

# 1980

101st EDITION

## 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*; *Estimated Retail Food Prices by Cities*; *Retail Prices and Indexes of Fuels and Utilities*; *Estimated Retail Food Prices by Cities*; *Consumer Price Indexes: Energy*; 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 796. The Department of Agriculture's Economics, Statistics, and Cooperatives Service (ESCS) produces indexes of prices received and prices paid by farmers; see section 24. The single year 1967 is currently the standard reference base period for most general-purpose index numbers prepared by Federal agencies.

The Bureau of Labor Statistics (BLS) prepares monthly indexes of producer prices for a large selection of commodities, and monthly indexes of consumer prices for both commodities and services.

**Producer price index.**—This index, dating from 1890, is the oldest continuous statistical series published by the 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 2,800 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 1976, the weights are values of net shipments of commodities as derived from the industrial censuses of 1972 and other data. For January 1967–1975, 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, and 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 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*, 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.

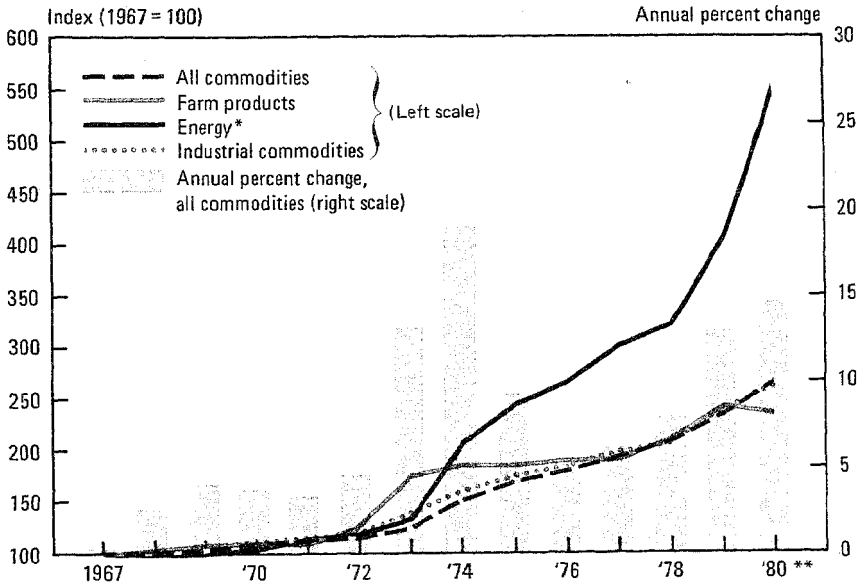
#### NO. 792. PURCHASING POWER OF THE DOLLAR: 1940 TO 1980

[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 monthly average]

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	1957 .....	\$1.098	\$1.186	1969 .....	\$ .938	\$ .911
1945 .....	1.832	1.855	1958 .....	1.073	1.155	1970 .....	.907	.860
1947 .....	1.351	1.495	1959 .....	1.075	1.145	1971 .....	.880	.824
1948 .....	1.252	1.387	1960 .....	1.067	1.127	1972 .....	.853	.798
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 .....	.587	.587
1953 .....	1.175	1.248	1965 .....	1.045	1.058	1977 .....	.554	.551
1954 .....	1.172	1.242	1966 .....	1.012	1.029	1978 .....	.514	.512
1955 .....	1.170	1.247	1967 .....	1.000	1.000	1979 .....	.463	.460
1956 .....	1.138	1.229	1968 .....	.972	.960	1980, May .....	.415	.408

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

Figure 15.1  
**Producer Price Indexes: 1967 to 1980**

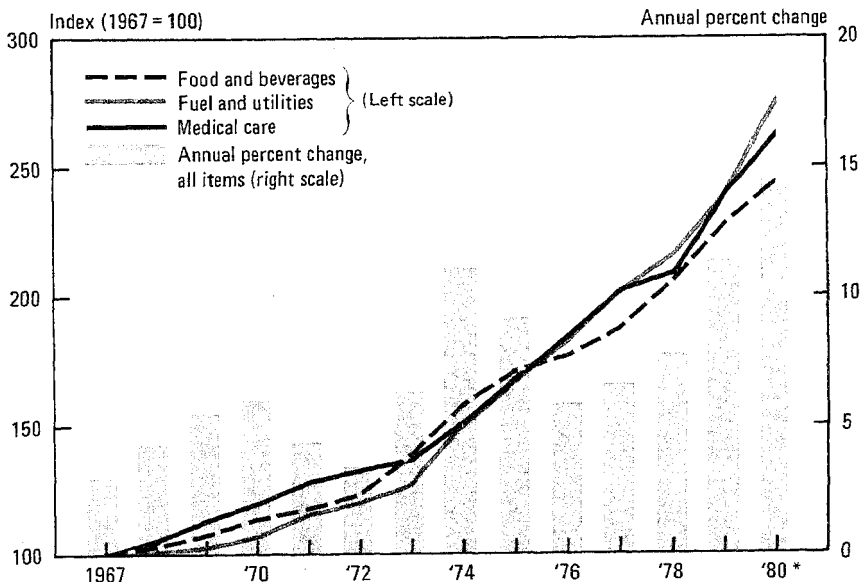


\* Fuel, power, and related products.

\*\* Annual rate for five months ending May. For 1980, percent change, May 1979–May 1980.

Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 794 and 800.

Figure 15.2  
**Consumer Price Indexes: 1967 to 1980**



\* Annual rate for five months ending May. For 1980, percent change May 1979–May 1980.

Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 794 and 808.

# NO. 793. ANNUAL PERCENT CHANGE IN SUMMARY PRICE INDEXES: 1970 TO 1980

[Change based on annual averages of monthly or quarterly indexes]

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
All items, CPI <sup>1</sup>	5.9	4.3	3.3	6.2	11.0	9.1	5.8	6.5	7.7	11.3	<sup>2</sup> 14.4
Finished goods, PPI <sup>1</sup>	3.5	3.1	3.1	9.1	15.3	10.8	4.2	6.0	7.8	10.9	<sup>2</sup> 13.3
GNP <sup>3</sup> price deflators	5.4	5.1	4.1	5.8	9.7	9.6	5.2	6.0	7.3	8.8	<sup>2</sup> 9.2
PCE <sup>3</sup> price deflators	4.6	4.4	3.6	5.5	10.9	8.1	5.1	5.7	6.8	8.9	<sup>2</sup> 10.6

<sup>1</sup> CPI=Consumer price index; PPI=Producer price index; see text pp. 475-476. <sup>2</sup> Change from May 1979-May 1980.

<sup>3</sup> GNP=Gross national product; PCE=Personal consumption expenditures; see table 796. Source: See source for table 796. <sup>4</sup> Change from 2d qtr. 1979-2d qtr. 1980.

