net loss]

Industry	Proprietorships [1]			Active partnerships			Active corporations		
	Under $50,000 [2]	$50,000-$99,999	$100,000 or more	Under $100,000 [2]	$100,000-$499,999	$500,000 or more	Under $500,000	$500,000-$999,999	$1,000,000 or more
All industrial divisions: [3]									
Number	10,133	1,100	1,097	946	276	78	1,895	263	399
Business receipts [4]	102.9	78.2	307.0	22,861	60,358	169,782	233,799	181,028	4,721,248
Net income [5]	18.5	16.0	26.3	−6,932	6,711	15,427	16,407	8,210	297,033
Agriculture, forestry, fishing:									
Number	2,758	294	212	82	35	7	69	8	6
Business receipts [4]	26.3	21.0	51.2	2,399	7,151	11,259	9,572	5,501	35,517
Mining:									
Number	81	7	9	22	4	2	16	3	5
Business receipts [4]	.6	.5	4.9	278	908	8,535	1,993	1,921	123,541
Construction:									
Number	863	112	122	49	22	5	171	34	45
Business receipts [4]	12.1	8.0	30.8	1,766	4,466	13,502	28,196	24,019	194,675
Manufacturing:									
Number	177	26	33	20	7	3	130	33	74
Business receipts [4]	2.0	1.8	9.1	549	1,640	10,919	22,540	23,553	2,026,572
Transportation, public utilities: [6]									
Number	324	60	31	14	5	1	75	13	16
Business receipts [4]	5.0	4.1	9.0	458	941	4,010	8,651	9,153	414,524
Wholesale and retail trade:									
Number	1,714	267	474	114	69	22	466	113	194
Business receipts [4]	18.2	19.5	158.0	4,031	15,965	38,233	79,885	81,039	1,553,006
Finance, insurance, real estate:									
Number	969	59	30	481	75	22	429	16	27
Business receipts [4] [7]	9.3	4.1	7.8	9,122	16,197	50,940	28,538	11,066	521,481
Services:									
Number	3,196	274	184	164	59	15	528	43	32
Business receipts [4]	29.0	19.3	35.0	4,258	13,085	32,385	66,127	29,789	139,093

[1] Individually owned businesses and farms. [2] Includes businesses without receipts. [3] Includes businesses not allocable to individual industries. [4] See footnote 1, table 878. [5] Less loss. See footnote 2, table 878. [6] Includes sanitary services. [7] For partnerships and corporations, total receipts (which include investment income), rather than business receipts, were used as the size classifier and for the amounts shown.

Source of tables 878 and 879: U.S. Internal Revenue Service, *Statistics of Income,* annual; *Business Income Tax Returns,* annual; and *Statistics of Income, Corporation Income Tax Returns,* annual.

No. 880. Establishments, Employees, and Payroll by Industry and Employment-Size Class: 1980

[Excludes government employees, railroad employees, self-employed persons, etc. See "General Explanation" in source for definitions and statement on reliability of data]

ITEM	Unit	All industries [1]	Agricultural services [2]	Mining	Contract construction	Manufacturing	Transportation [3]	Wholesale trade	Retail trade	Finance and insurance [4]	Services
Establishments, total	1,000	**4,543**	**46**	**30**	**417**	**319**	**167**	**385**	**1,223**	**421**	**1,278**
Under 20 employees	1,000	3,932	44	22	378	194	130	324	1,058	375	1,153
20 to 99 employees	1,000	508	2	6	36	86	30	56	151	39	101
200 to 249 employees	1,000	71	(z)	1	3	24	6	4	12	4	16
250 or more employees	1,000	33	(z)	1	1	16	2	1	3	2	7
Employees, total	1,000	**74,835**	**290**	**996**	**4,474**	**21,152**	**4,631**	**5,216**	**15,045**	**5,278**	**17,195**
Under 20 employees	1,000	19,423	(D)	125	(D)	1,379	735	1,985	5,967	1,623	5,158
20 to 99 employees	1,000	21,168	70	262	1,428	3,941	1,289	2,120	6,166	1,573	4,264
100 to 249 employees	1,000	10,811	23	192	519	3,757	859	638	1,697	656	2,471
250 or more employees	1,000	23,433	(D)	417	(D)	12,075	1,748	472	1,216	1,427	5,302
Payroll	Mil. dol.	**1,039,150**	**3,152**	**22,326**	**75,697**	**356,793**	**88,002**	**89,192**	**123,835**	**77,130**	**197,549**
Under 20 employees	Mil. dol.	230,640	(D)	2,665	(D)	19,490	10,267	32,363	47,334	21,361	65,177
20 to 99 employees	Mil. dol.	261,612	705	5,430	24,968	55,875	22,271	35,471	48,731	22,743	45,076
100 to 249 employees	Mil. dol.	145,677	220	4,220	9,892	55,130	16,515	11,509	14,445	9,715	24,031
250 employees	Mil. dol.	401,222	(D)	10,011	(D)	226,299	38,949	9,849	13,325	23,312	63,265

D Withheld to avoid disclosing figures for individual companies. Z Less than 500. [1] Includes nonclassifiable establishments not shown separately. [2] Includes forestry and fisheries. [3] Includes other public utilities. [4] Inlcudes real estate.

Source: U.S. Bureau of the Census, *County Business Patterns 1979*, CBP-79-1.

No. 881. Women-Owned Firms—Number and Receipts, by Industry: 1977

[A firm is considered to be women-owned if one-half or more of the partners are women; a corporation is classified as women-owned if 50 percent or more of the stock is owned by women. The same majority ownership criteria applies to minority-owned businesses. For coverage detail, see source]

INDUSTRY	Firms, 1977 (1,000)			Receipts, 1977 (bil. dol.)		
	All firms [1]	Women-owned		All firms [1]	Women-owned	
		Number of firms	Percent of all firms		Receipts	Percent of all firms
All industries, total	**9,833**	**702**	**7.1**	**633.1**	**41.5**	**6.6**
Construction	1,107	21	1.9	72.6	2.9	4.0
Manufacturing	287	19	6.6	38.5	3.6	9.4
Transportation and public utilities	419	12	2.9	22.8	1.3	5.7
Wholesale and retail trade	2,600	228	8.8	291.4	23.4	8.0
Finance, insurance, real estate	1,404	66	4.7	66.6	2.1	3.2
Selected services	3,623	316	8.7	120.1	7.1	5.9
Other industries [2]	393	40	10.2	21.2	1.2	5.7

[1] Based on data from U.S. Internal Revenue Service, preliminary report, *Statistics of Income, Business Income Tax Returns, 1977* and *Statistics of Income, Corporation Income Tax Returns, 1976*. [2] Includes industries not classified.

Source: U.S. Bureau of the Census, *Women-Owned Businesses, 1977*.

No. 882. Minority-Owned Firms—Summary by Industry: 1977

[These data were developed from administrative records of government agencies, various published and unpublished sources, a direct mail canvass, and personal contacts with community and government representatives knowledgeable in this area. **Caution** should be exercised in comparing data presented here with published or unpublished data from other reports of the 1977 economic censuses. Factors affecting comparability of data among censuses are scope of survey, business unit canvassed, and receipt-size limitations. See source for further detail. See also headnote, table 881]

OWNERSHIP AND INDUSTRY	All firms		Firms with paid employees				Firms without paid employees	
	Total (1,000)	Gross receipts (mil. dol.)	Total (1,000)	Employee [1] (1,000)	Annual payroll (mil. dol.)	Gross receipts (mil. dol.)	Total (1,000)	Gross receipts (mil. dol.)
All industries [2]	**561**	**26,382**	**105**	**499**	**3,356**	**18,996**	**456**	**7,386**
Black-owned	231	8,645	40	164	1,135	6,397	191	2,248
Spanish-origin	219	10,417	41	206	1,350	7,140	178	3,277
Construction	52	2,361	12	45	396	1,613	40	747
Manufacturing	13	1,959	6	60	447	1,842	7	117
Transp. and public utilities	37	1,060	4	15	139	556	33	504
Wholesale trade	9	2,031	2	14	152	1,788	7	242
Retail trade	147	10,629	38	183	929	7,820	110	2,809
Finance and insurance [3]	28	1,334	3	24	212	1,043	26	291
Selected services	234	6,202	38	151	1,020	4,039	196	2,163

[1] For week including March 12. [2] Includes other not shown separately. [3] Includes real estate.

Source: U.S. Bureau of the Census, *1977 Survey of Minority-Owned Business Enterprises*, MB77-1, MB77-2, MB77-3, and MB77-4.

No. 883. Mergers and Acquisitions—Manufacturing and Mining Concerns Acquired: 1925 to 1979

[Prior to 1972, totals limited to actions reported by Moody's Investors Service, Inc., and Standard & Poor's Corporation. Included are partial acquisitions when they comprise whole divisions or subsidiaries of other companies. See also *Historical Statistics, Colonial Times to 1970*, series V 38]

Period	Concerns acquired, aggregate for period	Year	All concerns acquired, total	Large concerns (assets of $10 million or more) acquired [1]					
				Number of mergers			Assets acquired (mil. dol.)		
				Total	Horizontal and vertical	Conglomerate	Total	Horizontal and vertical	Conglomerate
1925-1929	4,583	1960	844	51	14	37	1,535	453	1,082
1930-1934	1,687	1965	1,008	64	16	48	3,254	573	2,681
1935-1939	577	1970	1,351	91	12	79	5,904	1,174	4,730
1940-1944	906	1971	1,011	59	8	51	2,460	578	1,882
1945-1949	1,505	1972	911	60	24	36	1,885	773	1,112
1950-1954	1,424	1973	874	64	25	39	3,149	1,093	2,056
1955-1959	3,365	1974	602	62	24	38	4,466	1,417	3,049
1960-1964	4,366	1975	439	59	7	52	4,950	267	4,683
1965-1969	8,213	1976	559	81	18	63	6,279	1,031	5,248
1970-1974	4,749	1977	590	99	30	69	8,670	1,937	6,733
1975-1979	2,717	1978	610	111	35	76	10,724	4,675	6,050
		1979	519	97	10	87	12,867	1,231	11,637

[1] Concerns for which financial data are publicly available.

No. 884. Mergers and Acquisitions—Manufacturing and Mining Concerns Acquired, by Industry Group of Acquiring Concern: 1960 to 1979

[See headnote, table 883]

Industry of acquiring concern	1960-1964, total	1965-1969, total	1970-1974, total	1975-1979, total	1973	1974	1975	1976	1977	1978	1979
Total concerns acquired	**4,366**	**8,213**	**4,749**	**2,717**	**874**	**602**	**439**	**559**	**590**	**610**	**519**
Mining	209	303	258	128	34	36	27	28	26	24	23
Manufacturing [1]	3,694	6,642	3,428	1,833	578	418	288	375	393	427	350
Food and kindred products	326	538	384	198	77	40	27	42	43	53	33
Tobacco manufactures	24	37	18	18	3	2	4	1	5	5	3
Textiles and apparel	280	439	160	59	30	15	3	13	11	16	16
Lumber and furniture	109	250	175	55	31	27	7	14	12	8	14
Paper and allied products	133	175	120	53	21	30	8	10	18	8	9
Printing and publishing	158	224	158	126	28	18	21	29	24	30	22
Chemicals	443	615	334	202	65	47	44	39	46	46	27
Petroleum	78	73	34	18	6	7	3	7	2	2	4
Rubber and plastics products	74	139	71	44	12	7	2	10	16	10	6
Leather products	32	75	41	10	5	-	3	3	1	1	2
Stone, clay, and glass products	103	212	136	66	19	25	15	13	11	14	13
Primary metals	173	366	180	110	24	23	22	22	23	19	24
Fabricated metal products	225	471	214	149	45	25	24	43	29	32	21
Machinery, except electrical	397	817	413	265	59	45	48	44	51	58	64
Electrical machinery	573	1,160	478	229	67	45	35	47	47	54	46
Transportation equipment	272	483	218	94	39	31	10	12	20	32	20
Professional scientific instruments	189	407	172	94	21	18	9	20	22	24	19
Nonmanufacturing [2]	463	1,268	1,063	756	262	148	124	156	171	159	146

- Represents zero. [1] Includes miscellaneous and ordnance, not shown separately. [2] Includes unknown.

No. 885. Mergers and Acquisitions—Companies Acquired, by Asset Size of Acquiring and Acquired Companies and by Industry: 1978 and 1979

[Excludes pending mergers and acquisitions]

Asset size	Acquiring company		Acquired company		Industry	Acquiring company		Acquired company	
	1978	1979	1978	1979		1978	1979	1978	1979
Total	**1,279**	**1,214**	**1,279**	**1,214**	**Total**	**1,279**	**1,214**	**1,279**	**1,214**
Under $1 mil. [1]	197	138	895	746	Manufacturing	647	604	490	405
$1 mil. to $9.9 mil	44	38	119	123	Mining	47	44	36	40
$10.0 mil. to $49.9 mil	220	133	157	213	Wholesale, retail trade	113	105	154	144
$50.0 mil. to $99.9 mil	148	146	46	57	Service and other [2]	321	309	161	165
$100.0 mil. and over	670	759	62	75	Unknown	151	152	438	460

[1] Includes companies of unknown asset size. [2] Companies in insurance, construction, farming, finance, credit, real estate, transportation, communication, electric, gas, sanitary services; and holding companies.

Source of tables 883-885: U.S. Federal Trade Commission, *Statistical Report on Mergers and Acquisitions*, annual.

No. 886. New Business Concerns and Business Failures: 1960 to 1981

[See also *Historical Statistics, Colonial Times to 1970*, series V 21-24]

FORMATIONS AND FAILURES	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
Business formations:											
Index, net formations [1] (1967=100)	94.5	99.5	107.1	111.2	108.8	117.2	126.5	132.9	131.7	121.1	113.4
New incorporations (1,000)	183	204	264	319	326	376	438	478	525	534	582
Failures, number [2] (1,000)	15.4	13.5	10.7	9.9	11.4	9.6	7.9	6.6	7.6	11.7	16.8
Rate per 10,000 concerns	57	53	44	38	43	35	28	24	28	42	61

[1] Source: U.S. Bureau of Economic Analysis. [2] See footnote 2, table 887.

Source: Except as noted, Dun & Bradstreet, New York, N.Y., *Monthly New Business Incorporation Report*.

No. 887. Industrial and Commercial Failures—Number and Liabilities: 1946 to 1981

[Excludes Hawaii prior to 1975, Alaska prior to 1976. Excludes all railroad failures. Excludes real estate and financial companies. See also *Historical Statistics, Colonial Times to 1970*, series V 20-30]

YEARLY AVERAGE OR YEAR	Total concerns in business [1] (1,000)	FAILURES [2]				YEARLY AVERAGE OR YEAR	Total concerns in business [1] (1,000)	FAILURES [2]			
		Number	Rate per 10,000 concerns	Current liabilities [3] (mil. dol.)	Average liability ($1,000)			Number	Rate per 10,000 concerns	Current liabilities [3] (mil. dol.)	Average liability ($1,000)
1946-1950	2,493	5,652	21	213	45	1970	2,442	10,748	44	1,888	176
1951-1955	2,635	9,317	35	370	39	1971	2,466	10,326	42	1,917	186
1956-1960	2,674	14,177	53	708	50	1972	2,490	9,566	38	2,000	209
1961-1965	2,565	14,849	57	1,261	86	1973	2,567	9,345	36	2,299	246
1966-1970	2,481	10,993	44	1,324	121	1974	2,591	9,915	38	3,053	308
1971-1975	2,559	10,117	40	2,730	270	1975	2,679	11,432	43	4,380	383
1976-1980	2,770	8,694	31	3,213	371	1976	2,782	9,628	35	3,011	313
1965	2,527	13,514	53	1,322	98	1977	2,793	7,919	28	3,095	391
1966	2,520	13,061	52	1,386	106	1978	2,786	6,619	24	2,656	401
1967	2,519	12,364	49	1,265	102	1979	2,708	7,564	28	2,667	353
1968	2,461	9,636	39	941	98	1980	2,780	11,742	42	4,635	395
1969	2,444	9,154	37	1,142	125	1981	2,745	16,794	61	6,955	414

[1] Data represent number of names listed in July issue of *Dun & Bradstreet Reference Book*. [2] Includes concerns discontinued following assignment, voluntary or involuntary petition in bankruptcy, attachment, execution, foreclosure, etc.; voluntary withdrawals from business with known loss to creditors; also enterprises involved in court action, such as receivership and reorganization or arrangement which may or may not lead to discontinuance; and businesses making voluntary compromise with creditors out of court. [3] Liabilities exclude long-term publicly held obligations; offsetting assets are not taken into account.

No. 888. Industrial and Commercial Failures—Number and Liabilities, by States: 1980 and 1981

STATE	NUMBER		CURRENT LIABILITIES [1] (mil. dol.)		STATE	NUMBER		CURRENT LIABILITIES [1] (mil. dol.)		STATE	NUMBER		CURRENT LIABILITIES [1] (mil. dol.)	
	1980	1981	1980	1981		1980	1981	1980	1981		1980	1981	1980	1981
U.S	**11,742**	**16,794**	**4,635.1**	**6,955.2**	**W.N.C.—Con.**					**W.S.C**	**1,378**	**1,599**	**613.6**	**810.6**
N.E	**464**	**553**	**217.0**	**255.4**	Mo	112	176	39.0	36.8	Ark	93	138	43.6	57.0
Maine	62	77	23.7	16.5	N. Dak	61	51	12.6	16.1	La	133	205	77.2	71.3
N.H	15	11	1.5	3.7	S. Dak	69	67	19.7	24.1	Okla	254	216	83.7	110.9
Vt	12	25	1.7	8.4	Nebr	119	133	31.0	47.0	Tex	898	1,040	409.1	571.4
Mass	235	226	145.1	158.3	Kans	142	187	24.6	45.1	**Mt**	**416**	**757**	**99.8**	**233.7**
R.I	18	36	10.7	11.9	**S.A**	**1,127**	**1,942**	**350.1**	**637.1**	Mont	86	64	26.7	9.8
Conn	122	178	34.2	56.6	Del	17	48	5.0	9.1	Idaho	58	59	12.6	24.1
M.A	**1,580**	**2,143**	**703.9**	**2,285.7**	Md	127	177	20.5	50.7	Wyo	2	2	.2	1.1
N.Y	593	823	362.3	1,374.2	D.C	-	24	-	66.8	Colo	133	224	36.8	45.9
N.J	430	521	182.7	372.6	Va	234	378	55.6	107.8	N.Mex	53	80	9.2	12.9
Pa	557	799	158.9	538.9	W. Va	36	136	45.1	67.5	Ariz	16	91	1.9	24.2
E.N.C	**2,091**	**2,825**	**1,279.6**	**749.3**	N.C	194	305	51.2	71.8	Utah	28	155	4.6	85.2
Ohio	432	660	91.2	138.5	S.C	-	41	-	15.5	Nev	40	82	8.0	30.3
Ind	211	219	58.5	57.1	Ga	237	283	104.2	94.9					
Ill	653	726	175.9	198.7	Fla	282	550	68.4	153.1	**Pac**	**2,962**	**4,632**	**808.8**	**1,229.5**
Mich	604	867	904.6	251.8	**E.S.C**	**841**	**1,134**	**234.1**	**265.9**	Wash	696	820	125.0	151.3
Wis	191	353	49.4	103.2	Ky	153	223	34.6	54.8	Oreg	255	820	127.5	146.5
W.N.C	**883**	**1,209**	**328.2**	**488.0**	Tenn	449	603	115.0	129.0	Calif	1,849	2,849	521.7	897.7
Minn	280	343	176.0	249.8	Ala	154	148	61.9	41.9	Hawaii	83	89	21.6	23.5
Iowa	100	252	25.3	69.1	Miss	85	160	22.6	40.2	Alaska	79	54	12.9	10.5

- Represents zero. [1] See headnote, and footnotes 2 and 3, table 887.

Source of tables 887 and 888: Dun & Bradstreet, New York, N.Y., *The Failure Record Through 1980* and *Monthly Failure Report*.

No. 889. Industrial and Commercial Failures—Number and Liabilities, by Industry and Size of Liability: 1970 to 1981

[Excludes Hawaii prior to 1975, Alaska prior to 1977. See footnotes 2 and 3, table 887]

Industry and size of liability	Failures						Current liabilities (mil. dol.)					
	1970	1975	1978	1979	1980	1981	1970	1975	1978	1979	1980	1981
Total	**10,748**	**11,432**	**6,619**	**7,564**	**11,742**	**16,794**	**1,888**	**4,380**	**2,656**	**2,667**	**4,635**	**6,955**
Mining and manufacturing	2,035	1,645	1,013	1,165	1,599	2,223	818	1,021	879	970	1,885	2,369
Under $100,000	1,069	789	381	424	501	731	43	35	18	21	25	37
$100,000 and over	966	856	632	741	1,098	1,492	775	986	861	949	1,860	2,332
Wholesale trade	984	1,089	740	908	1,284	1,709	179	407	346	421	591	1,130
Under $100,000	650	611	313	342	468	590	27	28	15	17	24	31
$100,000 and over	334	478	427	566	816	1,119	152	379	331	404	567	1,099
Retail trade	4,650	4,799	2,889	3,183	4,910	6,882	361	1,836	777	637	994	1,559
Under $100,000	3,984	3,520	1,916	1,920	2,698	3,739	124	136	86	88	130	190
$100,000 and over	666	1,279	973	1,263	2,212	3,143	236	1,700	692	549	864	1,369
Construction	1,687	2,262	1,204	1,378	2,355	3,614	232	641	328	291	752	852
Under $100,000	1,229	1,433	650	718	1,147	1,840	42	58	28	33	56	88
$100,000 and over	458	829	554	660	1,208	1,774	190	583	300	258	696	764
Commercial service	1,392	1,637	773	930	1,594	2,366	299	475	326	348	413	1,046
Under $100,000	1,087	1,151	452	526	868	1,333	33	42	18	21	38	60
$100,000 and over	305	486	321	404	726	1,033	265	433	308	327	375	986

Source: Dun & Bradstreet, New York, N.Y., *The Failure Record Through 1980* and *Monthly Failure Report.*

No. 890. Bankruptcy Estates Filed and Pending: 1905 to 1981

[**In thousands.** For years ending **June 30,** except **1905** ending **Sept. 30.** Covers all U.S. bankruptcy courts. Bankruptcy estates "Filed" means the commencement of a proceeding through the presentation of a petition to the clerk of the bankruptcy court; "Pending" is a proceeding in which the administration has not been completed]

Year	Filed	Pending	Year	Filed	Pending	Year	Filed	Pending	Year	Filed	Pending
1905	17	28	1945	13	21	1965	180	162	1973	173	189
1910	18	28	1950	33	38	1966	192	169	1974	190	201
1915	28	44	1955	59	56	1967	208	185	1975	254	262
1920	14	30	1960	110	95	1968	198	184	1976	247	271
1925	46	60	1961	147	124	1969	185	179	1977	214	254
1930	63	61	1962	148	134	1970	194	191	1978	203	240
1935	69	65	1963	155	148	1971	201	201	1979	226	258
1940	53	55	1964	172	157	1972	183	197	1980	361	421
									1981	519	618

Source: Administrative Office of the United States Courts, *Annual Report of the Director.*

No. 891. Bankruptcy Estates Filed, by Type of Bankruptcy and Chapter of the Bankruptcy Act/Code: 1972 to 1981

[For years ended **June 30**]

Item		1972	1973	1974	1975	1976	1977	1978	1979	1980 [1]	1981
Total		**182,869**	**173,197**	**189,513**	**254,484**	**246,549**	**214,399**	**202,951**	**226,476**	**[2] 360,957**	**[2] 519,063**
Business		18,132	17,490	20,746	30,130	35,201	32,189	30,528	29,500	46,071	66,333
Non-business		164,737	155,707	168,767	224,354	211,348	182,210	172,423	196,976	314,886	452,730
Voluntary		181,752	172,200	188,493	253,198	245,383	213,257	201,944	225,549	359,768	517,729
Involuntary		1,117	997	1,020	1,286	1,166	1,142	1,007	927	1,184	1,333
Act	Code										
Chapters I-VII	Chapter 7 [3]	153,934	145,914	157,971	209,330	209,067	181,194	168,771	183,259	275,850	381,995
Chapter IX	Chapter 9 [4]	1	-	2	-	2	1	2	1	-	1
Chapter X	(X)	105	101	163	189	141	96	75	63	17	3
Chapter XI	Chapter 11 [5]	1,361	1,458	2,171	3,506	3,235	3,046	3,266	3,042	5,441	8,781
Chapter XII	(X)	92	92	172	280	525	640	650	669	212	1
Chapter XIII	Chapter 13 [6]	27,373	25,632	29,019	41,178	33,579	29,422	30,185	39,442	79,432	128,281
Section 77 [7]	(X)	3	-	15	1	-	-	2	-	-	-
(X)	Section 304 [8]	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	5	1

- Represents zero. X Not applicable. [1] For the first three months of 1980 the judiciary operated under the Bankruptcy Act and for the last nine months under both the Bankruptcy Act and the new bankruptcy code established by the Bankruptcy Reform Act of 1978. [2] Includes five Section 304 cases filed under the Reform Act in 1980 and 1 in 1981 which are not included in the subcategories of voluntary/involuntary. [3] Chapter 7, liquidation of non-exempt assets of businesses or individuals. [4] Chapter 9, adjustment of debts of a municipality. [5] Chapter 11, individual or business reorganization. [6] Chapter 13, adjustment of debts of an individual with regular income. [7] Section 77, railroad reorganization, no longer applies. Subchapter IV of Chapter 11 now provides for railroad reorganization. [8] 11 U.S.C., Section 304, cases ancillary to foreign proceedings.

Source: Administrative Office of the U.S. Courts, *Annual Report of the Director.*

No. 892. Gross Domestic Product (GDP) of Corporate Business: 1960 to 1981

[**In billions of dollars.** For explanation of GDP, see text, p. 415. Excludes gross product originating in the rest of the world. Minus sign (–) denotes negative value. See *Historical Statistics, Colonial Times to 1970*, series V 141–166, for single-year figures prior to revisions issued in 1981]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981
Gross domestic product (GDP)	**292.4**	**413.7**	**596.9**	**937.6**	**1,053.9**	**1,192.7**	**1,354.9**	**1,505.3**	**1,635.5**	**1,837.1**
Net domestic product	265.1	380.3	542.8	838.1	944.0	1,071.3	1,217.3	1,347.8	1,454.2	1,630.9
Indirect business tax [1]	29.9	43.9	66.3	101.7	110.2	118.2	128.0	136.9	155.8	186.1
Domestic income	235.2	336.5	476.5	736.4	833.8	953.1	1,089.3	1,210.9	1,298.5	1,444.8
Compensation of employees	190.8	259.7	400.8	617.4	694.4	783.0	894.9	1,015.2	1,107.3	1,224.5
Corporate profits with IVA and CCAdj [2]	44.6	75.5	64.9	97.5	123.8	152.1	172.7	164.2	151.3	167.8
Profits before tax	46.8	72.8	68.9	119.2	152.0	179.6	209.4	222.1	212.1	209.3
Profits tax liability	22.7	30.9	34.2	50.6	63.8	72.7	83.2	87.6	84.7	81.2
Profits after tax	24.1	41.9	34.8	68.6	88.2	106.9	126.2	134.5	127.5	128.1
Dividends	11.0	15.9	18.7	24.7	29.1	30.5	36.5	37.6	39.7	50.8
Undistributed profits	13.2	26.0	16.1	43.9	59.1	76.4	89.7	96.9	87.8	77.3
IVA [2]	–.2	–1.2	–6.6	–11.6	–14.7	–16.2	–24.0	–43.1	–43.0	–24.6
CCAdj [2]	–2.0	4.0	2.5	–10.1	–13.5	–11.3	–12.7	–14.8	–17.8	–16.8
Net interest	–.3	1.2	10.8	21.5	15.5	18.0	21.7	31.5	39.9	52.5
Capital consumption allowances [3]	27.3	33.4	54.1	99.5	109.9	121.5	137.6	157.5	181.2	206.2
GDP of nonfinancial corporate business	**277.0**	**393.6**	**563.7**	**890.0**	**1,001.3**	**1,128.4**	**1,276.2**	**1,416.8**	**1,537.7**	**1,732.3**
Net domestic product	250.2	360.9	511.4	795.1	896.5	1,012.7	1,145.3	1,267.3	1,365.7	1,536.5
Indirect business tax [1]	28.3	41.1	63.4	97.1	105.3	112.6	122.0	130.5	148.6	178.3
Domestic income	221.9	319.8	448.1	697.9	791.2	900.1	1,023.3	1,136.7	1,217.1	1,358.2
Compensation of employees	181.1	246.1	378.4	581.1	654.4	738.5	844.3	958.1	1,041.7	1,150.1
Corporate profits with IVA and CCAdj [2]	37.4	67.7	52.7	86.1	107.3	129.5	142.1	134.7	123.0	145.6
Profits before tax	39.7	65.2	56.8	107.3	135.0	156.5	178.4	191.8	183.0	186.6
Profits after tax	20.5	38.0	29.8	66.1	82.3	96.8	111.5	122.5	118.2	123.3
IVA [2]	–.2	–1.2	–6.6	–11.6	–14.7	–16.2	–24.0	–43.1	–43.0	–24.6
CCAdj [2]	–2.1	3.7	2.4	–9.7	–13.0	–10.8	–12.3	–13.9	–17.0	–16.3
Net interest	3.5	6.1	17.0	30.8	29.5	32.1	36.9	43.9	52.4	62.5
Capital consumption allowances [3]	26.8	32.7	52.2	94.9	104.8	115.7	130.9	149.6	172.0	195.8
CONSTANT (1972) DOLLARS										
GDP of nonfinancial corporate business	**358.4**	**495.2**	**599.6**	**694.2**	**745.5**	**795.8**	**846.3**	**876.1**	**860.3**	**881.3**
Net domestic product	322.1	452.1	542.8	622.4	671.0	718.4	765.1	790.4	770.2	787.0
Indirect business tax [1]	41.4	54.5	67.4	79.1	82.7	87.4	91.1	92.7	93.0	94.7
Domestic income	280.7	397.6	475.4	543.3	588.3	631.0	674.0	697.7	677.2	692.2

[1] Plus business transfer payments less subsidies. [2] Inventory valuation and capital consumption adjustments, closest to profits as measured on corporation's own books. [3] With capital consumption adjustments.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76*, and *Survey of Current Business*, July 1982.

No. 893. Rates of Return on Current-Dollar Net Reproducible Tangible Nonfinancial Corporate Capital Stock Using Various Profit Measures: 1960 to 1980

[**In percent:** The profits concept emphasized in the national income and product account (NIPA) is profits from current production. The NIPA measure excludes capital gains and losses from income and resembles Pigou's concept in that NIPA profits are the excess of income over expenses beyond that necessary to maintain tangible capital intact. See A.C. Pigou, "Maintaining Capital Intact," *Economica* (August 1941): 271–75. See source pp. 30–42 for details]

YEAR	NIPA profits	NIPA profits plus net interest	After-tax NIPA profits	After-tax NIPA profits plus net interest	Reported profits [1]	Reported profits plus net interest	After-tax reported profits	After-tax reported profits plus net interest
1960	10.2	11.1	4.9	5.9	10.8	11.8	5.5	6.5
1965	14.8	16.1	8.8	10.2	14.2	15.6	8.1	9.6
1970	7.1	9.5	3.5	5.8	7.7	10.0	3.8	6.3
1971	7.8	10.1	4.1	6.3	8.2	10.5	4.2	6.7
1972	8.5	10.7	4.6	6.8	8.9	11.1	4.9	7.2
1973	8.2	10.6	4.0	6.4	10.0	12.4	5.5	8.2
1974	5.5	8.1	1.9	4.4	9.1	11.7	5.2	8.1
1975	6.5	8.8	3.4	5.7	8.1	10.4	4.6	7.3
1976	7.5	9.6	3.8	5.9	9.4	11.5	5.4	7.8
1977	8.2	10.2	4.4	6.4	9.9	11.9	6.1	8.1
1978	8.0	10.0	4.2	6.3	10.0	12.1	6.3	8.3
1979	6.6	8.8	3.2	5.4	9.4	11.6	6.0	8.2
1980	5.3	7.5	2.5	4.8	7.9	10.1	5.1	7.3

[1] Represents profits before tax which is equal to NIPA profits less the inventory valuation and capital consumption adjustments, closest to profits as measured on corporation's own books.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, January 1982.

No. 894. Nonfinancial Corporate Business-Sector Balance Sheet: 1960 to 1981

[**In billions of dollars.** Represents year-end outstandings. 1981 preliminary]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981
Total assets	**630**	**825**	**1,241**	**1,674**	**1,946**	**2,090**	**2,273**	**2,513**	**2,846**	**3,284**	**3,668**	**3,996**
Tangible assets	449	566	871	1,148	1,429	1,532	1,662	1,850	2,091	2,408	2,710	2,963
Reproducible	368	469	758	1,011	1,267	1,361	1,476	1,644	1,857	2,143	2,416	2,655
Land	81	97	113	137	163	171	186	206	234	266	294	308
Financial assets	182	259	370	526	517	558	611	663	756	875	958	1,033
Liquid assets	51	63	69	101	105	125	140	144	155	172	186	198
Demand deposits and currency	28	33	44	46	48	54	56	58	62	68	70	73
Time deposits	3	9	5	17	20	22	24	29	31	36	38	43
Consumer credit	11	15	17	22	22	23	24	25	26	29	31	33
Trade credit	81	119	189	267	244	250	268	299	358	427	461	498
Miscellaneous assets	38	62	94	137	145	160	179	194	216	246	281	304
Total liabilities	**239**	**351**	**563**	**794**	**817**	**857**	**933**	**1,038**	**1,186**	**1,370**	**1,494**	**1,653**
Credit market instruments	154	224	376	523	601	634	687	769	860	972	1,062	1,181
Profit taxes payable	14	20	11	16	17	14	22	20	24	24	17	10
Trade debt	64	98	162	235	174	180	194	215	261	320	349	383
Foreign direct investment in U.S	7	9	13	21	25	28	31	35	42	54	65	80
Net worth	**391**	**474**	**678**	**881**	**1,128**	**1,233**	**1,340**	**1,475**	**1,660**	**1,914**	**2,174**	**2,343**

Source: Board of Governors of the Federal Reserve System, *Balance Sheets For U.S. Economy.*

No. 895. Working Capital of Nonfinancial Corporations: 1971 to 1981

[**In billions of dollars, except ratios.** As of **December 31.** Covers all nonfinancial U.S. corporations]

ITEM	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Current assets	**529.6**	**599.3**	**697.8**	**734.6**	**756.3**	**823.1**	**900.9**	**1,028.1**	**1,200.9**	**1,281.6**	**1,361.4**
Cash on hand and in banks [1]	53.3	59.0	66.3	73.0	80.0	86.8	94.3	103.7	116.1	121.0	124.5
U.S. Government securities	11.0	10.6	12.8	11.3	19.6	26.0	18.7	17.8	15.6	17.3	15.8
Receivables, total [2]	221.1	248.2	288.5	265.5	272.1	292.4	325.0	381.9	456.8	491.2	512.3
Inventories	200.4	225.7	263.9	318.9	314.7	341.4	375.6	428.3	501.7	525.4	565.3
Other current assets	43.8	55.8	66.4	65.9	69.9	76.4	87.3	96.3	110.7	126.7	143.4
Current liabilities	**326.0**	**375.6**	**450.9**	**451.8**	**446.9**	**487.5**	**546.8**	**661.9**	**809.1**	**877.2**	**962.3**
Payables	220.5	282.9	340.3	272.3	261.2	273.2	313.7	375.1	456.3	498.3	541.3
Other current liabilities	105.5	92.7	110.7	179.5	185.7	214.2	233.1	286.8	352.8	378.9	421.0
Net working capital	**203.6**	**223.7**	**246.9**	**282.8**	**309.5**	**335.6**	**354.1**	**366.2**	**391.8**	**404.4**	**399.1**
Liquidity ratio [3]	.332	.334	.323	.332	.379	.368	.366	.329	.300	.302	.295
Current ratio [4]	1.625	1.595	1.548	1.626	1.693	1.688	1.648	1.553	1.484	1.461	1.415

[1] Includes time certificates of deposits. [2] Includes U.S. Government receivables. [3] Cash plus U.S. Government securities plus "other current assets," divided by "current liabilities." [4] "Current assets" divided by "current liabilities."

Source: U.S. Federal Trade Commission. In Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin.*

No. 896. Largest Manufacturing Corporations—Percent Share of Assets Held: 1950 to 1981

[Prior to 1970, excludes newspapers. Data prior to 1974 not strictly comparable with later years.]

CORPORATION RANK GROUP	1950	1955	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981
100 largest	39.7	44.3	46.4	46.5	48.5	44.7	44.4	45.0	45.4	45.9	45.5	46.1	46.7	46.8
200 largest	47.7	53.1	56.3	56.7	60.4	56.9	56.7	57.5	58.0	58.5	58.3	59.0	59.7	60.0

Source: U.S. Federal Trade Commission, unpublished data.

No. 897. Largest Manufacturing Companies—Percent Share of Total Value Added by Manufacture: 1947 to 1977

["Largest companies" are those which were largest in each of the specified years in terms of value added. For details, see Appendix III. See also *Historical Statistics, Colonial Times to 1970,* series P 177–180]

COMPANY RANK	1947 Census	1954 Census	1958 Census	1962 ASM	1963 Census	1966 ASM	1967 Census	1970 ASM	1972 Census	1976 ASM	1977 Census
Largest 50 companies	17	23	23	24	25	25	25	24	25	24	24
Largest 100 companies	23	30	30	32	33	33	33	33	33	34	33
Largest 150 companies	27	34	35	36	37	38	38	38	39	40	39
Largest 200 companies	30	37	38	40	41	42	42	43	43	44	44

Source: U.S. Bureau of the Census, *Census of Manufactures* and *Annual Survey of Manufactures (ASM).*

No. 898. Active Corporation Income Tax Returns—Selected Items: 1960 to 1979

[**In billions of dollars, except number of returns.** Federal returns and active corporations only. See headnote, table 442. See also *Historical Statistics, Colonial Times to 1970,* series V 129–136]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979
Number of returns (1,000)	1,140	1,424	1,666	1,966	2,024	2,082	2,242	2,377	2,557
Returns with—									
Assets, end of year (1,000)	1,095	1,380	1,619	1,903	1,952	2,017	2,185	2,306	2,487
Net income (1,000)	670	915	1,008	1,208	1,226	1,274	1,425	1,524	1,586
Income tax less credits [1] (1,000)	(NA)	(NA)	735	803	733	749	776	854	962
Total receipts [2]	849.1	1,194.6	1,750.8	3,089.7	3,198.6	3,635.5	4,128.3	4,714.6	5,598.7
Business receipts	802.8	1,120.4	1,620.9	2,854.8	2,961.7	3,370.4	3,813.9	4,353.7	5,136.1
Interest [3]	23.6	37.2	71.6	143.0	143.3	156.0	176.7	220.9	289.3
Receipts not specified	13.6	22.0	38.8	55.5	63.1	71.0	92.4	90.6	108.4
Total deductions [2]	804.6	1,119.9	1,682.8	2,941.5	3,052.7	3,448.9	3,908.8	4,467.2	5,315.7
Cost of sales and operations	577.0	793.0	1,146.3	2,068.1	2,129.9	2,416.6	2,725.0	3,113.4	3,709.7
Interest paid	14.6	26.4	62.1	132.9	129.3	135.1	152.9	192.4	261.3
Deductions not specified	178.8	249.9	395.5	605.5	658.9	746.3	857.3	963.6	1,117.4
Receipts less deductions	44.5	74.7	67.9	148.2	146.0	186.6	219.5	247.4	283.0
Net income less deficit	43.5	73.9	65.9	146.0	142.6	185.4	219.2	246.9	284.6
Income tax [4]	21.9	31.7	33.3	66.1	66.1	83.2	96.3	107.9	120.0
Income tax less credits [1]	20.6	27.3	27.9	41.1	39.7	49.8	56.7	64.4	65.9
Distributions to stockholders [5]	17.2	26.0	32.0	49.3	45.2	54.6	61.5	70.3	86.6

NA Not available. [1] Credits includes foreign tax, investment, work incentive (WIN) (beginning 1974), U.S. possessions tax (beginning 1976), and jobs credits (beginning 1977). [2] Includes items not shown separately. [3] Includes interest on Government obligations and other interest. [4] Income tax is before deductions for credit; see footnote 1. Beginning 1965, includes tax from recomputing prior-year investment credit; 1970, includes tax surcharge. Beginning 1970, includes additional tax for tax preferences; beginning 1974, includes tax from recomputing prior-year work incentive (WIN) credit. [5] Other than own stock.

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

No. 899. Active Corporations—Income Tax Returns, by Asset Size: 1960 to 1979

[Figures are estimates based on samples of active corporations filing income tax returns; see Appendix III. See *Historical Statistics, Colonial Times to 1970,* series V 42, for total active corporations]

ASSET SIZE-CLASS	NUMBER OF RETURNS (1,000)						TOTAL ASSETS (bil. dol.)					
	1960	1965	1970	1975	1978	1979	1960	1965	1970	1975	1978	1979
Total	**1,140.6**	**1,424.0**	**1,665.5**	**2,023.6**	**2,376.8**	**2,556.8**	**1,207**	**1,724**	**2,635**	**4,287**	**6,014**	**6,835**
Under $100,000 [1]	684.6	846.2	961.0	1,882.3	1,320.9	1,403.3	23	28	32	255	43	46
$100,000–$1 mil	389.3	490.7	599.1		862.2	940.3	111	143	178		274	301
$1 mil.–$10 mil	56.3	73.5	87.0	116.4	162.3	180.5	159	206	240	310	425	468
$10 mil.–$25 mil	5.8	7.4	9.8	12.2	15.2	15.3	89	115	153	193	241	241
$25 mil.–$50 mil	2.1	2.9	3.9	5.6	6.9	7.3	73	99	135	195	242	258
$50 mil.–$100 mil	1.1	1.5	2.1	3.1	4.1	4.4	80	104	145	213	288	311
$100 mil.–$250 mil	.8	1.1	1.4	2.1	2.7	3.0	119	165	222	331	423	462
$250 mil. and over	.6	.8	1.2	1.9	2.5	2.7	552	862	1,530	2,790	4,078	4,748

[1] Includes returns with zero assets.

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

No. 900. Active Corporations—Assets and Liabilities: 1960 to 1979

[**In billions of dollars.** See headnote, table 442. For number of income tax returns, see table 898. See also *Historical Statistics, Colonial Times to 1970,* series V 108–127]

ASSETS AND LIABILITIES	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Assets [1]	**1,207**	**1,724**	**2,635**	**2,889**	**3,257**	**3,649**	**4,016**	**4,287**	**4,721**	**5,326**	**6,014**	**6,835**
Cash	97	117	177	196	228	259	281	290	315	362	413	462
Notes and accounts receivable [2]	242	392	595	650	762	891	998	1,021	1,137	1,304	1,551	1,771
Inventories	91	126	190	199	224	263	312	318	351	396	443	503
Mortgage and real estate loans	129	(NA)	328	366	418	463	508	548	599	661	762	841
Capital assets [3]	293	395	600	634	685	750	831	892	969	1,076	1,196	1,348
Liabilities [1]	**1,207**	**1,724**	**2,635**	**2,889**	**3,257**	**3,649**	**4,016**	**4,287**	**4,721**	**5,326**	**6,014**	**6,835**
Notes and accounts payable [4]	112	174	320	334	386	461	539	536	579	666	784	933
Other current liabilities	365	583	892	1,005	1,163	1,316	1,459	1,577	1,791	2,063	2,336	2,583
Bonded debt and mortgages [5]	154	210	363	403	445	493	542	587	638	694	781	885
Surplus and undivided profits [6] (net)	269	375	551	599	666	730	776	843	938	1,064	1,185	1,364

NA Not available. [1] Includes assets, or liabilities, not shown separately. [2] Less allowance for bad debts. Includes loans and discounts of banks, except mortgage and real estate loans. [3] Less depreciation, amortization, and depletion reserves. Includes land and intangible assets. [4] Includes bonds, notes, and mortgages payable with maturity of less than 1 year. [5] With maturity of 1 year or more. [6] Beginning 1970, reduced by cost of treasury stock.