# NO. 794. ANNUAL PERCENT CHANGE IN SELECTED PRICE INDEXES: 1960 TO 1979

[Yearly averages. Minus sign (-) denotes decrease. GNP=Gross national product; see text, p. 435]

YEAR OR PERIOD	CONSUMER PRICES						PRODUCER PRICES				GNP DEFLATOR <sup>2</sup>			
	All items	Food	Fuel oil and coal <sup>1</sup>	Electricity	Rent	Services	Finished goods		Inter-mediate goods	Crude goods		Total	Do-mestic business	Non-farm business
							Total	Con-sumer foods		Total	Fuel			
1960 <sup>3</sup>	1.6	1.0	-7	1.3	1.4	3.3	.8	2.2	-	-2.4	1.0	1.7	1.6	1.5
1965 <sup>4</sup>	1.7	2.2	2.0	-5	1.0	2.2	1.7	3.8	1.4	5.1	8	2.2	1.9	1.2
1966	2.9	5.0	2.5	-	1.3	3.9	3.2	6.5	2.5	6.4	3.0	3.3	3.0	2.8
1967	2.9	.9	3.1	.9	1.8	4.4	1.2	-1.6	.8	-5.4	3.8	2.9	2.7	3.2
1968	4.2	3.6	3.1	.9	2.4	5.2	2.9	3.7	2.3	1.6	2.3	4.5	4.0	3.8
1969	5.4	5.1	2.4	1.9	3.2	6.9	3.6	6.1	3.4	6.7	4.0	5.0	4.8	4.5
1970	5.9	5.5	4.3	3.3	4.2	8.1	3.5	3.2	3.9	3.6	14.9	5.4	4.5	4.7
1971	4.3	3.0	6.7	6.6	4.6	5.6	3.1	1.6	3.8	2.5	13.4	5.1	4.5	4.6
1972	3.3	4.3	.9	5.0	3.5	3.8	3.1	5.6	4.0	10.9	7.0	4.1	3.4	3.1
1973	6.2	14.5	14.8	5.0	4.3	4.4	9.1	20.3	10.9	36.4	10.6	5.8	5.5	4.1
1974	11.0	14.4	57.8	18.1	5.1	9.3	15.3	14.0	23.8	12.7	33.4	9.7	9.7	10.1
1975	9.1	8.5	9.6	13.2	5.1	9.5	10.8	8.4	10.5	.4	23.8	9.6	9.9	10.2
1976	5.8	3.1	6.6	6.3	5.4	8.3	4.2	-4	5.2	4.2	15.9	5.2	4.7	5.4
1977	6.5	6.3	13.0	6.6	6.1	7.7	6.0	5.0	6.6	4.5	27.2	6.0	5.6	5.9
1978	7.7	10.0	5.3	7.4	6.8	8.5	7.8	9.2	6.8	12.0	15.8	7.3	7.3	6.7
1979	11.3	10.9	35.1	7.7	7.3	11.0	10.9	9.5	12.6	17.5	22.5	8.8	8.8	8.5
1980 <sup>5</sup>	14.4	6.9	52.6	15.8	8.7	17.3	13.3	1.5	15.8	6.5	24.0	9.2	9.1	9.9
1960-1965 <sup>6</sup>	1.3	1.4	1.2	-1	1.1	2.0	.4	.7	.2	.5	.2	1.6	1.2	1.1
1965-1970 <sup>6</sup>	4.2	4.0	3.1	1.4	2.6	5.7	2.9	3.5	2.6	2.5	5.6	4.2	3.8	3.8
1970-1975 <sup>6</sup>	6.7	8.8	16.4	9.5	4.5	6.5	8.2	9.8	10.4	11.9	17.2	6.8	6.6	6.4
1975-1979 <sup>6</sup>	7.8	7.5	14.4	7.0	6.4	8.9	7.2	5.8	7.8	9.6	20.3	6.8	6.6	6.4

- Represents zero. <sup>1</sup> Includes bottled gas. <sup>2</sup> See table 796. Source: See source for table 796. <sup>3</sup> Base year for percent change is 1959. <sup>4</sup> Base year for percent change is 1964. <sup>5</sup> Change from May 1979-May 1980, except GNP deflator, 2d qtr. 1979 to 2d qtr. 1980. <sup>6</sup> Average annual percent change. For explanation of average annual percent change, see Guide to Tabular Presentation.

Source of tables 793 and 794: Except as noted, U.S. Bureau of Labor Statistics, *Monthly Labor Review*.

# NO. 795. ANNUAL PERCENT CHANGE IN WAGE RATES, COSTS, OUTPUT PER MANHOUR, AND FEDERAL BUDGET: 1970 TO 1980

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Wage rates, 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	<sup>1</sup> 7.9
Adjusted hourly earnings index	6.6	6.7	6.6	6.4	9.1	7.5	7.3	7.5	8.4	8.1	<sup>1</sup> 9.0
Employment cost index:											
Union	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	8.1	7.6	8.0	9.0	<sup>1</sup> 10.2
Nonunion	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	6.8	6.6	7.6	8.5	<sup>1</sup> 8.7
Private nonfarm business:											
Compensation per hour	6.8	6.7	6.4	7.8	9.2	10.0	8.3	7.9	8.6	9.0	<sup>2</sup> 9.8
Wages, salaries, fringes	(NA)	(NA)	(NA)	(NA)	10.0	8.0	7.7	6.9	8.3	8.0	(NA)
Social insurance <sup>3</sup>	(NA)	(NA)	(NA)	(NA)	.9	.6	.8	.6	.7	.8	(NA)
Output per paid hour	.2	2.9	3.0	1.7	-3.1	2.0	3.5	1.5	.5	-1.1	<sup>2</sup> -1.1
Unit labor costs	6.5	3.5	2.7	6.0	12.7	7.9	4.7	6.3	8.0	10.2	<sup>2</sup> 11.2
Federal government budget: <sup>4</sup>											
Receipts	3.2	-2.8	10.8	11.3	14.1	6.1	6.8	9.3	12.4	13.4	<sup>5</sup> 12.4
Outlays	6.5	7.5	9.7	6.5	9.1	21.0	12.4	9.9	11.9	9.4	<sup>5</sup> 14.2
Gross debt	4.2	7.0	6.8	7.1	3.8	11.9	16.1	12.2	10.1	7.5	<sup>5</sup> 7.1

NA Not available. <sup>1</sup> Change from May 1979-May 1980. <sup>2</sup> Change from 2d qtr. 1979 to 2d qtr. 1980. <sup>3</sup> Employer payments. <sup>4</sup> Fiscal year data; see table 430. Source: U.S. Office of Management and Budget, *Special Analyses, Budget of the United States Government*, annual. <sup>5</sup> Estimate.

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



## NO. 796. GROSS NATIONAL PRODUCT, IMPLICIT PRICE DEFLATORS: 1960 TO 1979

[1972 = 100. See *Historical Statistics, Colonial Times to 1970*, series E 1-22, for data based on 1958 = 100]

ITEM	1960	1965	1970	1971	1973	1974	1975	1976	1977	1978	1979
<b>Gross national product</b> .....	<b>68.7</b>	<b>74.3</b>	<b>91.4</b>	<b>96.0</b>	<b>105.8</b>	<b>116.0</b>	<b>127.2</b>	<b>133.7</b>	<b>141.7</b>	<b>152.1</b>	<b>165.5</b>
Business nonfarm.....	72.9	78.8	92.7	97.0	104.1	114.7	126.4	133.2	141.0	150.4	163.2
Farm.....	68.5	73.0	83.3	84.3	154.9	149.2	146.0	143.3	143.2	174.2	201.6
Government.....	49.7	60.2	84.8	92.1	107.3	113.7	123.7	132.7	142.9	153.1	165.1
<b>Personal consumption expenditures</b> .....	<b>71.7</b>	<b>77.1</b>	<b>92.5</b>	<b>96.6</b>	<b>105.5</b>	<b>116.9</b>	<b>126.4</b>	<b>132.6</b>	<b>140.4</b>	<b>150.0</b>	<b>163.3</b>
Durable.....	82.1	85.6	95.5	99.0	101.7	108.4	117.7	124.3	129.4	136.5	144.8
Motor vehicles and parts.....	77.2	83.7	94.1	99.3	101.2	108.1	119.2	128.4	135.7	145.5	156.1
Nondurable <sup>1</sup> .....	72.6	77.3	93.6	96.6	107.9	123.8	133.4	138.1	144.7	154.6	171.0
Food.....	70.2	75.6	92.6	95.3	111.6	128.7	138.4	142.0	148.2	162.5	178.8
Gasoline and oil.....	84.5	87.5	97.9	98.7	109.4	147.8	158.1	164.8	174.3	182.1	243.7
Fuel oil and coal.....	76.2	80.8	93.7	99.5	114.0	182.6	197.1	211.2	238.9	253.3	353.0
Services <sup>1</sup> .....	68.0	74.3	90.5	95.8	104.7	113.6	123.2	131.2	140.7	150.9	163.4
Housing.....	75.1	80.3	92.0	96.5	104.7	110.8	116.7	123.4	131.4	140.7	151.3
Transportation.....	64.0	69.7	88.5	97.2	101.3	108.4	113.4	128.5	143.2	151.3	173.5
<b>Gross private fixed investment<sup>2</sup></b> .....	<b>71.9</b>	<b>73.8</b>	<b>91.1</b>	<b>95.9</b>	<b>106.0</b>	<b>117.1</b>	<b>132.3</b>	<b>139.7</b>	<b>150.5</b>	<b>164.4</b>	<b>179.6</b>
Nonresidential.....	72.2	74.5	91.3	96.4	103.8	115.3	132.2	138.5	146.6	157.8	171.3
Structures.....	63.1	65.9	88.0	94.4	107.8	128.1	144.9	149.5	160.0	174.3	192.4
Producers' durable equipment.....	79.3	80.6	93.4	97.6	101.7	129.2	160.0	133.3	140.7	150.3	161.1
Residential.....	71.4	72.3	90.6	94.9	110.8	122.3	132.8	142.5	159.3	179.7	201.4
Exports.....	77.1	80.5	93.1	96.6	116.2	148.3	163.6	169.9	178.7	190.3	214.8
Imports.....	76.7	78.0	89.1	93.5	118.2	171.0	188.0	193.3	210.7	222.1	256.2
<b>Government purchases<sup>3</sup></b> .....	<b>58.0</b>	<b>66.0</b>	<b>87.5</b>	<b>93.7</b>	<b>106.7</b>	<b>117.5</b>	<b>128.9</b>	<b>137.2</b>	<b>147.6</b>	<b>159.4</b>	<b>173.7</b>
Federal.....	59.1	67.0	86.4	92.6	105.8	115.9	127.5	134.6	143.6	154.8	167.6
State and local.....	56.8	65.1	88.3	94.5	107.3	118.4	129.7	138.8	150.0	162.1	177.1
<b>ANNUAL PERCENT CHANGE<sup>4</sup></b>											
<b>Gross national product</b> .....	<b>1.7</b>	<b>2.2</b>	<b>5.4</b>	<b>5.1</b>	<b>5.8</b>	<b>9.7</b>	<b>9.6</b>	<b>5.2</b>	<b>6.0</b>	<b>7.3</b>	<b>8.8</b>
Personal consumption expenditure.....	1.9	1.8	4.6	4.4	5.5	10.9	8.1	5.1	5.7	6.8	8.9
Goods (durable).....	.3	-.2	2.7	3.6	1.6	6.8	8.6	5.6	4.1	5.5	6.0
Services.....	3.0	2.0	5.2	5.8	4.7	8.6	8.4	6.5	7.3	7.3	8.3
Gross private fixed investment <sup>2</sup> .....	.4	1.5	4.8	5.3	6.0	10.5	13.0	5.5	7.8	9.2	9.2
Nonresidential.....	.4	1.2	5.4	5.5	3.8	11.1	14.6	4.8	5.8	7.7	8.5
Residential.....	.5	1.7	3.3	4.8	10.8	10.4	8.6	7.3	11.8	12.8	12.1
Exports.....	2.2	2.8	5.9	3.8	16.2	27.7	10.3	3.9	5.2	6.5	12.9
Imports.....	1.3	1.2	6.9	4.9	18.2	44.7	9.9	2.8	9.0	5.4	15.4
Government purchases <sup>3</sup> .....	1.4	3.1	8.0	7.2	6.7	10.1	9.7	6.5	7.6	8.0	8.9

<sup>1</sup>Includes items not shown separately. <sup>2</sup>Domestic investments only. <sup>3</sup>Goods and services. <sup>4</sup>For 1960, base year for percent change is 1959; for 1965, base year is 1964; for 1970, base year is 1969; 1971-79, 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, 1929-74*, and *Survey of Current Business*, July issues and March 1980.

## NO. 797. PRODUCER PRICE INDEXES—MAJOR COMMODITY GROUPS: 1950 TO 1980

[1967 = 100. Prior to 1961, excludes Alaska and Hawaii. See text, p. 475. See also *Historical Statistics, Colonial Times to 1970*, series E 23 and 24]

YEAR	All commodities	Farm products	Processed foods and feeds	INDUSTRIAL COMMODITIES		YEAR	All commodities	Farm products	Processed foods and feeds	INDUSTRIAL COMMODITIES	
				Total	Energy <sup>1</sup>					Total	Energy <sup>1</sup>
1950.....	81.8	106.7	83.4	78.0	87.1	1966.....	99.8	105.9	101.2	98.5	97.8
1951.....	91.1	124.2	92.7	86.1	90.3	1967.....	100.0	100.0	100.0	100.0	100.0
1952.....	88.6	117.2	91.6	84.1	90.1	1968.....	102.5	102.5	102.2	102.5	98.9
1953.....	87.4	106.2	87.4	84.8	92.6	1969.....	106.5	109.1	107.3	106.0	100.9
1954.....	87.6	104.7	88.9	85.0	91.3	1970.....	110.4	111.0	112.1	110.0	106.2
1955.....	87.8	98.2	85.0	86.9	91.2	1971.....	114.0	112.9	114.5	114.1	115.2
1956.....	90.7	96.9	84.9	90.8	94.0	1972.....	119.1	125.0	120.8	117.9	118.6
1957.....	93.3	99.5	87.4	93.3	99.1	1973.....	134.7	176.3	148.1	125.9	134.3
1958.....	94.6	103.9	91.8	93.6	95.3	1974.....	160.1	187.7	170.9	153.8	208.3
1959.....	94.8	97.5	89.4	95.3	95.3	1975.....	174.9	186.7	182.6	171.5	245.1
1960.....	94.9	97.2	89.5	95.3	96.1	1976.....	183.0	191.0	178.0	182.4	265.6
1961.....	94.5	96.3	91.0	94.8	97.2	1977.....	194.2	192.5	186.1	195.1	302.2
1962.....	94.8	98.0	91.9	94.8	96.7	1978.....	209.3	212.5	202.6	209.4	322.5
1963.....	94.5	96.0	92.5	94.7	96.3	1979.....	235.6	241.4	222.5	236.5	408.1
1964.....	94.7	94.6	92.3	95.2	93.7	1980.....					
1965.....	96.6	98.7	95.5	96.4	95.5	May.....	263.7	233.6	233.1	271.2	571.9