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

No. 901. Active Corporations—Income Tax Returns, by Asset Size and Industry: 1979

[In billions of dollars, except as indicated. See headnote and footnotes, table 442. See also *Historical Statistics, Colonial Times to 1970*, series V 167-183 and V 193-196]

Industry and item	Total	Asset size-class: Under 10 mil. dol.[1]	10-24.9 mil. dol.	25-49.9 mil. dol.	50-99.9 mil. dol.	100-249.9 mil. dol.	250 mil. dol. and over
All industrial divisions: [2]							
Number of returns	2,556,794	2,524,070	15,279	7,323	4,436	3,006	2,680
Total assets or liabilities	6,835.1	814.6	241.3	258.3	310.8	462.2	4,747.9
Total receipts	5,598.7	1,890.1	264.1	191.0	211.2	299.0	2,743.2
Total deductions [3]	5,315.7	1,842.8	252.8	181.8	200.4	283.2	2,554.7
Cost of sales and operations	3,709.7	1,321.3	190.5	127.9	142.5	196.4	1,731.1
Interest and taxes paid	389.0	78.2	13.6	14.1	17.2	24.8	241.1
Depreciation and amortization	139.5	34.9	5.2	3.6	3.9	6.2	85.6
Depletion	7.8	.5	.2	.2	.2	.5	6.2
Net income less deficit [4]	284.6	47.1	10.9	8.7	10.2	15.3	192.4
Income tax [5]	120.0	18.1	4.7	3.8	4.0	6.3	83.1
Percent distribution:							
Number of returns	100.0	98.7	.6	.3	.2	.2	.1
Total assets or liabilities	100.0	11.9	3.5	3.8	4.6	6.8	69.5
Total receipts	100.0	33.8	4.7	3.4	3.8	5.3	49.0
Total deductions	100.0	34.7	4.8	3.4	3.8	5.3	48.1
Net income less deficit [4]	100.0	16.6	3.8	3.1	3.6	5.4	67.6
Income tax [5]	100.0	15.1	3.9	3.2	3.3	5.3	69.3
Agriculture, forestry, and fishing:							
Number of returns	83,489	83,294	173		12	6	4
Total assets or liabilities	38.0	30.7	3.3		.9	1.1	2.0
Total receipts	53.3	40.5	5.2		1.8	.9	4.9
Mining:							
Number of returns	23,919	23,331	296	107	81	53	51
Total assets or liabilities	115.1	13.9	4.7	3.8	5.7	8.2	78.8
Total receipts	132.5	18.7	3.9	2.8	4.8	4.5	97.8
Construction:							
Number of returns	249,887	248,808	755	188	82	32	22
Total assets or liabilities	123.3	79.9	11.3	6.4	5.8	5.0	14.9
Total receipts	252.9	192.3	17.4	7.5	6.5	7.4	21.8
Manufacturing:							
Number of returns	236,564	230,550	3,160	1,084	655	521	594
Total assets or liabilities	1,528.6	142.8	49.0	38.0	46.1	82.0	1,170.6
Total receipts	2,152.7	340.9	92.2	63.3	71.7	121.9	1,462.7
Transportation and public utilities:							
Number of returns	103,770	102,640	484	183	105	107	251
Total assets or liabilities	674.5	32.9	7.4	6.5	7.2	16.7	603.8
Total receipts	446.0	65.8	9.6	7.7	8.9	14.1	339.9
Wholesale and retail trade:							
Number of returns	772,598	768,492	2,525	762	409	247	163
Total assets or liabilities	573.3	275.0	37.9	26.4	28.4	37.5	168.1
Total receipts	1,752.7	972.8	109.5	75.0	82.2	99.5	413.7
Finance, insurance, real estate: [6]							
Number of returns	471,222	452,722	7,240	4,748	2,977	1,987	1,548
Total assets or liabilities	3,626.9	154.0	118.7	168.7	208.5	304.1	2,672.9
Total receipts	561.1	72.0	17.3	24.7	27.5	42.5	377.1
Services:							
Number of returns	603,445	602,341	673	216	115	53	47
Total assets or liabilities	154.0	83.9	10.1	7.5	8.1	7.7	36.7
Total receipts	245.1	184.7	11.0	8.0	7.9	8.3	25.2

[1] Includes returns of corporations with zero assets. [2] Includes data not shown separately. [3] Includes deductions not specified. For deductions detail, see table 898. [4] Excludes wholly tax-exempt interest but includes income from related foreign corporations considered received for tax purposes only. [5] Income tax is before deductions for foreign tax, U.S. possessions tax, investment, work incentive (WIN) and new jobs credits. Includes additional tax for tax preferences, taxes from recomputing prior year investment, and work incentive (WIN) credits. [6] Includes lessors of real property.

Source: U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns, 1979.*

No. 902. Average Annual Growth Rate of Physical Capital Per Hour Worked in Private Business: 1948 to 1980

[In percent. Rates based on capital valued in constant (1972) dollars. Excludes nonprofit institutions and government enterprises; see also headnote, table 903. Minus sign (–) denotes decrease]

Item	1948-1965	1965-1973	1973-1978	1978-1980	1973-1974	1974-1975	1975-1976	1976-1977	1977-1978	1978-1979	1979-1980
Total net	**2.6**	**2.8**	**1.2**	**1.7**	**3.3**	**6.9**	**–1.1**	**–1.3**	**–1.7**	**–.1**	**3.3**
Equipment	3.7	4.6	2.9	3.1	5.5	8.3	.1	.4	.1	1.6	4.5
Structures	2.3	2.2	.2	1.0	1.8	6.8	–1.9	–2.6	–3.1	–1.0	3.1
Inventories	2.9	3.2	.9	–.1	3.4	3.1	–.5	–.3	–1.0	–.6	.6
Land	1.1	–.4	–.3	–.1	.7	6.7	–1.8	–2.9	–3.9	–2.4	2.2

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

No. 903. Fixed Nonresidential Business Capital—Cost Valuation in Current and Constant (1972) Dollars: 1960 to 1981

[**In billions of dollars.** Stocks as of **Dec. 31**; depreciation over entire calendar year. Data refer to privately owned assets and are based on the fixed capital formation components of the gross national product. Excludes residential capital and government enterprises; includes nonprofit institutions. Gross stocks allow for retirement; net stocks allow for retirement and depreciation. Estimates are based on straight-line depreciation and 85 percent of service lives given in *Bulletin F*, Internal Revenue Service. For single-year figures prior to revisions issued in 1981 and data in constant (1958) dollars, see *Historical Statistics of the United States, Colonial Times to 1970*, series F 480–527]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
	CURRENT DOLLARS										
All industries: [1]											
Gross stocks	685.9	851.6	1,363.6	2,262.1	2,470.6	2,670.8	3,003.9	3,414.8	3,920.1	4,461.4	5,014.2
Equipment	336.4	411.5	645.1	1,010.8	1,157.3	1,277.7	1,433.6	1,626.1	1,858.5	2,117.1	2,403.5
Structures	349.5	440.1	718.6	1,251.3	1,313.3	1,393.0	1,570.3	1,788.6	2,061.7	2,344.3	2,610.7
Net stocks	360.2	487.2	807.3	1,334.7	1,440.8	1,542.8	1,726.8	1,960.3	2,248.2	2,547.5	2,849.2
Equipment	181.9	226.7	368.9	576.0	651.4	712.5	797.6	907.3	1,038.8	1,176.1	1,324.4
Structures	198.3	260.5	438.4	758.7	789.4	830.3	929.3	1,053.0	1,209.4	1,371.4	1,524.8
Depreciation	36.2	43.9	69.8	106.9	126.8	139.0	154.4	175.2	201.6	231.6	262.4
Equipment	24.8	30.0	47.5	70.2	84.8	94.7	106.0	119.7	137.0	156.9	178.3
Structures	11.4	13.9	22.2	36.7	42.0	44.4	48.3	55.5	64.6	74.7	84.1
Manufacturing:											
Gross stocks	179.4	217.2	343.6	529.2	577.3	623.0	703.1	797.5	922.4	1,058.1	1,196.2
Equipment	103.3	126.1	198.1	299.4	348.3	386.0	438.7	496.5	577.6	673.1	782.1
Structures	76.1	91.1	145.5	229.7	229.1	237.0	264.4	301.0	344.8	385.0	414.1
Net stocks	95.6	116.4	191.2	292.7	319.3	343.9	387.3	438.2	508.8	586.3	663.8
Equipment	54.7	68.2	112.3	170.4	198.2	219.0	248.8	281.0	328.1	383.8	445.3
Structures	40.9	48.1	78.9	122.3	121.2	124.8	138.5	157.2	180.7	202.5	218.5
Depreciation	10.0	12.0	18.9	26.5	31.6	34.5	38.5	43.2	50.1	58.5	67.2
Equipment	7.3	8.8	14.0	19.0	23.3	26.1	29.5	33.2	38.5	45.1	52.8
Structures	2.7	3.1	4.9	7.5	8.3	8.4	8.9	10.1	11.7	13.4	14.4
Nonfarm nonmfg:											
Gross stocks	452.6	570.4	927.2	1,581.5	1,728.6	1,866.0	2,094.2	2,375.8	2,721.5	3,091.0	3,471.7
Equipment	199.6	246.7	394.9	629.9	716.4	787.1	877.4	992.5	1,126.4	1,269.1	1,423.5
Structures	253.0	323.7	532.3	951.7	1,012.2	1,078.9	1,216.8	1,383.3	1,595.1	1,822.0	2,048.1
Net stocks	255.0	335.0	563.1	954.8	1,026.4	1,093.9	1,219.9	1,382.0	1,579.3	1,782.5	1,990.3
Equipment	109.9	138.0	228.3	360.3	401.5	434.9	483.1	549.7	624.6	696.6	773.1
Structures	145.1	196.9	334.7	594.5	624.9	658.9	736.8	832.3	954.7	1,085.9	1,217.2
Depreciation	23.0	28.3	45.7	72.8	86.2	94.6	104.7	119.2	136.7	156.2	176.5
Equipment	14.8	18.2	29.4	45.4	54.5	60.6	67.5	76.3	86.9	98.4	110.6
Structures	8.2	10.1	16.2	27.4	31.7	34.0	37.2	42.9	49.8	57.8	65.9
	CONSTANT (1972) DOLLARS										
All industries: [1]											
Gross stocks	977.9	1,155.3	1,452.6	1,714.7	1,766.9	1,821.9	1,888.0	1,969.8	2,056.8	2,137.5	2,220.2
Equipment	427.4	504.8	665.1	819.2	850.7	885.4	929.4	985.8	1,045.1	1,097.2	1,148.0
Structures	550.5	650.5	787.5	895.5	916.1	936.5	958.6	984.0	1,011.7	1,040.3	1,072.2
Net stocks	543.2	662.9	860.1	1,012.4	1,033.7	1,056.9	1,089.5	1,135.3	1,184.6	1,226.3	1,268.5
Equipment	229.7	276.9	379.7	467.8	480.4	495.7	519.2	553.2	588.7	615.8	641.1
Structures	313.6	386.0	480.3	544.6	553.3	561.2	570.3	582.1	595.9	610.5	627.5
Depreciation	49.5	58.2	76.2	92.1	96.1	99.6	103.8	109.2	115.9	121.3	126.8
Equipment	31.8	37.3	50.8	63.4	66.6	69.4	73.0	77.5	82.8	87.8	92.3
Structures	17.7	20.9	25.4	28.7	29.5	30.1	30.8	31.6	32.5	33.5	34.5
Manufacturing:											
Gross stocks	263.9	296.0	363.6	407.7	420.1	433.6	450.8	469.8	494.7	523.7	553.8
Equipment	136.2	157.3	204.4	241.5	253.0	265.4	281.0	297.8	319.7	345.8	372.5
Structures	127.7	138.7	159.1	166.2	167.1	168.2	169.7	172.0	175.0	177.9	181.3
Net stocks	140.4	158.1	202.2	225.9	232.7	239.7	249.2	259.5	275.1	293.6	311.8
Equipment	71.9	84.8	115.8	137.4	144.3	151.1	160.3	169.7	183.3	200.0	216.1
Structures	68.6	73.2	86.3	88.5	88.4	88.6	88.9	89.9	91.7	93.6	95.7
Depreciation	14.1	15.9	20.4	23.0	24.0	25.0	26.2	27.6	29.4	31.7	34.3
Equipment	9.6	11.1	14.8	17.1	18.0	19.0	20.1	21.5	23.1	25.3	27.8
Structures	4.4	4.8	5.6	5.9	6.0	6.0	6.1	6.1	6.2	6.4	6.5
Nonfarm nonmfg:											
Gross stocks	635.2	772.8	988.7	1,193.3	1,228.5	1,265.1	1,309.0	1,365.9	1,422.7	1,471.3	1,521.7
Equipment	246.5	299.6	405.0	514.6	532.0	551.6	577.3	613.6	647.8	672.4	695.7
Structures	388.6	473.2	583.7	678.7	696.5	713.5	731.7	752.4	774.9	798.9	825.9
Net stocks	359.2	456.1	600.7	721.1	732.6	745.8	765.8	797.8	828.6	851.0	874.9
Equipment	134.8	166.9	233.8	295.3	299.4	306.2	319.1	341.8	361.9	372.4	382.1
Structures	224.4	289.2	366.9	425.7	433.2	439.6	446.7	456.0	466.6	478.6	492.8
Depreciation	30.9	37.5	50.1	62.7	65.4	67.7	70.4	74.0	78.1	81.5	84.3
Equipment	18.5	22.5	31.5	41.3	43.3	45.0	47.1	50.1	53.4	56.1	58.0
Structures	12.4	15.0	18.5	21.5	22.1	22.7	23.3	23.9	24.6	25.4	26.3

[1] Includes farm, not shown separately.

Source: U.S. Bureau of Economic Analysis, *Fixed Reproducible Tangible Wealth in the United States, 1925–79*, and *Survey of Current Business*, August 1982.

No. 904. Fixed Nonresidential Business Capital—Average Age of Gross Stocks, Constant (1972) Cost Valuation: 1960 to 1981

[**Age in years.** As of **Dec. 31.** See headnote, table 903, and *Historical Statistics, Colonial Times to 1970,* series F 516-527]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
All industries: Gross stocks	12.0	11.2	10.3	10.0	10.1	10.1	10.1	10.1	10.0	10.0	10.0
Equipment	7.1	7.0	6.5	6.3	6.4	6.4	6.4	6.3	6.3	6.3	6.3
Structures	15.9	14.5	13.5	13.4	13.5	13.7	13.8	13.9	14.0	14.0	14.1
Manufacturing: Gross stocks	10.8	10.7	9.8	9.7	9.6	9.5	9.5	9.4	9.2	9.0	8.8
Equipment	7.3	7.2	6.6	6.6	6.6	6.6	6.5	6.5	6.4	6.3	6.2
Structures	14.5	14.6	14.0	14.2	14.2	14.3	14.3	14.3	14.2	14.2	14.1
Nonfarm nonmfg.: Gross stocks	12.7	11.5	10.4	10.1	10.2	10.3	10.4	10.3	10.3	10.4	10.4
Equipment	7.0	6.9	6.4	6.1	6.3	6.3	6.3	6.2	6.2	6.2	6.3
Structures	16.3	14.3	13.2	13.1	13.2	13.4	13.6	13.7	13.8	13.9	14.0
Farm: Gross stocks	11.0	10.8	10.5	10.4	10.4	10.3	10.3	10.2	10.2	10.4	10.6
Equipment	7.0	7.2	6.7	6.5	6.4	6.4	6.4	6.3	6.3	6.5	6.7
Structures	16.1	15.4	15.2	15.4	15.3	15.3	15.2	15.1	15.2	15.3	15.5

Source: U.S. Bureau of Economic Analysis, *Fixed Reproducible Tangible Wealth in the United States, 1925-79,* and unpublished data.

No. 905. Gross Private Domestic Investment in Current and Constant (1972) Dollars: 1960 to 1981

[**In billion of dollars**]

ITEM	1960	1965	1970	1973	1974	1975	1979	1980	1981
CURRENT DOLLARS									
Gross private domestic investment	**75.9**	**113.5**	**144.2**	**229.8**	**228.7**	**206.1**	**423.0**	**402.3**	**471.5**
Less: Capital consumption allowances [1]	46.3	56.0	88.1	116.5	136.0	159.3	256.0	293.2	330.1
Equals: Net private domestic investment	**29.6**	**57.5**	**56.2**	**113.3**	**92.7**	**46.8**	**167.0**	**109.1**	**141.4**
Fixed investment	**72.9**	**103.7**	**141.0**	**211.3**	**214.5**	**213.0**	**408.8**	**412.4**	**451.1**
Nonresidential	48.5	72.7	103.9	143.3	156.6	157.7	290.2	309.2	346.1
Structures	18.8	27.0	38.7	51.0	55.9	55.4	98.3	110.5	129.7
Producers' durable equipment	29.7	45.8	65.2	92.3	100.7	102.3	191.9	198.6	216.4
Residential	24.5	30.9	37.1	68.0	57.9	55.3	118.6	103.2	104.9
CONSTANT (1972) DOLLARS									
Gross private domestic investment	**104.7**	**151.9**	**158.5**	**217.5**	**195.5**	**154.8**	**236.3**	**208.4**	**225.8**
Less: Capital consumption allowances [1]	63.3	74.8	96.1	110.8	116.1	120.8	143.0	149.6	155.6
Equals: Net private domestic investment	**41.4**	**77.2**	**62.4**	**106.8**	**79.3**	**34.0**	**93.3**	**58.8**	**70.3**
Fixed investment	**101.2**	**140.1**	**154.8**	**200.4**	**183.9**	**161.5**	**229.1**	**213.3**	**216.9**
Nonresidential	66.9	97.4	113.8	138.1	135.7	119.3	169.9	166.1	172.0
Structures	29.5	40.6	43.9	47.4	43.6	38.3	49.1	48.5	51.6
Producers' durable equipment	37.4	56.8	69.9	90.7	92.1	81.1	120.8	117.6	120.4
Residential	34.2	42.7	41.0	62.3	48.2	42.2	59.1	47.2	44.9

[1] With capital consumption adjustment.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76,* and *Survey of Current Business,* July 1982.

No. 906. Capital Stock Per Hour Worked: 1950 to 1979

[**In 1972 dollars.** Represents the "capital/labor ratio"]

INDUSTRY AND 1972 INDUSTRY CODE	1950	1960	1970	1979
Public utilities, 49	69.49	109.96	134.42	167.09
Petroleum, 29	34.25	46.26	63.19	69.60
Communication, 48	21.14	35.89	50.07	67.06
Transportation, 41-47	34.56	44.13	43.29	37.60
Primary metals, 33	13.99	23.31	27.46	29.65
Mining, 10-14	21.02	27.35	30.95	21.93
Tobacco, 21	17.21	22.53	23.93	35.93
Chemicals, 21	15.10	20.17	22.42	28.73
Paper, 26	14.07	15.48	18.02	22.03
Stone, clay, glass, 32	8.29	12.22	14.55	15.29
Transportation equipment, 37	6.84	8.26	11.91	13.48
Nonelectric machinery, 35	6.78	8.40	10.42	11.72
Food, 20	8.95	9.67	10.72	13.06
Services, 70-89	5.80	6.54	9.74	9.21
Fabricated metals, 34	4.17	6.60	7.98	9.30
Rubber and plastics, 30	5.86	8.76	9.00	8.96
Finance and insurance, 60-64	5.15	6.57	8.65	10.56
Lumber and wood, 24	5.93	4.18	6.25	7.64
Instruments, 38	5.84	6.19	7.47	7.52
Textiles, 22	3.64	7.32	8.47	9.43
Electric machinery, 36	4.99	4.80	7.24	8.47
Printing and publishing, 27	6.01	4.84	6.28	7.01
Wholesale, retail trade, 50-59	4.37	5.28	7.72	7.33
Construction, 15-17	1.98	3.03	4.57	3.39
Furniture and fixtures, 25	4.24	3.84	4.49	5.02
Leather, 31	2.70	2.42	3.04	3.58
Apparel, 3	1.88	1.51	2.46	2.98

Source: The Conference Board, N.Y., *Economic Road Maps,* monthly. (Copyright.)

No. 907. Business Expenditures for New Plant and Equipment: 1960 to 1982

[In billions of dollars, except percent. Excludes expenditures of agricultural business and current account outlays. Based on sample and subject to sampling variability: see text, p. 526. These figures do not agree with the fixed nonresidential investment data mainly because those data exclude investments for equipment, and include investment by farmers and certain outlays to current account. Minus sign (–) denotes decrease. See also *Historical Statistics, Colonial Times to 1970,* series V 306-332]

INDUSTRY	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981	1982 [1]
CURRENT DOLLARS											
Total	**48.63**	**70.43**	**105.61**	**157.71**	**171.45**	**198.08**	**231.24**	**270.46**	**295.63**	**321.49**	**328.60**
Manufacturing	16.36	25.41	36.99	54.92	59.95	69.22	79.72	98.68	115.81	126.79	127.29
Durable goods [2]	8.28	13.49	19.80	26.33	28.47	34.04	40.43	51.07	58.91	61.84	61.17
Primary metals	1.79	2.57	3.24	5.81	5.76	5.44	5.74	6.76	7.71	8.12	8.23
Electrical machinery [3]	1.02	1.69	3.49	3.14	3.66	4.67	5.69	7.28	9.59	10.31	11.76
Machinery [4]	1.21	2.24	3.78	4.96	5.53	6.59	7.21	10.52	11.59	13.22	13.89
Transportation equip.	1.94	3.74	4.65	5.92	6.39	9.06	12.02	15.32	18.16	18.39	16.21
Percent motor veh.	75.8	80.2	65.6	56.6	56.7	64.2	60.0	54.2	49.9	54.8	53.7
Nondurable goods [2]	8.08	11.92	17.19	28.59	31.47	35.18	39.29	47.61	56.90	64.95	66.12
Food and beverage	1.35	1.87	3.32	4.02	4.80	5.12	5.97	6.62	7.39	8.22	7.74
Paper	.77	1.07	1.74	2.98	3.11	3.60	3.99	5.55	6.80	6.72	5.91
Chemicals	1.59	2.82	3.38	7.63	8.12	8.14	8.46	10.78	12.60	13.60	14.24
Petroleum	2.89	3.86	5.16	9.59	10.77	12.69	13.95	16.21	20.69	26.56	27.89
Nonmanufacturing	32.28	45.02	68.62	102.79	111.50	128.87	151.52	171.77	179.81	194.70	201.31
Mining	1.29	1.36	2.02	6.10	7.44	9.24	10.21	11.38	13.51	16.86	17.24
Transportation	3.19	5.46	6.95	8.68	8.89	9.40	10.68	12.35	12.09	12.05	12.57
Public utilities	5.40	6.49	13.03	19.98	22.37	26.79	29.95	33.96	35.44	38.40	39.55
Electric	3.85	4.76	10.56	16.65	18.75	22.23	24.63	27.65	28.12	29.74	31.30
Gas and other	1.54	1.73	2.46	3.33	3.62	4.56	5.32	6.31	7.32	8.65	8.25
Trade and services	16.15	22.13	29.77	46.23	49.30	56.54	68.66	79.26	81.79	86.33	88.79
Comm. and other [5]	6.25	9.58	16.85	21.80	23.51	26.90	32.02	34.83	36.99	41.06	43.15
Avg. annual percent change: [6]											
Total	[7]5.8	7.6	8.4	8.4	8.7	15.5	16.7	17.0	9.3	8.7	2.2
Manufacturing	[7]5.6	9.2	7.7	8.2	9.2	15.5	15.2	23.8	17.4	9.5	.4
Nonmanufacturing	[7]5.9	6.9	8.8	8.4	8.5	15.6	17.6	13.4	4.7	8.3	3.4
CONSTANT (1972) DOLLARS											
Total	**66.69**	**93.22**	**115.27**	**119.66**	**123.11**	**134.88**	**145.99**	**157.28**	**158.52**	**158.56**	**154.78**
Manufacturing	22.19	33.19	40.00	41.21	42.34	46.09	48.59	55.26	60.10	60.59	58.44
Durable goods [2]	11.14	17.32	21.36	20.27	20.67	23.44	25.58	29.55	31.78	31.36	30.27
Nondurable goods [2]	11.05	15.86	18.64	20.93	21.66	22.65	23.01	25.71	28.32	29.23	28.17
Nonmanufacturing	44.51	60.03	75.27	78.45	80.77	88.80	97.39	102.02	98.42	97.98	96.34
Mining	1.73	1.80	2.20	4.13	4.67	5.29	5.14	5.14	5.25	5.62	5.11
Transportation	4.16	6.92	7.50	6.49	6.15	6.27	6.58	6.83	6.13	5.66	5.56
Public utilities	7.02	8.56	14.32	14.24	14.86	16.84	17.55	18.27	17.47	17.12	16.52
Trade and services	22.74	29.67	32.41	36.31	37.60	41.00	46.23	49.08	47.16	46.81	46.98
Comm. and other [5]	8.86	13.08	18.84	17.28	17.49	19.40	21.90	22.70	22.42	22.77	22.17
Avg. annual percent change: [6]											
Total	[7]3.0	6.9	4.3	.8	2.9	9.6	8.2	7.7	.8	–	–2.4
Manufacturing	[7]2.2	8.4	3.8	.6	2.7	8.9	5.4	13.7	8.8	.8	–3.5
Nonmanufacturing	[7]3.4	6.2	4.6	.8	3.0	9.9	9.7	4.8	–3.5	–.5	–1.7

– Represents zero. [1] Estimates based on expected capital expenditures as reported by business in late April and May 1982. [2] Includes industries not shown separately. [3] Includes equipment. [4] Excludes electrical. [5] Includes construction; social services and membership organizations; and forestry, fisheries, and agricultural services. [6] Change from prior year shown: e.g., 1965 from 1960, except as noted. For explanation of average annual percent change, see Guide to Tabular Presentation. [7] Change from 1955.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business,* monthly.

No. 908. Determinants of Business Fixed Investment: 1960 to 1981

[Percent, except as noted. 1981 preliminary. GNP=Gross national product]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981
Real investment as percent of real GNP	9.1	10.5	10.5	11.0	10.9	9.7	9.7	10.2	10.7	11.0	10.7	10.7
Capacity utilization rate in mfg. [1]	80.2	89.6	79.3	87.6	83.8	72.9	79.5	81.9	84.4	85.7	79.1	78.4
Nonfinancial corporations:												
Cash flow as percent of GNP [2]	8.9	10.6	7.8	8.0	7.0	9.0	9.3	9.6	9.3	8.9	8.6	9.3
Rate of return before taxes—												
On depreciable assets [3]	15.0	22.1	12.8	14.3	11.0	11.9	12.9	13.7	13.3	12.3	10.7	11.1
On stockholders' equity [4]	9.9	15.4	8.8	13.8	12.7	9.5	9.5	11.0	11.6	11.6	9.6	(NA)
Ratio of market value to replacement cost of net assets [5]	.95	1.26	.87	.93	.67	.66	.75	.66	.61	.56	.53	(NA)

NA Not available. [1] Federal Reserve Board index. For capacity by stage of processing, see Section 29. [2] Cash flow defined as after-tax profits plus capital consumption allowance plus inventory valuation adjustment. [3] Profits plus capital consumption adjustment and inventory valuation adjustment plus net interest paid divided by the stock of depreciable assets valued at current replacement cost. [4] Profits corrected for inflation effects divided by net worth (physical capital component valued at current replacement cost). [5] Equity plus interest-bearing debt divided by current replacement cost of net assets.

Source: U.S. Council of Economic Advisers, *Economic Report of the President,* 1982. Data from U.S. Bureau of Economic Analysis and the Board of Governors of the Federal Reserve System.

No. 909. Composite Indexes of Economic Cyclical Indicators: 1970 to 1981

[1981 figures are preliminary. See source for discussion of composite indexes. Minus sign (–) denotes decrease]

ITEM	Unit	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981
LEADING INDICATORS											
Composite index	**1967=100**	**104.4**	**131.8**	**122.1**	**114.8**	**128.8**	**136.4**	**141.8**	**140.1**	**131.2**	**133.1**
Net business formation	1967=100	107.1	115.5	111.2	108.8	117.2	126.5	132.9	131.7	121.1	113.4
Building permits,[1]	1967=100	118.1	157.1	92.2	80.9	111.8	144.9	145.4	123.6	96.7	80.0
Common stock prices, index [2]	1941-43=100	83.2	107.4	82.8	86.2	102.0	98.2	96.0	103.0	118.8	128.0
Initial claims, unemployment insurance	1,000	292	240	351	468	381	368	338	379	480	446
Change in sensitive prices [3] [4]	Percent	.4	1.9	2.5	.1	.9	.5	1.2	2.0	1.5	1.3
Change in total liquid assets [4]	Percent	.5	1.0	.8	.8	.9	1.0	1.0	1.0	.7	.9
Vendor performance, slower deliveries	Percent	51	88	66	30	54	55	64	63	40	45
Avg. workweek, manufacturing [5]	Hours	39.8	40.7	40.0	39.5	40.1	40.3	40.4	40.2	39.7	39.8
Net change in inventories (1972 dol.) [4] [6]	Bil. dol.	(z)	26	7	–20	8	13	20	11	–10	2
Plant and equip. contracts and orders (1972 dol.)	Bil. dol.	105	149	149	117	132	146	171	180	166	166
New orders, manufacturing, consumer goods and materials (1972 dol.)	Bil. dol.	327	434	396	342	391	433	459	451	405	408
Money supply (M2) [7] (1972 dol.)	Bil. dol.	650	789	755	756	809	859	868	847	808	804
COINCIDENT INDICATORS											
Composite index	**1967=100**	**108.8**	**127.4**	**125.3**	**115.5**	**123.7**	**131.3**	**140.1**	**145.1**	**140.3**	**141.3**
Industrial production index	1967=100	107.8	129.8	129.3	117.8	130.5	138.2	146.1	152.5	147.0	151.0
Employees, nonagricultural payrolls	Million	70.9	76.8	78.3	76.9	79.4	82.5	86.7	89.8	90.4	91.1
Personal income less transfer payments (1972 dol.)	Bil. dol.	790	895	883	868	909	954	1,005	1,044	1,043	1,069
Sales, mfg. and trade (1972 dol.)	Bil. dol.	1,380	1,677	1,662	1,558	1,671	1,792	1,882	1,922	1,856	1,873
LAGGING INDICATORS											
Composite index	**1967=100**	**115.5**	**122.9**	**138.9**	**126.5**	**119.8**	**125.4**	**143.1**	**166.4**	**176.8**	**187.9**
Index of labor cost [8]	1967=100	112.5	117.4	127.9	143.6	145.2	154.1	164.2	175.8	195.0	211.0
Ratio, consumer installment credit to personal income	Percent	12.7	13.3	13.4	12.8	12.8	13.4	14.3	14.8	14.1	13.3
Average prime rate charged by banks	Percent	7.9	8.0	10.8	7.9	6.8	6.8	9.1	12.7	15.3	18.9
Average duration of unemployment	Weeks	8.6	10.0	9.8	14.2	15.8	14.3	11.9	10.8	11.9	13.7
Inventories, mfg. and trade (1972 dol.) [9]	Bil. dol.	197	220	227	217	235	246	258	265	263	269
Commercial and industrial loans outstanding	Bil. dol.	85	98	117	120	110	114	128	149	165	182

Z Less than $500,000,000. [1] New private housing units authorized. [2] Standard and Poor, 500 stocks. [3] Producer price index, crude materials. [4] Weighted 4-term moving average placed at the terminal month of the span. [5] Production workers. [6] Changes in book value. [7] See table 850. [8] Cost per unit of output in manufacturing. [9] At end of period.

Source: U.S. Bureau of Economic Analysis, *Business Conditions Digest*, monthly.

No. 910. International Economic Composite Indexes: 1960 to 1981

[Average annual percent changes. 1970=100. Minus sign (–) denotes decrease]

YEARS	6 countries excluding U.S.	7 countries	United States	Canada	France	Italy	Japan	United Kingdom	West Germany
LEADING INDEX									
1960-1965	3.8	4.5	5.0	5.9	4.9	3.9	4.3	1.3	3.8
1965-1970	5.4	2.7	.7	3.0	5.6	4.8	11.5	1.1	4.3
1970-1975	3.3	3.0	2.7	6.2	3.4	4.0	4.4	1.6	1.3
1975-1980	6.6	5.1	3.7	6.0	6.0	4.9	11.2	2.6	4.6
1974-1975	–4.5	–3.7	–.3.0	–1.1	–8.2	.7	–12.6	–1.1	3.4
1975-1976	9.1	10.3	11.4	3.9	8.9	5.0	16.2	6.7	7.6
1976-1977	2.8	4.6	6.2	3.6	1.9	2.3	1.6	5.4	3.3
1977-1978	5.3	4.6	3.8	7.6	4.7	4.6	7.0	1.4	5.4
1978-1979	11.0	6.0	1.9	11.1	10.0	6.9	20.8	2.8	6.4
1979-1980	5.0	.1	–4.3	3.7	4.9	5.6	11.5	–2.7	.5
1980-1981	.2	.9	1.5	3.1	3.7	4.8	–4.3	1.2	–.1
COINCIDENT INDEX									
1960-1965	7.3	6.1	5.2	5.9	8.8	3.8	14.1	4.9	6.4
1965-1970	6.5	5.1	3.9	4.5	6.0	5.9	13.2	2.6	5.3
1970-1975	3.3	2.4	1.6	5.4	3.8	2.3	4.5	2.3	1.6
1975-1980	3.4	3.9	4.4	3.0	3.4	3.7	3.8	2.0	4.0
1974-1975	–2.8	–4.8	–6.6	.5	–5.2	–5.1	–1.7	–3.0	–2.4
1975-1976	3.7	5.6	7.3	4.9	4.9	4.5	4.1	-	4.0
1976-1977	3.4	5.0	6.5	1.7	3.9	1.8	5.0	2.1	3.5
1977-1978	3.9	5.8	7.3	3.1	2.7	2.4	4.6	6.0	4.0
1978-1979	4.4	4.2	4.1	4.1	3.4	4.8	4.0	5.0	5.3
1979-1980	1.6	–.8	–2.7	1.1	2.0	5.0	1.3	–2.8	3.1
1980-1981	–1.0	.2	1.2	2.7	–1.9	–.8	.2	–7.0	–.2

- Represents zero.

Source: Rutgers Center for International Business Cycle Research, Newark, New Jersey, *International Economic Indicators*, monthly.

No. 911. Business Cycle Expansions and Contractions—Months of Duration: 1919 to 1981

[The lower turning point of a cycle is considered a trough, the upper turning point a peak. Business cycle reference dates are determined by the National Bureau of Economic Research, Inc.]

Business cycle reference date: Trough	Business cycle reference date: Peak	Contraction (trough from previous peak)	Expansion (trough to peak)	Length of cycle: Trough from previous trough	Length of cycle: Peak from previous peak
March 1919	January 1920	7	10	51	17
July 1921	May 1923	18	22	28	40
July 1924	October 1926	14	27	36	41
November 1927	August 1929	13	21	40	34
March 1933	May 1937	43	50	64	93
June 1938	February 1945	13	80	63	93
October 1945	November 1948	8	37	88	45
October 1949	July 1953	11	45	48	56
May 1954	August 1957	10	39	55	49
April 1958	April 1960	8	24	47	32
February 1961	December 1969	10	106	34	116
November 1970	November 1973	11	36	117	47
March 1975	January 1980	16	58	52	74
July 1980	July 1981	6	12	64	18
Average, all cycles:					
1919–1945 (6 cycles)		18	35	53	53
1945–1981 (8 cycles, except as noted)		[1]10	45	[1]60	55
Average, peacetime cycles:					
1919–1945 (5 cycles)		20	26	46	45
1945–1981 (6 cycles, except as noted)		[2]10	34	[2]49	44

[1] 1945–1980, 7 cycles. [2] 1945–1980, 5 cycles.

Source: U.S. Bureau of Economic Analysis, *Business Conditions Digest*, February 1982.

No. 912. Manufacturing and Trade—Sales and Inventories in Current and Constant (1972) Dollars: 1960 to 1981

[In billions of dollars, except ratios. See *Historical Statistics, Colonial Times to 1970*, series V 78–107, for single year figures prior to revisions issued in 1981]

Item	1960	1965	1970 [1]	1974	1975	1976	1977	1978	1979	1980	1981
CURRENT DOLLARS											
Sales average monthly	**61**	**80**	**107**	**178**	**182**	**204**	**230**	**259**	**295**	**322**	**351**
Manufacturing	31	41	53	85	87	99	113	127	144	154	166
Retail trade	18	24	31	45	49	55	60	67	75	79	87
Merchant wholesalers	12	16	24	48	47	51	56	65	76	88	98
Inventories [2]	**95**	**121**	**178**	**286**	**288**	**319**	**351**	**397**	**444**	**483**	**520**
Manufacturing	54	68	102	158	160	175	189	211	241	264	283
Retail trade	27	34	44	71	72	79	89	103	109	114	125
Merchant wholesalers	14	18	33	57	57	64	72	84	94	104	111
Inventory-sales ratio [3]	**1.56**	**1.45**	**1.62**	**1.45**	**1.57**	**1.48**	**1.46**	**1.44**	**1.43**	**1.45**	**1.43**
Manufacturing	1.75	1.60	1.90	1.65	1.84	1.69	1.61	1.57	1.57	1.66	1.66
Retail trade	1.45	1.39	1.41	1.48	1.44	1.38	1.39	1.43	1.44	1.41	1.39
Merchant wholesalers	1.22	1.15	1.29	1.07	1.21	1.19	1.21	1.21	1.18	1.13	1.09
CONSTANT (1972) dollars											
Sales, average monthly	**76**	**98**	**116**	**140**	**131**	**141**	**151**	**159**	**162**	**156**	**158**
Manufacturing	38	50	56	68	62	67	72	75	77	73	73
Retail trade	23	28	34	39	40	42	45	46	47	45	46
Merchant wholesalers	15	19	26	33	30	31	35	37	38	38	38
Inventories	**120**	**149**	**194**	**233**	**225**	**235**	**246**	**260**	**264**	**263**	**270**
Manufacturing	70	87	113	131	127	131	134	140	145	146	148
Retail trade	30	37	46	58	56	59	63	67	66	63	66
Merchant wholesalers	20	25	35	44	42	45	49	53	53	54	55
Inventory-sales ratios [4]	**1.60**	**1.48**	**1.70**	**1.74**	**1.68**	**1.64**	**1.59**	**1.61**	**1.64**	**1.66**	**1.76**
Manufacturing	1.86	1.69	2.08	2.03	2.02	1.92	1.84	1.81	1.91	1.96	2.12
Retail trade	1.32	1.26	1.37	1.52	1.37	1.36	1.35	1.44	1.40	1.39	1.47
Merchant wholesalers	1.37	1.27	1.33	1.42	1.42	1.43	1.39	1.40	1.40	1.39	1.45

[1] Beginning 1970, data not comparable with earlier years due to revised procedures. [2] Book value; seasonally adjusted end-of-year data. See text, page 526. [3] Average inventories to average monthly sales. Average inventories based on weighted averages of end-of-month figures. [4] End of fourth quarter inventories to average month sales for fourth quarter.

Source: U.S. Bureau of Economic Analysis, 1960 to 1976, *Business Statistics*, annual; thereafter, *Survey of Current Business*, July issues.

NO. 913. MANUFACTURING CORPORATION ASSETS AND PROFITS, BY ASSET SIZE: 1970 TO 1981

[Corporations and assets as of **end of 4th quarter**; profit for **entire year**. Corporations under $10 million based on sample; $10 million and over based on complete canvass through 1979—thereafter, under $25 million based on sample and $25 million and over based on compete canvass. For details regarding methodology, see source for fourth quarter, 1981]

YEAR AND ITEM	Unit	Total	ASSET-SIZE CLASS						
			Under $10 mil.	$10–$25 mil.	$25–$50 mil.	$50–$100 mil.	$100–$250 mil.	$250 mil.–$1 bil.	$1 bil. and over
1970: [1] Corporations	Number	197,807	[2] 195,000	1,202	533	366	289	218	102
Assets, total	Mil. dol	578,234	69,101	20,471	20,138	25,946	47,783	112,475	282,320
Percent	Percent	100.0	12.0	3.5	3.5	4.5	8.3	19.5	48.8
Net profit, total [3]	Mil. dol	28,572	2,812	811	836	1,101	2,315	5,862	14,832
Percent	Percent	100.0	9.8	2.8	2.9	3.9	8.1	20.5	51.9
1975: Corporations	Number	(NA)	(NA)	1,750	705	450	392	276	151
Assets, total	Mil. dol	810,910	98,147	31,307	24,720	31,395	62,524	139,113	423,705
Percent	Percent	100.0	12.1	3.9	3.0	3.9	7.7	17.2	52.3
Net profit, total [3]	Mil. dol	49,135	6,212	1,831	1,327	1,676	3,553	8,165	26,370
Percent	Percent	100.0	12.6	3.7	2.7	3.4	7.2	16.6	53.7
1977: Corporations	Number	(NA)	(NA)	(NA)	809	501	409	327	174
Assets, total	Mil. dol	962,996	102,241	35,603	28,595	35,032	63,590	160,107	537,830
Percent	Percent	100.0	10.6	3.7	3.0	3.6	6.6	16.6	55.8
Net profit, total [3]	Mil. dol	70,366	8,683	2,189	1,867	2,252	4,401	11,206	39,769
Percent	Percent	100.0	12.3	3.1	2.7	3.2	6.3	15.9	56.5
1978: Corporations	Number	(NA)	(NA)	1,780	802	518	408	320	181
Assets, total	Mil. dol	1,086,433	114,006	38,358	30,813	37,429	66,907	164,958	633,963
Percent	Percent	100.0	10.5	3.5	2.8	3.4	6.2	15.2	58.4
Net profit, total [3]	Mil. dol	81,185	9,417	2,487	2,264	2,602	4,712	12,311	47,391
Percent	Percent	100.0	11.6	3.1	2.8	3.2	5.8	15.2	58.4
1979: Corporations	Number	(NA)	(NA)	1,918	979	571	470	341	225
Assets, total	Mil. dol	1,242,985	124,853	42,007	34,082	40,336	73,172	169,599	758,937
Percent	Percent	100.0	10.0	3.4	2.7	3.2	5.9	13.6	61.1
Net profit, total [3]	Mil. dol	98,698	10,119	2,720	2,347	2,898	5,347	13,412	61,854
Percent	Percent	100.0	10.3	2.8	2.4	2.9	5.4	13.6	62.7
1980: Corporations	Number	(NA)	(NA)	1,777	941	590	491	369	244
Assets, total	Mil. dol	1,384,474	126,639	43,569	34,930	41,963	75,284	179,959	882,129
Percent	Percent	100.0	9.1	3.1	2.5	3.0	5.4	13.0	63.7
Net profit, total [3]	Mil. dol	92,443	7,770	2,235	1,904	2,479	4,532	11,485	62,041
Percent	Percent	100.0	8.4	2.4	2.1	2.7	4.9	12.4	67.1
1981: Corporations	Number	(NA)	(NA)	(NA)	(NA)	603	520	376	259
Assets, total	Mil. dol	1,560,353	136,915	57,453	39,756	43,924	82,287	188,913	1,011,105
Percent	Percent	100.0	8.8	3.7	2.5	2.8	5.3	12.1	64.8
Net profit, total [3]	Mil. dol	101,302	8,863	3,077	1,944	2,415	4,560	10,087	70,354
Percent	Percent	100.0	8.7	3.0	1.9	2.4	4.5	10.0	69.5

NA Not available. [1] Source: U.S. Securities and Exchange Commission. [2] Data derived from U.S. Internal Revenue Service, *Statistics of Income*, annual. [3] After taxes.

Source: Except as noted, U.S. Federal Trade Commission, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations.*

NO. 914. LARGEST INDUSTRIAL CORPORATIONS—SALES, ASSETS, NET INCOME, AND EMPLOYEES, BY GROUP RANK: 1975 TO 1981

[**Sales, assets, and net income in billions of dollars; employees in thousands, except percent.** Excludes large privately owned companies that do not publish sales. Includes service and rental revenues, but companies must derive more than 50 percent of revenues from manufacturing or mining for years ending not later than **Dec. 31 of year stated**, except **1981**, no later than **January**; excludes excise taxes collected by manufacturer]

RANK BY SALES GROUP	SALES			ASSETS [1]			NET INCOME [2]			EMPLOYEES [3]		
	1979	1980	1981	1979	1980	1981	1979	1980	1981	1979	1980	1981
First 500 largest	1,445.3	1,650.3	1,773.4	1,035.2	1,175.5	1,282.8	78.2	81.2	84.2	16,193	15,910	15,635
Lowest hundred	49.6	55.6	55.5	32.9	37.9	37.7	2.5	2.3	2.4	773	781	702
Second hundred	73.2	81.6	84.5	53.3	60.9	64.6	3.8	4.1	3.3	1,155	1,186	1,062
Third hundred	122.3	137.2	143.6	93.4	107.5	113.9	7.3	7.6	8.7	1,757	1,709	1,756
Fourth hundred	236.4	260.6	282.9	179.3	204.5	223.3	13.7	13.5	14.7	3,366	3,321	3,227
Highest hundred	963.7	1,115.2	1,207.0	676.3	764.6	843.3	50.8	53.6	55.2	9,141	8,913	8,889
Second 500 largest	109.9	120.0	120.9	78.8	86.9	90.7	6.1	6.0	5.7	1,785	1,702	1,591
Percent of total, first 500:												
Lowest hundred	3.4	3.4	3.1	3.2	3.2	2.9	3.2	2.9	2.8	4.8	4.9	4.5
Second hundred	5.1	4.9	4.8	5.1	5.2	5.0	4.9	5.1	3.9	7.1	7.5	6.8
Third hundred	8.5	8.3	8.1	9.0	9.1	8.9	9.4	9.4	10.3	10.9	10.7	11.2
Fourth hundred	16.4	15.8	16.0	17.3	17.4	17.4	17.5	16.6	17.4	20.8	20.9	20.6
Highest hundred	66.7	67.6	68.1	65.3	65.0	65.7	65.0	66.0	65.6	56.5	56.0	56.9

[1] Total assets employed in business at end of fiscal year, less depreciation and depletion. [2] After taxes, special charges, and credits. Minus sign (–) indicates net loss. [3] As of year end, or yearly average.