<sup>1</sup>Fuels, related products, and power.

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

**No. 798. PRODUCER PRICE INDEXES—ANNUAL PERCENT CHANGE IN SELECTED COMMODITY GROUPS: 1970 TO 1980**

[Minus sign (–) denotes decrease]

COMMODITY GROUP	1970 <sup>1</sup>	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980 <sup>2</sup>
Farm products.....	1.7	1.7	10.7	41.0	6.5	–.5	2.3	.8	10.4	13.6	–4.8
Processed foods and feeds.....	4.5	2.0	5.7	22.6	15.4	6.8	–2.5	4.6	8.9	9.8	5.0
Textile products and apparel.....	1.0	1.4	4.6	9.0	12.4	–.9	7.5	3.9	3.8	5.6	8.6
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	–10.7
Fuels, related products, power.....	5.3	7.5	3.9	13.2	55.1	17.7	8.4	13.8	6.7	26.5	51.5
Chemicals and allied products.....	2.3	2.0	–	5.6	33.5	23.5	3.3	3.0	3.1	11.8	19.8
Rubber and plastic products.....	2.6	.8	.1	2.8	21.2	10.3	6.0	5.3	4.3	11.2	12.7
Lumber and wood products.....	–9.3	11.8	13.6	22.8	3.6	–3.6	16.2	14.9	16.8	8.8	–10.3
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	15.1
Metals and metal products.....	7.5	2.1	3.8	7.5	29.4	8.0	5.5	6.7	8.7	14.2	10.0
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
Furniture and household durables.....	2.5	2.2	1.4	3.4	11.0	9.2	4.2	4.1	5.9	6.8	8.5
Nonmetallic mineral products.....	4.8	8.4	3.0	3.3	17.7	13.6	7.1	7.6	11.1	11.6	15.2
Transportation equipment.....	3.8	5.4	3.1	1.2	9.0	12.7	6.8	6.8	7.6	8.4	7.4
Miscellaneous products.....	4.2	2.9	1.6	4.5	11.2	11.0	4.1	6.9	12.2	13.2	23.4

– Represents zero.    <sup>1</sup> Change from 1969.    <sup>2</sup> Change from May 1979–May 1980.

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

**No. 799. PRODUCER PRICE INDEXES, BY STAGE OF PROCESSING: 1960 TO 1980**

[1967 = 100. 1960 excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1970*, series E 73–86]

STAGE OF PROCESSING AND COMMODITY	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, Jan.–May avg.
<b>Crude materials for further processing.....</b>	<b>97.0</b>	<b>99.3</b>	<b>112.3</b>	<b>127.6</b>	<b>173.9</b>	<b>196.1</b>	<b>197</b>	<b>205</b>	<b>214</b>	<b>240</b>	<b>282</b>	<b>301</b>
Foodstuffs and feedstuffs.....	95.1	97.1	112.0	127.5	179.9	189.4	192	190	191	215	247	244
Nonfoods, exc. fuel.....	101.4	104.5	109.8	121.9	161.5	205.4	188	210	217	235	285	335
For manufacturing.....	101.8	105.3	109.6	122.1	165.4	212.8	192	216	222	241	293	348
For construction.....	97.0	97.5	113.9	121.6	124.9	135.1	151	161	171	186	207	230
Fuel.....	92.8	93.5	122.6	148.7	164.5	219.4	272	315	400	464	568	666
Manufacturing industries.....	92.9	93.6	116.9	139.3	153.2	197.4	252	309	412	482	608	727
Nonmanufacturing industries.....	92.5	93.3	130.2	161.1	179.4	248.4	297	327	401	460	548	630
<b>Intermediate materials, supplies, components.....</b>	<b>95.6</b>	<b>96.8</b>	<b>109.9</b>	<b>118.7</b>	<b>131.6</b>	<b>162.9</b>	<b>180</b>	<b>189</b>	<b>202</b>	<b>216</b>	<b>243</b>	<b>272</b>
Materials and components for manufacturing.....	96.5	97.4	110.0	117.0	127.7	162.2	179	186	196	208	234	259
Materials for—												
Food manufacturing.....	91.1	97.6	112.9	119.9	146.0	209.2	209	181	182	202	224	241
Nondurable manufacturing.....	102.1	100.0	103.8	109.4	121.2	155.2	175	181	189	196	220	248
Durable manufacturing.....	94.3	96.8	114.7	123.8	133.7	171.7	188	202	219	237	271	300
Components for manufacturing.....	93.1	93.8	111.1	117.6	121.4	139.9	158	166	176	189	207	225
Materials and components for construction.....	95.9	98.2	112.6	126.2	136.7	161.6	176	188	203	224	247	263
Processed fuels, lubricants.....	98.2	97.4	105.0	118.9	131.5	199.1	233	251	284	296	361	473
Containers.....	95.5	95.8	111.4	121.9	129.2	152.2	171	181	193	213	235	256
Supplies.....	90.7	95.2	108.0	115.6	140.6	154.5	168	179	188	197	218	238
For manufacturing industries.....	96.2	95.9	110.0	115.1	121.1	141.7	158	166	174	184	204	224
For nonmanufacturing industries.....	88.5	95.0	107.2	115.9	150.7	161.1	173	186	195	204	225	246
<b>Finished goods.....</b>	<b>93.7</b>	<b>95.7</b>	<b>110.3</b>	<b>117.2</b>	<b>127.9</b>	<b>147.5</b>	<b>163</b>	<b>170</b>	<b>181</b>	<b>195</b>	<b>216</b>	<b>237</b>
Consumer goods.....	94.5	96.1	109.9	116.6	129.2	146.3	164	169	179	193	216	239
Foods.....	92.1	95.4	113.5	121.7	146.4	166.9	181	180	189	207	226	231
Crude foods.....	100.6	98.6	116.3	121.2	160.2	180.8	181	195	202	216	231	225
Processed foods.....	90.7	94.9	113.1	121.7	143.9	164.6	181	177	186	204	224	229
Other nondurable goods.....	94.7	95.9	108.3	113.6	120.5	146.8	163	173	185	195	226	269
Durable goods.....	92.2	97.9	106.9	113.2	115.8	126.3	138	144	152	166	182	200
Capital equipment.....	91.7	94.4	112.0	119.5	123.5	141.0	163	173	185	199	217	233

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

No. 800. PRODUCER PRICE INDEXES, BY COMMODITIES: 1965 TO 1980

[1967 = 100, except as noted. See text, p. 475, and *Historical Statistics, Colonial Times to 1970*, series E 23-29]

COMMODITY GROUP	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980 Jan.- May, avg.
<b>All commodities<sup>1</sup></b>	<b>96.6</b>	<b>110.4</b>	<b>119.1</b>	<b>134.7</b>	<b>160.1</b>	<b>175</b>	<b>183</b>	<b>194</b>	<b>209</b>	<b>236</b>	<b>260</b>
<b>Farm products and processed foods and feeds</b>	<b>97.1</b>	<b>111.7</b>	<b>122.4</b>	<b>159.1</b>	<b>177.4</b>	<b>184</b>	<b>183</b>	<b>189</b>	<b>207</b>	<b>230</b>	<b>233</b>
<b>Farm products<sup>1</sup></b>	<b>98.7</b>	<b>111.0</b>	<b>125.0</b>	<b>176.3</b>	<b>187.7</b>	<b>187</b>	<b>191</b>	<b>193</b>	<b>213</b>	<b>241</b>	<b>236</b>
Fresh and dried fruits, vegetables	100.2	111.6	127.6	168.1	192.3	184	178	182	217	229	225
Grains	97.2	98.8	102.9	183.6	257.9	224	206	165	183	215	217
Livestock	99.4	116.7	142.5	190.4	170.6	188	173	173	220	260	244
Live poultry	105.5	99.5	104.0	179.5	157.4	190	167	175	200	194	181
Plant and animal fibers	126.4	90.2	117.5	197.8	193.9	153	234	202	193	210	261
Fluid milk	84.9	115.3	122.2	145.0	172.8	180	201	203	220	250	264
Eggs	110.9	126.8	103.7	165.7	160.6	160	179	162	159	177	160
Hay, hayseeds, and oilseeds	97.8	99.4	118.1	220.1	228.6	200	210	234	216	244	214
<b>Processed foods and feeds</b>	<b>95.5</b>	<b>112.1</b>	<b>120.8</b>	<b>148.1</b>	<b>170.9</b>	<b>183</b>	<b>178</b>	<b>186</b>	<b>203</b>	<b>223</b>	<b>231</b>
Cereal and bakery products	93.1	107.7	114.7	134.4	171.2	178	172	173	190	210	230
Meats, poultry, and fish	96.2	115.8	130.0	167.5	163.5	191	182	182	217	242	234
Dairy products	89.0	111.2	118.6	131.1	146.4	156	169	173	188	211	224
Processed fruits and vegetables	95.2	110.6	119.7	129.6	154.6	170	170	187	203	222	224
Sugar and confectionery	96.5	115.8	121.6	132.3	258.9	254	191	177	198	215	278
Beverages and beverage materials	99.2	113.0	118.0	121.7	140.7	162	174	201	200	211	227
Animal fats and oils	136.0	140.4	127.4	230.4	327.7	342	210	267	291	321	273
Crude vegetable oils	112.5	121.0	107.5	174.6	291.1	208	163	198	219	244	193
Refined vegetable oils	105.1	119.2	114.5	154.5	265.8	213	188	199	229	232	166
Vegetable oil end products	99.2	111.9	121.2	143.6	224.8	212	174	198	209	224	230
Miscellaneous processed foods	100.9	113.1	114.8	123.3	158.6	178	175	190	199	217	224
Manufactured animal feeds	94.9	103.7	116.0	198.7	184.1	172	194	205	197	219	214
<b>Industrial commodities</b>	<b>96.4</b>	<b>110.0</b>	<b>117.9</b>	<b>125.9</b>	<b>153.8</b>	<b>172</b>	<b>182</b>	<b>195</b>	<b>209</b>	<b>237</b>	<b>267</b>
<b>Textile products and apparel</b>	<b>99.8</b>	<b>107.1</b>	<b>113.6</b>	<b>123.8</b>	<b>139.1</b>	<b>178</b>	<b>148</b>	<b>154</b>	<b>160</b>	<b>169</b>	<b>179</b>
Synthetic fibers <sup>1</sup>							102	107	110	119	130
Processed yarns, threads <sup>2</sup>	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	100	101	102	109	119
Gray fabrics <sup>2</sup>							106	105	119	127	134
Finished fabrics <sup>2</sup>							101	104	104	107	113
Apparel	97.1	110.8	114.8	119.0	129.5	133	140	147	152	160	168
Textile housefurnishings	97.3	103.5	109.2	113.3	143.1	152	159	171	179	190	201
<b>Hides, skins, leather, related products<sup>1</sup></b>	<b>94.3</b>	<b>110.3</b>	<b>131.3</b>	<b>143.1</b>	<b>145.1</b>	<b>149</b>	<b>168</b>	<b>179</b>	<b>200</b>	<b>252</b>	<b>248</b>
Hides and skins	118.0	104.2	213.7	253.9	195.9	175	258	287	361	535	368
Leather	98.0	107.7	140.3	160.1	154.3	152	188	201	239	357	317
Footwear	90.7	113.3	124.5	130.5	140.0	148	159	169	183	218	231
<b>Fuels, related products, power</b>	<b>95.5</b>	<b>106.2</b>	<b>118.6</b>	<b>134.3</b>	<b>208.3</b>	<b>245</b>	<b>266</b>	<b>302</b>	<b>323</b>	<b>408</b>	<b>547</b>
Coal	93.4	150.3	193.8	218.1	332.4	386	369	369	430	451	461
Coke (foundry byproduct)	95.8	127.4	155.5	166.6	247.7	331	347	379	412	429	431
Gas fuels	92.6	103.6	114.1	126.7	162.2	217	287	388	429	544	719
Electric power	100.1	105.9	121.5	129.3	163.1	193	208	233	251	270	305
Crude petroleum, domestic	98.2	106.1	113.8	126.0	211.8	246	257	274	300	377	525
Petroleum products, refined	93.8	101.0	108.9	128.7	223.4	258	277	308	321	445	644
<b>Chemicals and allied products<sup>1</sup></b>	<b>99.0</b>	<b>102.2</b>	<b>104.2</b>	<b>110.0</b>	<b>146.8</b>	<b>181</b>	<b>187</b>	<b>193</b>	<b>199</b>	<b>222</b>	<b>253</b>
Industrial chemicals	97.5	100.9	101.2	103.4	151.7	207	219	224	226	264	312
Prepared paint	96.4	112.4	118.0	122.2	145.7	167	174	182	192	204	228
Paint materials	98.8	101.4	104.1	113.2	152.3	177	190	206	213	241	267
Drugs and pharmaceuticals	100.4	101.2	103.0	104.3	112.7	127	134	141	148	158	170
Fats and oils, inedible	138.6	132.8	115.8	228.3	338.2	255	250	279	316	377	304
Agricultural chemicals and products	98.3	88.5	91.7	96.6	137.7	204	188	188	198	214	252
Plastic resins and materials	99.3	90.6	88.7	92.1	143.8	181	194	198	200	236	278
<b>Rubber and plastic products</b>	<b>95.9</b>	<b>108.3</b>	<b>109.3</b>	<b>112.4</b>	<b>136.2</b>	<b>150</b>	<b>159</b>	<b>168</b>	<b>175</b>	<b>194</b>	<b>212</b>
Crude rubber	105.6	101.6	99.2	111.9	139.4	146	161	172	187	221	260
Tires and tubes	93.8	109.0	109.2	111.4	133.4	149	162	170	179	206	230
Miscellaneous rubber products	94.5	113.3	121.1	124.8	140.8	156	164	177	190	206	223
Plastic construction products <sup>3</sup>	(NA)	97.2	93.4	94.1	118.9	124	127	133	136	148	151
Laminated plastic sheets, high pressure <sup>4</sup>	(NA)	(NA)	98.1	97.8	116.3	125	131	141	146	159	171
<b>Lumber and wood products</b>	<b>95.9</b>	<b>113.6</b>	<b>144.3</b>	<b>177.2</b>	<b>183.6</b>	<b>177</b>	<b>206</b>	<b>236</b>	<b>276</b>	<b>300</b>	<b>286</b>
Lumber	94.0	113.7	159.4	205.2	207.1	193	233	277	322	354	326
Millwork	96.0	116.0	128.4	144.2	157.1	160	177	194	235	254	257
Plywood	103.5	108.4	130.7	155.2	161.1	161	187	212	236	251	234
Other wood products	(NA)	117.3	124.6	149.7	166.6	162	166	184	212	235	242
<b>Pulp, paper, and allied products</b>	<b>96.2</b>	<b>108.2</b>	<b>113.4</b>	<b>122.1</b>	<b>151.7</b>	<b>170</b>	<b>179</b>	<b>186</b>	<b>196</b>	<b>219</b>	<b>243</b>
Pulp, paper, and products, exc. building paper and board	96.2	108.5	113.7	122.5	152.8	172	181	187	195	220	244
Woodpulp	100.1	109.6	111.5	128.3	217.8	283	286	281	267	314	370
Wastepaper	127.3	125.0	133.6	197.4	265.5	110	185	187	191	207	228
Paper	94.6	111.0	116.3	121.4	148.6	173	182	194	206	230	251
Paperboard	101.5	101.1	105.5	115.1	152.2	170	176	176	180	202	228
Converted paper and paperboard products	94.7	107.9	113.6	121.6	144.9	161	170	177	187	210	232
Building paper and board	100.9	101.0	105.4	112.8	123.5	127	139	157	187	182	197