Source: Time, Inc., New York, N.Y., *The Fortune Directory*, May and June issues. (Copyright.)

No. 915. 500 Largest Industrial Corporations—Selected Financial Items, by Industry: 1980 and 1981

[Data are ranked based on sales per employee for latest year shown. See headnote, table 914. Minus sign (–) denotes decrease. For definition of median, see Guide to Tabular Presentation]

SIC [1] code	Industry	Sales per employee ($1,000)		Changes in profits (percent)		Sales per dollar of stockholder's equity (dol.)		Return on stockholder's equity (percent)		Return on sales (percent)		Total return to investors [2] (percent)	
		1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981
(x)	**Total**	**78.1**	**86.4**	**3.6**	**3.7**	**3.00**	**2.97**	**14.4**	**13.8**	**4.8**	**4.6**	**21.1**	**–.4**
29	Petroleum refining	441.5	512.9	25.4	–7.6	4.00	4.19	19.4	16.4	5.5	4.4	53.1	–23.2
10	Mining, crude-oil production	177.7	302.8	45.4	1.6	2.15	2.18	21.0	17.6	9.2	11.7	34.1	–23.9
49	Beverages	129.4	139.3	3.4	15.1	2.88	2.89	15.6	19.2	4.8	5.5	18.4	31.9
28	Chemicals	100.5	119.4	2.7	10.1	2.44	2.44	13.9	13.5	5.2	5.4	16.7	–1.0
20	Food	103.0	115.0	10.9	10.6	4.58	4.33	14.5	14.4	3.0	3.3	9.8	18.2
33	Metal manufacturing	96.0	107.2	–7.6	4.3	2.81	2.82	12.9	12.4	4.1	4.4	20.7	–6.1
26	Paper, fiber, wood products	93.9	102.5	–11.4	4.0	2.27	2.31	12.8	12.0	5.0	5.0	17.3	–4.1
43	Soaps, cosmetics	84.9	98.0	7.6	–1.8	2.90	2.98	16.9	15.8	5.9	5.0	5.2	22.3
21	Tobacco	91.4	95.3	15.2	10.2	2.51	2.51	19.8	19.5	7.9	7.9	32.5	6.0
42	Pharmaceuticals	73.5	81.7	13.8	6.2	1.98	2.00	17.9	18.0	9.1	9.1	29.3	3.1
32	Glass, concrete, abrasives, gypsum	71.3	81.0	–13.4	–15.1	2.63	2.50	11.3	9.6	3.7	3.1	10.5	3.4
40	Motor vehicles	68.8	78.8	–52.7	8.0	3.27	3.37	8.1	7.6	2.6	2.6	3.4	–4.5
30	Rubber, plastic products	60.6	78.8	–37.6	62.0	3.64	4.09	5.0	10.4	1.5	3.0	28.1	21.1
27	Publishing, printing	71.5	77.9	8.9	13.5	2.40	2.35	15.9	16.4	6.2	7.1	21.2	15.5
45	Industrial and farm equipment	69.8	76.8	3.9	12.7	2.65	2.70	13.3	13.9	4.3	4.6	24.0	–10.3
37	Transport equipment [3]	81.1	76.7	1.3	6.2	4.74	5.05	14.4	14.4	4.1	4.5	35.9	–6.2
34	Metal products	67.9	75.7	4.0	8.8	3.03	3.27	15.3	14.1	4.7	4.4	20.1	8.1
41	Aerospace	61.7	70.2	6.5	16.3	4.04	4.25	16.2	15.0	4.1	4.0	40.5	–21.9
47	Musical instruments, toys, sporting goods	59.0	67.7	1.6	52.8	2.66	2.72	12.6	9.2	3.7	3.4	22.4	27.1
38	Measuring, scientific, photo. equip.	54.4	62.5	24.6	12.4	2.01	2.26	17.1	15.6	6.9	6.9	28.4	–10.4
36	Electronics, appliances	54.0	60.4	16.6	8.8	3.10	3.12	16.2	14.3	5.3	4.4	36.1	.4
44	Office equipment (incl. computers)	49.9	54.3	14.2	13.0	2.35	1.93	15.1	13.3	6.0	6.1	20.0	–18.6
22	Textiles, vinyl flooring	46.3	51.2	–26.5	–3.1	3.08	3.13	8.1	7.8	2.8	2.9	10.4	15.7
23	Apparel	38.8	42.1	.9	19.1	3.49	3.68	12.8	16.2	3.6	3.4	28.2	37.7

[1] Standard Industrial Classification. See text, p. 766. [2] Includes both price appreciation and dividend yield, i.e., to an investor in the company's stock. [3] Excludes motor vehicles and aircraft.

Source: Time, Inc., New York, N.Y., *The Fortune Directory*, May issues. (Copyright).

No. 916. Corporate Funds—Sources and Uses: 1960 to 1981

[**In billions of dollars, except percent.** Covers nonfarm nonfinancial corporate business]

Source and use	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
Sources, total	**48.6**	**93.5**	**108.1**	**202.9**	**167.9**	**223.4**	**264.2**	**320.4**	**366.7**	**336.2**	**377.1**
Internal	35.4	58.5	61.8	85.6	119.7	134.2	156.1	171.9	190.6	196.8	229.9
Domestic undistributed profits	8.0	19.1	7.6	32.4	34.0	43.9	52.3	60.6	71.0	61.7	59.2
IVA and CCA [1]	–2.3	2.5	–4.1	–41.7	–21.1	–27.5	–27.0	–36.4	–56.4	–59.6	–37.6
Capital consumption allowances	26.6	32.5	51.8	78.7	93.8	103.6	115.2	128.1	145.6	163.7	184.0
Foreign earnings [2]	3.0	4.5	6.5	16.3	13.0	14.3	15.5	19.7	30.3	31.1	24.2
External [3]	13.2	35.0	46.3	117.3	48.3	89.2	108.1	148.5	176.1	139.3	147.2
Percent of total	27.2	37.4	42.9	57.8	28.7	39.9	40.9	46.3	48.0	41.5	39.0
Credit market funds, net	12.1	20.2	41.1	82.8	41.7	64.3	84.6	93.2	104.8	106.1	107.3
Securities and mortgages	7.5	9.3	32.1	39.1	49.7	48.0	48.1	45.8	39.5	66.5	34.1
Equity issues	1.4	–	5.7	4.1	9.9	10.5	2.7	–.1	–7.8	12.9	–11.5
Bonds and mortgages [4]	6.1	9.3	26.4	35.0	39.8	37.4	45.4	45.9	47.3	53.6	45.6
Loans and short-term paper	4.6	11.0	9.0	43.6	–8.0	16.3	36.5	47.4	65.3	39.7	73.1
Other	1.2	14.8	5.3	34.5	6.5	24.9	23.5	55.3	71.4	33.2	39.9
Profit taxes payable	–2.2	2.2	–3.7	1.1	–2.4	7.5	–1.3	3.4	–	–6.7	–7.6
Trade debt	3.1	12.2	7.5	28.7	6.3	13.1	21.1	44.0	59.5	29.1	28.8
Foreign direct investments in U.S	.3	.4	1.5	4.8	2.6	4.3	3.7	7.9	11.9	10.9	18.7
Uses, total	**41.4**	**82.7**	**98.7**	**190.1**	**150.9**	**201.4**	**228.5**	**290.9**	**340.6**	**291.7**	**324.8**
Capital expenditures	37.5	61.0	80.0	137.9	109.7	148.3	174.1	199.2	220.9	216.9	258.7
Increase in financial assets	3.9	21.8	18.7	52.2	41.2	53.0	54.4	91.7	119.7	74.9	66.1
Discrepancy (sources less uses)	*7.2*	*10.8*	*9.4*	*12.9*	*17.0*	*22.0*	*35.7*	*29.5*	*26.2*	*44.5*	*52.2*

– Represents zero. [1] Inventory valuation and capital consumption adjustment. [2] Foreign branch profits, dividends, and subsidiaries earnings retained abroad. [3] Net increases in liability. [4] Includes industrial pollution control revenue bonds, issued by State and local governments.

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

No. 917. Corporate Profits, Taxes, and Dividends: 1960 to 1981

[In billions of dollars. Covers corporations organized for profit. Represents profits to U.S. residents, without deduction of depletion charges and exclusive of capital gains and losses; intercorporate dividends from profits of domestic corporations are eliminated; net receipts of dividends, reinvested earnings of incorporated foreign affiliates, and earnings of unincorporated foreign affiliates are added]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
Profits before taxes	49.8	77.2	75.4	136.7	132.1	166.3	194.7	229.1	252.7	242.4	232.1
Less: Income tax liability [1]	22.7	30.9	34.2	51.6	50.6	63.8	72.7	83.2	87.6	84.7	81.2
Equals: Profits after taxes	27.1	46.3	41.3	85.1	81.5	102.5	122.0	145.9	165.1	157.8	150.9
Less: Net dividends [2]	12.9	19.1	22.5	29.9	30.8	37.4	40.8	47.0	52.7	58.1	65.1
Equals: Undistributed profits	14.3	27.2	18.8	55.2	50.7	65.1	81.2	98.9	112.4	99.7	85.8
Capital consumption allowances [3]	25.3	37.4	56.6	81.5	89.4	96.3	110.2	124.9	142.7	163.4	189.4
Profits after tax plus capital consumption allowances [3]	52.4	83.7	97.9	166.6	170.9	198.8	232.2	270.7	307.8	321.2	340.3

[1] Federal, State and local. [2] Disbursements to U.S. residents, measured after eliminations of intercorporate dividends. [3] Without capital consumption adjustment. Includes depreciation and accidental damages.

No. 918. Corporate Profits Before Taxes: 1960 to 1981

[In billions of dollars. Profit figures are with inventory valuation adjustment and without capital consumption adjustment]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
Total	**49.7**	**76.0**	**68.9**	**94.0**	**105.6**	**96.7**	**120.6**	**151.6**	**178.5**	**205.1**	**209.6**	**199.4**	**207.5**
Domestic industries	46.7	71.5	62.4	85.3	92.0	80.4	107.6	137.4	163.4	185.4	179.0	169.1	184.6
Financial	7.2	7.5	12.1	15.3	15.9	15.0	11.8	17.1	23.1	31.0	30.3	29.2	22.7
Nonfinancial	39.5	64.0	50.2	70.0	76.0	65.4	95.8	120.3	140.3	154.4	148.6	140.0	162.0
Manufacturing	23.6	39.3	26.6	40.7	45.5	39.0	52.6	69.2	78.3	86.9	85.6	74.5	86.3
Wholesale and retail trade	4.9	8.1	9.5	13.4	13.9	12.5	21.3	22.4	26.6	26.9	27.1	24.6	33.4
Other	11.0	16.6	14.1	15.9	16.7	14.0	21.9	28.7	35.4	40.6	36.0	40.9	42.3
Rest of the world	3.0	4.5	6.5	8.6	13.7	16.3	13.0	14.3	15.1	19.7	30.6	30.3	22.8

Source of tables 917 and 918: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76,* and *Survey of Current Business,* July 1982.

No. 919. Corporate Profits, by Industry: 1960 to 1981

[In billions of dollars. Profits are without inventory valuation and capital consumption adjustments. Minus sign (−) denotes loss. See headnote, table 917]

YEAR	All industries	Manufacturing	Wholesale, retail trade	Finance, insurance [1]	Communication [2]	Construction	Services	Transportation	Mining	Agriculture [3]	Rest of the world [4]
BEFORE TAXES											
1960	49.8	23.9	4.9	8.3	6.5	.6	.9	.9	.9	.1	3.0
1965	77.2	39.9	8.6	8.9	8.9	1.6	1.6	2.2	.9	.2	4.5
1970	75.4	30.4	11.5	13.3	8.6	2.1	1.8	.2	1.0	.1	6.5
1973	125.6	55.5	21.8	16.6	8.1	2.4	3.5	1.4	1.7	.9	13.7
1974	136.7	59.3	25.6	15.7	7.1	2.5	3.2	2.4	4.2	.4	16.3
1975	132.1	57.8	26.2	12.4	9.3	3.0	4.4	1.2	4.1	.8	13.0
1976	166.3	75.6	27.6	18.9	12.8	3.3	5.7	3.2	4.1	.7	14.3
1977	194.7	86.1	31.8	26.4	15.3	4.7	7.4	3.9	3.3	.6	15.1
1978	229.1	96.8	37.6	35.1	17.4	5.8	8.7	4.2	2.6	1.2	19.7
1979	252.7	104.5	42.8	34.2	16.2	5.9	9.5	4.2	3.5	1.2	30.6
1980	242.4	93.6	41.8	33.3	16.7	6.5	10.1	4.3	4.8	1.1	30.3
1981	232.1	98.3	41.0	26.3	17.9	6.4	9.8	3.8	4.8	.9	22.8
AFTER TAXES											
1960	27.1	12.5	2.5	4.3	3.2	.3	.4	.3	.7	(z)	3.0
1965	46.3	23.0	5.3	4.5	4.9	1.1	1.0	1.3	.7	.1	4.5
1970	41.3	15.6	6.8	5.4	4.5	1.3	.8	−.2	.7	−(z)	6.5
1973	76.6	31.4	14.2	6.3	4.9	1.4	2.2	.6	1.3	.6	13.7
1974	85.1	34.1	17.3	5.3	4.1	1.5	2.0	1.4	3.0	.2	16.3
1975	81.5	33.1	17.9	2.2	6.9	1.8	3.0	.3	2.9	.5	13.0
1976	102.5	42.2	18.6	6.4	9.4	2.1	4.0	2.1	3.0	.4	14.3
1977	122.0	48.6	21.8	11.6	11.1	3.3	5.4	2.8	2.1	.3	15.1
1978	145.9	55.8	25.9	16.7	12.6	4.1	6.0	2.8	1.4	.8	19.7
1979	165.1	62.6	30.1	13.7	12.1	3.9	6.6	2.6	2.1	.8	30.6
1980	157.8	54.7	29.7	11.4	12.7	4.8	7.3	2.8	3.2	.8	30.3
1981	150.9	60.0	28.4	6.6	15.4	4.2	7.1	2.8	2.8	.8	22.8

Z Less than $50 million. [1] Includes real estate. [2] Includes public utilities. [3] Includes forestry and fisheries. [4] Consists of receipts by all U.S. residents, including both corporations and persons, of earnings of unincorporated foreign affiliates, dividends from their incorporated foreign affiliates, and their share of reinvested earnings of their incorporated foreign affiliates, net of corresponding outflows.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-76;* and *1976-79,* and *Survey of Current Business,* July 1982.

No. 920. Manufacturing Corporations—Sales, Profits, Stockholders' Equity, and Debt: 1960 to 1981

[**In billions of dollars.** Prior to 1970, excludes newspapers. Data are not necessarily comparable from year to year due to changes in accounting procedures, industry classifications, sampling procedures, etc.; for detail, see source. See also *Historical Statistics, Colonial Times to 1970*, series P 93-106]

YEAR	ALL MANUFACTURING CORPS.					DURABLE GOODS INDUSTRIES					NONDURABLE GOODS INDUSTRIES				
	Sales (net)	Profits		Stockholders' equity [1]	Debt [1]	Sales (net)	Profits		Stockholders' equity [1]	Debt [1]	Sales (net)	Profits		Stockholders' equity [1]	Debt [1]
		Before taxes	After taxes				Before taxes	After taxes				Before taxes	After taxes		
1960	346	27.5	15.2	165	40.5	174	14.0	7.0	82	20.5	172	13.5	8.2	83	20.0
1965	492	46.5	27.5	212	57.9	257	26.2	14.5	105	28.4	235	20.3	13.0	106	29.5
1970	709	48.1	28.6	307	133.9	363	23.0	12.9	155	70.7	346	25.2	15.7	152	63.2
1972	850	63.2	36.5	343	149.0	436	33.6	18.4	171	77.0	414	29.6	18.0	172	72.0
1973	1,017	81.4	48.1	374	164.3	527	43.6	24.8	189	86.1	490	37.8	23.3	185	78.2
1974	1,061	92.1	58.7	395	167.4	529	41.1	24.7	196	87.1	532	51.0	34.1	199	80.3
1975	1,065	79.9	49.1	423	183.2	521	35.3	21.4	208	94.4	544	44.6	27.7	215	88.8
1976	1,203	104.9	64.5	463	187.8	590	50.7	30.8	224	91.1	614	54.3	33.7	238	96.7
1977	1,328	115.1	70.4	497	200.4	657	57.9	34.8	240	94.8	671	57.2	35.6	257	105.6
1978	1,496	132.5	81.2	541	222.4	761	69.6	41.8	263	105.8	736	63.0	39.4	278	116.6
1979	1,742	154.2	98.7	600	252.2	866	72.4	45.2	292	122.8	876	81.8	53.5	308	129.4
1980	1,897	145.4	92.4	665	292.1	883	57.2	35.6	316	142.8	1,014	88.2	56.9	349	149.3
1981	2,145	158.5	101.3	743	334.9	980	67.2	41.7	350	159.4	1,165	91.3	59.6	393	175.5

[1] Annual data are average equity or debt for the year (using four end-of-quarter figures).

Source: U.S. Federal Trade Commission, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations.* In U.S. Council of Economic Advisers, *Economic Report of the President*, annual.

No. 921. Manufacturing Corporations—Profits, Stockholders' Equity, Sales, and Debt Ratios: 1970 to 1981

[Averages of quarterly figures at annual rates. Based on sample; see source for discussion of methodology. Minus (–) sign reflects loss. See headnote, table 920]

INDUSTRY GROUP	RATIOS OF PROFITS TO STOCKHOLDERS' EQUITY (percent)				PROFITS PER DOLLAR OF SALES (cents)				RATIO OF STOCKHOLDERS' EQUITY TO DEBT			
	1970	1975	1980	1981	1970	1975	1980	1981	1970	1975	1980	1981
All manufacturing corporations [1]	**9.3**	**11.6**	**13.9**	**13.6**	**4.0**	**4.6**	**4.9**	**4.8**	**2.3**	**2.3**	**2.3**	**2.2**
Durable goods industries	**8.3**	**10.3**	**11.2**	**11.9**	**3.5**	**4.1**	**4.0**	**4.2**	**2.2**	**2.2**	**2.2**	**2.2**
Stone, clay, and glass products	6.9	8.3	10.8	8.8	3.6	3.4	4.2	3.6	2.4	2.1	1.9	1.9
Primary metal industries	7.0	8.6	11.7	11.6	4.1	4.4	4.1	4.0	2.0	2.2	1.7	1.7
Iron and steel	4.3	10.9	9.0	11.6	2.5	5.0	2.9	3.6	2.2	2.4	1.7	1.8
Nonferrous metals	10.6	5.0	15.6	11.6	6.2	3.1	5.9	4.8	1.8	1.8	1.8	1.7
Fabricated metal products	8.5	13.2	13.9	13.3	3.0	4.2	4.2	4.0	2.1	2.0	2.1	2.2
Machinery, exc. electrical	9.8	13.7	15.0	14.6	4.6	6.4	6.5	6.4	2.2	2.4	2.2	2.2
Electrical and electronic equipment	9.1	9.0	15.1	14.4	3.3	3.2	5.0	5.0	1.9	2.2	2.6	2.6
Transportation equipment	6.3	7.5	–.6	5.8	2.3	2.4	–.3	1.7	2.8	2.4	2.7	2.4
Motor vehicles and equipment	6.1	6.2	–9.3	–.7	2.6	2.2	–3.4	–.3	4.7	3.6	3.4	3.0
Aircraft, guided missiles and parts	6.8	11.0	16.0	16.0	2.0	2.9	4.3	4.4	1.3	1.6	2.8	2.7
Instruments and related products	14.3	13.5	17.5	16.9	7.3	7.6	9.3	9.0	3.2	3.3	4.3	4.5
Nondurable goods industries	**10.3**	**12.8**	**16.4**	**15.2**	**4.5**	**5.1**	**5.6**	**5.1**	**2.4**	**2.4**	**2.3**	**2.2**
Food and kindred products	10.8	14.4	14.7	14.2	2.5	3.2	3.4	3.2	1.9	1.7	1.9	1.8
Tobacco manufactures	15.7	15.9	19.8	19.8	5.8	9.2	11.7	11.6	1.4	1.5	1.8	1.7
Textile mill products	5.1	4.2	8.5	9.4	1.9	1.2	2.2	2.4	2.1	1.9	2.0	2.0
Paper and allied products	7.0	12.6	12.1	12.0	3.4	5.6	5.1	5.0	1.8	1.8	2.0	2.0
Printing and publishing	11.2	12.8	16.4	14.9	4.2	4.6	5.5	5.0	2.7	2.7	2.1	2.1
Chemicals and allied products	11.4	15.2	15.4	14.9	5.9	7.6	7.1	6.9	2.5	2.3	2.2	2.2
Industrial	8.5	13.2	11.9	13.2	5.0	6.9	5.4	5.8	2.1	2.0	1.9	1.9
Drugs	17.6	17.8	19.9	16.9	9.4	12.2	13.2	10.9	4.3	3.4	3.0	2.8
Petroleum and coal products	11.0	12.5	20.0	17.2	9.3	7.6	7.7	6.3	3.6	4.4	3.4	3.0
Rubber and misc. plastics products	7.1	8.0	6.7	11.9	2.7	3.0	2.0	3.5	1.5	1.8	1.6	1.8

[1] Includes other industries not shown separately.

Source: U.S. Federal Trade Commission, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations.* In U.S. Council of Economic Advisers, *Economic Report of the President*, annual.

No. 922. Capital Expenditures by Majority-Owned Foreign Affiliates of U.S. Multinational Companies: 1970 to 1981

[Represents expenditures to acquire, add to, or improve property, plant, and equipment. Data are universe estimates based on Bureau of Economic Analysis' semiannual sample survey. The latest survey, taken in Dec. 1981, covered about 8,000 majority-owned foreign affiliates. See *Survey of Current Business*, March 1982]

Industry and area or country	Expenditures (bil. dol.)							Percent of total			
	1970	1975	1977	1978	1979	1980	1981	1970	1975	1980	1981
Total [1]	**14.1**	**26.8**	**24.1**	**26.1**	**32.6**	**42.4**	**45.5**	**100.0**	**100.0**	**100.0**	**100.0**
Mining and smelting	1.2	1.2	.5	.4	.7	1.3	1.5	8.5	4.5	3.1	3.3
Petroleum	4.0	8.9	8.9	9.5	11.0	14.8	17.5	28.4	33.2	34.9	38.5
Manufacturing [1]	6.5	11.3	10.5	12.0	15.4	19.5	19.5	46.1	42.2	46.0	42.9
Food products	.4	.7	.8	.9	1.2	1.5	1.5	2.8	2.6	3.5	3.3
Chemicals and allied products	1.2	2.5	2.0	1.9	2.6	3.0	3.1	8.5	9.3	7.1	6.8
Machinery (except electrical)	1.6	2.8	3.0	3.6	4.7	5.6	4.8	11.3	10.4	13.2	10.5
Electrical machinery	.6	.9	.7	.9	1.1	1.4	1.3	4.3	3.4	3.3	2.9
Transportation equipment	1.0	1.4	1.6	1.9	2.9	4.4	4.9	7.1	5.2	10.4	10.8
Trade	1.0	2.4	2.1	2.2	3.1	3.8	3.7	7.1	9.0	9.0	8.1
By area of affiliate:											
Developed countries	10.1	18.8	18.0	19.8	24.8	31.9	32.4	71.6	70.1	75.2	71.2
Canada	3.0	5.0	5.4	5.4	6.5	8.3	8.5	21.3	18.7	19.6	18.7
Europe	5.7	11.7	11.2	12.6	16.4	20.8	20.6	40.4	43.7	49.1	45.3
European Communities [2]	5.1	9.9	9.6	10.9	14.0	17.8	16.9	36.2	36.9	42.0	37.1
Other Europe	.6	1.8	1.5	1.7	2.4	3.0	3.7	4.3	6.7	7.1	8.1
Japan	.5	.8	.4	.6	.6	.9	.8	3.5	3.0	2.1	1.8
Australia, New Zealand, South Africa	.9	1.2	1.0	1.2	1.3	1.8	2.5	6.4	4.5	4.2	5.5
Developing countries	3.3	6.4	4.8	5.5	6.6	9.0	11.6	23.4	23.9	21.2	25.5
Latin America	2.0	3.1	2.2	2.5	3.2	4.6	5.8	14.2	11.6	10.8	12.7
Africa (excl. South Africa)	.5	.7	.7	.8	.9	1.3	1.7	3.5	2.6	3.1	3.7
Middle East	.2	1.3	1.2	1.1	.8	.7	.5	1.4	4.9	1.7	1.1
Other Asia and Pacific	.6	1.3	.7	1.1	1.7	2.5	3.6	4.3	4.9	5.9	7.9
International and unallocated	.7	1.7	1.3	.8	1.2	1.5	1.5	5.0	6.3	3.5	3.3

[1] Includes other industries not shown separately. [2] Includes Belgium, Denmark, France, Germany, Ireland, Italy, Luxembourg, the Netherlands, and the United Kingdom.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, March issues.

No. 923. Foreign-Owned U.S. Firms, by Percent of Foreign Ownership, by Industry, and by Country: 1980

[Covers only firms operating at more than one U.S. location and having 50 or more employees. A firm was defined as foreign-owned if ten percent or more of its equity was owned by a foreign entity. Domicile country refers to location of the home office of the owning entity]

Item	Firms [1]	Establishments [1]	Employment [2] (1,000)	Annual payroll (mil. dol.)	Domicile country	Firms [1]	Establishments [1]	Employment [2] (1,000)	Annual payroll (mil. dol.)
Total [3]	**1,511**	**38,813**	**1,919.7**	**31,833**	**All countries**	**1,511**	**38,813**	**1,919.7**	**31,833**
Foreign ownership:					Australia	20	254	13.0	197
10-49 percent	212	9,825	432.1	7,404	Bahamas	11	404	12.2	126
50-99 percent	299	9,712	477.4	7,639	Belgium [4]	32	629	29.2	557
100 percent	980	19,207	1,005.9	16,736	Bermuda	20	576	33.9	565
Industry:					Canada	245	5,799	238.6	4,126
Agriculture	43	230	7.8	98	France	107	2,683	163.3	2,871
Mining	72	508	46.6	1,051	Germany, Fed. Rep. of	150	5,735	331.7	5,282
Construction	57	336	46.0	909	Great Britain	243	8,018	404.8	6,264
Manufacturing	740	4,910	934.7	16,605	Hong Kong	16	120	6.4	94
Transportation, communication, pub. utilities	178	1,511	42.5	870	Japan	214	2,100	100.0	1,782
Wholesale trade	822	8,065	191.2	4,019	Netherlands	98	6,766	262.1	4,611
Retail trade	191	14,903	376.6	3,824	Neth. Antilles	33	1,389	75.2	1,341
Finance, insurance, real estate	261	4,997	151.7	2,822	Panama	14	132	12.7	224
Services	286	3,353	122.6	1,634	Sweden	39	451	31.2	532
					Switzerland	126	2,394	141.2	2,283
					Other	143	1,363	64.2	958

[1] For definition, see text, p. 525. [2] For week including March 12. [3] Includes percent not specified and industries not shown separately. [4] Includes Luxembourg.

Source: U.S. Bureau of the Census, *Selected Characteristics of Foreign-Owned U.S. Firms: 1980.*

No. 924. Consumer Cooperatives and Farmer Cooperatives Selling Consumer Goods, by Type of Association: 1965 to 1980

[Members in thousands; business in millions of dollars. Business refers to loans outstanding]

TYPE OF ASSOCIATION	1965			1970			1980		
	Associations	Members	Business	Associations	Members	Business	Associations	Members	Business
Credit unions [1]	22,064	16,756	8,098	23,656	22,819	14,106	21,465	43,754	48,983
Electric power cooperatives [2]	885	4,964	781	875	5,789	1,195	869	8,710	6,305
Rural telephone cooperatives [3]	219	485	48	235	609	86	251	969	335
Independent prepaid and self-insured health plans [4]	569	8,684	608	[5]482	[5]12,204	1,068	(NA)	[6]29,107	[6]9,353
Community consumer	43	3,400	216	[5]40	[5]4,691	445	(NA)	[6]7,962	[6]2,519
Labor and management	507	5,068	366	[5]418	[5]5,834	545	(NA)	[6]18,457	[6]5,810
Health professionals (both profit making and non-profit plans)	19	(NA)	26	[5]24	[5]1,679	78	(NA)	[6]2,688	[6]1,024
Farmer cooperatives selling producer and consumer goods [7]	6,763	(NA)	2,910	6,209	(NA)	3,871	5,022	(NA)	16,134
Petroleum products [8]	2,773	(NA)	643	2,774	(NA)	862	2,921	(NA)	5,070
Meats and groceries	775	(NA)	60	717	(NA)	83	482	(NA)	202
Miscellaneous [9]	4,800+	(NA)	356	4,800+	(NA)	527	4,300+	(NA)	1,763

NA Not available. [1] Source: 1965, U.S. Social Security Administration; beginning 1970, National Credit Union Administration, *Annual Report of the National Credit Union Administration* and *State Chartered Credit Unions.* [2] Source: U.S. Rural Electrification Administration, *Statistical Report—Rural Electric Borrowers.* Electric distribution cooperatives currently borrowing from REA, average number of consumers served, and total revenues. [3] Source: U.S. Rural Electrification Administration, *Statistical Report—Rural Telephone Borrowers.* Cooperatives currently borrowing from REA, number of subscribers at end of year, annual revenues.

[4] Source: U.S. Health Care Financing Administration, *Health Care Financing Review,* September 1981, and unpublished data. Estimated enrollees and annual subscription income of plans. Enrollment is for most frequent type of benefit (surgical services). 1980, preliminary. [5] 1968 data. [6] 1979 data. [7] Data for fiscal years ending June 30 or earlier in years shown. 1980, calendar year. Since most cooperatives do more than one type of business, totals are less than would be obtained by adding number of cooperatives handling individual items or performing individual services. Major products sold are feed, seed, fertilizer, pesticides, and petroleum. See table 1179 for other items sold by farmer cooperatives. [8] Sales include products for farming, for both farm and non-farm home heating, and automobile and truck uses. [9] Includes hardware, building supplies, lawn and garden items, electrical goods, and other supplies used by both farmers and nonfarmers.

Source: Except as noted, U.S. Dept. of Agriculture, Agricultural Cooperative Service, unpublished data.

No. 925. Patents and Trademarks: 1956 to 1981

[**In thousands.** Covers patents issued to citizens of the United States and residents of foreign countries. For information on copyrights, see table 956. See also *Historical Statistics, Colonial Times to 1970,* series W 96-108]

ITEM	1956-1960	1961-1955	1966-1970	1971-1975	1976-1980	1976	1977	1978	1979	1980	1981
Patent applications filed	**410.4**	**463.2**	**504.6**	**541.4**	**550.1**	**110.0**	**109.0**	**109.3**	**108.9**	**113.0**	**114.5**
Inventions	384.8	436.1	476.2	510.4	509.0	102.3	100.9	100.9	100.5	104.3	106.4
Designs	23.9	25.3	26.3	28.6	37.2	7.1	7.3	7.5	7.5	7.8	7.4
Botanical plants	.6	.6	.6	.7	1.0	.2	.2	.2	.2	.2	.2
Reissues	1.2	1.2	1.5	1.7	2.9	.4	.6	.7	.6	.6	.5
Patents issued	**251.9**	**275.4**	**342.9**	**396.7**	**334.3**	**75.4**	**69.8**	**70.5**	**52.4**	**66.2**	**71.0**
Inventions	237.5	260.0	325.1	375.5	312.3	70.2	65.3	66.1	48.9	61.8	65.8
Individuals	76.6	69.9	73.4	87.0	65.0	14.1	14.0	14.3	9.3	13.3	14.1
Corporations:											
U.S.	133.9	152.5	190.8	192.9	150.4	34.4	31.5	31.3	23.8	29.4	29.5
Foreign [1]	21.0	31.0	52.8	86.0	90.4	19.9	18.2	19.3	14.8	18.2	21.0
U.S. Government	5.9	6.5	8.4	9.6	6.5	1.8	1.5	1.2	.9	1.0	1.1
Designs	13.0	13.9	16.3	18.7	19.4	4.6	3.9	3.9	3.1	3.9	4.7
Botanical plants	.6	.6	.4	.8	.8	.2	.2	.2	.1	.1	.2
Reissues	.8	1.0	1.1	1.6	1.8	.4	.4	.4	.3	.3	.4
Published applications [2]	–	–	.6	.8	.5	.1	.1	.1	.1	(z)	.1
Foreign country residents [3]	36.5	48.3	76.0	119.3	118.0	26.1	23.9	25.1	18.2	24.7	26.5
Certificates of trademarks issued	**108.2**	**106.6**	**128.5**	**158.3**	**150.7**	**33.1**	**31.9**	**35.1**	**25.9**	**24.7**	**48.6**
Trademarks	90.7	91.9	104.2	129.4	121.2	26.3	25.9	29.6	20.5	18.9	42.7
Trademark renewals	17.5	14.7	24.3	28.9	29.5	6.8	6.1	5.5	5.4	5.9	5.9

– Represents zero. Z Less than 50. [1] Includes patents to foreign governments. [2] Abstracts of technical disclosure of patent published at request of applicant or owner. The current practice, called "Defensive Publications," began in Nov. 1968. [3] Includes patent inventions and a small number of patents for designs and botanical plants.

Source: U.S. Patent and Trademark Office. Fiscal-year figures are published in the *Commissioner of Patents and Trademarks Annual Report.*

No. 926. U.S. Receipts of Royalties and Fees, by Industry: 1970 to 1980

[In millions of dollars]

ITEM	All industries	Mining and smelting	Petroleum	MANUFACTURING						Other industries
				Total	Chemicals and allied products	Metals, primary and fabricated	Machinery	Transportation equipment	Other	
Affiliated:										
Royalties and fees:										
1970	1,561	47	185	944	214	48	336	90	257	382
1975	3,251	80	343	2,098	439	90	837	194	537	730
1976	3,262	60	371	2,110	450	64	871	222	502	721
1977	3,883	36	40	2,738	471	145	1,263	243	616	1,069
1978	4,705	44	196	3,008	618	127	1,277	261	724	1,457
1979	4,980	49	325	3,429	732	220	1,376	327	774	1,177
1980	5,780	56	239	4,068	1,010	213	1,605	350	890	1,417
Royalties and licensing fees:										
1970	751	2	7	609	147	16	310	21	115	131
1975	1,886	(D)	16	1,573	317	53	837	34	333	(D)
1976	1,956	5	15	1,621	327	25	898	37	333	315
1977	2,173	1	19	1,798	324	80	991	28	374	355
1978	2,697	1	27	2,242	453	52	1,251	46	439	427
1979	3,002	1	21	2,503	524	97	1,329	58	494	477
1980	3,693	–	24	3,014	688	134	1,561	68	562	655
Management and other fees:										
1970	810	45	178	335	67	32	25	69	142	251
1975	1,365	(D)	327	525	122	37	1	160	205	(D)
1976	1,306	56	356	488	122	39	–26	185	169	406
1977	1,710	35	21	940	146	65	272	215	242	714
1978	2,008	43	169	766	165	75	26	215	285	1,030
1979	1,978	48	304	926	208	123	47	269	280	700
1980	2,087	56	214	1,054	323	79	44	281	328	763
Unaffiliated:										
1970	573	1	32	506	93	34	226	62	91	34
1975	757	(Z)	40	678	122	47	300	57	152	39
1976	822	3	50	723	138	47	297	68	172	46
1977	923	2	74	792	148	69	340	55	177	55
1978	1,059	2	50	948	156	69	408	103	212	60
1979	1,100	–	56	990	173	55	444	79	240	54
1980	1,185	–	75	1,036	194	43	488	75	236	74

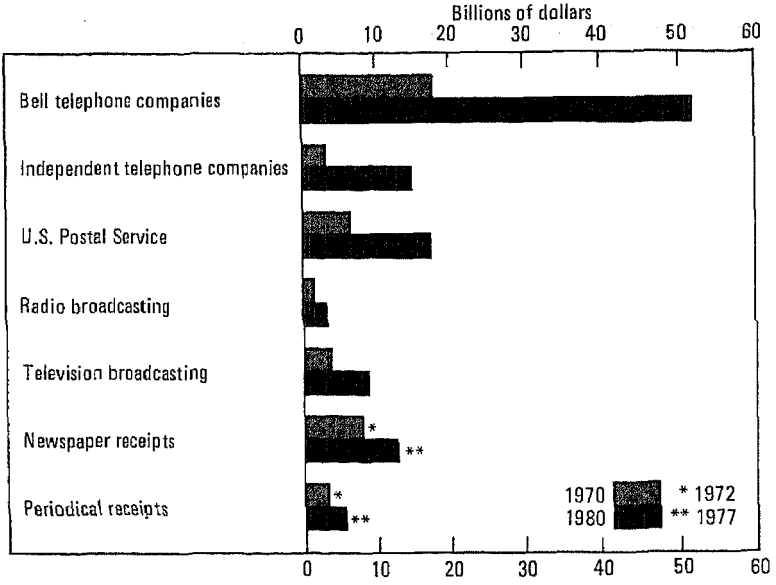
– Represents zero. D Suppressed to avoid disclosure of data of individual companies. Z Less than $500,000.
Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, January 1980 and August 1982.

No. 927. Corporate Philanthropy as a Percent of Pretax Net Income: 1979 and 1980

INDUSTRY CLASS	1979	1980
All firms, avg	.50	.58
Manufacturing firms, avg	.48	.58
Chemicals	.56	.62
Electrical machinery and equipment	.53	.58
Fabricated metal products	.71	.90
Food, beverage and tobacco	.65	.64
Machinery, nonelectrical	.61	.80
Mining	.47	.55
Paper and like products	.57	1.09
Petroleum and gas	.25	.29
Pharmaceuticals	.82	.99
Primary metal industries	.97	.95
Printing and publishing	1.14	1.66
Rubber miscel. plastic products	1.15	1.41
Manufacturing firms, avg.—Con.		
Stone, clay and glass products	.80	.95
Textiles	.96	1.29
Transportation equipment	.65	.21
Nonmanufacturing firms, avg	.56	.60
Banking	.80	.91
Business services	.32	.62
Engineering and construction	.60	.47
Finance	.69	.67
Insurance	.56	.74
Merchandising	1.50	1.67
Telecommunications	.38	.39
Transportation	.71	.64
Utilities	.31	.29

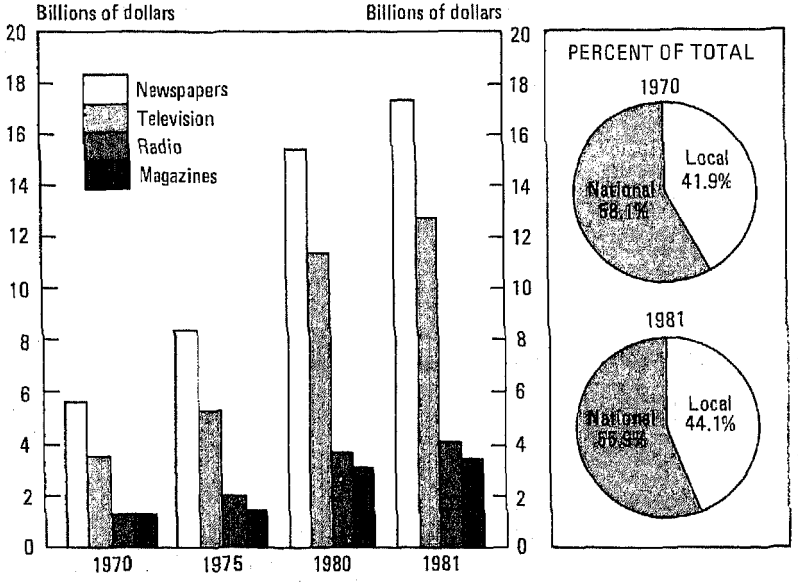
Source: Bertsch, Kenneth A. Investor Responsibility Research Center, Washington, D.C., *Corporate Philanthropy*, 1982 (Copyright).

Figure 19.1
Operating Revenues of Selected Media: 1970 to 1980

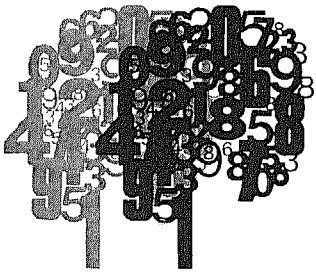


Source: Chart prepared by U.S. Bureau of the Census. For data, see table 929, 936, 937, 941, and 942.

Figure 19.2
Advertising Expenditures by Selected Media: 1970 to 1981



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 963.



Section 19

Communications

This section presents statistics on the usage, finances, and operations of the Postal Service and of the various communications media: Telephone, telegraph, radio, television, newspapers and periodicals, and books. Expenditures data for advertising in the media are also included.

Postal Service.—The Postal Service provides mail processing and delivery services within the United States. The Postal Reorganization Act of 1970 created the Postal Service, effective July 1971, as an independent establishment of the Federal Executive Branch; it also placed restrictions on the private delivery of mail.

"Revenue and cost analysis" is the term used by the Postal Service to describe its system of attributing revenues and costs to classes of mail and service. This system draws primarily upon probability sampling techniques to develop estimates of revenues, volumes, and weights, as well as costs by class of mail and special service. The costs attributed to classes of mail and special services are primarily incremental costs which vary in response to changes in volume; they account for roughly 60 percent of the total costs of the Postal Service. The balance represents "institutional costs" which includes funds for research and development, portions of personnel and office supplies, etc. Statistics on revenues, volume of mail, and distribution of expenditures are presented in the Postal Service's annual report, *Revenue and Cost Analysis,* and its *Annual Report of the Postmaster General.*

Communication media.—The Federal Communications Commission (FCC), established in 1934, regulates wire and radio communications and licenses radio and television stations. Only the largest carriers and controlling companies file annual or monthly financial reports. Jurisdiction of the FCC applies to domestic and overseas telegraph carriers and to the Communications Satellite Corporation (Comsat), but not to a large number of telephone carriers which are engaged in intrastate or foreign service. The gross operating revenues of the telephone carriers reporting annually to the FCC, however, are estimated to cover over 90 percent of the revenues of all U.S. telephone companies.

Reports filed by the broadcasting industry cover substantially all radio and television stations operating in the United States and its outlying areas. Statistics covering the private radio services represent the largest and most diverse group of licensees regulated by the FCC. These services primarily provide two-way radio communication for emergency and business purposes in the aviation, marine, land transportation, and other industries; police, fire, and other public safety programs; and amateur and personal operations. Principal sources of wire, radio, and television data are the FCC's *Annual Report,* its annual *Statistics of Communications Common Carriers,* and its annual releases of financial data reported by radio and television stations and networks. (The latter, however, were discontinued after 1980 data became available. See tables 941 and 942.)

Statistics on the printed media are available from the U.S. Bureau of the Census, as well as from various private agencies. The censuses of manufactures (conducted by the Census Bureau every five years, for the years ending in "2" and "7") provide statistics on the number and circulation of newspapers and periodicals and on sales of books and pamphlets. Editor & Publisher Co., Inc., New York, presents annual data on the number and circulation of daily and Sunday newspapers in its *International Yearbook.* Monthly data on new books and new editions appear in *Publishers Weekly,* issued by R. R. Bowker Company, New York.