See footnotes at end of table.

# No. 800. PRODUCER PRICE INDEXES, BY COMMODITIES: 1965 TO 1980—Continued

[1967 = 100, except as noted. See headline, p. 481]

COMMODITY GROUP	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, Jan.- May, avg.
<b>Metals and metal products.....</b>	<b>96.4</b>	<b>116.6</b>	<b>123.5</b>	<b>132.8</b>	<b>171.9</b>	<b>186</b>	<b>196</b>	<b>209</b>	<b>227</b>	<b>259</b>	<b>285</b>
Iron and steel.....	97.9	115.1	128.4	136.2	178.6	201	216	230	254	284	302
Steel mill products.....	97.5	114.2	130.4	134.1	170.0	197	210	230	255	280	299
Nonferrous metals.....	95.3	124.7	116.9	135.1	187.1	172	182	195	208	262	315
Metal containers.....	96.2	112.6	128.9	134.7	164.7	192	202	218	243	269	292
Hardware.....	93.1	111.5	120.2	124.7	140.7	163	173	185	200	219	233
Plumbing fixtures, brass fittings.....	93.3	111.2	119.7	125.8	149.1	162	174	187	199	217	241
Heating equipment.....	98.9	110.6	118.2	120.4	135.0	151	158	166	174	187	202
Fabricated structural metal products.....	96.1	112.0	122.4	127.4	161.2	189	194	207	226	249	264
Miscellaneous metal products.....	96.0	114.3	124.2	129.5	157.3	181	187	196	212	231	245
<b>Machinery and equipment.....</b>	<b>93.9</b>	<b>111.4</b>	<b>117.9</b>	<b>121.7</b>	<b>139.4</b>	<b>161</b>	<b>171</b>	<b>182</b>	<b>196</b>	<b>214</b>	<b>232</b>
Agricultural.....	94.0	113.2	122.3	125.9	143.8	169	183	198	213	232	251
Construction.....	93.6	115.9	125.7	130.7	152.3	185	199	214	233	256	280
Metalworking.....	91.8	114.1	120.2	125.5	146.9	172	187	199	217	241	265
General purpose.....	92.5	113.7	122.4	127.0	151.2	179	190	202	217	236	256
Special industry.....	92.5	115.7	123.7	130.1	151.0	175	188	203	223	247	267
Electrical.....	95.1	106.4	110.4	112.4	125.0	141	147	154	165	179	196
Miscellaneous.....	96.2	112.8	120.2	124.0	139.5	162	172	181	195	209	224
<b>Furniture and household durables<sup>1</sup>.....</b>	<b>96.9</b>	<b>107.5</b>	<b>111.4</b>	<b>115.2</b>	<b>127.9</b>	<b>140</b>	<b>146</b>	<b>152</b>	<b>160</b>	<b>171</b>	<b>184</b>
Household furniture.....	94.1	111.7	117.3	123.0	136.6	146	154	162	174	186	198
Commercial furniture.....	93.3	114.5	120.2	129.4	152.4	167	174	186	202	222	231
Floor coverings.....	104.5	99.4	98.6	102.2	115.4	125	131	136	142	148	161
Household appliances.....	98.9	105.3	107.6	108.5	117.9	132	139	145	153	161	169
Home electronic equipment.....	103.1	93.3	92.7	91.9	93.1	94	91	88	90	91	89
<b>Nonmetallic mineral products<sup>1</sup>.....</b>	<b>97.5</b>	<b>112.9</b>	<b>126.1</b>	<b>130.2</b>	<b>153.2</b>	<b>174</b>	<b>186</b>	<b>201</b>	<b>223</b>	<b>249</b>	<b>277</b>
Flat glass.....	96.2	115.6	122.4	121.4	128.9	139	150	161	173	184	191
Concrete ingredients.....	97.5	112.6	126.9	131.2	148.7	172	187	199	218	244	268
Concrete products.....	96.3	112.2	125.6	131.7	151.7	171	180	192	214	244	270
Structural clay products.....	96.6	109.9	117.3	123.3	135.2	151	164	180	197	218	231
Refractories.....	98.1	120.9	129.0	136.3	143.5	166	184	200	217	237	257
Asphalt roofing.....	98.7	102.7	131.2	135.5	196.0	226	238	253	292	325	384
Gypsum products.....	101.2	99.7	114.7	120.9	137.6	144	154	184	229	252	261
Glass containers.....	97.0	120.4	135.1	138.9	155.5	180	195	214	244	261	283
<b>Transportation equipment<sup>1 5</sup>.....</b>	<b>(NA)</b>	<b>104.6</b>	<b>113.7</b>	<b>115.1</b>	<b>125.5</b>	<b>142</b>	<b>151</b>	<b>161</b>	<b>174</b>	<b>188</b>	<b>200</b>
Motor vehicles and equipment.....	98.5	108.7	118.0	119.2	129.2	145	154	164	176	191	202
Motor vehicles.....	99.6	107.3	116.0	116.7	125.5	138	146	156	168	182	192
Railroad equipment.....	97.4	115.1	128.7	134.7	163.8	201	217	234	253	277	301
<b>Miscellaneous products<sup>2</sup>.....</b>	<b>95.9</b>	<b>109.6</b>	<b>114.6</b>	<b>119.7</b>	<b>133.1</b>	<b>148</b>	<b>154</b>	<b>164</b>	<b>184</b>	<b>209</b>	<b>253</b>
Toys, sporting goods, small arms, etc.....	97.1	109.3	114.4	117.9	132.3	146	150	155	163	176	194
Tobacco products.....	94.1	113.6	117.5	121.9	132.8	150	163	180	199	218	239
Notions.....	97.8	108.4	112.1	114.3	137.4	151	162	172	182	192	210
Photographic equipment and supplies.....	98.2	104.9	106.7	108.4	116.8	131	136	140	146	154	203