Advertising.—The statistics on advertising expenditures are compiled primarily by private organizations. McCann-Erickson, Inc., which compiles certain of the data shown (see tables 961–963), defines national advertising as the advertising done for companies whose products are distributed nationally, and for which national media rates are paid. Local advertising is defined as the advertising done for companies which market their products locally and which may pay special "local" media rates. Spot advertising is considered time bought by a national advertiser on a selective market basis. Monthly index figures of advertising in certain media are also published periodically by McCann-Erickson in *Advertising Age.*

The Broadcast Advertisers Reports (see tables 964–966) distinguishes between spot and local advertising primarily on the basis of the type of advertiser to whom the time is sold, rather than how and by whom it is sold. In general, time purchased on behalf of retail or service establishments in the market is considered local, even though the establishments may be part of a national or regional chain. That is, spot advertising promotes a product, while local advertising promotes a given establishment. Network advertising, mutually exclusive of spot and local, is broadcast through the network system.

Statistical reliability.—For a discussion of statistical collection and estimation, sampling procedures, and measures of statistical reliability applicable 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 I.

No. 928. U.S. Postal Service—Summary: 1900 to 1981

[For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Includes Puerto Rico and all outlying areas except Canal Zone. See text, p. 551. See also *Historical Statistics, Colonial Times to 1970,* series R 163–171]

Year	Number of post offices	Finances [1]			Revenue per capita [3] (dol.)	Sales of stamps and stamped paper (mil. dol.)	Postage paid under permit and meter (mil. dol.)	Money orders issued, total (mil. dol.)	Pieces of mail handled (est.)			
		Revenues (mil. dol.)	Expenditures [2] (mil. dol.)	Deficit (mil. dol.)					Total [4] (bil.)	First-class [5] Number (bil.)	First-class [5] Percent	Second-class [6] (bil.)
1900	76,688	102	108	5	1.34	94	([7])	256	7.1	(NA)	(NA)	(NA)
1910	59,580	224	230	6	2.43	202	4	638	14.9	(NA)	(NA)	(NA)
1920	52,641	437	454	17	4.11	380	13	1,356	(NA)	(NA)	(NA)	(NA)
1930	49,063	705	804	98	5.75	575	74	1,767	27.9	16.9	60.6	5.0
1940	44,024	767	808	41	5.84	522	177	2,108	27.7	15.2	54.9	4.6
1950	41,464	1,677	2,223	545	11.14	862	678	[8]5,138	45.1	24.5	54.3	6.3
1955	38,316	2,349	2,712	363	14.33	999	1,136	5,883	55.2	28.7	52.0	6.7
1960	35,238	3,277	3,874	597	18.27	1,245	1,699	5,058	63.7	33.2	52.1	7.5
1965	33,624	4,483	5,276	793	23.17	1,528	2,529	4,540	71.9	38.1	53.0	8.6
1970	32,002	7,702	7,867	165	31.05	1,936	3,883	4,709	84.9	48.6	57.2	9.4
1971	31,947	8,751	8,955	204	32.24	1,999	4,126	4,728	87.0	50.0	57.5	9.6
1972	31,686	9,347	9,522	175	37.89	2,371	4,861	4,731	87.2	48.9	56.1	9.5
1973	31,385	9,913	9,926	13	39.77	2,399	5,141	4,700	89.7	51.0	56.9	9.0
1974	31,000	10,857	11,295	438	42.85	2,504	5,623	5,194	90.1	51.6	57.3	8.8
1975	30,754	11,590	12,578	988	47.08	2,819	6,241	5,856	89.3	51.4	57.6	9.1
1976	30,521	12,747	13,923	1,176	52.21	3,155	6,883	6,243	89.8	52.1	58.0	8.9
1976, TQ [9]	30,521	3,402	3,387	[10]15	14.11	815	1,895	1,639	21.5	12.5	58.1	2.1
1977	30,521	14,622	15,310	688	60.18	3,658	7,951	5,636	92.2	53.7	58.2	8.7
1978	30,518	15,841	16,220	379	64.91	3,943	8,668	5,587	96.9	56.0	57.8	8.7
1979	30,449	17,999	17,529	[10]470	73.37	4,382	10,062	5,631	99.8	58.0	58.1	8.4
1980	30,326	19,106	19,412	306	77.32	4,287	10,828	6,112	106.3	60.3	56.7	8.4
1981	30,242	20,781	21,369	588	83.62	4,625	11,891	6,692	110.1	61.5	55.8	10.0

NA Not available. [1] After allowance for reimbursements, embossed envelope purchases, indemnity claims, and miscellaneous revenue and expenditure offsets. Through 1950, includes some payments and receipts applicable to services in prior years; beginning 1955, expenditures are shown in year in which obligation was incurred, and revenues in year which gave rise to the earnings, whether collected or accrued. In 1954, the Postal Service began receiving reimbursement for penalty and franked mail, and discontinued payment of subsidies to airlines. Revenues for 1960 include $37.4 million reimbursement from the Treasury General Fund for statutory public services. These and other changes affect comparability of figures. See also footnote 3, table 929. [2] Includes capital expenditures for plant and equipment and cost of materials and supplies, but no provision for depreciation. Also includes costs of certain services rendered to other agencies without reimbursement but excludes costs of certain services rendered to the Postal Service by other agencies. Beginning 1955, represents obligations incurred; beginning 1965, represents accrued expenses, including depreciation on fixed assets, reimbursable work for others, and expenses paid by certain other agencies without reimbursement by the Postal Service. [3] Operating revenue only; based on Bureau of the Census estimated total population as of Jan. 1, including Armed Forces abroad. [4] Includes other classes of mail not shown separately. See table 931. [5] Items mailed at 1st-class rates and weighing 12 ounces or less. Includes items wholly or partially in writing or typewriting, cards or bills and statements of account, items closed against postal inspection, etc. [6] Includes mail paid at other than bulk rates. [7] Service not inaugurated. [8] Includes postal notes issued under act of Congress. [9] Transition quarter, July–Sept. [10] Net income.

Source: U.S. Postal Service, *Annual Report of the Postmaster General.*

No. 929. U.S. Postal Service Revenues: 1960 to 1981

[**In millions of dollars, except percent.** For years ending **June 30** except, beginning **1977,** ending **Sept. 30.** Includes Puerto Rico and all outlying areas except Canal Zone. See text, p. 551]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
Total revenue [1]	[2] 3,277	[2] 4,483	7,702	10,857	11,590	12,747	14,622	15,841	17,999	19,106	20,781
SOURCE											
Operating postal revenue [3]	3,270	4,433	6,347	9,008	10,015	11,199	12,998	14,133	16,106	17,143	19,133
Stamps, postal cards, etc.	1,245	1,528	1,936	2,504	2,819	3,155	3,658	3,943	4,382	4,287	4,625
Second-class postage paid in money (pound rates) [4]	86	131	192	259	284	319	427	551	755	881	911
Other postage paid under permit and meter	1,699	2,529	3,883	5,623	6,241	6,883	7,951	8,668	10,062	10,828	11,891
Box rents	29	34	44	63	67	103	109	124	153	160	168
Miscellaneous	[5] 147	154	236	507	556	675	748	758	663	892	1,427
Money-order revenues	64	57	56	52	53	63	105	89	91	95	111
Government appropriations	–	–	1,355	1,750	1,533	1,645	1,712	1,722	1,720	1,610	1,275
Percent of total revenue	–	–	17.6	16.1	13.2	12.9	11.7	10.9	9.6	8.4	6.1
Investment income, net	–	–	–	98	37	[6] –97	[6] –88	[6] –14	173	353	373
MAIL AND SERVICE											
First-class mail [7]	1,510	2,193	3,291	5,019	5,798	6,734	7,831	8,575	9,733	10,146	11,457
Priority mail [8]	–	–	282	394	411	411	468	497	561	612	758
Second-class publishers' mail [9]	81	119	155	213	236	267	363	472	644	618	[10] 885
Controlled circulation publication [11]	8	15	35	40	41	41	53	67	95	246	([10])
Third-class mail [12]	441	650	827	1,214	1,348	1,522	1,748	1,987	2,216	2,412	2,643
Bulk rate	(NA)	(NA)	(NA)	1,046	1,167	1,317	1,508	1,745	1,967	2,168	2,405
Single piece rate and fees	(NA)	(NA)	(NA)	167	181	205	240	242	249	244	238
Fourth-class mail [13]	607	702	778	732	718	680	769	673	747	805	786
Zone rate mail (parcels, catalogs, etc.)	(NA)	(NA)	(NA)	591	577	508	594	460	484	500	499
Special fourth-class rate	(NA)	(NA)	(NA)	130	130	160	148	187	237	272	251
Library rate and fees	(NA)	(NA)	(NA)	11	11	12	28	27	27	33	36
Government mail [14]	86	124	199	471	484	577	611	626	678	745	761
International mail [15]	102	152	270	343	390	447	493	499	550	596	735
Special services	184	179	236	252	251	257	417	439	506	518	823
Other [16]	258	349	1,629	2,179	1,913	1,811	1,869	2,005	2,269	2,404	1,933

– Represents zero. NA Not available. [1] Net revenue after refunds of postage. Beginning 1965, includes operating reimbursements. [2] Includes small amounts for Postal Savings System, 1960 and 1965, and reimbursement by U.S. Congress in 1965. [3] The U.S. Postal Service was established July 1, 1971. Revenues prior to that date are those of the Post Office Department. Revenues for 1970 have been restated to be consistent with subsequent years. See also footnote 1, table 928. [4] Includes controlled circulation publications. [5] Includes $37.4 million appropriated to postal revenues for public services as provided by the Postal Policy Act of 1958. [6] Interest expense on loans exceeded interest income received from investments. [7] See footnote 5, table 928. [8] Items otherwise qualified as 1st-class or airmail that exceed 12 ounces and 8 ounces, respectively. [9] Includes mail paid at other than bulk rates. Publishers' mail includes printed publications periodically issued and mailed at a known post office to paid subscribers. These include regular rate newspapers and magazines, and classroom and nonprofit rate publications. Outside-the-county publications are those mailed to destinations outside the county of publication. [10] Controlled circulation discontinued March 22, 1982. Statistics for 1981 are included in second-class. [11] Publications of at least 24 pages and containing at least 25 percent nonadvertising content issued quarterly or more frequently for mainly free distribution. Includes certain trade publications and "shopper" guides. [12] Items less than 16 ounces in weight not mailed at either 1st- or 2d-class rates. [13] Items not mailed at 1st-, 2d-, or 3d-class rates, except government and international mail. May include parcel post, catalogs weighing 16 ounces or more, books, films, and records. [14] Penalty and franked mail. [15] Mail from U.S. to foreign countries paid at international mail rates. [16] Consists of unassignable revenues; includes domestic airmail until 1976, and express mail and mailgrams beginning 1977.

No. 930. U.S. Postal Service Employees, by Type: 1950 to 1981

[**In thousands, except as indicated.** As of **June 30** except, beginning **1977,** as of **Sept. 30.** Includes Puerto Rico, and all outlying areas except Canal Zone. See *Historical Statistics, Colonial Times to 1970,* series R 187, for total employees]

ITEM	1950	1955	1960	1965	1970	1975	1977	1978	1979	1980	1981
Total employees	501	512	563	596	741	702	655	656	663	667	670
Regular	364	367	409	447	549	559	528	526	534	536	544
Postmasters	[1] 45	[1] 42	35	33	30	30	29	28	28	29	29
Office supvsr. and tech. personnel	169	175	27	30	37	37	36	37	36	36	37
Office clerks and mail handlers [2]			172	188	243	239	228	226	230	229	232
City carriers and vehicle drivers	90	91	110	133	165	167	157	156	160	160	164
Rural carriers	36	32	31	31	31	31	31	31	32	33	33
Other	27	26	34	32	42	55	47	47	48	49	49
Substitute (part-time)	137	145	154	148	193	143	127	130	129	130	126
Compensation and employee benefits (mil. dol.)	1,618	2,084	2,953	4,156	6,462	10,805	13,124	14,031	15,162	16,541	18,018
Pieces of mail per employee, average	90	108	113	121	115	127	141	148	151	159	164

[1] Includes assistant postmasters: 3,540 in 1950, and 3,917 in 1955. [2] Includes mobile unit employees.

Source of tables 929 and 930: U.S. Postal Service, *Annual Report of the Postmaster General.*

No. 931. U.S. Postal Service—Volume of Mail, by Class: 1970 to 1981

[**In millions, except per capita.** For years ending **June 30** except, beginning **1979,** ending **Sept. 30.** Includes Puerto Rico and all outlying areas except Canal Zone. For definition of classes of mail, see footnotes, table 929. See also *Historical Statistics, Colonial Times to 1970,* series R 172-186]

CLASS OF MAIL	PIECES OF MAIL					WEIGHT OF MAIL (lb.)				
	1970	1975	1979	1980	1981	1970	1975	1979	1980	1981
Total	**84,882**	**89,266**	**99,829**	**106,311**	**110,130**	**13,281**	**12,025**	**12,253**	**12,958**	**13,515**
Domestic	83,986	88,334	98,875	105,348	109,244	13,055	11,824	12,040	12,742	13,303
1st class and airmail [1]	50,174	52,482	57,976	60,332	61,476	1,636	1,746	2,072	2,213	2,309
Priority mail	185	207	229	248	269	371	440	541	591	635
2d class	9,352	9,085	8,400	8,446	[2]9,956	3,417	2,792	2,985	2,550	[2]3,483
3d class	19,974	21,867	27,513	30,381	33,607	2,032	2,283	2,994	3,240	3,758
4th class	977	801	614	633	590	4,786	3,754	2,534	2,661	2,480
Controlled circulation publications	562	628	846	1,775	(2)	224	232	358	928	(2)
Penalty	2,544	2,928	2,895	2,992	2,898	540	527	503	503	568
Franked and free for blind	218	336	402	540	448	49	50	53	56	70
International	896	932	954	963	886	226	201	213	216	212
Per capita: [3]										
Total, all domestic mail [4]	412	415	452	475	477	64	56	55	57	58
1st class and airmail	246	247	264	272	269	8	8	9	10	10
2d class	46	43	38	38	44	17	13	14	12	15
3d class	98	103	125	137	147	10	11	14	15	16
4th class	5	4	3	3	3	23	18	12	12	11

[1] Beginning 1979, includes express mail established as a class of mail on October 9, 1977, and mailgrams. [2] Controlled circulation discontinued March 22, 1981. Statistics for 1981 are included in second-class. [3] Based on estimated total population as of Jan. 1, including Armed Forces abroad. [4] Includes types of mail not shown separately.

Source: U.S. Postal Service, *Annual Report of the Postmaster General.*

No. 932. U.S. Postal Service Rates for Letters and Post Cards: 1958 to 1981

[See also *Historical Statistics, Colonial Times to 1970,* series R 188-191]

DATE OF RATE CHANGE	SURFACE MAIL				Domestic airmail letters [1]	DATE OF RATE CHANGE	SURFACE MAIL				Domestic airmail letters [1]
	Letters			Postal and post cards			Letters			Postal and post cards	
	Each ounce	First ounce	Each added ounce				Each ounce	First ounce	Each added ounce		
1958 (Aug. 1)	4¢	(x)	(x)	3¢	7¢	1975 (Sept. 14)	(x)	10¢	9¢	7¢	(x)
1963 (Jan. 7)	5¢	(x)	(x)	4¢	8¢	1975 (Dec. 31)	[2](x)	[2]13¢	[2]11¢	[2]9¢	(3)
1968 (Jan. 7)	6¢	(x)	(x)	5¢	10¢	1978 (May 29)	(x)	15¢	13¢	10¢	(4)
1971 (May 16)	8¢	(x)	(x)	6¢	11¢	1981 (Mar. 22)	(x)	18¢	17¢	12¢	(4)
1974 (Mar. 2)	10¢	(x)	(x)	8¢	13¢	1981 (Nov. 1)	(x)	20¢	17¢	13¢	(4)

X Not applicable. [1] Each ounce, except as noted. [2] As of October 11, 1975, surface mail service upgraded to level of airmail. [3] 17¢ for first ounce; 15¢ for each added ounce. [4] As of May 1, 1977, domestic airmail service, as a separate class of mail, was discontinued.

Source: U.S. Postal Service, "United States Domestic Postage Rates: Recent History," and unpublished data.

No. 933. International Air Mail Rates From the U.S.: 1961 to 1981

[Excludes Canada and Mexico]

DATE OF RATE CHANGE	ZONE 1 [1]		ZONE 2 [2]		ZONE 3 [3]		Post cards	Aerogrammes
	Each ½ ounce up to two ounces	Each added ½ ounce	Each ½ ounce up to two ounces	Each added ½ ounce	Each ½ ounce up to two ounces	Each added ½ ounce		
July 1, 1961	.13	.13	.15	.15	.25	.25	.11	.11
May 1, 1967	.15	.15	.20	.20	.25	.25	.13	.13
July 1, 1971	.17	.17	.21	.21	.21	.21	.13	.13
Mar. 2, 1974	.21	.17	.26	.21	.26	.21	.18	.18
Jan. 3, 1976	.25	.21	.31	.26	.31	.26	.21	.22
Jan. 1, 1981	.35	[4].30	.40	[5].35	.40	[5].35	.28	.30

[1] Caribbean, Central and South America. The airmail letter rate to South America, 1961 to 1967, was the same as that to Europe. Beginning January 3, 1976, the airmail letter rate to all South American countries except Colombia and Venezuela is the same as Europe; Colombia and Venezuela are included in the first zone. [2] Europe and Mediteranean Africa. [3] Rest of world. [4] Up to 32 oz.; 30 cents per additional ounce over 32. [5] Up to 32 oz.; 35 cents per additional ounce over 32.

Source: U.S. Postal Service, unpublished data.

No. 934. Utilization of Selected Media: 1950 to 1982

ITEM	Unit	1950	1955	1960	1965	1970	1975	1978	1979	1980	1981	1982
Households with —												
Telephone service [1]	Percent	62	72	79	85	91	93	96	96	96	97	(NA)
Radio sets [2]	Percent	92.6	96.4	96.3	98.6	98.6	98.6	98.9	99.0	99.0	99.0	99.0
Average number of sets	Number	2.1	2.4	3.7	4.1	5.1	5.6	5.7	5.7	5.5	5.5	5.5
Television sets [3]	Percent	9	65	87	93	95	97	98	98	98	98	98
Average number of sets	Number	1.01	1.03	1.13	1.22	1.39	1.54	1.63	1.67	(NA)	(NA)	(NA)
Color set households	Millions	-	(z)	.3	2.8	20.9	46.9	56.9	60.3	63.4	68.1	71.4
Average viewing per day [4]	Hours	4.6	4.9	5.1	5.5	5.9	6.1	6.3	6.3	6.3	6.6	6.7
Stations [5]	Number	2,336	3,179	4,218	4,867	5,584	6,228	6,462	6,492	6,603	(NA)	(NA)
AM and FM	Number	2,143	2,704	3,470	3,941	4,209	4,355	4,316	4,253	4,259	(NA)	(NA)
FM affiliates of AM stations	Number	(NA)	(NA)	(NA)	(NA)	225	477	655	681	715	(NA)	(NA)
FM independents	Number	86	38	218	338	464	703	777	835	904	(NA)	(NA)
TV stations	Number	107	437	530	588	686	693	714	723	725	(NA)	(NA)
Cable television: [6]												
Systems	Number	[7]70	400	640	1,325	2,490	3,506	3,875	4,150	4,225	4,375	4,825
Subscribers served	Millions	[7].01	.15	.65	1.3	4.5	9.8	13.0	14.1	15.5	18.3	21.0
Daily newspaper circulation: [8]												
Number	Millions	53.8	56.1	58.9	60.4	62.1	60.7	62.0	62.2	62.2	61.4	(NA)
Per capita [9]	Number	.354	.340	.327	.312	.305	.282	.279	.277	.275	.268	(NA)

- Represents zero. NA Not available. Z Less than 50,000. [1] As of Dec. 31. Source: American Telephone and Telegraph Company, New York, N.Y., unpublished data. [2] As of Dec. 31. Source: Radio Advertising Bureau, New York, N.Y., *Radio Facts*, annual (copyright). [3] 1970–1979, as of Sept. of prior year; all other years as of Jan. of year shown. Source: Except as noted, 1950–1965, National Broadcasting Company, New York, N.Y., thereafter, A.C. Nielson Company, Northbrook, Ill. (copyright). In Television Bureau of Advertising, Inc., New York, "Trends in Television, 1950 to Date," April 1, 1982. [4] Source: A.C. Nielsen Company, Northbrook, Ill. (copyright). [5] Reporting stations, as of Dec. 1. Includes Puerto Rico and Virgin Islands. Source: U.S. Federal Communications Commission, *AM-FM* and *TV Broadcast Financial Data*, annual, and unpublished data. [6] As of Jan. 1. Source: Television Digest, Inc., Washington, D.C. *Television Factbook*, annual (copyright). [7] Data for 1952. [8] As of Sept. 30, except 1950–1965, as of Oct. 1. Source: Editor & Publisher, Inc., New York, N.Y., *Editor & Publisher International Year Book*, annual (copyright). [9] Per capita based on total resident population enumerated as of April 1, 1970 and 1980, and estimated as of July 1 for other years.

Source: Compiled from sources listed in footnotes.

No. 935. Telephone and Telegraph Systems: 1950 to 1980

[Covers principal carriers filing annual reports with Federal Communications Commission. See *Historical Statistics, Colonial Times to 1970*, series R 46-70 and R 75-88, for data on telegraph systems]

ITEM	Unit	1950	1955	1960	1965	1970	1975	1977	1978	1979	1980
Domestic telephone: [1] Carriers	Number	71	53	52	54	56	62	63	63	61	59
Telephones [2]	Million	39	50	66	82	105	130	143	148	153	157
Miles of wire	Million	147	205	316	436	628	872	966	1,022	1,081	1,131
Gross book cost of plant	Bil. dol.	10.7	16.2	25.7	38.0	59.9	95.5	113.1	123.6	134.9	147.4
Depreciation reserves [3]	Bil. dol.	3.0	4.1	5.6	8.1	13.2	18.8	21.9	23.5	24.9	26.5
Ratio to book cost	Percent	27.8	25.3	21.7	21.4	22.1	19.7	19.4	19.0	18.5	18.0
Capital stock	Bil. dol.	3.2	6.0	8.4	10.0	10.8	12.4	14.2	14.8	15.5	16.3
Operating revenues	Bil. dol.	3.4	5.6	8.4	11.8	18.2	31.3	40.1	45.2	49.8	55.6
Operating expenses [4]	Bil. dol.	2.5	3.7	5.0	7.1	11.7	20.2	25.7	29.1	33.0	37.3
Net operating income [5]	Bil. dol.	.5	.8	1.4	2.1	3.1	5.6	7.2	8.1	8.9	10.0
Net income	Bil. dol.	.4	.7	1.3	1.9	2.3	3.6	5.1	5.9	6.0	6.6
Employees	1,000	565	649	627	655	839	840	851	894	928	938
Compensation of employees	Bil. dol.	1.8	2.7	3.4	4.3	7.0	11.7	13.4	16.2	18.4	20.2
Overseas telephone:											
Number of overseas calls	Million	.7	1.2	3.3	7.5	23.4	62.2	96.3	133.9	168.3	199.6
Revenue from overseas calls	Mil. dol.	9	16	42	101	252	562	795	963	1,106	1,535
Ocean cable systems	Number	1	1	5	11	13	14	15	15	15	16
Communications satellites	Number	-	-	-	1	4	5	5	5	5	5
Domestic telegraph: Carriers	Number	1	1	1	1	1	1	1	1	1	1
Revenue messages transmitted	Million	179	154	124	94	70	42	45	50	55	55
Message revenues [6]	Mil. dol.	152	189	190	192	234	197	214	238	271	296
Total operating revenues	Mil. dol.	178	229	262	306	402	505	555	576	636	697
Operating revenue deductions	Mil. dol.	167	206	247	282	368	435	470	492	561	603
Operating income [7]	Mil. dol.	9	13	11	24	34	70	85	84	75	94
Teletypewriter messages	Million	15	23	33	47	46	54	53	56	59	68
Overseas telegraph: [8]											
Carriers	Number	11	10	9	6	6	6	6	6	7	7
Revenue messages transmitted	Million	23	26	28	29	32	26	23	22	21	20
Message revenues [6]	Mil. dol.	42	50	71	78	124	217	276	320	355	380
Total operating revenues	Mil. dol.	50	68	87	107	194	316	397	455	497	535
Operating revenue deductions	Mil. dol.	45	58	77	87	156	245	294	336	362	405
Operating income [7]	Mil. dol.	4	3	6	14	26	48	69	83	85	79
Return on investment: [9]											
Telephone	Percent	6.1	6.6	7.3	7.3	7.1	7.6	8.3	8.5	8.5	8.7
Domestic telegraph	Percent	5.1	7.6	5.0	5.6	5.0	6.1	7.0	6.6	5.5	6.6
Overseas telegraph	Percent	7.3	5.8	7.2	11.0	10.6	12.0	15.8	18.2	17.9	15.9

- Represents zero. [1] Includes Puerto Rico and, beginning 1965, Virgin Islands. Excludes intercompany duplications. Gross operating revenues of carriers reporting since 1970 estimated at 90 percent of all carriers. [2] Includes company, service, and private. [3] Includes amortization reserves. [4] Excludes taxes. [5] After tax deductions. [6] Includes telex service; for domestic telegraph, excludes TWX. [7] After Federal Income taxes. [8] Beginning 1965, excludes South American and most Caribbean operations of All America Cables and Radio, Inc. [9] Ratio of net operating income (after taxes) to average net book cost of communications plant.

Source: U.S. Federal Communications Commission, *Statistics of Communications Common Carriers*, annual, and unpublished data.

No. 936. Bell Telephone Companies—Summary: 1960 to 1981

[As of **Dec. 31** or for calendar year, as applicable. Comprises American Telephone and Telegraph Company and its principal telephone subsidiaries, plus Southern New England and Cincinnati Bell Telephone Companies. See also *Historical Statistics, Colonial Times to 1970*, series R 17-30]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981
Central offices [1]	1,000	11.2	13.4	15.1	17.2	17.5	17.8	18.1	18.7	19.2	19.7
Miles of—Wire	Million	308	423	602	832	871	910	962	1,018	1,068	1,113
Coaxial tube	1,000	97	169	287	333	338	337	331	332	334	330
Telephone grade carrier channel [2]	Million	76	167	414	645	672	715	758	854	979	1,091
Microwave radio relay [3]	1,000	298	728	1,181	1,389	1,370	1,407	1,402	1,402	1,470	1,705
Book value of plant (cost)	Bil. dol	24.7	36.2	56.2	89.2	95.8	103.6	113.0	123.9	135.5	148.5
Depreciation reserves [4]	Bil. dol	5.4	7.8	12.6	17.6	18.7	19.9	21.2	22.6	24.0	27.2
Operating revenues [5]	Bil. dol	8.1	11.3	17.4	29.6	33.5	37.3	42.0	46.4	51.9	59.4
Local exchange	Bil. dol	4.7	6.1	8.7	14.4	16.0	17.5	19.2	20.8	23.0	26.3
Toll	Bil. dol	3.1	4.7	8.0	14.2	16.4	18.5	21.2	23.8	26.7	30.9
Operating expenses [6]	Bil. dol	5.6	7.9	12.9	22.2	24.8	27.7	31.0	34.9	39.3	45.0
Net income	Bil. dol	1.3	1.9	2.3	3.3	4.0	4.7	5.6	5.6	6.1	6.9
Dividends declared [7]	Bil. dol	.8	1.1	1.5	2.2	2.6	2.9	3.3	3.8	4.0	4.5
Net income [8]	Bil. dol	1.2	1.8	2.2	2.9	3.6	4.3	5.1	5.5	5.9	6.7
Average common equity	Bil. dol	12.1	18.9	23.9	29.6	32.1	35.3	39.0	42.6	46.7	52.1
Return to average common equity	Ratio	10.0	9.5	9.2	9.7	11.1	12.2	13.1	12.9	12.7	12.9
Employees, number	1,000	595	627	793	789	778	785	823	855	868	874
Wages and salaries	Bil. dol	3.3	4.2	6.6	11.1	12.2	13.4	15.1	17.3	19.3	21.5

[1] 1960 not fully comparable with later years. [2] Message circuits added to existing wire mileage, but not requiring additional wire. Also includes microwave radio. [3] Broadband, 1-way channel. [4] Includes amortization reserves. [5] Includes miscellaneous and uncollectible, not shown separately. [6] Includes operating taxes other than Federal income tax. [7] Excludes intercompany dividends. [8] Beginning 1975, applicable to ATT common (excludes preferred dividend requirement).

Source: American Telephone and Telegraph Company, New York, N.Y., unpublished data compiled from reports of Bell System and Southern New England and Cincinnati Bell Companies.

No. 937. Independent Telephone Companies—Summary: 1951 to 1981

[As of **Dec. 31** or **calendar year**, as applicable. See also *Historical Statistics, Colonial Times to 1970*, series R 31-45]

ITEM	Unit	1951	1955	1960	1965	1970	1975	1978	1979	1980	1981
All companies [1]	**Number**	**5,541**	**4,713**	**3,299**	**2,421**	**1,841**	**1,618**	**1,527**	**1,488**	**1,483**	**1,459**
Telephones	1,000	6,338	8,461	11,428	15,027	20,312	26,823	31,549	33,226	34,665	35,341
Total telephone plant	Mil. dol	1,096	2,043	4,019	6,826	12,390	21,200	27,788	31,644	35,300	38,298
Operating revenues	Mil. dol	317	590	1,020	1,670	2,953	5,500	8,085	9,240	10,475	12,206
Reporting companies [2]	**Number**	**379**	**406**	**550**	**669**	**684**	**731**	**761**	**755**	**765**	**768**
Telephones	1,000	4,922	6,750	9,718	13,648	19,182	25,548	30,323	32,511	33,748	34,593
Telephone plant in service	Mil. dol	878	1,656	3,396	6,056	11,175	19,520	25,640	29,379	32,491	35,986
Depreciation reserves	Mil. dol	203	326	600	1,168	2,203	4,120	6,063	6,980	7,820	8,905
Operating revenues	Mil. dol	270	503	1,040	1,530	2,791	5,294	7,807	9,073	10,177	11,860
Operating expenses [3]	Mil. dol	211	354	630	1,040	1,953	3,639	5,405	6,415	7,279	8,449
Net income	Mil. dol	29	67	117	225	356	711	1,073	1,210	1,268	1,505
Common stock and surplus	Mil. dol	(NA)	555	1,111	1,894	3,733	6,181	7,751	8,719	9,623	10,641
Net income to common stock and surplus	Percent	(NA)	12.0	10.5	11.9	9.5	11.5	13.8	13.9	13.2	14.2
Employees	1,000	63	72	85	101	142	152	172	187	189	192
Wages and salaries	Mil. dol	147	224	359	537	1,001	1,737	2,579	3,015	3,373	3,775

NA Not available. [1] All telephone companies independent of Bell System. [2] Comprises only companies submitting operating information to source cited below. [3] Excludes Federal income tax.

Source: United States Independent Telephone Association, Washington, D.C., *Statistics of the Independent Telephone Industry*, annual. (Copyright.)

No. 938. REA and Rural Telephone Bank Program—Summary: 1960 to 1981

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981
Loans and guarantees approved, Dec. 31: [1]										
Borrowers	Number	727	845	862	921	950	966	981	990	1,010
REA amount	Mil. dol	737	1,200	1,816	2,576	3,043	3,354	3,606	3,845	4,076
Guaranteed amount	Mil. dol	–	–	–	237	394	392	392	418	553
Rural Telephone Bank amount	Mil. dol	–	–	–	618	979	1,121	1,262	1,388	1,529
Route miles of line, [2] Dec. 31	1,000	287	460	547	653	726	748	772	798	805
Subscribers, Dec. 31	1,000	1,142	1,726	2,335	3,045	3,599	3,877	4,073	4,262	4,375
Telephones in service	1,000	1,280	2,046	2,989	4,355	5,388	5,925	6,335	6,770	6,953
Total operating revenues	Mil. dol	94	187	363	753	1,087	1,305	1,540	1,758	2,042
Total telephone plant	Mil. dol	635	1,168	2,085	3,850	5,074	5,770	6,558	7,388	8,034
Employees	1,000	9.7	11.6	15.4	20.0	23.5	26.3	27.9	28.4	28.7

– Represents zero. [1] Cumulative net loans (cancellations deducted). [2] Line in service.

Source: U.S. Rural Electrification Administration, *Statistical Report—Rural Telephone Borrowers*, annual.

No. 939. Telephones, Calls, and Rates: 1960 to 1981

[See also *Historical Statistics, Colonial Times to 1970*, series R 1-16]

ITEM	Unit	1960	1965	1970	1974	1975	1977	1978	1979	1980	1981
Telephones, Dec. 31	**Million**	**74**	**94**	**120**	**144**	**149**	**162**	**169**	**176**	**180**	**182**
Total per 1,000 population	Number	408	478	582	670	686	732	755	755	790	789
Bell companies [1]	Million	63	79	100	118	122	132	137	143	145	147
Independent companies	Million	11	15	20	26	27	30	31	32	35	35
Business	Million	21	26	33	39	39	42	44	46	48	47
Residence	Million	54	68	87	105	110	120	125	130	133	135
Households with service [2]	Percent	79	85	91	93	93	95	96	96	96	97
Average daily conversations:											
Bell companies [1 3]	Million	225	287	379	470	481	519	561	576	595	601
Local	Million	215	273	356	438	448	479	515	526	541	545
Long distance	Million	10	14	23	32	33	40	45	50	54	56
Independent companies [3]	Million	60	80	107	143	146	160	176	180	192	199
Local	Million	58	77	103	136	137	150	165	166	176	182
Long distance	Million	2	3	4	7	9	10	11	14	16	17
Toll rates in effect, Dec. 31, from New York City to—[4]											
Philadelphia	Dollar	.50	.50	.50	.60	.90	1.01	1.01	1.01	1.05	1.22
Chicago	Dollar	1.45	1.40	1.05	1.15	1.20	1.18	1.18	1.18	1.25	1.45
Denver	Dollar	1.80	1.70	1.25	1.35	1.30	1.24	1.24	1.24	1.31	1.52
San Francisco	Dollar	2.25	2.00	1.35	1.45	1.36	1.30	1.30	1.30	1.37	1.58
London	Dollar	(NA)	(NA)	3.60	3.60	3.60	3.60	4.50	4.50	4.80	3.00
Cairo	Dollar	(NA)	(NA)	(NA)	9.00	9.00	9.00	9.00	9.00	9.45	9.45
Tokyo	Dollar	(NA)	9.00	9.00	9.00	9.00	9.00	7.80	7.35	7.80	4.95
Buenos Aires	Dollar	(NA)	(NA)	8.00	8.00	8.00	8.00	8.00	6.75	7.05	4.50

NA Not available. [1] See headnote, table 936. [2] See footnote 3, table 940 for definition. Based on revised household counts. [3] Includes messages originating in independent company areas routed in part over Bell facilities. [4] Source: Federal Communications Commission, tariff releases. Rates for dialing station-to-station, daytime, 3-minute calls.

Source: Except as noted, American Telephone and Telegraph Company, New York, N.Y., unpublished data.

No. 940. Telephones in Use, by States: 1970 and 1980

[As of Dec. 31]

STATE	TELEPHONES					PERCENT HOUSEHOLDS WITH SERVICE [3]	
	Number (1,000)		Percent owned by Bell [1]		Per 100 population,[2] 1980		
	1970	1980	1970	1980		1970	1980
U.S	**120,155**	**180,424**	**83**	**81**	**59**	**92**	**96**
Ala	1,563	2,608	84	83	51	80	87
Alaska	85	254	–	–	40	(NA)	72
Ariz	956	2,109	97	95	57	82	94
Ark	859	1,477	73	70	49	77	87
Calif	13,306	20,881	79	78	62	94	101
Colo	1,374	2,451	98	98	60	93	96
Conn	2,061	2,705	99	99	64	100	104
Del	380	534	100	100	65	97	101
D.C	878	1,106	100	100	82	100	110
Fla	4,142	8,277	68	64	63	88	97
Ga	2,413	4,246	86	86	57	83	89
Hawaii	424	722	–	–	48	(NA)	103
Idaho	356	707	80	79	55	87	93
Ill	7,110	10,315	83	83	68	94	99
Ind	2,905	4,166	66	64	58	90	92
Iowa	1,625	2,312	70	68	60	95	97
Kans	1,301	1,992	83	83	64	93	97
Ky	1,435	2,348	73	70	49	80	86
La	1,781	2,998	95	94	54	87	92
Maine	490	812	90	88	56	93	98
Md	2,482	3,606	100	100	64	93	101
Mass	3,523	4,629	100	100	59	98	101
Mich	5,135	7,305	89	87	60	95	99
Minn	2,248	3,219	82	78	58	97	99
Miss	891	1,579	95	95	48	71	82
Mo	2,753	3,877	83	79	59	91	95
Mont	357	623	84	83	58	89	96
Nebr	884	1,325	58	57	63	96	100
Nev	333	762	35	34	65	84	88
N.H	425	724	95	95	59	99	100
N.J	4,786	6,725	98	98	68	99	108
N. Mex	494	878	87	86	47	80	86
N.Y	12,416	12,973	92	91	54	97	98
N.C	2,385	4,261	52	53	55	82	91
N. Dak	321	582	70	74	65	94	106
Ohio	6,201	8,135	77	75	57	94	95
Okla	1,469	2,446	88	86	59	88	94
Oreg	1,190	2,046	78	72	55	89	90
Pa	7,476	9,877	83	81	63	95	99
R.I	531	731	100	100	58	96	98
S.C	1,168	2,130	74	72	51	80	87
S. Dak	335	526	81	78	56	91	93
Tenn	1,947	3,256	84	83	54	84	90
Texas	6,329	11,344	84	81	57	86	93
Utah	596	1,078	96	96	55	93	94
Vt	236	376	87	86	54	97	101
Va	2,476	3,947	80	79	55	86	93
Wash	1,996	3,326	77	73	57	91	93
W. Va	763	1,140	87	86	45	82	86
Wis	2,370	3,570	72	69	56	95	99
Wyo	196	405	94	94	59	89	91

– Represents zero. NA Not available. [1] Includes 463,200 service telephones (noncompany telephones for which switching service is provided) in 1970, and 364,305 in 1980. [2] Residential telephones per 100 population. Based on Bureau of the Census estimated resident population as of July 1, 1980. [3] Households with service are sum of residence main, apartment house private branch exchange and residence service main telephones, and other residence private branch exchange systems. There tends to be a slight overstatement of the proportion of households with telephone service.

Source: U.S. Federal Communications Commission, *Statistics of Communications Common Carriers*, annual.

No. 941. Television Broadcast Industry Finances: 1960 to 1980

[For commercial stations only. Includes Puerto Rico and Virgin Islands. Net revenues are total time sales of all networks and stations, less commissions to agencies plus incidential revenues (eg. sale of talent and program material). See *Historical Statistics, Colonial Times to 1970*, series R 123-139]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Number of networks, Dec. 31	3	3	3	3	3	3	3	3	3	3
Number of stations reporting, Dec. 31	530	588	686	694	693	701	697	714	723	725
VHF	454	488	506	514	513	511	512	513	512	507
UHF	76	100	180	180	180	190	185	201	211	218
FINANCES (mil. dol.)										
Broadcast revenues, gross	1,504	2,328	3,337	4,479	4,860	6,191	7,000	8,286	9,365	10,477
Sales to advertisers	1,456	2,266	3,243	4,354	4,722	6,030	6,840	8,102	9,183	10,279
Network sales	747	1,142	1,551	2,005	2,157	2,675	3,242	3,726	4,311	4,808
National non-network sales	469	796	1,103	1,336	1,449	1,923	1,968	2,336	2,574	2,929
Local sales	240	328	589	1,012	1,116	1,432	1,631	2,040	2,298	2,542
Nonadvertising revenues	48	62	94	125	138	161	159	164	182	198
Broadcast revenues, net	1,269	1,965	2,808	3,781	4,094	5,198	5,889	6,950	7,875	8,808
3 networks [1]	641	1,024	1,457	1,921	2,069	2,604	3,085	3,549	4,093	4,566
Other stations	628	941	1,351	1,860	2,025	2,594	2,804	3,400	3,782	4,242
Broadcast expenses of networks and stations	1,025	1,517	2,354	3,043	3,314	3,948	4,488	5,297	6,185	7,154
3 networks [1]	546	862	1,290	1,590	1,755	2,150	2,530	2,989	3,517	4,031
Other stations	479	655	1,065	1,453	1,559	1,798	1,958	2,307	2,668	3,123
Broadcast income [2]	244	448	454	738	780	1,250	1,401	1,653	1,690	1,654
3 networks [1]	95	162	167	331	314	455	555	560	575	534
Other stations	149	286	286	406	466	796	846	1,094	1,115	1,119

[1] Includes owned and operated stations. [2] Before Federal income tax.

Source: U.S. Federal Communications Commission, *TV Broadcast Financial Data*, annual.

No. 942. Radio Broadcast Industry Finances: 1960 to 1980

[Minus sign (–) denotes loss. See headnote, table 941, and *Historical Statistics, Colonial Times to 1970*, series R 106-122]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
Number of networks, Dec. 31	4	4	7	7	7	7	7	8	8	8
Number of stations reporting, Dec. 31	3,688	4,279	4,898	5,436	5,535	5,638	5,619	5,748	5,769	5,878
AM and AM-FM	3,470	3,941	4,209	4,361	4,355	4,363	4,292	4,316	4,253	4,259
FM independents	218	338	464	678	703	713	741	777	835	904
FM affiliates of AM stations [1]	(NA)	(NA)	225	397	477	562	586	655	681	715
FINANCES (mil. dol.)										
Broadcast revenues, gross	665	880	1,272	1,774	1,911	2,247	2,535	2,935	3,198	3,577
Revenues from sales to advertisers	654	868	1,257	1,756	1,890	2,226	2,513	2,911	3,172	3,547
Network sales	45	54	49	60	73	92	118	126	139	158
National non-network sales	208	261	355	387	416	495	521	592	637	746
Local sales	401	553	853	1,309	1,401	1,639	1,873	2,192	2,397	2,643
Nonadvertising revenues	11	12	15	18	21	21	22	24	26	30
Broadcast revenues, net	598	793	1,137	1,603	1,725	2,019	2,275	2,635	2,874	3,206
AM and AM-FM [2]	592	777	1,077	1,410	1,480	1,687	1,846	2,065	2,177	2,343
FM independents	6	16	41	128	143	180	225	285	362	441
FM affiliates of AM stations [1]	(NA)	(NA)	19	65	102	152	203	285	336	422
Networks [3]	63	74	88	116	134	166	213	236	253	293
Other stations	535	719	1,049	1,487	1,591	1,853	2,062	2,399	2,621	2,913
Broadcast expenses of networks and stations	552	715	1,044	1,519	1,638	1,841	2,028	2,324	2,643	3,047
AM and AM-FM [2]	544	696	973	1,315	1,384	1,529	1,642	1,827	2,004	2,240
FM independents	8	19	47	141	152	176	216	262	348	437
FM affiliates of AM stations [1]	(NA)	(NA)	24	63	98	136	171	235	291	370
Networks [3]	66	71	90	116	128	157	166	193	215	265
Other stations	486	644	955	1,403	1,510	1,684	1,862	2,131	2,427	2,782
Broadcast income [4]	46	78	93	84	91	179	246	311	231	159
AM and AM-FM [2]	48	81	104	95	95	158	204	237	173	102
FM independents	–2	–3	–6	–13	–9	4	9	24	14	4
FM affiliates of AM stations [1]	(NA)	(NA)	–5	2	5	17	32	50	45	53
Networks [3]	–3	3	–1	–	6	9	47	44	37	27
Other stations	49	75	94	84	85	170	200	267	194	132

– Represents zero. NA Not available. [1] For 1960 and 1965, reports combined with AM stations. [2] Includes national networks. [3] Includes owned and operated stations. [4] Before Federal income tax.

Source: U.S. Federal Communications Commission, *AM-FM Broadcast Financial Data*, annual.