NA Not available. <sup>1</sup>Includes other product groups, not shown separately. <sup>2</sup>Dec. 1975=100. <sup>3</sup>Dec. 1969=100.

<sup>4</sup>Dec. 1970=100. <sup>5</sup>Dec. 1968=100.

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

## No. 801. INDEXES OF SPOT PRIMARY MARKET PRICES: 1965 TO 1980

[1967 = 100. Index computed daily in 1965; weekly, beginning 1970. Represents unweighted geometric average of price quotations of 22 commodities, traded on organized exchanges. This index is much more sensitive to changes in market conditions than is a monthly producer price index]

ITEM AND NUMBER OF COMMODITIES	1965 (6-15)	1970 (6-16)	1972 (6-13)	1973 (6-12)	1974 (6-11)	1975 (6-24)	1976 (6-29)	1977 (6-28)	1978 (6-27)	1979 (6-26)	1980 (6-24)
<b>All commodities (22) ..</b>	<b>106.2</b>	<b>113.6</b>	<b>119.5</b>	<b>171.3</b>	<b>221.5</b>	<b>189.9</b>	<b>210.9</b>	<b>206.7</b>	<b>230.0</b>	<b>281.3</b>	<b>265.1</b>
Food stuffs (9).....	94.4	112.2	113.3	172.7	211.5	215.3	213.7	210.6	238.1	265.1	260.9
Raw industrials (13).....	115.1	114.4	124.0	170.2	228.5	174.1	208.9	204.0	224.4	293.0	268.0
Livestock and products (5).....	121.4	123.6	143.9	222.6	190.1	240.8	224.4	234.6	278.0	336.3	250.5
Metals (5).....	114.2	125.2	114.9	145.6	261.4	166.8	215.4	203.0	220.6	332.8	257.9
Textiles and fibers (4).....	110.3	99.9	122.7	159.1	183.9	158.8	181.4	170.1	173.8	192.2	234.7
Fats and oils (4).....	114.8	128.6	114.9	187.9	224.3	213.6	208.3	235.7	253.5	289.4	229.5

Source: U.S. Bureau of Labor Statistics, *Tuesday Spot Market Price Indexes and Prices*, weekly and monthly.