No. 943. Broadcast and Nonbroadcast Stations Authorized and Operators Licensed, by Class: 1975 to 1981

[1975 as of June 30; thereafter, as of Sept. 30. Includes Puerto Rico and Virgin Islands. See also *Historical Statistics, Colonial Times to 1970*, series R 140-148]

CLASS	1975	1980	1981
	STATIONS AUTHORIZED (1,000)		
Private radio services [1]	**2,602.4**	[2]**16,357.3**	**11,897.3**
Amateur and disaster	276.8	389.9	385.2
Personal	1,530.8	14,560.2	10,060.7
Aviation	184.4	231.6	234.9
Aircraft	154.7	196.8	199.2
Aeronautical and fixed	7.4	9.5	9.8
Civil air patrol	19.6	21.6	22.0
Other	2.7	3.7	3.9
Industrial	244.6	504.9	605.0
Power	17.5	23.1	25.3
Business	155.2	370.4	450.2
Petroleum	11.8	17.9	19.3
Forest products	4.3	6.4	6.4
Special industrial	40.7	72.1	86.0
Other	15.1	14.7	17.8
Land transportation	22.6	28.0	32.5
Railroad	8.9	10.0	10.8
Taxicab	3.7	4.8	5.6
Interurban property	2.2	3.1	4.1
Other	7.9	9.9	12.0
Marine	250.7	398.3	402.0
Ship	243.6	386.6	389.0
Alaskan	2.1	2.6	2.8
Coastal and other	5.0	9.1	10.2
Public safety	92.6	137.1	158.5
Police	28.8	42.3	46.2
Fire	14.0	20.6	24.6
Forestry conservation	6.2	7.6	8.2
Highway maintenance	7.7	9.7	10.8
Special emergency	12.4	22.4	28.8
Other	23.5	34.2	39.9
Operational fixed services [3]	(NA)	18.0	18.5

CLASS	1975	1980	1981
	STATIONS AUTHORIZED (number)		
Broadcast services [4]	**32,172**	**37,172**	**38,827**
Commercial AM	4,488	4,689	4,752
Commercial TV	759	844	884
Educational TV	256	288	292
TV translator	3,389	4,636	4,735
Auxiliary TV	3,032	5,844	6,517
Experimental TV	3	5	6
UHF signal booster	9	6	6
Aural, studio-transmitter-link, intercity relay	1,008	2,144	2,447
Commercial FM	2,847	3,390	3,522
Educational FM	850	1,156	1,177
International	*4*	*4*	*6*
Remote pickup	14,959	12,796	12,884
Instructional TV, fixed	187	223	235
Other	381	1,147	1,364
Common carrier services	**27,357**	**27,564**	**30,703**
Point-to-point microwave	8,133	9,164	9,317
Multipoint distribution serv	69	215	278
Local TV transmission	64	66	66
Rural radio	1,218	1,692	1,701
Developmental radio	(NA)	93	141
Public mobile [5]	17,783	11,451	13,309
International control, fixed	25	7	7
Satellite earth stations [6]	48	4,873	5,786
Satellites in orbit [6]	17	37	41
Other	(NA)	56	57
Experimental services	**1,349**	**1,513**	**1,446**
Cable TV relay service [4]	**877**	**1,880**	**2,202**
	RADIO OPERATORS (1,000)		
Total	**4,222**	**5,186**	**5,300**
Commercial	3,965	4,796	4,921
Amateur	257	390	379

NA Not available. [1] Each license, construction permit, or combination construction permit and license is counted as one station; therefore, a station might include a transmitter and many mobile units. [2] Includes 89,096 stations for which a breakdown by class is not available. [3] Includes microwave operations. Prior to 1980, data not separable from other class categories. [4] Stations licensed or holding construction permits. [5] Beginning 1980, station count excludes individual land mobile units, which are no longer individually licensed. [6] Includes Intelsat, Marisat and domestic satellite systems.

Source: U.S. Federal Communications Commission, *Annual Report*.

No. 944. Public Television Stations: 1961 to 1980

[Based on a "typical" broadcast week through 1972; calendar year data for 1974 and 1976; fiscal year data thereafter. General programing is directed at the general community. Instructional programing is directed at students in the classroom or otherwise in the general context of formal education]

ITEM	1961	1966	1968	1970	1972	1974	1976	1978	1980
Stations	56	115	[1]153	[1]190	220	[2]238	[3]253	272	281
Total weekly broadcast hours	**2,186**	**5,688**	[1]**8,534**	[1]**12,217**	**15,587**	**18,321**	**22,096**	**26,064**	**28,036**
General programs	1,431	3,248	4,671	7,697	7,904	10,868	14,329	17,929	19,508
Percent of total hours	65.5	57.5	54.7	63.0	50.7	59.3	64.8	68.8	69.6
Instructional programs	755	2,440	3,863	4,520	7,683	[1]7,453	[1]7,766	8,135	8,528
Average weekly broadcast hours per station	**39.0**	**49.5**	**56.1**	**65.3**	**70.9**	**80.7**	**90.9**	**95.8**	**99.8**
General programing	25.6	28.2	30.7	41.1	36.0	47.9	59.0	65.9	69.4
Instructional programing	13.8	21.2	25.4	24.2	34.9	[4]32.8	[4]31.9	29.9	30.4

[1] 152 stations reported in 1968 and 187 in 1970; details include data for reporting stations only. [2] Includes data for 227 stations only, representing 147 primary broadcasters; does not include secondary broadcasters. [3] Includes data for 243 stations only, representing 151 primary broadcasters. [4] Includes all material from Children's Television Workshop's.

Source: Through 1970, National Instructional Television Center, Bloomington, Ind., *One Week of Educational Television, 1970* (copyright); 1972, Corporation for Public Broadcasting, *One Week of Public TV*, April 1972, and unpublished data; 1974-1980, Corporation for Public Broadcasting, *PTV Programming Content by Category Report Series*, and unpublished data.

No. 945. Public Broadcasting Systems—Income by Source: 1972 to 1980

[In millions of dollars, except as indicated. Fiscal year data. Beginning 1976 includes nonbroadcast income]

Income source	1972	1974	1975	1976	1977	1978	1979	1980	Percent distribution		
									1972	1975	1980
Number of CPB-qualified public radio stations	132	159	169	176	182	199	210	217	(x)	(x)	(x)
Number of public TV stations	228	247	260	266	274	280	281	290	(x)	(x)	(x)
Total income	**234.3**	**298.0**	**369.8**	**415.8**	**482.1**	**552.3**	**598.8**	**704.9**	**100.0**	**100.0**	**100.0**
Federal government	59.8	67.0	92.3	112.6	135.3	160.8	163.1	192.5	25.5	25.0	27.3
State and local government	107.7	146.8	162.4	175.9	191.3	218.2	241.0	263.7	46.0	43.9	37.4
Subscribers and auction/marathon	17.6	31.5	42.3	55.4	63.7	75.2	86.1	102.3	7.5	11.4	14.5
Business and industry	(1)	18.3	25.1	29.4	40.0	49.0	57.9	72.4	(1)	6.8	10.3
Foundation	25.1	17.9	28.7	23.0	22.6	17.2	20.4	23.5	10.7	7.8	3.3
Other	[1] 24.1	16.3	19.0	19.5	29.3	32.0	30.2	50.4	[1] 10.3	5.1	7.2

X Not applicable. [1] Business and industry included in other.

Source: Corporation for Public Broadcasting, Washington, D.C., *Status Report of Public Broadcasting, 1980*, and unpublished data.

No. 946. Cable Television—Systems and Subscribers: 1952 to 1982

Year (As of Jan. 1)	Systems	Subscribers (1,000)	Year (As of Jan. 1)	Systems	Subscribers (1,000)	Subscriber size-group [1]	Systems, 1981 [2]
1952	70	14	1973	2,991	7,300	50,000 and over	26
1955	400	150	1974	3,158	8,700	20,000–49,999	179
1960	640	650	1975	3,506	9,800	10,000–19,999	301
1965	1,325	1,275	1976	3,681	10,800	5,000–9,999	469
1967	1,770	2,100	1977	3,832	11,900	3,500–4,999	340
1968	2,000	2,800	1978	3,875	13,000	1,000–3,499	1,375
1969	2,260	3,600	1979	4,150	14,100	500–999	816
1970	2,490	4,500	1980	4,225	16,000	250–499	565
1971	2,639	5,300	1981	4,375	18,300	Less than 250	508
1972	2,841	6,000	1982	4,825	21,000		

[1] Excludes 58 systems not available by subscriber size-group. [2] As of June 1, 1981.

Source: Television Digest, Inc., Washington, D.C., *Television Factbook*, annual. (Copyright.)

No. 947. Cable Television—Selected Characteristics: 1976 to 1980

[For **fiscal year** ending in **December of year shown**. Figures estimated based on financial entities reporting to the FCC. A financial entity is defined as one or more cable television community systems which report to the FCC as one business entity. Data adjusted for nonresponse]

Year	Communities (number)	Financial entities		Subscribers		Total assets (mil. dol.)	Operating revenues (mil. dol.)	Operating expenses (mil. dol.)	Operating income (mil. dol.)	Net income [1] (mil. dol.)	Pay cable revenue (mil. dol.)
		Total (number)	Percent reporting	Number (1,000)	Average rate per month (dol.)						
1976	7,198	2,349	84	12,636	6.49	2,516	1,000	616	384	58	41
1977	8,369	2,577	90	12,832	6.85	2,450	1,206	717	489	134	86
1978	8,200	2,865	90	14,114	7.03	2,871	1,511	918	593	137	192
1979	8,539	2,992	94	15,760	7.37	3,212	1,817	1,127	690	199	355
1980	8,678	2,868	96	16,913	7.69	4,443	2,238	1,439	799	168	575

[1] Before tax.

Source: U.S. Federal Communications Commission, *Cable Television Revenues*, annual.

No. 948. Radio and Television Stations Owned by Newspapers and/or Magazines: 1961 to 1981

Date	AM radio	FM radio	TV	Date	AM radio	FM radio	TV	Date	AM radio	FM radio	TV
1961, Sept. 1	412	147	161	1971, Dec. 1	318	209	176	1976, Dec. 1	322	238	209
1965, Oct. 31	391	170	174	1972, Dec. 1	325	171	178	1977, Dec. 1	314	238	211
1968, Dec. 4	381	191	183	1973, Dec. 1	304	211	179	1978, Dec. 1	319	252	221
1969, Dec. 1	394	245	189	1974, Dec. 1	321	236	193	1979, Dec. 1	318	257	226
1971, Feb. 1	402	248	191	1975, Dec. 1	320	238	197	1980, Dec. 1	315	264	230
								1981, Dec. 1	311	277	246

Source: Broadcasting Publications Inc., Washington, D.C., *Broadcasting Cablecasting Yearbook*. (Copyright.)

No. 949. Radios and Television Sets—Production and Imports, by Type: 1960 to 1981

[In thousands, except percent]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981
RADIOS [1]												
Total	**24,463**	**41,726**	**44,427**	**50,198**	**43,992**	**34,515**	**44,101**	**52,926**	**48,035**	**40,029**	**39,574**	**44,359**
Percent FM/AM-FM	(NA)	15.2	48.0	47.9	59.4	65.0	59.6	65.9	66.7	68.6	77.9	78.8
Table model	4,511	4,370	5,714	3,023	2,764	2,253	2,876	1,990	1,805	1,250	938	1,067
Percent FM/AM-FM	16.8	32.0	72.8	83.6	81.7	80.6	66.4	54.5	61.3	72.5	59.3	58.0
Clock model	3,780	5,448	4,874	10,425	9,174	6,641	7,353	11,447	11,488	9,354	9,445	9,782
Percent FM/AM-FM	4.1	16.0	53.8	72.7	79.1	89.1	85.8	89.4	92.3	93.4	97.6	97.9
Portable model	9,740	21,871	23,461	24,204	21,292	16,382	21,427	26,599	22,074	17,044	17,721	20,627
Percent FM/AM-FM	1.4	15.7	55.9	42.9	61.9	68.4	55.4	61.4	59.0	63.7	68.6	70.2
Auto model	6,432	10,037	10,378	12,546	10,762	9,239	12,445	12,890	12,668	12,381	11,470	12,883
Percent FM/AM-FM	(NA)	6.3	13.8	28.3	31.8	37.7	49.7	56.0	57.7	56.1	77.5	79.8
TELEVISION SETS [2]												
Total	**5,708**	**11,028**	**9,483**	**17,367**	**15,279**	**10,637**	**14,131**	**15,431**	**17,407**	**16,619**	**18,532**	**18,479**
Monochrome sets	**[3] 5,708**	**[3] 8,382**	**4,852**	**7,296**	**6,868**	**4,418**	**5,937**	**6,090**	**6,733**	**6,576**	**6,729**	**6,056**
Table and portable	3,274	6,956	4,463	7,049	6,732	4,354	5,863	6,033	6,706	6,559	6,714	6,056
Console	2,211	1,318	389	247	136	64	74	57	27	17	15	([3])
Color sets [4]	(NA)	**2,646**	**4,631**	**10,071**	**8,411**	**6,219**	**8,194**	**9,341**	**10,674**	**10,043**	**11,803**	**12,423**
Table and portable	(NA)	(NA)	2,495	6,700	5,698	4,186	5,765	6,722	7,913	7,727	9,373	9,851
Console	(NA)	(NA)	2,018	3,313	2,674	2,008	2,377	2,591	2,739	2,295	2,430	2,572

NA Not available. [1] Products of U.S. manufacturers and imports by distributors or dealers for resale. Beginning 1973, also includes products purchased by U.S. manufacturers. [2] Products produced or purchased by U.S. manufacturers for sale with their brand name. Beginning 1973, also includes products imported directly by distributors or dealers for resale. [3] For 1960 and 1965, includes combinations; beginning 1981 consoles; not available separately, included in table and portable. [4] 1965–1979 total includes combinations; beginning 1980, included with consoles.

Source: Electronic Industries Association, Washington, D.C., *Electronic Market Data Book*, annual. (Copyright.)

No. 950. Publishing Industry—Summary: 1967 to 1977

[In millions of dollars, except as noted. Based on the censuses of manufactures; for details, see Appendix III]

ITEM	NEWSPAPERS			PERIODICALS			BOOKS		
	1967	1972	1977	1967	1972	1977	1967	1972	1977
Establishments, number	8,094	8,116	8,867	2,510	2,535	2,994	1,022	1,205	1,745
With 20 or more employees	2,029	2,120	2,147	454	453	525	287	307	346
Employees [1] (1,000)	336	350	349	79	67	70	52	57	60
Payroll	2,224	3,168	4,306	634	709	1,020	390	558	830
Value of receipts	5,757	8,263	13,056	3,096	3,511	6,057	2,135	2,857	4,794
Cost of materials	1,574	2,044	3,539	1,234	1,404	2,289	763	960	1,544
Value added by manufacture [2]	4,185	6,220	9,519	1,869	2,110	3,763	1,457	1,936	3,262
New capital expenditures	247	360	554	58	57	86	55	48	78
Fixed assets, gross value	2,627	3,639	5,026	607	588	725	338	512	680
Inventories, yearend	163	153	382	165	198	350	573	629	992

[1] Represents the average number of production workers plus the number of other employees in mid-March. [2] Derived by subtracting the cost of materials, supplies, containers, fuel, purchased electricity, and contract work from the value of shipments. This result is then adjusted by the addition of value added by merchandising operations, plus the net change in finished goods and work-in-process inventories between the beginning and the end of the year.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1977*, Industry Reports, series MC 77-I-27A.

No. 951. Newspapers and Periodicals: 1950 to 1982

[Prior to 1960, excludes Alaska and Hawaii. Data refer to year of compilation of the Directory cited as the source, i.e., generally to year preceding year shown. See also *Historical Statistics, Colonial Times to 1970*, series R 232-243]

ITEM	1950	1955	1960	1965	1970	1975	1978	1979	1980	1981	1982
Newspapers [1]	**12,115**	**11,415**	**11,315**	**11,383**	**11,383**	**11,400**	**10,538**	**9,827**	**9,620**	**9,676**	**9,183**
Semiweekly	337	324	324	357	423	506	569	543	537	508	498
Weekly	9,794	9,126	8,979	8,989	8,903	8,824	7,980	7,357	7,159	7,238	6,806
Daily	1,894	1,860	1,854	1,843	1,838	1,819	1,783	1,744	1,744	1,747	1,712
Periodicals [1]	**6,960**	**7,648**	**8,422**	**8,990**	**9,573**	**9,657**	**9,582**	**9,719**	**10,236**	**10,873**	**10,688**
Weekly	1,443	1,602	1,580	1,716	1,856	1,918	1,827	1,764	1,716	1,921	1,672
Semimonthly [2]	416	503	527	550	589	537	541	594	645	667	689
Monthly	3,694	3,782	4,113	4,195	4,314	4,087	3,846	3,850	3,985	4,199	4,078
Bimonthly	436	608	743	876	957	1,009	1,031	1,043	1,114	1,193	1,237
Quarterly	604	674	895	1,030	1,108	1,093	1,172	1,261	1,444	1,484	1,554

[1] Includes other not shown separately. [2] Includes fortnightly (every two weeks).

Source: IMS Press, Fort Washington, Pa., *Ayer Directory Publications*, annual. (Copyright.)

No. 952. Newsprint Consumption and Newspaper Pages: 1960 to 1981

[Consumption data for 1960 thru 1970 are predominately 32 lb. basis weight; beginning with 1975, data predominately 30 lb. basis weight. Metric ton = 1.102 short tons. See table 1251 for additional newsprint data. See also *Historical Statistics, Colonial Times to 1970,* series R 218-223]

ITEM	Unit	1960	1965	1970	1975	1977	1978	1979	1980	1981
Newsprint consumption, total [1]	Mil. metric ton	6.7	7.8	8.8	8.4	9.3	9.9	10.2	10.1	10.2
Per capita [2]	Pound	77.4	82.8	89.5	86.3	92.8	98.2	99.7	97.7	97.7
By daily newspapers [3]	Mil. metric ton	5.8	6.7	7.3	6.8	7.2	7.6	7.9	7.8	7.8
Advertising content [4]	Percent	59.4	60.5	61.5	63.7	[5]63.1	[5]63.4	[5]63.7	[5]62.6	(NA)
Other content [4]	Percent	40.6	39.5	38.5	36.3	[5]36.9	[5]36.6	[5]36.3	[5]37.4	(NA)
Price per metric ton [6]	Dollar	144	144	179	287	336	353	413	470	500
Newspaper pages per issue: [5]										
Daily	Number	43	50	47	57	54	[4]60	[4]64	66	64
Sunday	Number	142	167	145	180	177	[4]196	[4]207	208	210

NA Not available. [1] Estimated. [2] Based on U.S. Bureau of the Census estimated resident population as of July 1. [3] Estimated. 1981 preliminary. [4] Based on data from Media Records, Inc. [5] Source: Editor & Publisher Co., Inc., New York, N.Y., *Editor & Publisher,* weekly (copyright). [6] General prices in the eastern U.S. in effect at end of year.

Source: Except as noted, American Newspaper Publishers Association, Reston, Va., *Newsprint Statistics,* annual.

No. 953. Number and Circulation of Daily and Sunday Newspapers: 1950 to 1981

[Prior to 1960, excludes Alaska and Hawaii. Number of newspapers as of the following dates: **1950-1960, Oct. 1; 1965, Jan. 1; 1970-1981, Feb. 1** of the following year, except 1977, as of **Mar. 30** the following year. Circulation figures as of **Sept. 30,** except **1950-1965** as of **Oct. 1.** For English language newspapers only. See *Historical Statistics, Colonial Times to 1970,* series R 224-231]

ITEM	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981
NUMBER OF NEWSPAPERS												
Daily: Total [1]	1,772	1,760	1,763	1,751	1,748	1,756	1,762	1,753	1,756	1,763	1,745	1,730
Morning	322	316	312	320	334	339	346	352	355	382	387	408
Evening	1,450	1,454	1,459	1,444	1,429	1,436	1,435	1,435	1,419	1,405	1,388	1,352
Sunday	549	541	563	562	586	639	650	668	696	720	736	755
CIRCULATION (mil.)												
Daily: Total [1]	53.8	56.1	58.9	60.4	62.1	60.7	61.0	61.5	62.0	62.2	62.2	61.4
Morning	21.3	22.2	24.0	24.1	25.9	25.5	25.9	26.7	27.7	28.6	29.4	30.6
Evening	32.6	34.0	34.9	36.3	36.2	35.2	35.1	34.8	34.3	33.6	32.8	30.9
Sunday	46.6	46.4	47.7	48.6	49.2	51.1	51.6	52.4	54.0	54.4	54.7	55.2

[1] Beginning 1955, all-day newspapers are counted in both morning and evening columns but only once in total. Circulation is divided equally between morning and evening.

No. 954. Number and Circulation of Daily Newspapers by Population-Size Class of City: 1955 to 1981

[Prior to 1960 excludes Alaska and Hawaii. Number of newspapers for **1955** and **1960** as of **Oct. 1; 1970-1981** as of **February 1** the following year. Circulation as of **Sept. 1,** except **1955** and **1960** as of Oct. 1. For English language newspapers only. See table 25 for number of cities by population size]

TYPE OF DAILY AND POPULATION-SIZE CLASS	NUMBER [1]						NET PAID CIRCULATION [1] (1,000)					
	1955	1960	1970	1975	1980	1981	1955	1960	1970	1975	1980	1981
Morning dailies in cities of:												
1,000,001 or more	16	16	15	14	20	20	7,202	7,935	7,667	7,159	8,795	9,033
500,001 to 1,000,000	20	22	26	25	27	21	3,918	4,638	5,747	5,581	5,705	4,652
100,001 to 500,000	77	85	91	89	99	115	6,621	7,613	8,169	7,836	8,996	10,607
50,001 to 100,000	62	64	65	69	75	78	2,279	2,278	2,220	2,619	2,973	3,074
25,001 to 50,000	58	54	59	67	64	64	973	949	1,317	1,422	1,701	1,741
Less than 25,000	86	71	78	75	102	110	714	646	814	874	1,243	1,445
Evening dailies in cities of:												
1,000,001 or more	19	17	12	12	11	9	5,742	5,021	4,716	4,156	2,984	2,299
500,001 to 1,000,000	24	26	24	24	23	18	4,856	5,375	4,807	4,573	4,101	2,641
100,001 to 500,000	105	116	129	127	123	128	9,251	9,676	10,034	8,918	8,178	8,917
50,001 to 100,000	119	158	178	175	156	152	3,540	4,501	5,221	5,379	4,896	4,692
25,001 to 50,000	228	256	250	248	246	262	3,859	4,345	4,766	4,898	5,106	5,266
Less than 25,000	955	886	836	850	829	783	6,118	5,993	6,687	7,242	7,523	7,064

[1] All day newspapers are counted in both morning and evening columns; circulation is divided equally between morning and evening.

Source of tables 953 and 954: Editor & Publisher Co., Inc., New York, N.Y. *Editor & Publisher International Yearbook,* annual. (Copyright.)

No. 955. Daily and Sunday Newspapers—Number and Circulation, by States: 1981

[Number of newspapers as of **Feb. 1** of the following year. Circulation figures as of **Sept. 30.** For English language newspapers only.]

State	Daily			Sunday	
	Number	Circulation [1]		Number	Net paid circulation (1,000)
		Net paid (1,000)	Per capita [2]		
Total	**1,730**	**61,431**	**.268**	**755**	**55,180**
Ala	28	740	.189	21	692
Alaska	8	116	.282	2	90
Ariz	18	620	.222	10	607
Ark	32	488	.213	17	487
Calif	124	5,968	.247	51	5,524
Colo	27	921	.311	10	950
Conn	25	896	.286	10	755
Del	3	152	.254	2	145
D.C	1	663	1.051	1	890
Fla	52	2,645	.260	33	2,781
Ga	37	1,014	.182	15	991
Hawaii	6	247	.252	3	410
Idaho	14	213	.222	7	192
Ill	76	2,755	.240	24	2,699
Ind	76	1,629	.298	18	1,202
Iowa	41	868	299	9	733
Kans	47	580	.243	18	494
Ky	26	746	.204	11	602
La	25	794	.184	16	825
Maine	9	292	.258	1	123
Md	16	767	.180	4	639
Mass	46	2,025	.351	10	1,596
Mich	52	2,463	.268	15	2,400
Minn	30	1,007	.246	11	1,001
Miss	25	400	.158	13	326
Mo	49	1,511	.306	18	1,392
Mont	11	201	.253	8	202
Nebr	19	485	.308	6	413
Nev	8	230	.272	5	235
N.H	9	199	.213	2	81
N.J	26	1,687	.228	17	1,680
N. Mex	20	281	.212	14	259
N.Y	78	8,036	.457	35	5,912
N.C	55	1,366	.229	25	1,151
N. Dak	10	194	.295	4	116
Ohio	95	3,280	.304	29	2,841
Okla	53	843	.272	43	873
Oreg	21	686	.259	7	629
Pa	98	3,298	.278	19	2,611
R.I	7	314	.329	2	239
S.C	19	607	.192	8	506
S.Dak	12	170	.248	4	123
Tenn	30	1,063	.230	16	1,011
Tex	116	3,451	.234	97	3,975
Utah	6	283	.186	5	282
Vt	8	118	.229	3	79
Va	38	1,155	.213	15	873
Wash	27	1,172	.278	17	1,146
W. Va	25	466	.239	10	400
Wis	36	1,222	.258	10	922
Wyo	10	102	.207	4	75

[1] Circulation figures based on the principal community served by a newspaper which is not necessarily the same location as the publisher's office. [2] Per capita based on total resident population estimated as of *July 1, 1981.*

Source; Editor & Publisher Co., Inc., New York, N.Y., *Editor & Publisher International Year Book,* annual. (Copyright.)

No. 956. Copyright Registration, by Subject Matter: 1970 to 1981

[**In thousands.** For years ending **June 30,** except beginning **1978,** ending **Sept. 30.** Comprises claims to copyright registered for both U.S. and foreign works. See also *Historical Statistics, Colonial Times to 1970,* series W 82-95]

Subject matter of copyright	1970	1975
Total	**316.5**	**401.3**
Books	88.4	111.9
Periodicals (issues)	83.9	95.1
Contributions to newspapers, periodicals	1.9	2.6
Lectures, sermons, addresses	1.7	1.9
Dramatic or dramatico-musical compositions	3.4	4.9
Musical compositions	88.9	114.8
Maps	*1.9*	*1.8*
Works of art, models, or designs	6.8	11.0
Reproductions of works of art	3.0	5.0
Scientific or technical drawings	.8	.9
Photographs, prints, and illustrations	4.5	6.6
Commercial prints and labels	5.3	4.7
Motion picture photoplays	1.2	1.0
Motion pictures not photoplays	1.3	2.0
Sound recordings [1]	(x)	8.9
Renewals of all classes	23.3	28.2

Subject matter of copyright	1978 [2]	1979	1980	1981
Total [3]	**415.7**	**429.0**	**464.7**	**471.1**
Monographs	112.9	122.8	119.2	119.0
Serials	110.9	109.6	117.9	118.5
Musical works	114.8	108.3	120.2	125.0
Dramatic works, including any accompanying music	6.1	7.1	8.0	8.8
Choreography and pantomimes	(z)	(z)	(z)	(z)
Motion pictures and filmstrips	8.5	5.7	8.5	7.8
Two dimensional works of fine *and graphic art, including prints* and art reproductions	12.8	12.7	16.2	15.1
Sculptural works	.8	2.4	2.9	2.5
Technical drawings and models	1.0	1.5	.8	.7
Photographs	1.4	1.2	1.2	1.3
Cartographic works	1.2	1.7	.8	.9
Commercial prints and labels	7.8	2.6	4.7	6.7
Works of applied art	6.1	13.2	14.2	12.5
Sound recordings	9.1	10.7	12.8	13.5
Multimedia works	.6	1.3	2.0	2.1
Machine readable works	.6	1.2	1.9	2.1
Renewals	21.2	27.0	33.0	34.2

X Not applicable. Z Less than 50. [1] Registrations began in 1972. [2] Extrapolated from 11 months. Includes 50,000 registrations in-process but not completed on Sept. 30, 1978. [3] Due to a change in the copyright law, data for 1978 and later years are not comparable with previous years.

Source: The Library of Congress, *Annual Report.*

No. 957. New Books and New Editions Published, by Subject: 1960 to 1981

[Prior to 1979, book entries comprise all titles submitted for listing in Bowker's *Weekly Record* during calendar year. Beginning 1979, covers listings in year shown, plus titles issued in that year which were listed in following six months. Comprises new books (published for first time) and new editions (with changes in text or format). Excludes government publications; books sold only by subscription; dissertations; periodicals and quarterlies; and pamphlets under 49 pages. 1960 data not strictly comparable with later years due to changes in classifications. See also *Historical Statistics, Colonial Times to 1970*, series R 191-216]

SUBJECT	1960	1965	1970	1975	1979	1980	1981		
							Total	New books	New editions
Total	**15,012**	**28,595**	**36,071**	**39,372**	**45,182**	**42,377**	**[1] 48,793**	**41,434**	**7,359**
Agriculture	156	270	265	456	538	461	474	398	76
Art	470	974	1,169	1,561	2,021	1,691	1,693	1,458	235
Biography	879	685	1,536	1,968	2,042	1,891	1,860	1,481	379
Business	305	537	797	820	1,362	1,185	1,342	1,040	302
Education	348	954	1,178	1,038	1,121	1,011	1,172	1,020	152
Fiction	2,440	3,241	3,137	3,805	3,264	2,835	5,655	5,003	652
General reference	282	634	846	1,113	1,471	1,643	1,743	1,514	229
History	865	1,682	1,995	1,823	2,160	2,220	2,321	1,856	465
Home economics	197	300	321	728	897	879	1,108	957	151
Juvenile	1,725	2,895	2,640	2,292	3,052	2,859	3,102	2,901	201
Language	228	527	472	438	560	529	761	649	112
Law	394	436	604	915	1,218	1,102	1,448	1,132	316
Literature	736	1,686	3,085	1,904	1,749	1,686	1,777	1,521	256
Medicine	520	1,218	1,476	2,282	3,257	3,292	3,788	3,163	625
Music	98	300	404	305	389	357	398	297	101
Philosophy, psychology	480	979	1,280	1,374	1,377	1,429	1,465	1,221	244
Poetry, drama	492	994	1,474	1,501	1,361	1,179	1,183	1,063	120
Religion	1,104	1,855	1,788	1,773	2,325	2,055	2,278	1,931	347
Science	1,089	2,562	2,358	2,942	3,156	3,109	3,375	2,798	577
Sociology, economics	754	3,242	5,912	6,590	7,715	7,152	7,801	6,679	1,122
Sports, recreation	286	591	799	1,225	1,122	971	1,264	1,099	165
Technology	698	1,153	1,141	1,720	2,391	2,337	2,313	1,877	436
Travel	466	883	1,394	794	634	504	472	376	96

[1] Increase is due in part to a major improvement in the recording of paperbound books.

Source: R. R. Bowker Co., New York, N.Y., *Publishers Weekly*. (Copyright by Xerox Corporation.)

No. 958. Books and Periodicals—Average Retail Prices: 1975 to 1981

[See headnote, table 957]

SUBJECT	BOOKS (per vol.)				SUBJECT	PERIODICALS [5]			
	1975	1979	1980	1981 prel.		1975	1980	1981	1982
Hard cover books [1]	**$16.19**	**$23.96**	**$24.64**	**$25.48**	**Total**	**$19.94**	**$34.54**	**$39.13**	**$44.80**
Agriculture	13.72	20.94	27.55	32.35	Agriculture	9.70	15.24	17.24	19.76
Art	17.90	21.95	27.70	32.18	Business and economics	15.26	25.42	28.88	32.67
Biography	14.09	17.52	19.77	22.10	Chemistry and physics	76.84	137.45	156.30	177.94
Business	16.54	23.11	22.45	21.02	Children's periodicals	4.69	7.85	8.56	9.90
Economics [2]	21.65	43.57	31.76	27.53	Education	14.72	23.45	25.18	28.18
Education	10.81	15.10	17.01	18.47	Engineering	26.64	49.15	54.55	61.54
Fiction	8.31	11.99	12.46	13.38	Fine and applied arts	11.09	18.67	20.51	23.35
General reference	21.60	28.56	29.84	33.43	History	11.14	15.77	17.96	20.37
History	15.85	19.79	22.78	22.65	Home economics	14.24	24.63	27.34	34.27
Home economics	10.27	11.95	13.31	15.63	Industrial arts	10.59	20.70	22.62	27.13
Juveniles	5.82	7.14	8.16	8.29	Journalism, communications	14.70	27.34	29.80	33.91
Language	15.80	18.25	22.16	23.14	Labor and industrial relations	7.40	18.84	21.68	24.72
Law	23.22	29.44	33.25	33.01	Law	15.00	23.00	24.80	27.53
Literature	14.89	17.64	18.70	19.33					
Medicine	22.15	29.27	34.28	35.83	Library science	14.18	23.25	28.47	33.52
Music	14.83	18.93	21.79	24.99	Literature and languages	10.41	15.30	17.30	19.39
Philosophy, psychology	12.75	17.98	21.70	22.07	Mathematics, botany, geology, and general science	35.95	67.54	75.62	87.99
Poetry and drama	10.76	15.83	17.85	19.86	Medicine	42.38	73.37	86.38	102.87
Religion	11.16	14.83	17.61	16.97	Philosophy and religion	9.05	14.73	15.40	17.92
Science	22.81	30.59	37.45	40.27	Physical education and recreation.	7.80	13.83	15.42	16.91
Sports [3]	10.97	13.88	15.92	18.68					
Technology	19.66	27.82	33.64	36.33	Political science	12.79	19.30	22.69	25.89
Travel	15.43	15.02	16.80	19.45	Psychology	27.51	41.95	47.27	54.21
					Sociology and anthropology	14.85	27.56	31.37	36.38
Paperbacks:					Zoology	27.37	44.58	48.32	61.07
Mass market [4]	1.46	2.08	(NA)	2.65	General interest periodicals	14.36	19.87	21.83	23.93
Trade or higher	5.24	7.21	8.60	9.70					

NA Not available. [1] Excludes publications of U.S., and other governmental units; books sold only by subscription and dissertations. [2] Includes sociology. [3] Includes recreation. [4] "Pocket-sized" books sold primarily through magazine and news outlets, supermarkets, variety stores, etc. [5] Average annual subscription prices.

Source: R. R. Bowker Co., New York, N.Y., books, *Publishers Weekly*; periodicals, *Bowker Annual of Library and Book Trade Information*, and *Library Journal*, Sept. 1982. (Copyright by Xerox Corporation.)

No. 959. Quantity of Books Sold and Value of U.S. Domestic Consumer Expenditures, by Type of Publication and by Market Area: 1974 to 1980

[Includes all titles released by publishers in the U.S. and imports which appear under the imprints of American publishers. Multi-volume sets, such as encyclopedias, are counted as one unit]

Item	Units sold (millions)					Consumer expenditures (mil. dol.)				
	1974	1977	1978	1979	1980	1974	1977	1978	1979	1980
Total	**1,411**	**1,529**	**1,609**	**1,644**	**1,693**	**3,954**	**5,762**	**6,612**	**7,309**	**8,224**
TYPE OF PUBLICATION										
Trade	272	287	323	327	389	897	1,265	1,506	1,629	1,984
Adult	187	194	217	226	268	711	1,033	1,239	1,345	1,640
Hardbound	107	111	128	130	152	548	763	913	977	1,161
Juvenile	85	93	106	101	121	186	232	267	284	344
Hardbound	50	53	54	59	64	161	188	201	222	251
Religious	62	106	112	108	99	206	401	432	480	519
Hardbound	28	44	44	41	37	160	281	299	332	346
Professional	46	51	50	53	52	441	645	775	868	998
Hardbound	24	29	28	29	29	351	509	613	686	796
Bookclubs	196	212	231	221	211	287	396	455	493	524
Hardbound	59	57	61	64	66	215	286	327	368	404
University Press	8	7	8	8	9	49	58	65	71	82
Hardbound	4	3	4	4	4	39	44	49	54	60
Elhi text [1]	270	247	252	261	251	605	739	817	913	936
Hardbound	108	92	92	100	95	351	405	440	504	504
College text [1]	83	84	89	92	96	482	720	828	926	1,075
Hardbound	56	54	57	60	63	377	553	636	716	805
Mail order publications	30	40	43	46	51	253	405	452	499	578
Mass market paperbacks	443	494	500	527	534	477	860	965	1,073	1,208
Subscription reference	1	1	1	1	1	257	273	317	357	322
MARKET AREA										
General retailers	533	618	664	682	736	1,150	1,889	2,221	2,542	3,028
College stores	183	197	201	189	197	685	1,047	1,199	1,231	1,437
Libraries and institutions	59	66	70	72	73	323	486	556	605	660
Schools	304	301	305	319	308	771	954	1,053	1,177	1,222
Direct to consumers	262	300	317	320	315	960	1,305	1,488	1,659	1,769
Other	70	47	52	61	63	65	81	95	94	108

[1] Elementary, high school, and college workbooks, manuals, reprints, and objective tests included in paperbound.

Source: Book Industry Study Group, Inc., Darien, Conn., *Book Industry Trends,* 1981. (Copyright.)

No. 960. Books—Imports and Translations into English: 1979 to 1981

[Data on 18 month basis. See headnote, table 957. Imports cover all books printed abroad and distributed in U.S. on exclusive basis]

Subject	Imports			Subject	Imports			Language	Translations		
	1979	1980	1981, prel.		1979	1980	1981, prel.		1979	1980	1981, prel.
Imports, total	**5,458**	**5,390**	**3,830**	**Imports**—Con.				**Translations, total**	**1,660**	**1,353**	**1,286**
Agriculture	117	104	65	Law	91	112	82				
Art	230	157	124	Literature	194	183	124				
Biography	173	126	79	Medicine	540	671	455	French	315	228	220
Business	79	74	46	Music	34	35	28	German	300	228	247
Education	169	133	93	Philosophy, psychology	152	218	148	Italian	60	62	59
				Poetry, drama	139	120	97	Oriental	75	51	61
Fiction	71	71	56	Religion	136	94	73	Russian	159	106	81
General works	150	132	104	Science	890	1,069	752	Scandinavian	35	38	31
History	299	296	186	Sociology, economics	1,236	1,050	835	Spanish	61	40	49
Home economics	51	40	9	Sports, recreation	125	85	52	Other	655	600	538
Juvenile	43	58	32	Technical books	328	373	283				
Language	137	134	75	Travel	74	55	32				

Source: R. R. Bowker Co., New York, N.Y., *Publishers Weekly,* March 12, 1982. (Copyright by Xerox Corporation.)

No. 961. Advertising—Estimated Expenditures: 1950 to 1981

[In millions of dollars. See also *Historical Statistics, Colonial Times to 1970*, series T 444-446]

YEAR	Total	National	Local	YEAR	Total	National	Local	YEAR	Total	National	Local
1950	5,700	3,260	2,440	1970	19,550	11,350	8,200	1976	33,690	18,555	15,135
1955	9,150	5,380	3,770	1971	20,740	11,775	8,965	1977	37,920	20,850	17,070
1960	11,960	7,305	4,655	1972	23,300	13,030	10,270	1978	43,950	24,025	19,925
1965	15,250	9,340	5,910	1973	25,120	13,775	11,345	1979	49,560	27,080	22,480
1968	18,090	10,800	7,290	1974	26,820	14,810	12,010	1980	54,480	30,290	24,190
1969	19,420	11,400	8,020	1975	28,160	15,340	12,820	1981, prel	61,320	34,280	27,040

Source: McCann-Erickson, Inc., New York, N.Y. Compiled for Crain Communications, Inc. In *Advertising Age* (copyright).

No. 962. Advertising—Indexes of National Advertising Expenditures, by Medium: 1950 to 1981

[1967=100. Based on the average monthly expenditure for those major media which give national coverage. See also *Historical Statistics, Colonial Times to 1970*, series T 472-484]

MEDIUM	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981
General index	**25**	**49**	**67**	**90**	**112**	**146**	**183**	**210**	**241**	**276**	**307**	**362**
Network television	6	38	56	85	114	158	196	238	273	316	353	383
Spot television	3	26	53	90	125	164	218	223	261	291	330	379
Magazines	38	56	73	93	104	118	144	174	209	236	253	284
Weeklies	40	61	81	94	95	94	115	139	178	204	218	246
Women's	46	57	65	95	107	130	162	200	238	259	277	303
Monthlies	28	43	64	90	120	155	187	222	246	280	304	347
Newspapers	61	84	92	93	105	144	178	198	211	246	279	323

Source: McCann-Erickson, Inc., New York, N.Y. Compiled for Crain Communications, Inc. In *Advertising Age* (copyright).

No. 963. Advertising—Estimated Expenditures, by Medium: 1965 to 1981

[In millions of dollars, except percent. See text, page 551 for a discussion of types of advertising. See also *Historical Statistics, Colonial Times to 1970*, series R 106-109, R 123-126, and T 444-471]

MEDIUM	EXPENDITURES								PERCENT				
	1965	1970	1975	1977	1978	1979	1980	1981, prel.	1965	1970	1975	1980	1981, prel.
Total	**15,250**	**19,550**	**28,160**	**37,920**	**43,950**	**49,560**	**54,480**	**61,320**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**
National	9,340	11,350	15,340	20,850	24,025	27,080	30,290	34,280	61.2	58.1	54.5	55.6	55.9
Local	5,910	8,200	12,820	17,070	19,925	22,480	24,190	27,040	38.8	41.9	45.5	44.4	44.1
Newspapers	4,426	5,704	8,442	11,132	12,707	14,493	15,541	17,420	29.0	29.2	30.0	28.5	28.4
National	784	891	1,221	1,677	1,787	2,085	2,353	2,729	5.1	4.6	4.3	4.3	4.4
Local	3,642	4,813	7,221	9,455	10,920	12,408	13,188	14,691	23.9	24.6	25.7	24.2	24.0
Magazines	1,161	1,292	1,465	2,162	2,597	2,932	3,149	3,533	7.6	6.6	5.2	5.8	5.8
Weeklies	610	617	612	903	1,158	1,327	1,418	1,598	4.0	3.2	2.2	2.6	2.6
Women's	269	301	368	565	672	730	782	853	1.8	1.5	1.3	1.4	1.4
Monthlies	282	374	485	694	767	875	949	1,082	1.8	1.9	1.7	1.8	1.8
Farm publications	71	62	74	90	104	120	130	146	.5	.3	.3	.2	.2
Television	2,515	3,596	5,263	7,612	8,955	10,154	11,366	12,650	16.5	18.4	18.7	20.9	20.6
Network	1,237	1,658	2,306	3,460	3,975	4,599	5,130	5,575	8.1	8.5	8.2	9.4	9.1
Spot	892	1,234	1,623	2,204	2,607	2,873	3,269	3,730	5.9	6.3	5.8	6.0	6.1
Local	386	704	1,334	1,948	2,373	2,682	2,967	3,345	2.5	3.6	4.7	5.5	5.4
Radio	917	1,308	1,980	2,634	3,052	3,310	3,702	4,212	6.0	6.7	7.0	6.8	6.9
Network	60	56	83	137	147	161	183	220	.4	.3	.3	.4	.4
Spot	275	371	436	546	620	665	779	896	1.8	1.9	1.5	1.4	1.5
Local	582	881	1,461	1,951	2,285	2,484	2,740	3,096	3.8	4.5	5.2	5.0	5.0
Direct mail	2,324	2,766	4,124	5,164	5,987	6,653	7,596	8,781	15.2	14.1	14.6	13.9	14.3
Business papers	671	740	919	1,221	1,400	1,575	1,674	1,841	4.4	3.8	3.3	3.1	3.0
Outdoor	180	234	335	418	466	540	578	650	1.2	1.2	1.2	1.1	1.1
National	120	154	220	290	307	355	364	419	.8	.8	.8	.7	.7
Local	60	80	115	128	159	185	214	231	.4	.4	.4	.4	.4
Miscellaneous	2,985	3,848	5,558	7,487	8,682	9,783	10,744	12,087	19.6	19.7	19.7	19.7	19.7
National	1,745	2,126	2,869	3,899	4,494	5,062	5,663	6,410	11.5	10.9	10.2	10.4	10.4
Local	1,240	1,722	2,689	3,588	4,188	4,721	5,081	5,677	8.1	8.8	9.5	9.3	9.3

Source: McCann-Erickson, Inc., New York, N.Y. Compiled for Crain Communications, Inc. In *Advertising Age* (copyright). Percentages derived by U.S. Bureau of the Census.

No. 964. Television—Expenditures for Network Advertising: 1975 to 1981

[**In millions of dollars.** See text, page 551 for a definition of network advertising]

TYPE OF PRODUCT	1975	1979	1980	1981
Expenditures	**2,431**	**4,697**	**5,147**	**5,593**
Apparel, footwear, and accessories	55	125	131	156
Automotive	235	492	520	508
Beer and wine	70	245	242	267
Bldg. material, equip., fixtures	24	57	59	71
Confectionery, soft drinks	85	241	281	283
Consumer services	51	138	178	191
Dept. and discount stores	56	82	94	111
Entertainment and amusement	66	207	235	254
Food and food products	403	775	844	916
Gas, lubricants, etc.	44	55	71	79
Horticulture	7	12	15	14
Household equip., supplies, and furnishings	134	223	225	252
Insurance	40	70	74	76
Jewelry and cameras [1]	42	120	119	129
Laundry soaps, cleansers, and polishes	204	295	306	314
Office equip., stationery, and supplies	22	48	57	86
Pet products	67	145	144	142
Proprietary medicines	273	395	430	489
Publishing and media	8	26	34	39
Records, tapes, radios, and TV sets	17	55	50	101
Tobacco products and supplies	20	9	8	15
Toiletries and toilet goods	415	661	765	852
Toys and sporting goods	49	93	102	114
Travel, hotels, and resorts	21	55	53	57
All other	23	73	110	77

[1] Includes optical goods.

No. 965. Television—Estimated Time Charges for Spot Advertising: 1975 to 1981

[**In millions of dollars.** Data represent activity in the 75 markets monitored by Broadcast Advertisers Reports, Inc. (BAR), covering approximately 281 stations. See text, page 551 for a definition of types of advertising]

TYPE OF PRODUCT	1975	1979 [1]	1980 [1]	1981 [1]
Estimated time charges	**1,245**	**2,204**	**2,496**	**2,847**
Apparel, footwear, and accessories	34	68	105	108
Automotive	99	196	223	277
Beer and wine	50	114	156	182
Building material, equipment, and fixtures	17	42	47	57
Confectionery, soft drinks	99	196	212	252
Consumer services	37	65	83	97
Food and food products	283	456	507	581
Gasoline, lubricants, etc	20	33	50	84
Horticulture	8	[2]26	[2]35	[2]34
Household equipment and supplies, furnishings	76	126	133	144
Insurance	18	30	34	48
Jewelry, optical goods, and cameras	11	46	55	56
Laundry soaps, polishes	70	110	111	116
Office equip., stationery, and supplies	5	9	15	20
Pet products	36	33	33	37
Proprietary medicines	71	86	93	102
Publishing and media	24	80	78	81
Records, tapes, radios, and TV sets	59	91	73	77
Tobacco prod., suppliers	3	5	8	12
Toiletries and toilet goods	115	181	223	225
Toys and sporting goods	61	127	109	117
Travel, hotels, and resorts	36	56	76	90
All other	13	28	37	50

[1] Beginning 1979, some advertising previously identified as local is classified as spot. Therefore, data not strictly comparable with 1975. [2] Due to a definition change, data not strictly comparable with 1975.

No. 966. Television—Expenditures for Retail/Local Advertising: 1975 to 1981

[**In millions of dollars.** See headnote, table 965]

TYPE OF PRODUCT	1975	1979 [1]	1980 [1]	1981 [1]
Expenditures	**841**	**1,797**	**1,983**	**2,269**
Amusements, entertainment	23	58	68	79
Appliance stores, repair	16	38	38	47
Auto repair, serv. stations	7	26	28	34
Auto supply, accessory stores	6	13	12	25
Auto, truck dealers	45	122	99	113
Banks, S&L associations	85	140	141	158
Builders, real estate	14	46	26	24
Carpet, floor covering stores	12	24	24	28
Clothing stores	19	40	46	50
Department stores	87	118	131	139
Discount dept. stores	34	68	74	85
Drug stores	10	23	26	34
Food stores, supermarkets	71	134	149	175
Furniture stores	43	104	111	118
Gas, electric, water cos	9	15	16	21
Hardware stores	5	13	19	21
Health clubs, reducing salons	7	19	21	29
Home building construction, building supplies	13	29	35	43
Hotels, resorts, U.S	7	16	18	24
Jewelry stores	7	17	19	23
Loan, mortgage companies	10	12	12	13
Mail order, catalog showrooms	3	12	13	15
Medical, dental services	2	11	13	22
Movies	59	94	102	99
Newspapers	7	13	15	18
Optical services, supplies	3	10	14	11
Radio, TV stations	(NA)	53	69	99
Restaurants, drive-ins	115	263	288	351
Shoe stores	5	19	27	28
Shopping centers, ass'ns	7	12	13	14
Sport, hobby, toy stores	8	21	23	35
All other	109	214	293	294

NA Not available. [1] Beginning 1979, some advertising previously identified as local is classified as spot; therefore, data not strictly comparable with 1975.

Source of tables 964-966: Television Bureau of Advertising, Inc., New York, N.Y., from data compiled by Broadcast Advertisers Reports, Inc., New York, N.Y.

No. 967. Newspaper Advertising—Expenditures for 64 Cities: 1957 to 1981

[In millions of dollars. Based on stratified random sample of 64 cities of different size, including suburban and central city newspapers]

TYPE OF ADVERTISING	1957	1970	1974	1975	1976	1977	1978	1979	1980	1981
Total	**1,611**	**3,120**	**3,845**	**4,117**	**5,352**	**5,696**	**6,666**	**7,641**	**8,186**	**9,575**
Automotive	63	93	109	93	127	145	151	196	182	226
Classified	313	724	967	982	1,342	1,522	1,892	2,179	2,196	2,515
Financial	42	117	135	131	148	147	203	244	297	387
General	326	426	514	547	731	752	827	982	1,122	1,380
Retail	866	1,759	2,120	2,364	3,005	3,129	3,593	4,040	4,389	5,068

Source: Compiled by Media Records, Inc. Current data in U.S. Bureau of Economic Analysis, *Survey of Current Business*, monthly.

No. 968. Newspaper Advertising—Expenditures for National Advertising, by Type of Product: 1975 to 1981

[In millions of dollars. Data are compiled on basis of actual space measurements of bulk of national advertising carried by weekday and Sunday newspapers. Excludes production costs]

TYPE OF PRODUCT	1975	1979	1980	1981
Total	**1,142.1**	**1,950.4**	**2,184.1**	**2,556.3**
Alcoholic beverages	72.2	89.2	102.9	95.0
Liquors	64.2	75.2	86.5	80.0
Amusements	6.2	12.6	11.8	12.6
Automotive	175.7	336.9	313.1	369.4
New passenger cars	129.6	248.7	226.2	281.1
Cameras, photo supplies and services	10.0	13.2	14.9	16.5
Educational	10.0	20.8	24.5	28.5
Farm and garden	18.5	27.0	29.7	29.5
Foods	131.1	167.5	166.3	179.4
Franchise offers	3.0	5.3	5.3	5.9
Help wanted	10.3	55.2	58.7	68.6
Home heat, and equipment	2.9	8.0	13.3	14.6
Hotels and resorts	44.1	67.9	78.3	105.1
Household furniture and furnishings	7.4	9.9	13.1	13.4
Household supplies	24.8	36.6	41.8	40.1
Hsehld. equip. and appli	30.4	46.7	53.0	67.6
Industrial	13.9	29.0	40.7	57.2
Insurance	20.2	34.0	36.4	40.7
Jewelry, watches, silverware	3.2	6.1	8.1	8.8
Mail order	41.9	54.4	60.6	73.0
Medical products, drugs	12.9	20.4	22.9	24.0
Pets and pet supplies	8.4	9.2	8.9	8.9
Political	5.2	8.3	26.7	10.0
Professional and services [1]	5.6	6.4	9.0	11.7
Public service utilities and communications	19.2	37.6	50.6	56.5
Publishing [2]	83.4	154.9	177.7	197.7
Books	21.9	32.2	32.8	38.3
Radio and TV	48.4	102.9	122.4	132.7
Real estate	8.8	11.0	16.5	21.0
Sporting equipment [3]	6.9	6.9	7.6	13.5
Tobacco	148.1	293.7	313.8	391.3
Toiletries, toilet goods	16.1	27.9	30.9	32.5
Transportation	154.7	235.5	296.8	369.2
Airlines	97.8	147.6	186.8	226.1
Wearing apparel	20.2	31.2	31.4	40.3
All other	26.9	87.4	118.9	154.0

[1] Includes associations (American Medical, etc.), art galleries, ad agencies own advertising, research firms, etc. [2] Includes other media not shown separately. [3] Includes leisure time equipment.

Source: Media Records, Inc., New York, N.Y., *Marketing and Media Decisions*, June 1982.

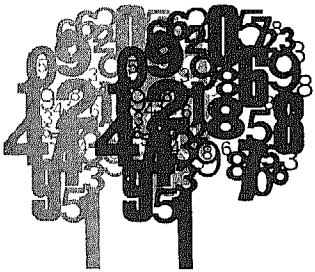
No. 969. Magazine Advertising—Expenditures, by Product: 1970 to 1981

[In millions of dollars, except percent. Space cost based on one-time rate; special rates used where applicable. Year-to-year data not strictly comparable, as a few minor publications are added or deleted]

TYPE OF PRODUCTION	1970	1975	1978	1979	1980	1981	PERCENT DISTRIBUTION		
							1970	1975	1981
Expenditures	**1,181**	**1,336**	**2,374**	**2,671**	**2,846**	**3,223**	**100.0**	**100.0**	**100.0**
Apparel, footwear, and accessories [1]	51	47	86	92	112	141	4.3	3.5	4.4
Automotive, incl. accessories and equipment [1]	95	102	228	224	229	290	8.0	7.6	9.0
Beer, wine, and liquor	98	101	193	236	239	251	8.3	7.6	7.8
Consumer services [1 2]	74	102	147	172	190	206	6.3	7.8	6.4
Drugs and remedies	38	34	57	71	88	88	3.2	2.5	2.7
Food and food products	86	87	174	186	199	213	7.3	6.5	6.6
Household equipment and supplies [1]	33	25	63	67	65	82	2.8	1.9	2.5
Household furnishings [1]	38	31	65	64	73	83	3.2	2.3	2.6
Industrial materials [1]	44	34	58	70	71	67	3.7	2.6	2.1
Insurance	26	22	45	53	56	56	2.2	1.7	1.7
Radios, TV's, phonos, musical instruments [3]	38	35	76	80	84	108	3.2	2.6	3.4
Smoking materials	65	144	205	281	290	314	5.5	10.8	9.7
Toiletries and toilet goods [1]	119	106	163	198	206	230	10.1	7.9	7.1
Travel, hotels, and resorts	50	65	98	110	123	137	4.2	4.9	4.3
All other (incl. retail and/or direct-mail) [1]	326	402	696	767	831	954	27.6	30.1	29.6

[1] Due to classification changes, 1970, data not comparable with later years. [2] Includes business services. [3] Includes accessories.

Source: Magazine Publishers Association, Inc., New York, N.Y., from data compiled by Publishers Information Bureau, Inc.



Section 20

Energy

This section presents statistics on fuel resources, energy production and consumption, electric energy, hydropower, nuclear power, and the electric and gas utility industries. The principal sources are the U.S. Department of Energy's Energy Information Administration (EIA), the Edison Electric Institute, New York, and the American Gas Association, Arlington, Va. The Department of Energy was created in October 1977 and assumed and centralized the responsibilities of all or part of several agencies including the Federal Power Commission (FPC), the U.S. Bureau of Mines, the Federal Energy Administration, and the U.S. Energy Research and Development Administration. For additional data on fuels, see section 27.

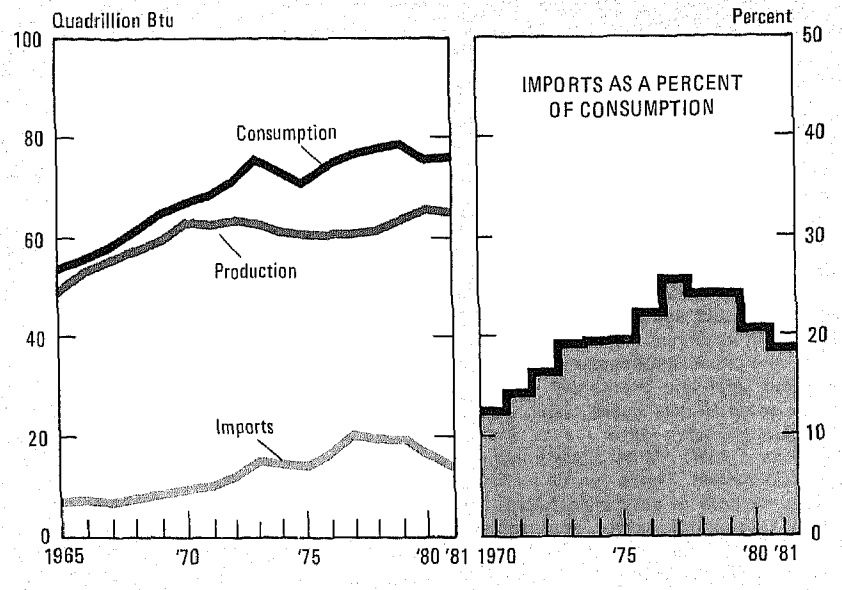
The EIA, in its *Annual Report to Congress,* provides statistics and trend data on energy supply, demand, and prices. Information is included on petroleum and natural gas, coal, electricity, nuclear power, and solar and geothermal energy. Among its annual reports are *Statistics of Privately Owned Electric Utilities in the United States; Statistics of Publicly Owned Electric Utilities in the United States; Electric Power Annual; Thermal Electric Plant Construction Costs; Cost and Quality of Fuels for Electric Plants; State Energy Data Report;* and *Statistics for Interstate Natural Gas Pipeline Companies.* These various publications contain national and State data on production of electricity, capacity of generating plants, fuels used in energy production, energy sales and consumption, hydroelectric power, construction costs and production expenses of power plants, and depreciation practices. The EIA also issues the annual *Inventory of Power Plants,* periodic *Energy Data Reports, Electric Power Monthly* and the *Monthly Energy Review.* Data on residential energy consumption, expenditures, and conservation activities are available from EIA's Residential Energy Consumption Survey and are published in *Residential Energy Consumption Survey: Consumption and Expenditures,* and *Residential Energy Consumption Survey: Conservation,* and several other reports.

The Edison Electric Institute's monthly bulletin and annual *Statistical Year Book of the Electric Utility Industry for the Year* contain data on the distribution of electric energy by public utilities; information on the electric power supply, expansion of electric generating facilities, and the manufacture of heavy electric power equipment is presented in the annual *Year End Summary of the Electric Power Situation in the United States.* The American Gas Association, in its monthly and quarterly bulletins and its yearbook, *Gas Facts,* presents data on gas utilities, including sales, revenues, customers, prices, and other financial and operating statistics.

Btu conversion factors.—Various energy sources are converted from original units (e.g., short tons, cubic feet, barrels, kilowatt-hours) to the thermal equivalent using British thermal units (Btu). A Btu is the amount of energy required to raise the temperature of 1 pound of water 1 degree Fahrenheit at or near 39.2 degrees F. Factors are calculated annually from the latest final annual data available; some are revised as a result. The following list provides conversion factors used in 1980 and 1981 for production and consumption, in that order, for various fuels: Petroleum 5.800 and 5.479 mil. Btu per barrel; bituminous coal and lignite 23.15 and 22.20 mil. Btu per short ton; and anthracite coal 23.35 and 22.16 mil. Btu per short ton. Both production and consumption factors for natural gas were 1,026 Btu per cubic foot, while the factors for the production of hydropower, nuclear power, and geothermal power were 10.35, 10.64, and 21.63 thous. Btu per kilowatt-hour, respectively.

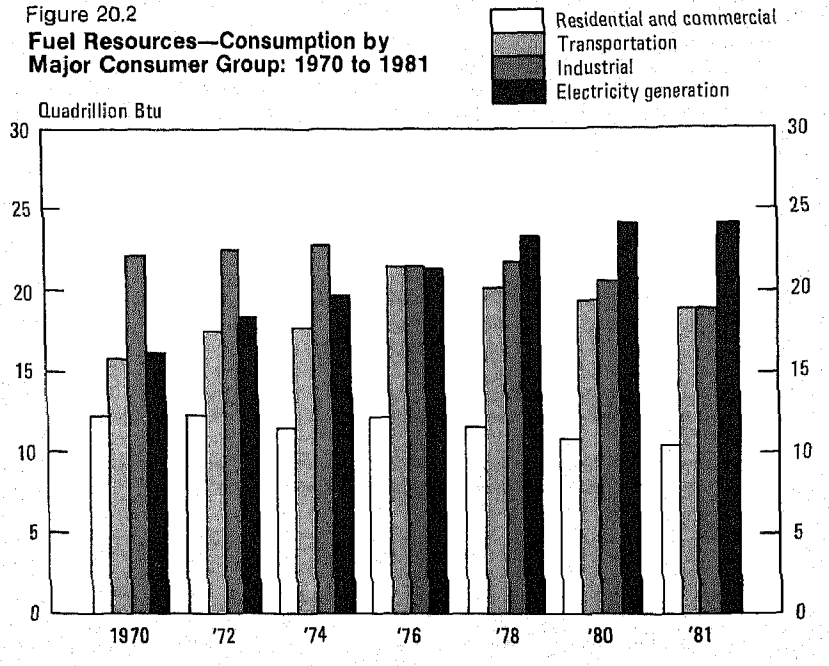
Historical statistics.—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970.* See Appendix I.

Figure 20.1
Energy Production, Consumption, and Imports: 1965 to 1981



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 972.

Figure 20.2
Fuel Resources—Consumption by Major Consumer Group: 1970 to 1981



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 975.

No. 970. Total Horsepower of All Prime Movers: 1950 to 1981

[**In millions, except percent.** As of **January,** except as noted. Prior to 1960, excludes Alaska and Hawaii, except as noted. Prime movers are mechanical engines and turbines, and work animals, which originally convert fuels or force (as wind or falling water) into work and power. Electric motors, which obtain their power from prime movers, are excluded to avoid duplication. See also *Historical Statistics, Colonial Times to 1970,* series S 1-14]

Year	Total horsepower	Automotive [1 2]		Nonautomotive							
		Total	Percent of total	Total	Factories [3]	Mines [3]	Railroads [4]	Merchant ships and sailing vessels	Farms	Electric central stations [2]	Aircraft [4 5]
1950	4,868	4,404	90.5	464	33	22	111	[6]23	165	88	[6]22
1955	7,158	6,632	92.7	526	36	31	60	[6]24	212	138	[6]26
1960	11,008	10,367	94.2	641	42	35	47	24	240	217	37
1965	15,096	14,306	94.8	790	48	40	44	24	272	307	55
1970	20,408	19,325	94.7	1,083	54	45	54	22	290	435	183
1972	22,913	21,736	94.9	1,175	57	46	57	21	305	508	181
1973	24,262	23,029	94.9	1,233	58	46	57	20	308	562	182
1974	24,516	23,224	94.7	1,292	59	46	61	21	315	605	185
1975	25,100	23,752	94.6	1,348	60	47	62	22	318	654	185
1976	25,732	24,339	94.6	1,393	61	47	64	22	324	692	184
1977	26,469	25,025	94.5	1,444	62	47	62	23	328	728	194
1978	27,379	25,892	94.6	1,487	63	48	64	25	[7]335	754	198
1979	28,162	26,617	94.5	1,545	63	48	62	26	342	803	201
1980	28,922	27,362	94.6	1,564	64	48	63	28	345	806	210
1981	29,507	27,909	94.6	1,598	64	48	65	29	345	835	212

[1] Includes passenger cars, trucks, buses, and motorcycles. [2] As of July 1. [3] Beginning 1965, data are estimates. [4] Beginning 1965, not strictly comparable with earlier years. [5] Includes private planes and commercial airlines. [6] Includes Alaska and Hawaii. [7] Includes estimates of about 3.0 million hp in work animals and 30,000 in windmills.

Source: 1950 and 1955, The Twentieth Century Fund, New York, N.Y., J.F. Dewhurst and Associates, *America's Needs and Resources, A New Survey,* and John A. Waring, *Transactions of Canadian Sectional Meeting, World Power Conference, 1958.* Beginning 1960, John A. Waring, Murfreesboro, N.C., unpublished estimates.

No. 971. Mineral Fuel Resources and Electricity—Production and Consumption, by Major Source: 1950 to 1981

[A British thermal unit (Btu) is the quantity of heat required to raise the temperature of 1 pound of water 1°F at or near its point of maximum density. Prior to 1960, excludes Alaska and Hawaii, except data for bituminous coal include Alaska for all years. For Btu conversion factors, see text, p. 569. See also *Historical Statistics, Colonial Times to 1970,* series M 76-92]

Year	Total production (quad. Btu)	Percent of production				Total consumption (quad. Btu)	Percent of consumption				Consumption/production ratio
		Coal	Crude petroleum [1]	Natural gas [2]	Electricity [3]		Coal	Crude petroleum [1]	Natural gas [2]	Electricity [3]	
1950	34.5	42.7	33.4	20.0	3.9	33.6	38.1	39.8	18.1	4.0	.97
1955	39.1	32.6	37.0	27.0	3.4	39.2	29.1	44.2	23.3	3.5	1.00
1960	41.8	26.7	35.7	33.8	3.8	44.1	22.8	45.1	28.5	3.6	1.06
1961	42.3	25.4	36.0	34.7	3.9	44.7	21.9	45.2	29.2	3.7	1.06
1962	43.9	25.5	35.4	35.0	4.1	46.8	21.5	44.9	29.8	3.8	1.07
1963	46.2	26.4	34.6	35.2	3.8	48.6	21.7	44.5	30.1	3.6	1.05
1964	48.0	26.8	33.6	35.7	3.9	50.8	22.0	43.7	30.6	3.7	1.06
1965	49.7	27.0	33.3	35.6	4.2	53.0	22.3	43.6	30.2	3.9	1.07
1966	52.5	26.4	33.5	36.2	4.0	56.0	22.3	45.2	30.4	2.1	1.07
1967	55.4	25.7	33.7	36.3	4.3	57.9	21.0	43.5	31.3	4.1	1.05
1968	57.1	24.4	33.7	37.6	4.3	61.3	20.5	43.8	31.7	4.0	1.07
1969	59.4	24.0	32.9	38.5	4.7	64.5	19.6	43.8	32.4	4.3	1.09
1970	62.5	24.3	32.6	38.6	4.5	66.8	18.9	44.0	32.8	4.3	1.07
1971	61.7	22.0	32.5	40.2	5.3	68.3	17.6	44.7	32.9	4.7	1.11
1972	62.8	23.1	31.9	39.5	5.5	71.6	17.3	46.0	31.7	4.9	1.14
1973	62.4	23.0	31.2	39.7	6.1	74.6	17.8	46.7	30.2	5.2	1.20
1974	61.2	23.7	30.4	38.7	7.2	72.8	17.7	45.0	29.9	7.4	1.19
1975	60.1	25.6	29.5	36.6	8.4	70.7	18.2	46.4	28.3	7.2	1.18
1976	60.1	26.5	28.7	36.3	8.5	74.5	18.4	47.2	27.3	7.1	1.24
1977	60.3	26.3	28.9	36.3	8.5	76.3	18.3	48.7	26.1	6.9	1.27
1978	61.2	24.6	30.1	35.5	9.8	78.2	17.7	48.6	25.6	8.1	1.28
1979	63.9	27.6	28.4	35.0	9.0	78.9	19.1	47.0	26.2	7.6	1.24
1980	65.5	29.3	27.9	34.1	8.7	75.9	20.4	45.1	26.9	7.7	1.16
1981, prel.	65.1	29.2	27.9	34.1	8.9	73.8	21.7	43.4	26.8	8.1	1.13

[1] Production includes lease condensate. Consumption includes domestically produced crude oil, natural gas liquids, and lease condensate, plus imported crude oil and products. [2] Production includes natural gas liquids; consumption excludes natural gas liquids. [3] Comprised of hydropower, nuclear power, geothermal energy and other.

Source: U.S. Energy Information Administration, *Annual Report to Congress,* vol. II; beginning 1981, *Monthly Energy Review,* May 1982 issue.

No. 972. Energy Supply and Disposition, by Type of Fuel: 1960 to 1981

[In quadrillion British thermal units, except percent. For Btu conversion factors, see text, p. 569]

Type of fuel	1960	1965	1970	1972	1973	1975	1976	1977	1978	1979	1980	1981, prel.
Total supply [1]	**45.6**	**54.9**	**69.5**	**73.8**	**76.7**	**73.1**	**76.7**	**78.4**	**80.1**	**81.8**	**79.6**	**78.1**
Production	41.8	49.7	62.5	62.8	62.4	60.1	60.1	60.3	61.2	63.9	65.5	65.1
Crude oil [2]	14.9	16.5	20.4	20.0	19.5	17.7	17.3	17.5	18.4	18.1	18.3	18.1
Natural gas liquids	1.5	1.9	2.5	2.6	2.6	2.4	2.3	2.3	2.3	2.3	2.3	2.3
Natural gas [3]	12.7	15.8	21.7	22.2	22.2	19.6	19.5	19.6	19.5	20.1	20.1	19.9
Coal	11.1	13.4	15.1	14.5	14.4	15.2	15.9	15.8	15.0	17.7	19.2	19.0
Nuclear power	(z)	(z)	.2	.6	.9	1.9	2.1	2.7	3.0	2.7	2.7	2.9
Hydropower	1.6	2.1	2.6	2.9	2.9	3.2	3.0	2.3	2.9	2.9	2.9	2.7
Geothermal and other	(z)	(z)	(z)	(z)	.1	.1	.1	.1	.1	.1	.1	.1
Imports [4]	4.2	5.9	8.4	11.5	14.7	14.1	16.8	20.1	19.3	19.6	16.0	13.9
Percent of supply	9.3	10.8	12.1	15.5	19.2	19.3	21.9	25.6	24.0	24.0	20.1	17.8
Crude oil	2.2	2.7	2.8	4.7	6.9	8.7	11.2	14.0	13.5	13.8	11.2	9.3
Refined petroleum products [5]	1.8	2.8	4.7	5.6	6.6	4.2	4.4	4.7	4.4	4.1	3.5	3.3
Natural gas	.2	.5	.9	1.1	1.1	1.0	1.0	1.0	1.0	1.3	1.0	.9
Total disposition	**45.6**	**54.9**	**69.5**	**73.8**	**76.7**	**73.1**	**76.7**	**78.4**	**80.1**	**81.8**	**79.6**	**78.1**
Consumption	44.1	53.0	66.8	71.6	74.6	70.7	74.5	76.3	78.2	78.9	75.9	73.8
Refined petroleum products	19.9	23.3	29.5	33.0	34.8	32.7	35.2	37.1	38.0	37.1	34.2	32.0
Natural gas [3]	12.4	15.8	21.8	22.7	22.5	20.0	20.4	19.9	20.0	20.7	20.4	19.8
Coal	10.1	11.9	12.7	12.5	13.3	12.8	13.7	14.0	13.9	15.1	15.5	16.0
Nuclear power	(z)	(z)	.2	.6	.9	1.9	2.1	2.7	3.0	2.7	2.7	2.9
Hydropower [6]	1.7	2.1	2.7	2.9	3.0	3.2	3.1	2.5	3.1	3.1	3.1	3.0
Geothermal and other	(z)	(z)	(z)	(z)	.1	.1	.1	.1	.1	.1	.1	.1
Exports	1.5	1.9	2.7	2.1	2.1	2.4	2.2	2.1	2.0	2.9	3.7	4.3
Coal	1.0	1.4	1.9	1.5	1.5	1.8	1.6	1.5	1.1	1.8	2.4	2.9

Z Less than 50 trillion. [1] Includes adjustments for stock changes, losses, gains, and miscellaneous changes, not shown separately. [2] Includes lease condensate. [3] Dry marketed gas. [4] Includes other types, not shown separately. [5] Includes imports of unfinished oils and natural gas liquids. [6] Includes industrial generation and net electricity imports.

Source: U.S. Energy Information Administration, *Annual Report to Congress*, vol. II; beginning 1981, *Monthly Energy Review*.

No. 973. Selected Energy Indicators—Summary: 1950 to 1981

[Btu=British thermal units. See text, p. 569. Minus (–) sign denotes decrease]

Year	Annual average percent change [1]									Per capita (mil. Btu)		Consumption per dollar GNP [3] (1,000 Btu)
	Energy production				Energy consumption							
	Total [2]	Crude oil	Natural gas	Coal	Total [2]	Refined petroleum products	Natural gas	Coal	GNP [3]	Energy production	Energy consumption	
1950	12.4	7.2	15.8	16.7	8.2	12.1	15.9	2.3	10.9	227	223	63.4
1955	2.5	4.7	8.4	–2.7	3.1	5.3	8.6	–2.3	6.9	237	240	60.4
1960	1.3	.7	6.3	–2.7	2.4	2.9	6.6	–2.7	4.8	232	245	59.8
1965	3.5	2.0	4.5	3.8	3.8	3.1	4.9	3.3	4.7	257	274	57.1
1970	4.7	4.3	6.5	2.4	4.8	4.9	6.7	1.3	3.2	306	328	61.5
1971	–1.3	–1.8	2.8	–9.7	2.2	3.5	3.1	–5.1	3.4	298	330	60.9
1972	1.8	(z)	–.3	6.6	4.9	7.8	1.0	3.7	5.7	300	342	60.4
1973	–.6	–2.7	–.1	–.8	4.2	5.7	–.8	6.8	5.8	295	353	59.4
1974	–1.9	–4.7	–4.4	.7	–2.5	–4.0	–3.5	–3.2	–.6	287	341	58.3
1975	–1.9	–4.5	–7.4	5.0	–2.8	–2.2	–8.2	–.5	–1.2	279	328	57.3
1976	.1	–2.7	–.8	4.3	5.4	7.5	2.0	7.1	5.4	276	342	57.3
1977	.3	1.1	.5	–.1	2.4	5.5	–2.1	1.7	5.5	274	347	55.7
1978	1.6	5.6	–.4	–5.0	2.4	2.3	.4	–.8	5.0	276	352	54.4
1979	4.3	–1.8	3.0	17.4	.9	–2.2	3.4	9.1	2.8	285	351	53.2
1980	2.6	.8	.1	8.8	–3.9	–7.9	–1.4	2.3	–.4	288	334	51.3
1981	–.7	–.7	–.9	–1.2	–2.8	–6.4	–3.7	3.7	1.9	283	322	49.0

Z Less than .05 percent. [1] Represents average for period of intervals shown; for 1950, change from 1949. For explanation of average annual percent change, see Guide to Tabular Presentation. [2] Includes types of fuel or power not shown separately. [3] Gross national product in constant (1972) dollars, see table 690.

Source: U.S. Energy Information Administration, *Annual Report to Congress*, vol. II; beginning 1981, *Monthly Energy Review*.

No. 974. Fossil Fuel Prices in Current and Constant (1972) Dollars: 1960 to 1981

[**In cents per million British thermal units (Btu), except as indicated.** All fuel prices taken as close to the point of production as possible. See text, p. 569, for explanation of Btu conversions from mineral fuels. Minus sign (–) denotes decrease]

Year or period	Current dollars					Constant (1972) dollars					GNP [3] price deflators (1972=100)
	Composite [1]	Crude oil	Natural gas	Bituminous coal [2]	Anthracite coal	Composite [1]	Crude oil	Natural gas	Bituminous coal [2]	Anthracite coal	
1960	28.1	49.7	12.6	18.3	33.0	40.9	72.3	18.3	26.6	48.0	68.7
1965	27.5	49.3	14.2	17.5	35.3	37.0	66.3	19.1	23.5	47.5	74.4
1970	31.6	54.8	15.5	25.5	47.1	34.6	59.9	16.9	27.9	51.5	91.5
1972	34.6	58.4	16.9	31.9	52.9	34.6	58.4	16.9	31.9	52.9	100.0
1973	39.4	67.1	19.8	35.5	58.9	37.3	63.5	18.7	33.6	55.7	105.7
1974	67.3	118.4	27.7	66.4	98.4	58.6	103.0	24.1	57.8	85.6	114.9
1975	82.0	132.2	40.6	82.9	137.9	65.3	105.3	32.3	66.0	109.8	125.6
1976	89.8	141.2	53.1	83.9	149.0	68.0	106.9	40.2	63.5	112.8	132.1
1977	100.6	147.8	72.3	87.3	150.4	71.9	105.7	51.7	62.4	107.6	139.8
1978	111.1	155.2	83.2	97.1	149.9	74.0	103.4	55.4	64.7	99.9	150.1
1979	141.3	217.9	107.9	104.7	174.1	86.8	133.9	66.3	64.3	107.0	162.8
1980	200.2	365.3	145.9	106.1	188.4	112.9	206.0	82.3	59.8	106.2	177.4
1981, prel.	270.4	535.0	187.7	112.3	203.4	140.3	277.6	97.4	58.3	105.6	192.7
Percent change:											
1960–70	12.5	10.3	23.0	39.3	42.7	–15.4	–17.2	–7.7	4.9	7.3	33.2
1970–73	24.7	22.4	27.7	39.2	25.1	7.8	6.0	10.7	20.4	8.2	15.5
1973–75	108.1	97.0	105.1	133.5	134.1	75.1	65.8	72.7	96.4	97.1	18.8
1975–79	72.3	64.5	165.8	26.3	26.3	23.9	27.2	105.3	–2.6	–2.6	29.6
1979–80	41.7	68.0	35.2	1.3	8.2	30.1	53.8	24.1	–7.0	–.7	9.0
1980–81, prel.	35.1	46.5	28.6	5.8	8.0	24.3	34.8	18.3	–2.5	–.6	8.6

[1] Weighted by relative importance of individual fuels in total fuels production. [2] Includes lignite. [3] GNP=Gross national product; see text, p. 451.

Source: U.S. Energy Information Administration, *Annual Report to Congress*, vol. II.

No. 975. Primary Energy Consumption by Consuming Sector: 1970 to 1981

[For definition of Btu, see text, p. 569]

Sector	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981, est.
Total consumption (quad. Btu)	**66.8**	**68.3**	**71.6**	**74.6**	**72.8**	**70.7**	**74.5**	**76.3**	**78.2**	**78.9**	**75.9**	**73.8**
Residential and commercial	12.2	12.4	12.6	12.2	11.7	11.6	12.3	11.8	11.9	11.8	11.0	10.7
Industrial and miscellaneous	22.3	22.1	22.8	23.9	22.9	20.6	21.7	22.0	22.1	22.6	20.9	19.2
Transportation	16.0	16.7	17.6	18.5	18.0	18.1	19.0	19.7	20.6	20.4	19.7	19.2
Electricity generation	16.3	17.2	18.6	20.0	20.2	20.4	21.6	22.8	23.6	24.1	24.4	24.6
Percent of total:												
Residential and commercial	18.2	18.1	17.6	16.4	16.1	16.4	16.4	15.5	15.3	14.9	14.5	14.5
Industrial and miscellaneous	33.4	32.3	31.8	32.0	31.4	29.1	29.1	28.8	28.3	28.6	27.5	26.1
Transportation	24.0	24.3	24.6	24.8	24.7	25.6	25.5	25.8	26.3	25.8	25.9	26.0
Electricity generation	24.4	25.2	26.0	26.8	27.7	28.9	29.0	29.8	30.1	30.6	32.2	33.4

Source: U.S. Energy Information Administration, *Annual Report to Congress*, vol. II. Beginning 1981, *Monthly Energy Review*, May 1982 issue.

No. 976. Energy Consumption, by Sector and Primary Source: 1980 and 1981

[**In trillions of Btu.** For definition of Btu, see text, p. 569]

Sector	Total [1]	Coal [2]	Natural gas, dry	Petroleum [3]	Hydroelectric [4]	Nuclear power	Other [5]	Electricity distributed [6]	Electric energy loss [7]
1980									
Final consuming sectors	75,944	3,341	16,584	31,550	33	–	–37	7,146	17,326
Residential and commercial	25,894	160	7,540	3,280	–	–	–	4,355	10,560
Industrial	30,368	3,181	8,395	9,274	33	–	–37	2,781	6,741
Transportation	19,682	–	650	18,996	–	–	–	11	26
Electric utilities	24,473	12,151	3,807	2,654	3,074	2,672	114	(x)	(x)
1981									
Final consuming sectors	73,756	3,309	15,997	29,796	33	–	–17	7,228	17,409
Residential and commercial	25,687	167	7,404	3,125	–	–	–	4,400	10,591
Industrial	28,853	3,142	7,963	8,123	33	–	–17	2,817	6,791
Transportation	19,216	–	630	18,548	–	–	–	11	27
Electric utilities	24,639	12,707	3,764	2,202	2,937	2,901	127	(x)	(x)

– Represents zero. X Not applicable. [1] Total may not equal sum of components due to independent rounding of the components. [2] Represents anthracite, bituminous, lignite, and net coke imports. [3] Includes petroleum products, still gas, liquefied refinery gas, and natural gas liquids. [4] Includes net imports of electricity. [5] Includes geothermal power, electricity produced from wood and waste, and net imports of coal coke. [6] Electrical energy used by railroads, and for street and highway lighting, is included in transportation sector. [7] Losses allocated by final end-use sector in proportion to their direct kilowatt-hour usage.

Source: U.S. Energy Information Administration, 1980, *State Energy Data Report*, annual; 1981, *Monthly Energy Review*, May 1982.

No. 977. Energy Consumption—End-Use Sector and Selected Type, by State: 1980

[In trillions of Btu. For Btu conversion factors, see text, p. 569]

STATE	Total [1]	END-USE SECTOR				TYPE				
		Residential	Commercial	Industrial	Transportation	Petroleum	Natural gas (dry)	Coal	Hydropower	Nuclear power
U.S	**75,944**	**15,272**	**10,622**	**30,368**	**19,682**	**34,204**	**20,391**	**15,492**	**3,107**	**2,672**
Alabama	1,539	264	125	800	349	486	276	659	97	250
Alaska	299	35	34	141	89	131	157	5	6	-
Arizona	765	145	137	218	264	328	170	248	101	-
Arkansas	858	183	101	369	206	339	281	39	18	83
California	6,433	1,166	1,081	1,811	2,375	3,562	1,860	79	423	52
Colorado	886	185	161	288	252	368	263	249	18	7
Connecticut	738	211	129	213	185	545	74	(z)	3	126
Delaware	227	39	52	82	54	172	31	29	-	-
District of Columbia	152	45	42	39	26	49	27	3	-	-
Florida	2,524	571	381	627	945	1,745	326	228	2	178
Georgia	1,683	346	207	583	548	751	323	524	46	90
Hawaii	258	22	19	68	149	257	-	-	1	-
Idaho	355	72	60	140	83	131	50	13	98	-
Illinois	3,789	898	646	1,425	820	1,507	1,116	853	1	295
Indiana	2,442	453	229	1,316	443	825	501	1,145	5	-
Iowa	1,022	243	128	413	239	424	276	240	10	27
Kansas	1,031	189	146	415	281	372	501	193	(z)	-
Kentucky	1,358	261	165	606	325	499	207	633	30	-
Louisiana	3,307	278	281	2,101	647	1,329	1,841	3	-	-
Maine	312	78	37	113	84	223	2	3	64	47
Maryland	1,154	259	172	404	318	563	166	231	13	116
Massachusetts	1,223	370	285	211	356	930	187	23	2	34
Michigan	2,768	733	423	988	624	946	886	738	71	169
Minnesota	1,233	297	148	458	332	538	293	251	18	107
Mississippi	811	163	106	282	261	393	271	75	-	-
Missouri	1,456	407	248	390	411	608	326	536	6	-
Montana	366	61	43	173	89	177	62	62	103	-
Nebraska	542	128	96	178	140	220	167	96	14	62
Nevada	291	59	34	84	115	150	60	93	25	-
New Hampshire	199	59	27	55	58	143	9	29	11	-
New Jersey	2,070	476	384	644	566	1,316	349	68	[3]–3	61
New Mexico	484	63	71	174	175	212	228	203	1	-
New York	3,856	942	915	990	1,009	2,231	756	313	348	205
North Carolina	1,672	388	215	625	443	734	157	626	57	61
North Dakota	247	52	34	88	73	145	23	172	56	-
Ohio	3,864	866	483	1,727	788	1,233	919	1,530	(z)	23
Oklahoma	1,227	244	160	516	306	450	743	111	14	-
Oregon	896	190	156	311	239	369	81	14	313	57
Pennsylvania	3,918	869	442	1,792	815	1,496	794	1,606	8	129
Rhode Island	189	56	34	47	52	111	28	(z)	(z)	-
South Carolina	1,001	191	134	428	248	390	146	248	31	185
South Dakota	209	54	26	66	63	122	25	37	60	-
Tennessee	1,599	368	225	697	408	536	235	578	91	6
Texas	8,432	945	761	4,918	1,808	3,547	4,204	753	4	-
Utah	498	100	54	221	124	208	118	166	9	-
Vermont	119	38	18	28	34	68	4	(z)	10	32
Virginia	1,507	345	254	424	484	782	162	236	9	122
Washington	1,551	340	206	586	419	594	132	93	869	22
West Virginia	764	138	70	409	146	219	146	843	12	-
Wisconsin	1,363	353	211	471	328	529	360	330	22	105
Wyoming	396	32	24	253	88	199	71	282	11	-

- Represents zero. Z Less than 500 billion. [1] For type, includes geothermal, wood and waste, and net interstate sales of electricity, including losses, not shown separately. [2] For industrial sector, includes 37 trillion Btu of net exports of coke not allocated by State. [3] Minus sign (–) indicates when amount of energy expended for pump storage hydropower exceeds amount of energy consumed.

Source: U.S. Energy Information Administration, *State Energy Data Report*, annual.

No. 978. Residential Energy Consumption, Expenditures, and Average Prices, 1979 to 1980, and by Region, 1981

[For period **April** to **March** of year stated. Excludes Alaska and Hawaii. Covers year-round occupied units only. Based on Residential Energy Consumption Survey; see Appendix III. For composition of regions, see fig. 1, inside front cover. Excludes household usage of gasoline for transportation and the use of wood or coal. Btu = British thermal units; see text, p. 569]

ITEM	Unit	1979, all households	1980, all households	1981				
				All households	Northeast	North central	South	West
ENERGY CONSUMED								
Total	**Quad. Btu**	**10.56**	**9.74**	**9.32**	**2.43**	**2.92**	**2.59**	**1.38**
Average per household	Mil. Btu	138	126	114	138	139	96	86
Natural gas	Quad. Btu	5.58	5.31	4.94	.92	2.02	1.11	.89
Electricity	Quad. Btu	2.47	2.42	2.46	.39	.60	1.06	.41
Fuel oil, kerosene	Quad. Btu	2.19	1.71	1.55	1.09	.16	.27	.04
Liquid petroleum gas	Quad. Btu	.33	.31	.36	.03	.15	.15	.04
EXPENDITURES								
Total	**Bil. dol.**	**55.5**	**63.2**	**74.8**	**22.4**	**19.2**	**23.6**	**9.6**
Average per household	Dollars	724	815	917	1268	910	877	604
Natural gas	Bil. dol.	15.3	17.8	19.3	4.7	7.2	4.3	3.1
Electricity	Bil. dol.	29.9	32.6	40.1	8.6	9.7	16.0	5.9
Fuel oil, kerosene	Bil. dol.	8.6	10.7	12.5	8.8	1.2	2.2	.3
Liquid petroleum gas	Bil. dol.	1.7	2.1	2.9	.3	1.1	1.2	.3
AVERAGE PRICE (per million Btu)								
Total	**Dollars**	**5.25**	**6.49**	**8.02**	**9.22**	**6.58**	**9.11**	**6.96**
Natural gas	Dollars	2.74	3.36	3.91	5.11	3.56	3.87	3.48
Electricity	Dollars	12.10	13.46	16.30	22.05	16.17	15.09	14.39
Fuel oil, kerosene	Dollars	3.93	6.29	8.06	8.07	7.5	8.15	7.50
Liquid petroleum gas	Dollars	5.09	6.71	8.05	10.00	7.33	8.00	7.50

Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: Consumption and Expenditures*, annual.

No. 979. Residential Energy Consumption and Expenditures, by Type of Fuel and Selected Household Characteristic: 1981

[For period **April 1980** to **March 1981**. Quad.=quadrillion. See headnote, table 978]

CHARACTERISTIC	CONSUMPTION (Btu's)					EXPENDITURES				
	Total [1] (quad.)	Avg. per household [1] (mil.)	Natural gas (quad.)	Electricity (quad.)	Fuel oil [2] (quad.)	Total [1] (bil. dol.)	Avg. per household [1] (dol.)	Natural gas (bil. dol.)	Electricity (bil. dol.)	Fuel oil [2] (bil. dol.)
Total households	**9.32**	**114**	**4.94**	**2.46**	**1.55**	**74.8**	**917**	**19.3**	**40.1**	**12.5**
Single family detached	6.61	125	3.59	1.86	.90	52.2	985	13.3	29.6	7.2
Single familiy attached	.39	118	.21	.08	.09	3.3	985	1.0	1.5	.7
2-4 unit building	1.09	110	.70	.17	.21	8.2	822	3.1	3.3	1.7
5-or-more unit building	.83	77	.33	.20	.30	7.6	703	1.5	3.6	2.4
Mobile home	.39	84	.11	.15	.05	3.7	789	.4	2.2	.4
Year house built:										
1939 or earlier	3.08	132	1.71	.50	.74	22.9	981	6.9	9.1	6.0
1940-1949	.89	119	.49	.19	.18	6.7	898	2.0	3.1	1.5
1950-1959	1.67	122	.98	.39	.27	12.6	920	3.6	6.5	2.1
1960-1969	1.73	113	.97	.49	.21	13.7	893	3.8	7.7	1.6
1970-1974	1.02	97	.45	.41	.09	9.5	900	1.8	6.4	.7
1975 or later	.93	82	.34	.48	.06	9.5	840	1.3	7.4	.5
Heating and cooling degree day zones: [3]										
Less than 2,000 CDD and—										
More than 7,000 HDD	1.06	125	.54	.24	.22	8.1	951	2.0	3.8	1.7
5,500-7,000 HDD	2.95	141	1.88	.54	.45	20.7	988	7.1	9.3	3.6
4,000-5,499 HDD	2.59	122	1.12	.63	.76	22.2	1052	5.1	10.4	6.1
Less than 4,000 HDD	1.70	90	.96	.56	.10	13.4	707	3.4	8.6	.8
More than 2,000 CDD and less than 4,000 HDD	1.02	85	.44	.50	.02	10.4	861	1.7	8.0	.2
1979 family income:										
Less than $5,000	1.02	98	.54	.21	.22	7.8	754	2.2	3.5	1.8
$5,000-$9,999	1.44	104	.76	.32	.29	11.2	807	3.0	5.3	2.3
$10,000-$14,999	1.41	102	.71	.36	.26	11.6	837	2.9	6.0	2.1
$15,000-$19,999	1.32	112	.71	.37	.20	10.7	900	2.7	5.9	1.6
$20,000-$24,999	1.25	126	.71	.35	.16	9.8	986	2.7	5.5	1.3
$25,000-$34,999	1.52	123	.80	.44	.23	12.4	1005	3.1	7.1	1.9
$35,000 and over	1.35	143	.72	.41	.19	11.4	1206	2.7	6.9	1.5

[1] Includes liquid petroleum gas, not shown separately. [2] Includes kerosene. [3] CDD = Cooling degree day; HDD = Heating degree day. See fig. 7.2, p. 221.

Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: 1980-1981 Consumption and Expenditures.*

No. 980. Average Residential Energy Consumption and Expenditures of All Fuels Used, by Main Heating Fuel Type and Household Characteristic: 1981

[For period **April 1980** to **March 1981**. See headnote, table 978]

Household characteristic	Consumption per household (mil. Btu)					Expenditures per household (dollars)				
	All households [1]	Households using as main heating fuel—				All households [1]	Households using as main heating fuel—			
		Natural gas	Electricity		Fuel oil [2]		Natural gas	Electricity		Fuel oil [2]
			With air conditioning	Without air conditioning				With air conditioning	Without air conditioning	
Total households	**114**	**131**	**61**	**59**	**145**	**917**	**815**	**839**	**674**	**1,458**
Region:										
Northeast	138	146	52	64	158	1,268	1,026	987	997	1,580
North Central	139	156	65	70	132	910	861	806	997	1,309
South	96	122	63	55	123	877	827	873	769	1,303
West	86	97	51	55	111	604	613	573	398	892
Type:										
Single-family detached	125	145	77	71	146	985	889	1,055	869	1,493
Single-family attached	118	115	60	54	170	985	795	871	705	1,589
2-4 unit building	110	114	44	44	156	822	714	615	386	1,536
5 or more unit building	77	78	38	27	141	703	519	531	265	1,384
Mobile home	84	106	54	58	94	789	684	728	615	1,011
Year house built:										
1939 or earlier	132	141	75	59	154	981	804	899	619	1,512
1940 to 1949	119	126	74	52	139	898	767	945	540	1,392
1950 to 1959	122	131	72	52	138	920	817	856	596	1,429
1960 to 1969	227	256	127	128	282	1,791	1,680	1,670	1,393	2,876
1970 to 1974	97	123	59	65	132	900	847	818	849	1,369
1975 or later	82	118	58	51	124	840	802	847	568	1,395
Heating and cooling degree day zones: [3]										
Less than 2,000 CDD and—										
More than 7,000 HDD	125	147	70	59	142	951	803	983	862	1,379
5,500-7,000 HDD	141	157	57	68	155	988	874	746	958	1,548
4,000-5,499 HDD	122	141	65	61	147	1,052	941	921	571	1,479
Less than 4,000 HDD	90	99	62	49	125	707	650	756	528	1,276
More than 2,000 CDD and less than 4,000 HDD	85	110	59	34	90	861	831	885	556	1,223
Measured heated space of residence:										
Less than 600 sq. ft.	77	81	30	33	124	669	513	437	316	1,223
600-999 sq. ft.	89	99	42	50	129	722	619	577	516	1,297
1,000-1,599 sq. ft.	111	128	61	65	137	887	795	849	729	1,399
1,600-1,999 sq. ft.	126	146	74	70	142	1,014	927	1,015	1,029	1,471
2,000-2,399 sq. ft.	138	160	91	83	168	1,116	992	1,245	1,067	1,683
2,400-2,999 sq. ft.	149	171	91	62	160	1,167	1,052	1,245	749	1,592
3,000 sq. ft. or more	182	209	104	86	203	1,417	1,261	1,371	1,025	2,004
1979 family income:										
Less than $5,000	98	111	43	51	135	754	650	564	543	1,310
$5,000-$9,999	104	117	49	52	144	807	684	662	607	1,397
$10,000-$14,999	102	118	54	48	132	837	736	739	604	1,299
$15,000-$19,999	112	128	57	59	145	900	813	772	672	1,467
$20,000-$24,999	126	143	71	77	148	986	890	970	789	1,510
$25,000-$34,999	123	142	66	67	151	1,005	896	883	798	1,555
$35,000 or more	143	161	82	71	172	1,206	1,065	1,226	923	1,855

[1] Includes households using liquid petroleum gas not shown separately. [2] Includes kerosene. [3] CDD=Cooling degree day; HDD=Heating degree day. See fig. 7.2, p. 221.

Source: U.S. Energy Information Administration, *Residential Energy Consumption Survey: 1980-1981 Consumption and Expenditures.*

No. 981. Residential Energy Conservation Activities: 1979 to 1981

[**In millions.** Covers single family units excluding mobile homes. See headnote, table 978]

Region	Attic insulation added			Storm windows or doors added			Wall insulation added		
	1979	1980	1981	1979	1980	1981	1979	1980	1981
Total households [1]	**2.6**	**3.1**	**3.4**	**3.7**	**3.4**	**5.0**	**1.4**	**1.5**	**2.0**
Northeast	.5	.6	.7	.8	.7	1.0	.3	.5	.4
North Central	.9	1.1	.9	1.4	1.0	1.7	.6	.6	.6
South	.7	.9	1.2	1.2	1.3	1.6	.3	.3	.7
West	.5	.5	.7	.4	.4	.6	.2	.2	.3

[1] Includes households with main heating fuel reported as other and none, not shown separately.

Source: U.S. Energy Information Administration; unpublished data from the *Residential Energy Consumption Survey.*

No. 982. World Energy Consumption, by Region and Energy Source: 1960 to 1980

[In tons of coal equivalent. Metric ton=1.1023 short tons. See text, p. 854, for general comments about the data]

Region and energy source	Consumption (mil. metric tons)									Percent distribution		
	1960	1965	1970	1975	1976	1977	1978	1979	1980	1960	1970	1980
World total	**3,970**	**4,971**	**6,430**	**7,462**	**7,872**	**8,076**	**8,318**	**8,634**	**8,548**	**100.0**	**100.0**	**100.0**
United States	1,477	1,783	2,227	2,284	2,378	2,406	2,428	2,470	2,370	37.2	34.6	27.7
Western Europe	783	1,003	1(295	1,407	1,502	1,482	1,516	1,619	1,559	19.7	20.1	18.2
Japan	109	178	317	354	407	413	419	431	431	2.7	4.9	5.0
Centrally planned economies [1]	1,201	1,444	1,783	2,292	2,400	2,522	2,630	2,715	2,745	30.3	27.7	32.1
Rest of world	400	563	808	1,125	1,185	1,253	1,325	1,399	1,443	10.1	12.6	16.9
Energy source:												
Solid fuels	1,981	2,070	2,184	2,309	2,398	2,448	2,491	2,637	2,669	49.9	34.0	31.2
Liquid fuels	1,311	1,902	2,798	3,374	3,603	3,716	3,800	3,867	3,709	33.0	43.5	43.4
Natural gas	593	882	1,293	1,556	1,640	1,663	1,754	1,842	1,871	14.9	20.1	21.9
Electricity	85	116	155	223	231	248	274	288	300	2.1	2.4	3.5

[1] Includes China, Dem. People's Rep. of Korea, Mongolia, Vietnam, Albania, Bulgaria, Czechoslovakia, German Dem. Rep., Hungary, Poland, Romania, and Soviet Union.

Source: Statistical Office of the United Nations, New York, N.Y., *Yearbook of World Energy Statistics.* (Copyright.)

No. 983. World Primary Energy Production, by Region and Type: 1973 to 1980

[In quadrillion Btu. Btu=British thermal units. For Btu conversion factors, see source]

Region and type	1973	1974	1975	1976	1977	1978	1979	1980, prel.
World total	**246.28**	**250.41**	**247.33**	**261.79**	**270.87**	**277.29**	**290.57**	**286.65**
North America	73.74	72.70	71.31	71.50	72.53	74.58	78.32	80.84
United States	62.39	61.18	59.99	60.01	60.21	61.14	63.82	64.76
Central and South America	12.67	11.97	10.63	10.79	11.02	11.28	12.13	11.91
Western Europe	19.58	20.07	21.37	22.16	24.20	25.28	27.73	28.12
Eastern Europe [1]	51.46	54.17	56.54	59.55	62.26	64.67	66.91	68.36
Middle East	46.83	48.60	43.78	49.45	50.18	47.86	48.29	41.51
Africa	14.89	13.98	13.25	15.53	16.49	16.37	18.16	17.22
Far East and Oceania	27.12	28.93	30.45	32.83	34.19	37.24	39.03	38.69
Crude oil	117.99	118.24	111.85	121.45	125.97	126.69	131.95	125.55
Natural gas	43.31	44.19	44.05	46.04	47.92	49.71	52.03	52.36
Natural gas liquids	4.25	4.37	4.36	4.53	4.70	4.90	5.28	5.43
Coal	65.04	65.92	68.25	70.18	71.25	72.67	76.86	77.78
Hydroelectric power	13.52	14.83	15.02	15.06	15.60	16.97	17.77	18.14
Nuclear	2.17	2.86	3.79	4.52	5.42	6.35	6.68	7.39

[1] Includes U.S.S.R.

Source: U.S. Energy Information Administration, *International Energy Annual.*

No. 984. International Flow of Crude Oil, by Area: 1979

[In thousands of barrels per day]

Exporting area	Importing area								
	Total [1]	North America			Western Europe		Eastern Europe	Middle East [2] and Africa	Japan
		U.S.	Canada	Central America	Atlantic ocean, North Sea	Mediterranean Sea			
World total	**31,825**	**6,519**	**605**	**3,176**	**6,948**	**4,722**	**1,884**	**737**	**4,712**
North America	994	709	72	172	41	–	–	–	–
United States	235	(X)	72	[3] 163	–	–	–	–	–
Central and South America	1,852	488	216	805	279	39	–	20	5
Western Europe	954	279	2	1	665	1	6	–	–
U.S.S.R.	2,600	–	–	120	370	335	1,652	30	1
Middle East	17,656	2,096	290	1,402	4,059	3,285	137	637	3,576
Africa	5,888	2,495	25	639	1,523	1,045	89	50	10
Far East and Oceania	1,881	452	–	37	11	17	–	–	1,120

– Represents zero. X Not applicable. [1] Includes other Far East and Oceania not shown separately. [2] Shipments to Jordan, Lebanon, and Syria only. [3] Includes shipments to Puerto Rico and Virgin Islands.

Source: U.S. Energy Information Administration, *International Energy Annual.*

No. 985. U.S. Foreign Trade in Selected Mineral Fuels: 1960 to 1981

[Btu=British thermal units. See text, p. 569. Minus sign (–) denotes an excess of imports over exports. See also *Historical Statistics, Colonial Times to 1970*, series M 100, 101, 127, 128, 140, 141, 178, and 181]

Year	Natural gas: Imports: Bil. cu. ft.	Natural gas: Imports: Tril. Btu	Natural gas: Exports: Bil. cu. ft.	Natural gas: Exports: Tril. Btu	Natural gas: Net trade: Bil. cu. ft.	Natural gas: Net trade: Tril. Btu	Crude oil: Imports [1]: Mil. bbl.	Crude oil: Imports [1]: Tril. Btu	Crude oil: Exports: Mil. bbl.	Crude oil: Exports: Tril. Btu	Crude oil: Net trade: Mil. bbl.	Crude oil: Net trade: Tril. Btu
1960	155.6	161	11.3	12	–144.3	–149	372	2,196	3	18	–369	–2,178
1965	456.4	471	26.1	27	–430.3	–444	452	2,654	1	6	–451	–2,648
1970	820.8	846	69.8	72	–751.0	–774	483	2,814	5	29	–478	–2,785
1971	934.5	964	80.2	83	–854.3	–881	613	3,573	1	3	–612	–3,570
1972	1,019.5	1,047	78.0	80	–941.5	–967	811	4,712	(z)	1	–811	–4,710
1973	1,032.9	1,060	77.2	79	–955.7	–981	1,184	6,887	1	4	–1,183	–6,883
1974	959.3	985	76.8	78	–882.5	–907	1,269	7,395	1	6	–1,268	–7,389
1975	953.0	978	72.7	74	–880.3	–904	1,498	8,721	2	12	–1,496	–8,709
1976	963.8	988	64.7	66	–899.1	–922	1,935	11,239	3	17	–1,932	–11,221
1977	1,011.0	1,037	55.6	56	–955.4	–981	2,414	14,027	18	106	–2,396	–13,921
1978	965.5	995	52.5	53	–913.0	–941	2,320	13,460	58	335	–2,262	–13,125
1979	1,253.4	1,300	55.7	56	–1,197.7	–1,243	2,380	13,825	86	497	–2,294	–13,328
1980	984.8	1,006	48.7	49	–900.1	–957	1,926	11,195	105	609	–1,821	–10,586
1981	877.0	896	50.0	51	–827.0	–846	1,605	9,328	83	482	–1,522	–8,846

Year	Coal: Imports: 1,000 sh. tons	Coal: Imports: Tril. Btu	Coal: Exports [2]: 1,000 sh. tons	Coal: Exports [2]: Tril. Btu	Coal: Net trade: 1,000 sh. tons	Coal: Net trade: Tril. Btu	Petroleum products: Imports: Mil. bbl.	Petroleum products: Imports: Tril. Btu	Petroleum products: Exports: Mil. bbl.	Petroleum products: Exports: Tril. Btu	Petroleum products: Net trade: Mil. bbl.	Petroleum products: Net trade: Tril. Btu
1960	262	7	37,981	1,023	37,719	1,017	293	1,802	71	413	–222	–1,389
1965	184	5	52,165	1,376	51,981	1,372	449	2,748	67	386	–382	–2,366
1970	36	1	72,419	1,935	72,383	1,935	765	4,656	89	520	–676	–4,136
1971	111	3	58,022	1,546	57,911	1,543	819	4,968	81	470	–738	–4,498
1972	47	1	57,188	1,530	57,141	1,530	924	5,587	81	467	–843	–5,120
1973	127	3	54,030	1,456	53,903	1,453	1,099	6,578	84	482	–1,015	–6,096
1974	2,080	52	61,095	1,637	59,015	1,585	962	5,731	79	458	–883	–5,273
1975	940	24	66,765	1,789	65,825	1,766	712	4,227	74	427	–638	–3,800
1976	1,203	30	60,594	1,620	59,391	1,590	741	4,434	79	452	–662	–3,982
1977	1,647	41	54,713	1,465	53,066	1,424	800	4,728	70	408	–730	–4,320
1978	2,953	74	40,967	1,097	38,014	1,024	733	4,364	74	432	–659	–3,932
1979	2,059	51	66,381	1,781	64,322	1,729	707	4,108	86	505	–621	–3,603
1980	1,194	30	92,082	2,400	90,888	2,371	603	3,463	94	551	–509	–2,912
1981	1,043	26	112,914	2,945	111,871	2,918	575	3,306	134	782	–441	–2,524

Z Less than 500,000. [1] Beginning 1977 includes strategic petroleum reserve imports. [2] Includes shipments to U.S. Armed Forces.

Source: U.S. Energy Information Administration, *Annual Report to Congress*, vol. II.

No. 986. Crude Oil Imports Into U.S., by Country of Origin: 1970 to 1981

Country	Imports (mil. 42-gal. bbls.) 1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	Percent distribution 1970	1975	1981
Total	**483**	**811**	**1,184**	**1,269**	**1,498**	**1,935**	**2,414**	**2,320**	**2,380**	**1,926**	**1,605**	**100.0**	**100.0**	**100.0**
Canada	245	312	365	289	219	136	102	90	99	73	60	50.7	14.6	3.7
Mexico	-	-	(z)	1	26	32	65	115	160	186	171	-	1.7	10.7
Norway	-	-	-	(z)	5	13	18	38	28	53	42	-	.3	2.6
Trinidad-Tobago	(z)	9	22	23	42	38	49	52	45	42	37	(z)	2.8	2.3
United Kingdom	-	-	-	-	-	5	36	62	72	63	135	-	-	8.4
OPEC	**222**	**475**	**767**	**926**	**1,171**	**1,663**	**2,058**	**1,892**	**1,866**	**1,414**	**1,067**	**46.0**	**78.2**	**66.5**
Algeria	2	32	44	66	96	149	198	231	222	167	95	.4	6.4	5.9
Ecuador	-	5	17	15	21	19	20	14	11	6	14	-	1.4	.9
Gabon	-	-	-	9	10	10	13	14	15	9	13	-	.6	.8
Indonesia	26	60	73	103	138	196	185	195	139	115	116	5.4	9.2	7.2
Iran	12	50	79	169	102	109	193	202	108	3	-	2.5	6.8	-
Iraq	-	1	2	-	(z)	10	27	23	32	10	-	-	(z)	-
Kuwait	12	13	15	2	1	(z)	15	2	2	10	-	2.5	.1	-
Libya	17	40	49	1	81	162	257	233	234	200	116	3.5	5.4	7.2
Nigeria	17	89	164	254	272	371	412	332	390	308	223	3.5	18.2	13.9
Qatar	-	1	3	6	7	9	24	23	11	8	3	-	.5	.2
Saudi Arabia	15	64	169	160	256	447	501	417	492	458	406	3.1	17.1	25.3
United Arab Emirates	23	27	26	25	43	93	122	141	103	63	28	4.8	2.9	1.7
Venezuela	98	93	126	116	144	88	91	66	107	57	54	20.3	9.6	3.3
Other	16	15	30	30	35	48	86	71	110	95	93	3.3	2.3	5.8

- Represents zero. Z Less than 500,000 or less than .05 percent.

Source: 1970–1976, U.S. Bureau of Mines, *Minerals Yearbook* and *Mineral Industry Surveys;* thereafter, U.S. Energy Information Administration, *Energy Data Report, Petroleum Statement*, annual.

No. 987. Crude Oil and Refined Products Summary: 1973 to 1982

[Barrels of 42 gallons]

Year and month	Crude oil (1,000 bbl. per day): Input to refineries	Crude oil (1,000 bbl. per day): Domestic production	Crude oil (1,000 bbl. per day): Imports: Total [1]	Crude oil (1,000 bbl. per day): Imports: Strategic reserve	Crude oil (1,000 bbl. per day): Exports	Refined oil products (1,000 bbl. per day): Domestic demand	Refined oil products (1,000 bbl. per day): Imports	Refined oil products (1,000 bbl. per day): Exports	Total oil imports [2] (1,000 bbl. per day)	Crude oil stocks [3] (mil. bbl.): Total	Crude oil stocks [3] (mil. bbl.): Strategic reserve
1973, avg	12,431	9,208	3,244	(x)	2	17,308	3,012	229	6,256	242	(x)
1974, avg	12,133	8,774	3,477	(x)	3	16,653	2,635	218	6,112	265	(x)
1975, avg	12,442	8,375	4,105	(x)	6	16,322	1,951	204	6,056	271	(x)
1976, avg	13,416	8,132	5,287	(x)	8	17,461	2,026	215	7,313	285	(x)
1977, avg	14,602	8,245	6,594	80	50	18,431	2,193	193	8,807	348	7
1978, avg	14,739	8,707	6,195	161	158	18,847	2,008	204	8,363	376	67
1979, avg	14,648	8,552	6,452	67	235	18,513	1,937	236	8,456	430	91
1980, avg	13,481	8,597	5,219	44	287	17,056	1,646	258	6,909	466	108
1st qtr	14,063	8,693	6,039	–	328	18,338	1,961	233	8,000	459	91
2d qtr	13,503	8,625	5,392	–	295	16,401	1,465	265	6,857	473	91
3d qtr	13,186	8,526	4,768	18	211	16,114	1,444	256	6,229	469	93
4th qtr	13,180	8,545	4,688	157	314	17,376	1,717	276	6,562	466	108
1981, avg	12,477	8,562	4,150	256	228	16,001	1,576	367	5,981	599	230
1st qtr	12,843	8,577	4,659	109	251	17,021	1,762	320	6,531	518	121
2d qtr	12,272	8,551	3,943	326	212	15,487	1,362	317	5,631	555	163
3d qtr	12,563	8,531	4,114	287	219	15,522	1,552	360	5,953	561	199
4th qtr	12,236	8,588	3,893	297	230	15,988	1,628	468	5,817	599	230
1982, avg	11,394	8,651	3,158	172	287	15,792	1,641	552	4,798	614	249
1st qtr	11,394	8,651	3,158	172	287	15,792	1,641	552	4,798	614	249

– Represents zero. X Not applicable. [1]Excludes Strategic Petroleum Reserve. [2]Crude oil (including Strategic Petroleum imports) plus refined products. [3]End of year or quarter.

Source: U.S. Energy Information Administration, 1973–1978, *Monthly Energy Review;* thereafter, *Quarterly Report—Report to Congress, Fourth Quarter 1980, Fourth Quarter 1981,* and *First Quarter 1982.*

No. 988. Energy Producing Companies—Selected Financial and Investment Indicators, 1975 to 1980, and by Line-of-Business, 1980

[Based on data from 26 major publicly-owned domestic crude oil producing companies which either had at least one percent of domestic production or reserves of oil, natural gas, coal, or uranium, or at least one percent of refining capacity or petroleum product sales]

Item	1975	1976	1977	1978	1979	1980, prel.: Total [1]	1980, prel.: Line-of-business: Petroleum	1980, prel.: Line-of-business: Coal	1980, prel.: Line-of-business: Nuclear	1980, prel.: Line-of-business: Other energy	1980, prel.: Line-of-business: Non-energy
INCOME STATEMENT (bil. dol.)											
Operating revenues	215.5	243.7	266.6	294.8	392.6	518.6	466.3	3.9	.8	1.2	66.2
Operating expenses	191.2	219.8	239.3	265.0	345.8	455.9	417.6	3.6	.9	1.1	63.8
Operating income	24.3	24.0	27.3	29.8	46.8	62.7	63.2	.3	–.1	(z)	2.4
Pretax income	26.5	26.0	28.2	30.2	48.6	66.9	66.5	.3	–.3	(z)	2.9
Funds from operations	20.7	22.7	25.9	29.0	41.3	53.3	47.2	.7	.1	.3	5.3
BALANCE SHEET (bil. dol.)											
Net property, plant, and equipment	97.3	111.1	125.9	138.1	159.3	188.9	145.3	2.9	.8	.8	52.0
Net investment in place [2]	106.0	120.2	135.1	148.1	169.9	202.6	151.5	5.0	1.3	2.8	38.7
Total assets	173.7	196.9	217.1	237.1	282.8	333.0	(NA)	(NA)	(NA)	(NA)	(NA)
RATIOS (percent)											
Net income to operating revenues	4.8	4.9	4.8	4.7	6.0	6.0	6.2	7.1	–8.5	3.6	3.4
Net income to total assets	5.9	6.1	5.8	5.9	8.3	9.3	(NA)	(NA)	(NA)	(NA)	(NA)
Net income to stockholders' equity	12.3	13.1	12.6	12.8	18.8	21.1	(NA)	(NA)	(NA)	(NA)	(NA)
Long-term debt to stockholders' equity [3]	35.6	38.7	38.9	35.6	33.7	31.5	(NA)	(NA)	(NA)	(NA)	(NA)
Long-term debt to total assets [3]	17.1	18.0	18.0	16.3	14.9	13.9	(NA)	(NA)	(NA)	(NA)	(NA)

NA Not available. Z Less than $50 million. [1]Includes items which cannot be allocated and adjusted for duplication, not shown separately. [2]Composed of net property, plant and equipment plus investment and advances to unconsolidated subsidiaries. [3]Long-term debt includes amounts applicable to capitalized leases.

Source: U.S. Energy Information Administration, *Performance Profiles of Major Energy Producers,* annual, and unpublished data.

No. 989. Petroleum and Coal Products—Sales, Net Profit, and Profit Per Dollar of Sales: 1970 to 1981

[Profit rates are averages of quarterly figures at annual rates]

ITEM	Unit	1970	1973	1974 [1]	1974 [2]	1975 [2]	1976 [2]	1977 [2]	1978 [2]	1979 [2]	1980 [2]	1981 [2]
Sales	Bil. dol.	64.1	97.8	180.4	113.5	121.8	141.3	162.3	180.3	242.7	333.2	376.1
Net profit:												
Before taxes [3]	Bil. dol.	7.0	9.5	15.6	17.7	13.3	16.9	17.8	19.2	32.2	39.1	35.3
After taxes	Bil. dol.	5.9	7.4	12.3	14.5	9.3	11.7	12.2	12.8	21.9	25.5	23.7
Depreciation [4]	Bil. dol.	4.5	5.7	(NA)	5.1	5.6	5.9	6.6	7.7	9.5	11.6	13.7
Profits per dollar of sales:												
Before taxes [3]	Cents	11.0	9.8	8.6	15.6	10.9	12.0	11.0	10.6	13.3	11.7	9.4
After taxes	Cents	9.2	7.6	6.8	12.8	7.6	8.3	7.5	7.1	9.0	7.7	6.3
Profits on stockholders' equity:												
Before taxes [3]	Percent	13.0	14.9	(NA)	25.8	17.9	20.3	19.9	19.8	30.0	30.7	25.6
After taxes	Percent	11.0	11.6	(NA)	21.1	12.5	14.1	13.6	13.3	20.4	20.0	17.2

NA Not available. [1] Estimates based on FTC reporting requirements in use prior to 1974. [2] Beginning 1974, based on new FTC reporting requirements. [3] Federal income taxes. [4] Includes depletion and accelerated amortization of emergency facilities.

Source: U.S. Federal Trade Commission, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations.*

No. 990. Major Petroleum Companies—Financial Data Summary: 1970 to 1981

[Data represent a composite of approximately 41 major worldwide petroleum companies aggregated on a consolidated, total company basis]

ITEM	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
FINANCIAL DATA (bil. dol.)											
Net income	6.9	6.8	11.8	15.9	11.6	14.3	15.1	16.0	32.8	32.9	30.0
Depreciation, depletion, etc	7.4	9.1	10.5	13.0	11.3	14.8	18.3	19.8	24.9	32.5	39.1
Cash flow [1]	14.2	15.9	22.3	28.9	22.8	29.1	33.4	35.8	57.7	65.4	69.1
Dividends paid	3.8	3.8	4.0	4.5	4.7	5.4	6.3	6.8	8.0	9.3	10.0
Net internal funds available for investment or debt repayment [2]	10.5	12.1	18.3	24.5	18.1	23.7	27.1	29.0	49.7	56.1	59.1
Capital and exploratory expenditures	13.3	14.3	16.3	25.8	26.9	30.7	31.8	37.1	51.1	62.1	80.3
Long-term capitalization	84.5	93.7	102.9	112.9	121.1	142.9	150.1	168.0	196.9	211.4	246.4
Long-term debt	18.5	21.8	22.5	25.0	28.9	39.1	38.4	45.1	48.1	49.8	63.3
Preferred stock	1.3	.4	.4	.4	.4	.3	.9	.9	.9	2.0	2.6
Common stock and retained earnings [3]	64.6	71.5	80.0	87.4	91.9	103.5	110.8	122.0	147.9	159.6	180.5
Excess of expenditures over cash income [4]	2.8	2.2	−2.0	1.3	8.9	6.9	4.7	8.1	1.4	6.0	21.2
RATIOS [5] (percent)											
Long-term debt to long-term capitalization	21.9	23.3	22.0	22.2	23.8	27.4	25.6	26.8	24.4	23.6	25.7
Net income to total average capital	8.3	7.4	12.0	14.8	10.0	10.7	10.1	9.9	17.8	17.0	10.4
Net income to avg. common equity	10.7	9.7	15.6	19.0	13.1	14.3	13.9	13.5	24.0	22.5	17.7

[1] Generally represents internally-generated funds from operations. Sum of net income and noncash charges such as depreciation, depletion, and amortization. [2] Cash flow minus dividends paid. [3] Includes common stock, capital surplus, and earned surplus accounts after adjustments. [4] Capital and exploratory expenditures plus dividends paid minus cash flow. [5] Represent approximate year-to-year comparisons because of changes in the makeup of the group due to mergers and other corporate changes.

Source: Carl H. Pforzheimer & Co., New York, N.Y., *Comparative Oil Company Statements, 1980–1981* and earlier reports.

No. 991. Electric Utility Production, 1960 to 1981, Projections, 1982 to 1990

[Excludes industrial facilities and railways having own generating facilities. For explanation of average annual percent change, see Guide to Tabular Presentation]

ITEM	1960	1965	1970	1975	1979	1980	1981, prel.	1982	1985	1990
Energy use (bil. kWh)	753	1,055	1,532	1,918	2,247	2,286	2,295	2,436	2,698	3,150
Annual percent change [1]	6.7	7.0	7.7	1.5	1.9	3.6	.4	6.1	3.5	3.1
Per capita [2] kWh (1,000)	4.2	5.5	7.5	9.0	10.0	10.1	10.0	(NA)	(NA)	(NA)
Peak load net capability, July (mil. kW)	138	189	276	345	403	430	442	454	498	576
Annual percent change [1]	7.1	6.5	7.9	1.6	1.0	6.7	2.8	2.7	3.1	3.0

NA Not available. [1] Average annual change from prior year shown; for 1960, change from 1955. [2] For resident population of the 50 States and D.C. estimated for July 1, based on U.S. Bureau of the Census population data.

Source: 1960–1975, U.S. Federal Power Commission, unpublished data; 1976–1980, U.S. Energy Information Administration, and *Electric Energy and Peak Load* annual; thereafter, *Electric Power Annual.*

No. 992. Electric Energy Production and Installed Generating Capacity, by Type of Prime Mover and Consumption of Fuels: 1960 to 1981

[Production for **calendar years;** other data as of **December 31.** 1960 excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970,* series S 32-52, S 78-82, and S 86-107]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981
PRODUCTION											
Total [1]	**Bil. kWh**	**842**	**1,158**	**1,640**	**2,003**	**2,125**	**2,212**	**2,285**	**2,319**	**2,286**	**2,295**
Average annual change [2]	Percent	6.0	6.6	7.2	4.1	6.1	4.1	3.3	1.5	(NA)	.4
Production, kWh per kW of capacity	Number	4,529	4,548	4,545	3,798	3,863	3,818	3,818	3,766	3,624	3,519
Industrial plants [3]	Bil. kWh	88	102	108	85	87	88	79	71	(NA)	(NA)
Electric utilities [4]	Bil. kWh	753	1,055	1,532	1,918	2,038	2,124	2,206	2,247	2,286	2,295
Privately owned	Bil. kWh	579	809	1,183	1,487	1,582	1,684	1,721	1,756	1,783	1,786
Percent of total utilities	Percent	76.8	76.7	77.2	77.5	77.6	79.3	78.0	78.1	78.0	77.0
Publicly owned	Bil. kWh	175	246	349	431	456	440	485	491	503	509
Municipal	Bil. kWh	37	50	71	82	78	83	90	87	87	81
Federal	Bil. kWh	112	145	186	221	236	214	235	236	235	232
Cooperatives and other	Bil. kWh	26	51	91	128	141	143	160	168	182	196
Source of energy:											
Coal [5]	Percent	53.5	54.1	46.2	44.7	46.5	46.6	44.4	48.1	51.1	52.7
Nuclear	Percent	.1	.4	1.4	9.0	9.4	11.8	12.5	11.4	11.0	11.9
Oil	Percent	6.1	6.1	11.9	15.1	15.7	16.8	16.5	13.5	10.7	9.0
Gas	Percent	21.0	21.0	24.3	15.6	14.5	14.4	13.8	14.7	15.1	15.1
Hydro	Percent	19.3	18.4	16.2	15.6	13.9	10.4	12.7	12.4	12.1	11.4
INSTALLED CAPACITY											
Total	**Mil. kW**	**186**	**255**	**361**	**527**	**550**	**579**	**598**	**616**	**631**	**652**
Average annual change [2]	Percent	7.3	6.5	7.2	7.9	4.6	5.3	3.3	2.9	2.4	3.3
Industrial plants [3]	Mil. kW	18	18	19	19	19	19	19	17	17	17
Electric utilities [4]	Mil. kW	168	236	342	508	531	560	579	598	614	635
Privately owned	Mil. kW	128	178	263	399	415	438	454	464	477	491
Percent of total utilities	Percent	76.5	75.2	76.9	78.5	78.2	78.2	78.3	77.6	77.7	77.3
Publicly owned	Mil. kW	40	59	79	109	116	122	126	134	137	144
Municipal	Mil. kW	11	15	21	29	31	33	34	34	35	35
Federal	Mil. kW	22	32	39	50	52	53	54	58	59	61
Cooperatives and other	Mil. kW	6	11	19	30	33	36	37	42	43	48
ELECTRIC UTILITIES [4] TYPE OF PRIME MOVER											
Prime movers, total [6]	Number	3,435	3,290	3,533	3,587	3,576	3,587	3,586	3,573	3,575	3,567
Hydro	Number	1,331	1,231	1,188	1,146	1,140	1,145	1,146	1,145	1,142	1,147
Steam conventional	Number	1,055	1,059	998	937	927	926	922	925	934	937
Gas turbine	Number			323	497	510	520	529	537	541	540
Steam nuclear	Number	5	9	16	42	45	49	50	51	51	53
Internal combustion	Number	1,044	991	1,008	965	954	947	939	915	907	890
Production	Bil. kWh	753	1,055	1,532	1,918	2,038	2,124	2,206	2,247	2,286	2,295
Hydro	Bil. kWh	146	194	248	300	284	220	280	280	276	261
Steam conventional	Bil. kWh	602	852	1,241	1,417	1,534	1,619	1,613	1,680	1,731	1,736
Gas turbine	Bil. kWh			16	22	24	29	31	28	24	22
Steam nuclear	Bil. kWh	1	4	22	173	191	251	276	255	251	273
Internal combustion	Bil. kWh	4	5	6	6	5	5	5	4	4	3
Installed capacity	Mil. kW	168	236	342	508	531	560	579	598	614	635
Hydro	Mil. kW	32	44	55	66	68	69	71	75	76	77
Steam conventional	Mil. kW	133	188	260	353	368	388	400	412	425	440
Gas turbine	Mil. kW			15	44	47	48	49	51	51	51
Steam nuclear	Mil. kW	(z)	1	6	40	43	50	54	55	56	61
Internal combustion	Mil. kW	3	3	4	5	5	5	6	5	6	6
ELECTRIC UTILITIES [4] CONSUMPTION OF FUELS											
Net generation by fuel [7]	Bil. kWh	607	861	1,284	1,618	1,754	1,904	1,926	1,968	2,010	2,034
Average annual change [2]	Percent	6.9	7.2	7.6	4.7	8.5	8.5	1.2	2.2	2.1	1.2
Coal [8]	Bil. kWh	403	571	706	853	945	985	977	1,076	1,162	1,204
Percent of total	Percent	66.4	66.3	54.3	52.7	53.8	51.7	50.7	54.7	57.8	59.2
Fuel oil	Bil. kWh	46	65	182	289	320	358	364	303	246	206
Gas	Bil. kWh	158	221	373	300	295	306	305	329	346	346
Nuclear	Bil. kWh	1	4	22	173	191	251	276	255	251	273
Fuel consumed:											
Total coal equivalent	Mil. sh. tons	266	369	583	770	833	922	950	965	985	1,009
Coal, including lignite	Mil. sh. tons	177	245	321	406	448	477	482	527	569	597
Oil	Mil. bbl	85	115	336	506	556	624	636	523	420	351
Gas	Bil. cu. ft	1,724	2,321	3,932	3,158	3,081	3,191	3,188	3,491	3,682	3,640

NA Not available. Z Less than .5 million. [1] Beginning 1980, excludes industrial plants. [2] Change from prior year shown; for 1960, change from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. [3] Plants of 100 kilowatts and over, including stationary powerplants of railroads. [4] For public use. [5] Includes small percentage from wood and waste, geothermal, and petroleum coke. [6] Each prime mover type in combination plants counted separately. [7] Includes limited output of wood, waste, and geothermal power. [8] Includes petroleum coke.

Source: 1960-1970, U.S. Federal Power Commission, *Electric Power Statistics,* and press releases; thereafter, U.S. Energy Information Administration, 1975-1980, *Power Production, Fuel Consumption, and Installed Capacity Data—Annual,* and unpublished data; thereafter, *Electric Power Annual,* and unpublished data.

No. 993. Electric Utility Industry—Capability, Peak Load, and Capability Margin: 1970 to 1981

[Excludes Alaska and Hawaii. Minus sign (–) denotes decrease]

Year	Capability: Total (mil. kW)	Capability: Annual increase (mil. kW)	Capability: Percent annual increase [1]	Peak load: Total (mil. kW)	Peak load: Annual percent change [1]	Capability margin: Total (mil. kW)	Capability margin: Percent of capability
1970: Summer	326.9	26.6	8.9	274.7	6.6	52.3	16.0
December	339.1	27.6	8.9	248.6	5.1	90.5	26.7
1974: Summer	444.4	28.9	7.0	349.3	1.6	95.2	21.4
Winter	467.4	34.2	7.9	302.5	2.5	164.9	35.3
1975: Summer	479.3	34.9	7.9	356.8	2.2	122.5	25.6
Winter	492.5	25.1	5.4	331.1	9.5	161.4	32.8
1976: Summer	498.8	19.5	4.1	370.9	4.0	127.9	25.6
Winter	511.0	18.5	3.8	349.9	5.7	161.1	31.5
1977: Summer	516.0	17.3	3.5	396.4	6.9	119.7	23.2
Winter	537.6	26.6	5.2	360.2	2.9	177.4	33.0
1978: Summer	545.7	29.7	5.8	408.1	3.0	137.7	25.2
Winter	561.6	24.0	4.5	383.1	6.4	178.5	31.8
1979: Summer	558.3	12.6	2.2	411.6	.9	146.7	26.3
Winter	569.2	7.6	1.4	380.7	–.6	188.5	33.1
1980: Summer	558.5	.2	(Z)	427.1	3.8	131.5	23.5
Winter	572.2	3.0	.5	384.6	1.0	187.6	32.8
1981: Summer	572.1	13.8	2.4	430.5	.8	141.5	24.7
Winter	581.1	8.9	1.6	391.2	1.7	189.9	32.7

Z Less than .05 percent. [1] Percent change from previous year; e.g., 1970 from 1969 and 1974 from 1973.

Source: Edison Electric Institute, Washington, D.C., *1979 Statistical Year Book of the Electric Utility Industry* and *1981 Annual Electric Power Survey.*

No. 994. Electric Energy—Production and Installed Generating Capacity, by States: 1975 and 1981

[Capacity as of **Dec. 31.** Covers utilities for public use]

Division and state	Production (bil. kWh): 1975	Production (bil. kWh): 1981 Total	Production (bil. kWh): 1981 Percent privately owned [1]	Installed capacity (mil. kW): 1975	Installed capacity (mil. kW): 1981
U.S.	**1,917.6**	**2,294.8**	**77.8**	**508.3**	**635.0**
N.E	**69.9**	**76.9**	**99.3**	**20.4**	**21.0**
Maine	7.9	9.3	99.9	1.7	2.4
N.H	4.7	5.6	100.0	1.6	1.6
Vt	4.5	4.6	97.4	.9	.9
Mass	30.5	32.9	98.9	9.4	9.7
R.I	.8	.8	100.0	.3	.3
Conn	21.4	23.8	99.9	6.4	6.1
M.A	**238.8**	**254.2**	**87.5**	**67.5**	**79.2**
N.Y	107.3	105.8	70.3	28.4	31.1
N.J	23.2	31.7	99.3	11.4	13.7
Pa	108.2	116.6	99.9	27.7	34.4
E.N.C	**356.4**	**391.0**	**96.1**	**91.5**	**107.9**
Ohio	102.6	111.8	99.1	24.8	27.4
Ind	59.4	67.8	96.5	13.4	16.9
Ill	92.8	98.9	96.9	25.6	29.9
Mich	68.2	75.6	94.3	18.9	22.6
Wis	33.5	37.1	88.6	8.9	11.0
W.N.C	**132.4**	**167.5**	**67.9**	**36.9**	**51.8**
Minn	25.3	31.5	96.4	6.8	8.8
Iowa	15.9	22.6	95.1	5.4	8.2
Mo	40.4	48.8	74.9	11.1	15.0
N. Dak	8.3	16.1	10.7	1.7	3.9
S. Dak	10.1	8.0	33.7	2.1	2.2
Nebr	13.3	16.1	–	3.8	5.2
Kans	19.1	24.5	85.6	6.0	8.6
S.A	**342.3**	**424.0**	**93.8**	**92.5**	**115.8**
Del	6.0	8.3	92.6	1.5	1.6
Md	26.9	30.1	99.8	7.6	9.8
D.C	1.2	.4	100.0	1.3	1.1
S.A.—Con.					
Va	35.3	37.5	99.3	9.7	11.8
W. Va	61.4	73.5	100.0	11.9	15.2
N.C	53.3	72.0	99.1	15.0	17.6
S.C	38.6	41.3	76.8	10.7	12.3
Ga	41.7	61.9	98.5	13.0	16.3
Fla	77.8	99.0	85.7	21.7	30.0
E.S.C	**171.8**	**208.6**	**36.0**	**46.1**	**57.8**
Ky	51.1	60.1	41.9	12.1	15.5
Tenn	54.6	59.0	.8	14.3	17.1
Ala	54.7	74.8	49.5	15.2	19.1
Miss	11.4	14.8	84.0	4.6	6.1
W.S.C	**234.0**	**320.8**	**87.8**	**65.8**	**89.0**
Ark	13.7	25.3	93.7	4.9	8.0
La	39.2	44.1	86.9	11.6	14.0
Okla	33.3	44.1	88.3	7.9	12.1
Tex	147.8	207.3	87.2	41.4	54.9
Mt	**111.5**	**169.0**	**63.7**	**27.6**	**39.3**
Mont	11.9	16.6	63.6	2.4	3.2
Idaho	10.3	9.5	67.2	1.7	2.0
Wyo	11.9	26.4	78.6	2.8	5.3
Colo	16.6	25.4	51.1	4.3	6.2
N. Mex	19.7	23.0	97.7	4.1	5.0
Ariz	21.7	40.6	22.5	7.5	10.9
Utah	5.8	11.8	95.7	1.2	2.6
Nev	13.7	15.7	89.3	3.5	4.1
Pac	**260.6**	**282.8**	**47.6**	**60.0**	**73.0**
Wash	93.0	102.6	11.0	16.8	23.3
Oreg	34.5	40.4	36.8	7.6	8.7
Calif	125.4	130.0	78.4	33.7	38.2
Alaska	2.2	3.2	2.9	.7	1.2
Hawaii	5.5	6.6	100.0	1.2	1.6

– Represents zero. [1] Percent privately owned electric utilities of total production or capacity.

Source: U.S. Energy Information Administration, 1975, *Power Production, Fuel Consumption, and Installed Capacity Data—Annual;* 1981, *Electric Power Annual.*

No. 995. Electric Energy Sales, by Class of Service, and by States: 1981

[In billions of kilowatthours]

Division and state	Total [1]	Residential	Commercial	Industrial
Total	**2,116.0**	**710.0**	**502.5**	**826.3**
N.E.	**77.9**	**28.6**	**24.3**	**23.1**
Maine	8.4	3.0	1.6	3.7
N.H.	6.0	2.5	1.1	2.4
Vt.	4.1	1.9	.8	1.2
Mass.	33.1	11.4	12.2	8.5
R.I.	5.0	1.8	1.7	1.4
Conn.	21.2	8.1	6.9	5.9
M.A.	**255.7**	**78.0**	**70.8**	**95.0**
N.Y.	105.9	30.5	33.3	32.2
N.J.	49.4	15.9	16.7	16.3
Pa.	100.4	31.6	20.8	46.5
E.N.C.	**373.8**	**114.9**	**79.3**	**166.3**
Ohio	112.1	32.6	19.8	55.9
Ind.	60.3	18.6	9.9	31.2
Ill.	94.9	28.4	25.3	35.0
Mich.	69.6	21.8	15.2	30.9
Wis.	37.0	13.5	9.1	13.4
W.N.C.	**143.8**	**54.5**	**33.4**	**52.0**
Minn.	33.5	11.6	5.0	16.0
Iowa	24.4	9.4	4.8	9.6
Mo.	41.1	16.9	12.0	11.4
N. Dak.	5.3	2.5	.9	1.6
S. Dak.	5.0	2.5	.9	1.4
Nebr.	13.3	5.2	3.5	4.1
Kans.	21.2	6.5	6.2	8.0
S.A.	**366.3**	**144.7**	**87.0**	**122.2**
Del.	5.8	1.8	1.5	2.4
Md. [2]	42.1	13.3	11.2	16.8
S.A.—Con.				
Va.	49.4	20.1	11.9	11.8
W. Va.	21.1	6.8	3.7	10.5
N.C.	64.8	24.3	13.5	25.8
S.C.	37.9	12.5	8.0	16.5
Ga.	51.9	19.8	11.7	19.8
Fla.	93.1	46.0	25.4	18.6
E.S.C.	**194.3**	**66.1**	**31.9**	**92.2**
Ky.	48.6	13.3	6.7	26.6
Tenn.	71.8	25.6	13.4	31.8
Ala.	50.2	17.0	7.1	25.6
Miss.	23.8	10.2	4.6	8.2
W.S.C.	**295.6**	**94.7**	**63.0**	**126.9**
Ark.	27.1	10.1	4.8	11.4
La.	54.9	17.0	9.5	24.3
Okla.	30.7	11.5	7.2	10.1
Tex.	183.0	56.1	41.5	81.1
Mt.	**115.7**	**35.7**	**29.9**	**44.9**
Mont.	10.9	2.9	2.0	5.8
Idaho	14.3	4.9	4.2	5.1
Wyo.	7.7	1.5	1.1	5.0
Colo.	21.1	6.7	7.1	6.7
N. Mex.	8.9	2.5	2.9	2.9
Ariz.	29.8	10.2	8.3	9.0
Utah	11.5	3.3	2.6	4.8
Nev.	11.4	3.8	1.6	5.5
Pac.	**293.0**	**93.0**	**82.9**	**103.6**
Wash.	71.8	24.3	11.3	32.9
Oreg.	37.9	13.2	10.3	14.0
Calif.	174.4	52.7	59.4	52.8
Alaska	2.6	1.1	.5	.9
Hawaii	6.3	1.8	1.4	3.1

[1] Includes other service, not shown separately. [2] Includes District of Columbia.

Source: U.S. Energy Information Administration, *Electric Power Annual.*

No. 996. Federal Electric Utility Projects—Installed Capacity and Investment Allocated to Electric Plant: 1960 to 1979

[As of **June 30**. Comprises only electricity-generating plant of these projects; excludes projects not primarily manufacturing electricity (e.g., West Point, Annapolis). Investments represent allocation to power projects for capital equipment and improvements. Reserves for depreciation not deducted]

Project group or system	Installed capacity (1,000 kW)					Investment allocated [1] (mil. dol.)				
	1960	1970	1975	1978	1979	1960	1970	1975	1978	1979
Total	**22,616**	**36,650**	**47,394**	**54,530**	**52,051**	**5,398**	**10,121**	**15,043**	**21,456**	**21,460**
Percent capacity of all electric utilities	13.5	10.7	9.7	9.5	9.0	(X)	(X)	(X)	(X)	(X)
Central Valley:										
Bureau of Reclamation	630	1,322	1,331	1,141	(NA)	138	213	332	239	(NA)
Columbia Basin:										
Bonneville Power Admin.[2]	–	–	–	–	–	480	1,118	1,626	1,969	2,061
Bureau of Reclamation	2,282	2,464	2,733	5,167	5,167	277	359	621	859	1,065
Corps of Engineers	3,781	6,522	8,177	10,774	11,448	850	1,603	2,315	3,383	3,531
Hoover and Parker-Davis:										
Bureau of Reclamation	1,595	1,690	1,690	1,705	(NA)	209	225	230	236	(NA)
Missouri Basin:										
Bureau of Reclamation	397	693	691	708	(NA)	304	508	552	609	(NA)
Corps of Engineers	745	2,048	2,048	2,055	2,095	357	714	721	733	733
Southeastern Power Admin.:										
Corps of Engineers	1,271	1,910	2,083	2,651	2,083	410	644	746	956	810
Southwestern Power Admin.:										
Southwestern Power Admin.[2]	–	–	–	–	–	27	56	61	63	67
Corps of Engineers	601	1,533	1,847	1,926	1,891	203	438	611	615	590
Tennessee Valley Authority	11,032	17,256	25,450	27,032	28,593	2,054	3,703	6,671	10,926	12,254
Other projects	282	1,212	1,344	1,371	774	88	540	557	868	349

– Represents zero. NA Not available. X Not applicable. [1] Includes estimates. [2] Transmission.

Source: 1960–1975, U.S. Federal Power Commission; thereafter, U.S. Energy Information Administration, *Statistics of Publicly Owned Electric Utilities in the United States,* annual, and annual summaries.

No. 997. Privately and Publicly Owned Electric Utility Generating Plants—Number and Capacity, by Type and Size of Prime Mover: 1970 to 1981

[Capacity as of Dec. 31. Each prime mover type in combination plants is counted separately]

Type and size of prime mover	Number of prime movers						Capacity (mil. kilowatts)					
	1970	1975	1978	1979	1980	1981	1970	1975	1978	1979	1980	1981
	Privately owned											
Total	**2,037**	**2,074**	**2,084**	**2,087**	**2,094**	**2,097**	**262.8**	**398.9**	**453.5**	**464.0**	**477.0**	**490.8**
Steam conventional	672	622	618	620	626	628	222.4	303.8	342.4	350.9	361.4	371.3
Under 100,000 kW	220	153	138	135	134	132	8.2	6.2	5.6	5.6	5.6	5.7
100,000–500,000 kW	299	252	236	237	239	236	77.1	65.6	63.1	63.3	64.0	63.1
Over 500,000 kW	153	217	244	248	253	260	137.1	232.0	273.7	281.9	291.8	302.4
Steam, nuclear	15	35	42	43	43	44	5.7	33.5	45.0	46.1	48.0	51.0
Over 500,000 kW	7	29	37	37	37	38	4.5	32.3	44.1	44.8	46.8	49.8
Hydro	754	727	731	733	732	734	18.9	23.1	23.8	23.9	24.2	24.3
Over 25,000 kW	165	169	172	173	173	173	15.6	19.9	20.7	20.7	21.0	21.1
Gas turbine	265	388	404	406	411	411	14.4	37.0	40.5	41.4	41.6	42.3
Over 25,000 kW	126	261	276	279	281	283	12.1	34.9	38.4	39.3	39.4	40.1
Internal combustion	331	302	289	285	282	280	1.3	1.5	1.8	1.8	1.8	1.9
Under 5,000 kW	238	198	178	172	166	163	.5	.4	.4	.4	.4	.3
Over 5,000 kW	93	104	111	113	116	117	.9	1.1	1.4	1.4	1.5	1.5
	Publicly owned											
Total	**1,496**	**1,517**	**1,502**	**1,486**	**1,481**	**1,470**	**78.8**	**109.3**	**125.6**	**134.3**	**136.6**	**144.0**
Steam, conventional	326	316	304	305	308	309	37.7	49.6	57.7	61.5	63.1	68.6
Under 100,000 kW	254	226	201	195	195	191	6.9	6.9	6.4	6.2	6.2	6.1
100,000–500,000 kW	58	66	73	75	75	77	12.3	14.8	16.6	17.6	17.4	18.5
Over 500,000 kW	14	24	30	35	38	41	18.5	27.8	34.6	37.6	39.6	44.1
Steam, nuclear	1	10	8	8	8	9	.8	6.2	8.5	8.5	8.5	9.8
Over 500,000 kW	1	4	7	7	7	8	.8	4.9	8.5	8.5	8.5	9.7
Hydro	434	419	415	412	410	413	36.3	42.8	47.2	51.4	52.1	52.8
Over 25,000 kW	164	180	185	186	186	188	35.1	41.7	46.0	50.3	51.0	51.7
Gas turbine	58	109	125	131	130	129	1.1	7.1	8.5	9.1	9.1	9.1
Over 25,000 kW	12	46	60	65	65	65	.4	6.1	7.4	8.1	8.0	8.1
Internal combustion	677	663	650	630	625	610	3.0	3.6	3.8	3.7	3.7	3.7
Under 5,000 kW	471	404	387	361	358	348	1.0	.8	.8	.7	.7	.7
Over 5,000 kW	206	259	263	269	267	262	2.0	2.8	3.0	3.0	3.0	3.0

Source: U.S. Energy Information Administration, unpublished data.

No. 998. Electric Light and Power Industry—Energy Generated, Sales, Revenue, and Customers: 1960 to 1981

[Sales and revenue are to and from ultimate customers]

Class	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980	1981
Energy generated [1]	Bil. kWh	753	1,055	1,532	1,867	1,918	2,038	2,124	2,206	2,247	2,286	2,295
Sales [2]	**Bil. kWh**	**683**	**953**	**1,391**	**1,701**	**1,733**	**1,850**	**1,951**	**2,018**	**2,084**	**2,126**	**2,154**
Residential or domestic	Bil. kWh	196	281	448	555	586	613	652	679	696	734	736
Percent of total	Percent	28.7	29.5	32.2	32.6	33.8	33.2	33.4	33.6	33.4	34.5	34.2
Commercial [3]	Bil. kWh	115	202	313	393	418	441	469	481	495	524	541
Industrial [4]	Bil.kWh	345	433	573	689	662	725	757	782	818	794	800
Revenue [2]	**Bil. dol**	**11.5**	**15.2**	**22.1**	**39.1**	**46.9**	**53.5**	**62.6**	**69.9**	**79.6**	**95.5**	**111.6**
Residential or domestic	Bil. dol	4.9	6.3	9.4	15.7	18.8	21.1	24.7	27.4	31.0	37.6	43.4
Percent of total	Percent	42.2	41.8	42.7	40.1	40.1	39.6	39.4	39.2	38.9	39.4	38.9
Commercial [3]	Bil. dol	2.8	4.3	6.3	11.2	13.5	15.2	18.0	19.7	22.3	27.4	32.3
Industrial [4]	Bil. dol	3.3	3.9	5.4	10.7	12.7	15.0	17.6	20.3	23.8	27.3	32.2
Ultimate customers, Dec. 31 [2]	**Million**	**58.9**	**65.6**	**72.5**	**80.1**	**81.8**	**83.6**	**85.6**	**87.7**	**89.8**	**92.7**	**94.2**
Residential or domestic	Million	51.4	57.6	64.0	71.0	72.6	74.2	75.9	77.8	79.6	82.2	83.5
Commercial [3]	Million	6.8	7.4	7.9	8.5	8.6	8.8	8.9	9.1	9.4	9.7	9.9
Industrial [4]	Million	.5	.3	.4	.4	.4	.4	.4	.5	.5	.5	.5
Avg. kWh used per customer	**1,000**	**11.7**	**14.7**	**19.4**	**21.4**	**21.4**	**22.4**	**23.1**	**23.3**	**23.5**	**23.2**	**23.0**
Residential	1,000	3.9	4.9	7.1	7.9	8.2	8.4	8.7	8.8	8.8	9.0	8.9
Commercial [3]	1,000	17.0	27.4	40.0	46.6	49.0	50.7	52.9	53.1	53.2	54.5	55.0
Avg. annual bill per customer	**Dollar**	**198**	**234**	**308**	**493**	**578**	**646**	**740**	**807**	**897**	**1,040**	**1,192**
Residential	Dollar	95	111	148	224	262	288	329	357	391	462	522
Commercial [3]	Dollar	418	584	803	1,327	1,582	1,755	2,031	2,176	2,394	2,848	3,285
Avg. revenue per kWh sold	***Cents***	***1.69***	***1.59***	***1.59***	***2.30***	***2.70***	***2.89***	***3.21***	***3.46***	***3.82***	***4.49***	***5.18***
Residential	Cents	2.47	2.25	2.10	2.83	3.21	3.45	3.78	4.03	4.43	5.12	5.89
Commercial [3]	Cents	2.46	2.13	2.01	2.85	3.23	3.46	3.84	4.10	4.50	5.22	5.97
Industrial [4]	Cents	.97	.90	.95	1.55	1.92	2.07	2.33	2.59	2.91	3.44	4.03

[1] Source: 1960–1975, U.S. Federal Power Commission; thereafter, U.S. Energy Information Administration, *Monthly Energy Review.* [2] Includes other types not shown separately. [3] Small light and power. [4] Large light and power.

Source: Except as noted, Edison Electric Institute, Washington, D.C., *Statistical Year Book.*

No. 999. Electric Utilities—Balance Sheet and Income Account of Privately Owned Companies: 1960 to 1980

[**In millions of dollars.** As of **Dec. 31.** On the basis of both assets and revenues, these classes (A and B utilities) comprise nearly 100 percent of the privately-owned sector of the electric light and power industry. See also *Historical Statistics, Colonial Times to 1970,* series S 133–146 and V 197–212]

ITEM	1960	1965	1970	1974	1975	1976	1977	1978	1979	1980
COMPOSITE BALANCE SHEET										
Assets and other debits	**44,742**	**56,395**	**87,417**	**142,990**	**157,104**	**173,080**	**192,055**	**211,093**	**234,834**	**259,962**
Electric utility plant [1]	45,456	59,703	93,303	146,007	160,711	177,566	196,815	218,001	242,312	266,921
Depreciation and amortization	*8,889*	*13,631*	*20,253*	*28,870*	*31,891*	*35,567*	*39,814*	*44,482*	*49,699*	*55,452*
Net electric utility plant	36,567	46,072	73,050	117,137	128,820	141,999	157,001	173,519	192,612	211,469
Other utility plant	4,852	6,613	8,974	11,281	11,673	12,097	12,619	13,182	13,868	14,793
Depreciation and amortization	*963*	*1,418*	*2,095*	*2,865*	*3,107*	*3,368*	*3,662*	*3,932*	*4,217*	*4,525*
Net other utility plant	3,889	5,195	6,879	8,416	8,566	8,729	8,957	9,250	9,651	10,268
Total utility plant	50,308	66,315	102,277	157,288	172,384	189,663	209,434	231,183	256,181	281,715
Depreciation and amortization	*9,852*	*15,048*	*22,348*	*31,735*	*34,998*	*38,935*	*43,477*	*48,414*	*53,916*	*59,977*
Net total utility plant	40,456	51,267	79,929	125,553	137,386	150,728	165,957	182,769	202,264	221,738
Other property and investments	1,004	1,247	1,742	4,014	4,498	4,822	5,607	6,375	5,999	6,528
Current and accrued assets	3,066	3,639	5,321	11,873	13,530	15,571	18,182	18,919	22,424	26,186
Deferred debits	216	242	425	1,550	1,691	1,959	2,309	3,030	4,145	5,510
Liabilities and other credits [2]	**44,742**	**56,395**	**87,417**	**142,990**	**157,104**	**173,080**	**192,055**	**211,093**	**234,834**	**259,962**
Capital stock	13,322	15,668	20,782	33,984	37,773	41,613	45,599	49,148	53,782	59,262
Other paid-in capital	1,747	2,622	4,400	9,419	11,531	13,444	15,613	17,899	19,352	21,511
Retained earnings	3,736	5,712	9,363	13,299	14,668	16,233	17,829	19,376	21,025	22,711
Subsidiary earnings [3]	(x)	(x)	(x)	485	602	667	795	943	1,003	1,059
Long-term debt	21,035	25,502	41,937	64,499	70,820	76,210	82,178	88,262	95,664	105,257
Current and accrued liabilities	3,112	4,222	7,309	15,240	13,655	14,054	16,035	18,317	23,398	26,298
Deferred credits and operating reserves	277	546	945	1,855	2,689	4,046	5,664	7,143	8,717	9,806
Deferred income taxes [4]	1,325	1,829	2,198	4,209	5,368	6,813	8,342	10,004	11,890	14,117
COMPOSITE INCOME ACCOUNTS										
Electric operating revenues	10,116	13,400	19,791	37,225	44,598	50,552	58,865	65,427	72,851	87,062
Electric operating expenses	7,917	10,296	15,310	30,134	36,075	41,126	48,579	54,345	61,005	73,424
Net electric operating revenues	2,199	3,104	4,481	7,091	8,523	9,426	10,286	11,082	11,845	13,638
Other utility operating income	198	304	404	495	522	634	589	652	700	741
Total utility operating income	2,397	3,409	4,885	7,586	9,045	10,060	10,875	11,734	12,545	14,379
Other income	178	191	774	1,992	2,208	2,489	2,159	2,516	3,066	3,609
Total income	2,575	3,600	5,659	9,578	11,253	12,549	13,034	14,250	15,611	17,988
Income deductions	792	1,019	2,251	4,454	5,091	5,355	5,026	5,533	6,134	7,312
Net income [5]	1,783	2,581	3,408	5,470	6,132	7,201	8,011	8,717	9,477	10,676

X Not applicable. [1] Includes construction work in progress. [2] Includes contributions in aid of construction through 1970. [3] Unappropriated undistributed. [4] Cumulative. [5] Beginning 1974, includes net extraordinary income.

Source: 1960–1975, U.S. Federal Power Commission; thereafter, U.S. Energy Information Administration, *Statistics of Privately Owned Electric Utilities in the United States,* annual.

No. 1000. Largest Public Utility Companies—Assets, Revenues, Income, and Stockholders' Equity, by Rank of Assets: 1970 and 1981

[**In millions of dollars, except percent.** Excludes telephone and telegraph companies. As of **Dec. 31** or calendar year, as applicable]

ASSET GROUP	1970				1981			
	Assets [1]	Operating revenues [2]	Net income	Stockholders' equity [3]	Assets [1]	Operating revenues [2]	Net income	Stockholders' equity [3]
40 largest	**205.9**	**90.4**	**7.7**	**66.1**	**226.9**	**104.8**	**9.5**	**76.2**
Lowest ten	30.4	17.4	.9	9.0	33.7	19.5	1.5	10.8
Second ten	37.3	20.2	1.7	12.4	42.1	25.0	1.9	14.0
Third ten	51.9	19.5	1.8	16.8	57.1	21.9	2.2	19.2
Highest ten	86.2	33.3	3.3	27.9	94.0	38.4	3.8	32.2
Percent of total:								
Lowest ten	14.8	19.2	11.6	13.6	14.9	18.6	16.4	14.2
Second ten	18.1	22.3	22.1	18.8	18.5	23.8	20.3	18.3
Third ten	25.2	21.5	23.6	25.4	25.2	20.9	23.2	25.2
Highest ten	41.9	36.9	42.7	42.3	41.4	36.7	40.1	42.2

[1] Total assets employed in business, net of depreciation; includes consolidated subsidiaries. [2] Gross receipts from operations during year; includes nonutility revenues from manufacturing, transportation, etc. [3] Capital stock excluding redeemable preferred, surplus, and retained earnings (i.e., net worth).

Source: Time, Inc., New York, N.Y., adapted from *The Fortune Directory,* July issues. (Copyright.)

No. 1001. Privately Owned Gas Utility Industry—Balance Sheet and Income Account: 1960 to 1981

[In millions of dollars. Excludes Alaska for 1960. The gas utility industry consists of pipeline and distribution companies. Excludes operations of companies distributing gas in bottles or tanks. See also *Historical Statistics, Colonial Times to 1970*, series S 205-218]

ITEM	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981
COMPOSITE BALANCE SHEET										
Assets, total [1]	**20,000**	**25,640**	**34,929**	**50,286**	**55,261**	**59,697**	**62,918**	**70,245**	**75,725**	**87,377**
Total utility plant	20,835	28,205	38,541	49,384	52,066	55,020	59,033	62,710	66,767	73,243
Depreciation and amortization	*4,570*	*7,205*	*10,696*	*16,779*	*18,693*	*20,586*	*22,861*	*24,400*	*26,062*	*29,082*
Utility plant (net)	16,265	21,000	27,845	32,605	33,373	34,434	36,172	38,310	40,705	44,161
Investment and fund accounts [1]	1,380	1,885	3,024	9,198	10,876	12,513	12,805	14,097	15,625	19,540
Current and accrued assets	2,185	2,545	3,674	7,543	9,707	11,194	12,129	15,427	17,211	20,698
Deferred debits [2]	170	210	386	940	1,305	1,556	1,815	2,411	2,184	2,980
Liabilities, total [1]	**20,000**	**25,640**	**34,929**	**50,286**	**55,261**	**59,697**	**62,918**	**70,245**	**75,725**	**87,377**
Capitalization, total [1]	16,940	21,520	28,646	39,044	42,379	44,316	45,830	48,165	51,299	57,835
Capital stock [1]	7,810	10,005	12,965	19,500	21,593	23,840	25,585	27,135	29,262	33,237
Long-term debts	9,130	11,515	15,681	19,544	20,786	20,476	20,245	21,030	22,037	24,598
Current and accrued liabilities	2,420	3,035	4,832	8,158	9,063	10,636	11,704	16,024	18,107	22,269
Deferred income taxes [3]	350	660	788	2,052	2,525	2,794	2,991	3,798	4,144	4,991
Other liabilities and credits	290	425	663	1,032	1,294	1,951	2,393	2,257	2,175	2,282
COMPOSITE INCOME ACCOUNT										
Operating revenues, total	8,696	11,525	16,380	30,550	37,618	46,309	52,995	66,931	85,807	102,138
Operating expenses [4]	7,587	10,063	14,306	27,480	34,217	42,685	49,272	62,887	81,517	97,440
Operation and maintenance	5,951	7,973	11,636	22,957	28,949	36,958	43,108	56,281	74,433	89,602
Federal, State, and local taxes	1,058	1,292	1,569	2,763	3,363	3,719	3,980	4,294	4,653	5,070
Operating income	1,109	1,462	2,074	3,070	3,402	3,624	3,723	4,043	4,290	4,698
Utility operating income	1,137	1,503	2,159	3,221	3,543	3,776	3,944	4,296	4,633	5,113
Income before interest charges [1]	1,247	1,660	2,457	4,137	4,646	4,996	5,385	6,303	7,112	8,419
Net income [1]	830	1,107	1,427	2,502	2,877	3,193	3,443	4,208	4,377	5,174
Dividends	581	781	1,006	1,509	1,783	1,959	2,117	2,362	2,566	3,080

[1] Beginning 1975, not comparable with earlier years due to Federal Power Commission ruling requiring adoption of the equity method in reporting earnings of subsidiaries. [2] Includes capital stock discount and expense and reacquired securities. [3] Includes reserves for deferred income taxes. [4] Includes expenses not shown separately.

No. 1002. Gas Utility Industry—Summary: 1960 to 1981

[1960 excludes Alaska. Covers natural, manufactured, mixed, and liquid petroleum gas. Based on questionnaire mailed to all privately and municipally owned gas utilities in U.S., except those with annual revenues less than $25,000. See also *Historical Statistics, Colonial Times to 1970*, series S 190-204]

ITEM	Unit	1960	1965	1970	1975	1976	1977	1978	1979	1980	1981
Customers [1]	1,000	**33,054**	**37,338**	**41,482**	**44,555**	**44,942**	**45,274**	**45,789**	**46,478**	**47,038**	**47,844**
Residential	1,000	30,418	34,341	38,097	40,950	41,338	41,682	42,183	42,821	43,311	44,054
Commercial	1,000	2,458	2,790	3,131	3,367	3,371	3,371	3,370	3,423	3,491	3,555
Industrial and other	1,000	178	207	254	237	233	220	236	234	236	236
Sales [2]	Tril. Btu [3]	**9,288**	**11,980**	**16,044**	**14,863**	**14,814**	**14,341**	**14,748**	**15,440**	**15,409**	**15,380**
Residential	Tril. Btu	3,188	3,999	4,923	4,991	5,014	4,946	5,107	5,083	4,823	4,601
Percent of total	Percent	34.3	33.4	30.7	33.6	33.9	34.5	34.6	32.9	31.3	29.9
Commercial	Tril. Btu	920	1,345	2,007	2,387	2,423	2,409	2,500	2,486	2,442	2,360
Industrial	Tril. Btu	4,710	6,146	8,439	6,837	7,107	6,711	6,841	7,555	7,862	8,220
Other	Tril. Btu	470	490	674	648	270	275	301	316	283	199
Revenues [2]	Mil. dol	**5,617**	**7,407**	**10,283**	**19,101**	**23,701**	**28,303**	**32,150**	**38,947**	**48,276**	**56,343**
Residential	Mil. dol	3,177	4,030	5,207	8,445	9,941	11,541	12,939	14,833	17,409	19,220
Percent of total	Percent	56.6	54.4	50.6	44.2	41.9	40.8	40.2	38.1	36.1	34.1
Commercial	Mil. dol	723	1,054	1,620	3,302	4,075	4,980	5,696	6,624	8,149	9,231
Industrial	Mil. dol	1,563	2,148	3,181	6,745	9,374	11,385	13,065	16,961	22,081	27,247
Other	Mil. dol	153	176	274	608	311	397	450	530	637	645
Prices per mil. Btu [3]	Dollars	**.60**	**.62**	**.64**	**1.29**	**1.60**	**1.97**	**2.18**	**2.52**	**3.13**	**3.66**
Residential	Dollars	1.00	1.01	1.06	1.69	1.98	2.33	2.53	2.92	3.61	4.18
Commercial	Dollars	.79	.78	.81	1.38	1.68	2.07	2.28	2.66	3.34	3.91
Industrial	Dollars	.33	.35	.38	.99	1.32	1.70	1.91	2.24	2.81	3.31
Gas mains mileage	1,000	**631**	**768**	**913**	**980**	**987**	**998**	**1,013**	**1,030**	**1,051**	**1,064**
Field and gathering	1,000	56	62	66	68	70	71	75	78	84	86
Transmission	1,000	184	211	252	263	258	260	261	263	267	270
Distribution	1,000	391	495	595	649	659	667	678	688	701	708
Construction expenditures [4]	Mil. dol	**1,845**	**1,935**	**2,506**	**2,466**	**2,425**	**2,833**	**3,581**	**4,366**	**5,350**	**6,389**
Transmission	Mil. dol	848	770	1,019	590	530	670	935	1,226	1,583	2,352
Distribution	Mil. dol	696	824	913	910	926	1,048	1,228	1,448	1,869	1,955
Production and storage	Mil. dol	216	225	370	831	828	943	1,202	1,406	1,150	1,346

[1] Annual average. [2] Excludes sales for resale. [3] For definition, see text, p. 569. [4] Includes general.

Source of tables 1001 and 1002: American Gas Association, Arlington, Va., *Gas Facts*, annual. (Copyright.)

No. 1003. Gas Utility Industry—Customers, Sales, and Revenues, by Class of Service, and States: 1981

[See headnote, table 1002]

Region and State	Customers [1] (1,000)				Sales [3] (trillion Btu [4])				Revenues [3] (mil. dol.)			
	Total [2]	Residential	Commercial	Industrial	Total [2]	Residential	Commercial	Industrial	Total [2]	Residential	Commercial	Industrial
U.S	**47,834**	**44,054**	**3,552**	**182**	**15,361**	**4,595**	**2,353**	**8,216**	**56,343**	**19,220**	**9,231**	**27,247**
N. Eng	**1,762**	**1,621**	**128**	**9**	**311**	**148**	**86**	**73**	**1,796**	**942**	**486**	**355**
Maine	15	13	2	(z)	2	1	1	1	14	4	6	4
N.H	52	46	6	(z)	10	5	3	2	51	24	17	9
Vt	16	14	1	(z)	4	1	1	2	29	10	6	12
Mass	1,093	1,012	73	5	187	93	53	38	1,077	583	302	181
R.I	173	161	11	1	29	15	5	10	166	92	30	44
Conn	412	376	34	2	78	34	23	21	460	228	126	105
Mid. Atl	**8,155**	**7,567**	**554**	**23**	**1,718**	**792**	**316**	**574**	**7,826**	**3,978**	**1,448**	**2,241**
N.Y	3,943	3,690	234	11	639	348	118	148	3,059	1,822	535	593
N.J	1,850	1,672	171	7	336	151	77	106	1,776	875	412	482
Pa	2,362	2,205	149	6	743	293	121	319	2,992	1,280	502	1,166
E. No. Cent	**10,896**	**10,059**	**788**	**47**	**3,502**	**1,496**	**682**	**1,313**	**12,811**	**5,812**	**2,502**	**4,463**
Ohio	2,768	2,565	194	6	861	387	159	309	3,125	1,496	574	1,030
Ind	1,267	1,160	102	4	480	158	67	252	1,565	568	227	761
Ill	3,318	3,055	244	19	1,053	473	223	356	3,862	1,826	798	1,237
Mich	2,484	2,311	164	10	789	365	176	248	2,922	1,391	662	869
Wis	1,060	968	84	8	320	113	58	149	1,339	531	241	565
W. No. Cent	**4,221**	**3,813**	**393**	**15**	**1,283**	**442**	**269**	**560**	**4,244**	**1,653**	**902**	**1,663**
Minn	836	761	70	5	254	95	45	109	914	391	172	341
Iowa	756	674	81	2	241	77	47	117	834	302	167	363
Mo	1,230	1,135	93	1	287	132	85	69	1,009	504	291	210
N. Dak	89	78	10	(z)	21	9	10	2	81	38	36	6
S. Dak	106	94	11	1	22	10	7	6	78	38	23	17
Nebr	470	407	60	2	138	46	32	60	417	160	97	161
Kans	736	664	67	5	321	74	44	198	911	220	115	566
So. Atl	**4,105**	**3,762**	**325**	**12**	**1,313**	**348**	**233**	**698**	**5,190**	**1,671**	**958**	**2,441**
Del	83	78	5	(z)	24	7	4	12	105	38	18	48
Md	783	728	50	5	166	71	31	63	752	359	143	250
D.C	148	132	15	-	29	14	15	-	152	75	77	-
Va	533	487	43	2	144	50	36	56	591	236	153	194
W. Va	394	361	32	(z)	130	46	24	60	489	191	89	209
N.C	385	340	43	2	148	33	24	90	671	165	114	388
S.C	286	256	25	1	134	19	16	75	520	92	61	281
Ga	1,053	975	75	2	303	94	54	152	1,148	433	195	509
Fla	442	405	35	1	237	15	29	189	763	81	108	562
E. So. Cent	**2,216**	**2,001**	**200**	**5**	**772**	**193**	**104**	**458**	**2,616**	**749**	**374**	**1,443**
Ky	630	573	54	1	168	70	30	63	565	247	102	198
Tenn	513	447	60	2	209	42	34	130	669	147	123	393
Ala	673	621	48	2	217	52	26	138	799	242	98	457
Miss	400	360	38	1	178	29	14	128	583	114	51	395
W. So. Cent	**5,592**	**5,099**	**461**	**25**	**3,679**	**389**	**228**	**2,995**	**11,246**	**1,431**	**763**	**8,874**
Ark	492	436	54	2	215	38	24	151	451	108	61	278
La	1,006	936	67	2	572	68	26	458	1,684	259	93	1,285
Okla	834	754	76	4	452	69	41	342	1,077	195	109	772
Tex	3,260	2,974	264	17	2,440	214	137	2,044	8,034	869	500	6,538
Mt	**2,732**	**2,482**	**239**	**8**	**770**	**222**	**140**	**393**	**2,619**	**866**	**512**	**1,191**
Mont	185	164	20	1	48	18	13	16	188	65	48	66
Idaho	110	95	15	(z)	42	7	8	27	180	37	39	104
Wyo	80	71	8	(z)	40	8	5	27	119	27	16	75
Colo	873	779	92	2	197	75	58	63	743	311	218	210
N. Mex	337	302	31	3	116	26	14	66	356	96	48	182
Ariz	585	540	43	2	142	28	20	92	456	122	69	260
Utah	387	362	24	1	108	46	14	48	296	143	36	117
Nev	176	170	6	(z)	77	14	9	54	282	65	39	177
Pac	**8,154**	**7,650**	**465**	**38**	**2,014**	**565**	**295**	**1,151**	**7,996**	**2,120**	**1,285**	**4,576**
Wash	381	334	44	2	129	28	30	70	611	156	148	305
Oreg	284	249	35	1	75	18	16	42	370	104	81	184
Calif	7,411	6,999	379	33	1,777	510	246	1,019	6,920	1,833	1,037	4,038
Alaska	46	40	5	1	31	8	3	19	45	16	6	23
Hawaii	33	29	2	2	3	1	1	2	50	11	13	26

- Represents zero. Z Fewer than 500. [1] Averages for the year. [2] Includes other service, not shown separately. [3] Excludes sales for resale. [4] For definition, see headnote, table 971.

Source: American Gas Association, Arlington, Va., *Gas Facts*, annual. (Copyright.)

No. 1004. Gas Utility Industry—Prices, by State: 1980

[In dollars per million Btu. For definition of Btu, see headnote, table 971. Excludes sales for resale]

STATE	Total	Residential	Commercial	Industrial	STATE	Total	Residential	Commercial	Industrial	STATE	Total	Residential	Commercial	Industrial
U.S	3.13	3.61	3.34	2.81	Kans	2.23	2.38	2.03	2.24	N. Dak	3.57	3.83	3.34	3.59
					Ky	2.90	3.08	2.97	2.67	Ohio	3.24	3.45	3.23	2.97
Ala	3.13	4.11	3.30	2.72	La	2.36	3.06	2.69	2.23	Okla	2.04	2.35	2.19	1.96
Alaska	1.20	1.73	1.48	.95	Maine	5.15	6.34	5.12	4.29	Oreg	4.64	5.36	4.91	4.20
Ariz	2.81	3.72	2.90	2.45	Md	3.87	4.40	3.95	3.17	Pa	3.45	3.74	3.54	3.14
Ark	1.93	2.31	2.06	1.79	Mass	4.96	5.41	4.85	4.06	R.I	4.99	5.46	5.13	4.15
Calif	3.57	3.38	3.83	3.62	Mich	3.06	3.15	3.14	2.87	S.C	3.03	4.12	3.17	2.88
Colo	2.95	3.22	3.03	2.60	Minn	2.81	3.24	2.92	2.40	S. Dak	2.81	3.11	2.76	2.34
Conn	4.99	5.73	4.72	4.09	Miss	2.70	3.38	3.04	2.52	Tenn	2.69	2.94	2.99	2.53
Del	3.46	4.15	3.77	3.04	Mo	3.04	3.37	2.98	2.51	Tex	2.72	3.30	2.95	2.70
D.C	4.38	4.56	4.21	(x)	Mont	3.03	2.88	2.93	3.17	Utah	2.34	2.68	2.25	2.09
Fla	2.64	4.53	3.26	2.34	Nebr	2.34	2.71	2.32	2.07	Vt	5.66	6.43	6.00	4.93
Ga	3.18	4.06	3.06	2.67	Nev	3.17	3.97	3.95	3.65	Va	3.58	4.24	3.71	2.91
Hawaii	13.01	14.58	12.79	12.50	N.H	4.23	4.53	4.28	3.48	Wash	4.33	4.91	4.48	4.00
Idaho	4.03	4.94	4.33	3.70	N.J	4.40	4.89	4.47	3.60	W. Va	3.26	3.61	3.20	3.01
Ill	3.26	3.46	3.19	3.04	N. Mex	2.68	3.21	2.83	2.44	Wis	3.42	3.80	3.43	3.12
Ind	2.82	3.12	2.92	2.59	N.Y	4.43	4.86	4.14	3.70	Wyo	2.31	2.69	2.45	2.16
Iowa	2.81	3.20	2.85	2.51	N.C	3.46	4.00	3.64	3.22					

X Not applicable.

Source: American Gas Association, Arlington, Va., *Gas Facts*, annual (copyright).

No. 1005. Water Power—Developed and Undeveloped, by Division: 1950 to 1980

[In millions of kilowatts. As of Dec. 31. Excludes Alaska and Hawaii for 1950 and all capacity of reversible equipment at pumped storage projects (12.9 million kW in 1980). Also excludes capacity precluded from development due to wild and scenic river legislation. See also *Historical Statistics, Colonial Times to 1970*, series S 160–175]

DIVISION	DEVELOPED INSTALLED CAPACITY							ESTIMATED UNDEVELOPED CAPACITY						
	1950	1960	1965	1970	1975	1979	1980	1950	1960	1965	1970	1975	1979	1980
U.S	18.7	33.2	44.5	52.0	57.0	63.3	64.4	87.6	114.2	124.1	128.0	113.7	110.5	129.9
New England	1.2	1.5	1.5	1.5	1.5	1.5	1.5	3.3	2.9	3.2	3.3	3.3	3.0	4.7
Middle Atlantic	1.7	2.5	4.8	4.3	4.2	4.2	4.3	6.6	7.6	5.0	4.5	4.3	4.4	5.1
E. No. Central	.9	.9	.9	.9	.9	.9	.9	2.3	3.0	1.4	1.6	1.4	1.3	2.0
W. No. Central	.6	1.6	3.0	2.7	2.8	2.8	2.8	5.8	6.4	4.1	4.4	2.1	2.3	3.4
South Atlantic	2.8	3.8	5.2	5.3	5.8	5.9	5.9	8.2	8.4	10.0	9.6	8.4	8.1	9.6
E. So. Central	2.7	3.8	4.5	5.2	5.5	5.4	5.6	4.7	4.6	4.3	3.8	3.1	3.6	3.3
W. So. Central	.5	.9	1.7	1.9	2.3	2.3	2.3	3.6	3.9	3.1	3.3	2.7	3.1	4.7
Mountain	2.3	4.6	5.6	6.2	6.9	7.3	7.4	23.4	23.6	26.5	26.7	19.6	20.8	34.2
Pacific	6.0	13.6	17.4	23.9	27.2	33.0	33.7	29.8	53.8	66.5	70.9	68.8	63.9	62.9

Source: 1950–1975, U.S. Federal Power Commission, *Hydroelectric Power Resources of the United States, Developed and Undeveloped*, Jan. 1, 1976; thereafter, U.S. Federal Energy Regulatory Commission, unpublished data.

No. 1006. Solar Collector Shipments, by Type, End-Use, and Market Sector: 1974 to 1981

[In thousands of square feet, except number of manufacturers. Solar collector-device for intercepting sunlight, converting the sunlight to heat, and carrying the heat to where it will be either used or stored]

YEAR	Number of manufacturers	Total shipments [1]	COLLECTOR TYPE		END USE			MARKET SECTOR		
			Low temperature	Medium temperature, special, other	Pool heating	Hot water	Space heating	Residential	Commercial	Industrial
1974	45	1,274	1,137	137	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1975	131	3,743	3,026	717	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1976	186	5,801	3,876	1,925	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
1977	321	10,312	4,743	5,569	6,334	1,713	1,699	7,978	1,680	105
1978	340	10,860	5,872	4,988	5,970	2,513	1,736	8,095	1,848	263
1979	349	14,251	8,395	5,857	8,551	2,958	1,722	11,387	2,015	314
1980	276	19,398	12,233	7,165	12,029	4,790	1,688	16,077	2,417	488
1981	282	19,950	8,563	11,387	9,668	7,135	2,017	15,630	2,521	1,518

NA Not available. [1] Includes other end uses and market sectors not shown separately.

Source: U.S. Energy Information Administration, *Solar Collector Manufacturing Activity*, semiannual.

No. 1007. Nuclear Power Plants—Number, Capacity, and Generation, 1965 to 1981

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1981, prel.
Operating reactors [1]	10	19	41	54	57	64	67	71	71	75	74
Capacity [1] (mil. kW)	.9	6.5	24.7	36.9	35.6	44.6	47.1	50.8	50.9	54.7	55.8
Percent of total electric utility capacity	.4	1.9	5.6	7.7	7.0	8.4	8.4	8.8	8.5	8.9	8.8
Electricity generated (bil. kWh)	4	22	84	114	173	191	251	276	255	251	273
Percent of total electric utility generation	.4	1.4	4.5	6.1	9.0	9.4	11.8	12.5	11.4	11.0	11.9

[1] As of yearend. Includes plants shut down permanently or for extended periods.

Source: U.S. Energy Information Administration, *Annual Report to Congress*, vol. II.

No. 1008. Commercial Nuclear Power Generation, by Country: 1970 to 1981

[Generation for **calendar years**; other data as of **December**. Excludes Communist countries]

COUNTRY	REACTORS				ELECTRICITY GENERATED [1] (bil. kWh)				GROSS CAPACITY (1,000 kW)			
	1970	1975	1980	1981	1970	1975	1980	1981	1970	1975	1980	1981
Total	**64**	**140**	**208**	**224**	**73.9**	**329.0**	**617.8**	**728.8**	**15,186**	**69,196**	**128,847**	**145,088**
U.S	15	55	74	77	23.2	181.8	265.2	288.6	5,211	39,399	56,529	61,036
Argentina	-	1	1	1	-	2.5	2.3	2.8	-	340	357	357
Belgium	1	3	3	3	.3	6.8	12.5	12.8	11	1,744	1,744	1,744
Canada	1	5	9	9	.9	13.2	40.4	43.3	220	2,380	5,588	5,588
China: Taiwan	-	-	2	3	-	-	8.2	10.7	-	-	1,272	2,257
Germany, F.R. of	4	7	11	11	5.3	21.7	43.7	53.3	907	3,452	8,996	8,996
Great Britain	27	29	33	33	26.5	30.5	37.2	38.9	4,783	6,135	9,012	9,012
Finland	-	-	4	4	-	-	7.0	14.5	-	-	2,296	2,296
France	4	10	22	30	5.7	18.3	61.2	105.2	1,606	3,066	15,412	23.068
India	2	3	4	4	2.2	2.5	2.9	3.1	400	620	860	860
Italy	3	3	4	4	3.3	3.8	2.2	2.7	631	639	1,490	1,490
Japan	3	10	22	23	3.3	16.7	81.0	83.5	828	5,278	15,117	15,676
Korea, Rep. of	-	-	1	1	-	-	3.5	2.9	-	-	587	587
Netherlands	1	2	2	2	.4	3.3	4.2	3.7	55	523	529	529
Pakistan	-	1	1	1	-	.5	.1	.2	-	137	137	137
Spain	1	3	3	4	.9	7.5	5.2	9.4	160	1,117	1,117	2,047
Sweden	1	5	8	9	(z)	12.0	26.7	37.7	12	3,312	5,770	6,710
Switzerland	1	3	4	4	1.9	7.7	14.3	15.2	364	1,054	2,034	2,034
Yugoslavia	-	-	-	1	-	-	-	.3	-	-	-	664

- Represents zero. Z Less than 50 million kWh. [1] Gross.

Source: McGraw-Hill, Inc., New York, N.Y., *Nucleonics Week*, December issues. (Copyright.)

No. 1009. Uranium Supply, Enrichment, and Discharged Commercial Reactor Fuel: 1965 to 1981

[Years ending **Dec. 31**. Metric ton=1.102 short tons or .984 long ton]

ITEM	Unit	1965	1970	1975	1976	1977	1978	1979	1980	1981
URANIUM (U_3O_8)										
Production	Sh. tons	10,442	12,900	11,600	12,747	14,940	18,490	18,730	21,850	19,000
Exports	Sh. tons	-	2,100	500	600	2,000	3,400	2,600	2,900	1,800
Imports	Sh. tons	4,000	-	700	1,800	2,900	2,600	1,500	1,800	1,900
Delivered price	Dol./lb	(NA)	(NA)	10.50	16.10	19.75	21.60	23.85	26.00	30.95
ENRICHMENT										
Enriched product	Metric tons	146	1,548	2,707	2,685	3,117	3,023	3,507	2,955	3,280
For domestic customers	Metric tons	47	1,176	1,190	1,090	1,881	1,506	2,270	1,905	2,030
For foreign customers	Metric tons	99	372	1,517	1,595	1,236	1,517	1,237	1,050	1,250
Cost of services	Mil. dol	(NA)	83.8	562.6	668.9	659.1	877.2	1,234	1,360	1,488
DISCHARGED COMMERCIAL REACTOR FUEL [1]										
Annual discharge	Metric tons	(NA)	67	547	730	911	1,131	1,226	1,295	1,212
Inventory, yearend	Metric tons	(NA)	[2] 161	1,584	2,314	3,225	4,333	5,559	6,854	8,066

- Represents zero. NA Not available. [1] Uranium content. Source: Nuclear Assurance Corporation, Atlanta, Ga.
[2] Allows for reprocessing.

Source: Except as noted, U.S. Energy Information Administration, *Annual Report to Congress*, vol. II; U.S. Dept. of Energy, *Statistical Data of the Uranium Industry, 1981;* and unpublished data.