No. 802. PRODUCER PRICES OF SELECTED COMMODITIES: 1970 TO 1980

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

COMMODITY	1970	1973	1974	1975	1976	1977	1978	1979	1980, Jan.- May, avg.
<b>Farm products:</b>									
Wheat, hard winter, No. 1, K.C. (bu) .....	1.48	3.58	4.68	3.81	3.34	2.53	3.17	3.98	4.14
Steers, choice (100 lb) .....	30.04	44.90	42.24	44.36	39.27	40.28	52.26	67.69	66.13
Cotton, raw (lb) .....	.25	.56	.58	.45	.68	.61	.58	1.63	.79
Wool, combing and staple (lb) .....	1.03	2.50	1.78	1.49	1.82	1.83	1.90	2.16	(NA)
Eggs, large (doz) .....	.43	.65	.83	.62	.70	.63	.62	.69	.63
Corn, No. 2 yellow, Chicago (bu) .....	1.37	2.24	3.22	2.90	2.70	2.21	2.56	2.91	2.90
Sugar, raw cane (100 lb) .....	8.09	10.24	29.04	23.00	13.48	10.89	13.84	15.27	24.51
<b>Processed foods:</b>									
Flour, Kansas City (100 lb) .....	5.57	8.52	11.06	9.37	*8.31	6.23	7.48	9.27	9.92
Sugar, granulated (excl. excise tax) (5 lb) .....	(NA)	.73	1.67	1.67	1.03	.92	1.09	1.17	1.76
Coffee, tin (lb) .....	.95	1.07	1.21	1.30	2.01	3.52	2.89	2.78	3.01
Lard, 1 and 2 lb. prints (lb) .....	.17	.25	.35	.36	.24	.24	.34	.40	.37
Beef, choice (100 lb) .....	48.93	69.18	68.55	74.93	63.96	85.03	83.12	103.01	104.45
Lamb, choice (100 lb) .....	(NA)	73.13	82.56	84.45	102.15	107.29	126.05	133.53	133.13
Shrimp, fresh processed (lb) .....	(NA)	2.32	2.27	2.69	3.63	3.40	3.61	*5.16	4.97
Salmon, No. 1, tall can (case/48) .....	(NA)	52.00	(NA)	69.92	69.00	68.50	65.17	67.59	76.04
Haddock, unprocessed (100 lb) .....	(NA)	59.09	50.58	54.46	58.79	68.79	57.33	64.68	69.98
<b>Textile products:</b>									
Polyester/cotton yarns, 18's (lb) .....	(NA)	(NA)	(NA)	(NA)	1.40	1.40	1.39	1.41	1.71
Polyester twill, textured (yd) .....	(NA)	(NA)	(NA)	(NA)	1.78	1.42	1.46	1.39	1.33
<b>Hides, leather, and shoes:</b>									
Cattlehides, packer, heavy native <sup>3</sup> (lb) .....	.13	.34	.24	.23	.34	.37	.47	.73	.44
Lamb garment leather (sq. ft) .....	.39	.73	.72	.72	*.76	.92	1.05	*1.40	1.32
Oxfords, Goodyear leather upper, sole (pair) .....	13.49	15.60	16.12	16.84	17.93	19.00	20.77	25.85	27.92
<b>Fuels, related products, power:</b>									
Elec. Power, E. No. Can (200,000 kWh) .....	(NA)	3,137	4,361	5,281	5,875	6,276	6,989	7,661	8,504
Gasoline, unleaded <sup>4</sup> (gal) .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	.47	.64	.93
Gasoline, regular <sup>4</sup> (gal) .....	(NA)	(NA)	(NA)	.35	.39	.42	.44	.60	.89
Gasoline, premium <sup>4</sup> (gal) .....	(NA)	(NA)	(NA)	(NA)	.42	.45	.48	.65	.94
Distillate fuel oil, No. 2, to resellers (gal) .....	(NA)	(NA)	(NA)	.29	.31	.36	.37	.53	.75
<b>Chemicals and allied products:</b>									
Aspirin (lb) .....	.58	.63	.82	1.00	1.08	1.14	1.20	1.28	1.39
Paint, outside (gal) .....	*5.67	6.19	8.04	9.56	9.41	9.47	9.91	10.81	11.82
Paint, inside, latex (gal) .....	(NA)	5.40	5.93	6.57	6.82	7.19	7.61	7.88	8.75
<b>Rubber and rubber products:</b>									
Natural rubber, No. 1 ribbed <sup>5</sup> (lb) .....	.21	.35	.40	.30	.40	.42	.50	.64	.75
Synthetic rubber, neoprene, GN type (lb) .....	.43	.43	.52	.64	.69	.70	.77	.82	.94
<b>Lumber and wood products:</b>									
Softwood plywood, interior (1,000 sq. ft) .....	(NA)	112	126	139	145	163	192	201	179
Redwood boards, clear, f.g. dry (M. bd. ft) .....	(NA)	382	494	506	505	603	805	979	1,037
Maple, No. 1, common (M. bd. ft) .....	(NA)	220	234	230	230	274	308	351	354
Southern pine, finish, C and better (M. bd. ft) .....	(NA)	275	319	317	342	396	499	547	584
<b>Pulp, paper, and allied products:</b>									
Woodpulp, sulphate, bleached <sup>6</sup> (ton) .....	131	153	263	336	338	331	307	368	451
Book paper, No. 3 uncoated (100 lb) .....	21.57	23.21	23.59	24.25	25.28	26.68	29.58	33.63	36.89
Liner, 100 lb. test (1,000 sq. ft) .....	2.55	2.86	3.65	4.32	4.39	4.29	4.31	4.94	5.62
Toilet tissue (case) .....	9.07	9.57	12.20	15.62	*16.86	18.20	19.52	21.78	24.33
<b>Metal and metal products:</b>									
Iron ore, Mesabi (long ton) .....	10.78	11.84	13.90	17.83	19.38	20.95	21.55	22.43	24.61
Iron and steel scrap, No. 1 heavy melting <sup>7</sup> (long ton) .....	42.04	57.20	104.17	70.92	79.13	66.96	78.29	101.48	101.48
Steel rails, standard <sup>8</sup> (100 lb) .....	6.80	8.35	10.53	12.72	14.17	15.17	16.90	18.80	20.98
Domestic copper, cathode (lb) .....	(NA)	.59	.77	.64	.69	.66	(NA)	.91	1.01
Red brass ingot (lb) .....	.56	.66	.84	.65	.70	.70	.73	.93	1.12
Aluminum sheet (lb) .....	(NA)	.70	.86	1.00	1.07	1.17	1.40	1.71	1.75
Nails, wire, 8d, common (50 lb) .....	(NA)	6.21	9.15	10.67	10.74	11.52	12.06	13.16	14.40
<b>Nonmetallic mineral products:</b>									
Brick, building (1,000) .....	(NA)	45.57	49.94	56.09	62.76	72.32	82.68	92.80	97.81
Glass, window, single B (50 sq. ft) .....	6.60	7.78	9.04	8.93	9.02	9.76	10.84	(NA)	(NA)
Shingles, asphalt roofing, strip (square) .....	(NA)	8.30	11.56	13.24	14.04	14.95	17.52	*19.20	21.96
<b>Miscellaneous:</b>									
Cigarettes, filter tip, king size <sup>9</sup> (1,000) .....	5.86	6.26	6.86	7.75	8.45	9.42	10.43	11.44	12.57
Soybean meal (ton) .....	79.08	234.00	142.42	123.65	161.54	190.58	172.54	188.61	(NA)

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

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

**NO. 803. AVERAGE PRICES (UNIT VALUES)—SELECTED COMMODITIES EXPORTED AND IMPORTED:  
1970 TO 1979**

(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. Values of goods imported, 1970 and 1973, 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	1970	1973	1974	1975	1976	1977	1978	1979
<b>EXPORTS</b>								
Wheat (bu.).....	1.58	2.94	4.80	4.54	3.98	3.09	3.46	4.29
Milled rice, less than 75% broken kernels (lb.).....	.079	.161	.224	.189	.127	.140	.181	.180
Corn (bu.).....	1.45	2.16	3.20	3.36	2.98	2.58	2.64	2.99
Grain sorghums (bu.).....	1.32	2.12	3.07	3.05	2.82	2.51	2.60	2.87
Wheat flour (100 lb.).....	3.85	6.52	10.91	10.34	9.97	8.24	8.83	11.01
Leaf tobacco, flue-cured, unstemmed (lb.).....	.921	1.07	1.23	1.46	1.59	1.69	1.97	2.06
Cigarettes (1,000).....	5.45	6.02	6.41	7.38	8.30	9.20	10.08	11.40
Soybeans (bu.).....	2.80	5.69	6.91	6.24	5.89	7.38	8.08	7.43
Synthetic rubber, "S" type 1 (lb.).....	.177	.190	.274	.283	.307	.364	.377	.418
Woodpulp, special alpha and dissolving grades (sh. ton).....	187.40	210.65	329.47	296.97	395.42	397.74	402.44	448.78
Cotton, upland, staple 1" to 1 1/2" (lb.).....	.259	.352	.533	.542	.648	.704	.298	.670
Cotton, upland, staple, 1 1/2" and over (lb.).....	.308	.392	.579	.601	.665	.757	.321	.754
Bituminous coal (sh. ton).....	13.40	18.96	40.39	49.23	48.59	48.64	50.32	51.37
Steel scrap, No. 1, heavy melting (sh. ton).....	43.37	54.96	102.46	84.53	72.85	61.19	74.50	100.05
Tallow, inedible (lb.).....	.087	.133	.199	.162	.169	.187	.202	.245
Soybean oil, crude (lb.).....	.122	.142	.289	.332	.207	.253	.266	.291
Carbon steel sheets, cold rolled (lb.).....	.077	.097	.139	.175	.138	.121	.160	.170
Polyethylene resin (lb.).....	.134	.165	.342	.257	.269	.271	.262	.368
Styrene, polymer, and copolymer resins (lb.).....	.193	.234	.401	.343	.339	.372	.452	.501
Container board liners (lb.).....	.062	.075	.116	.126	.120	.111	.112	.132
Nylon yarn, incl. monofilaments (lb.).....	.953	.933	1.14	1.15	1.17	1.18	1.33	1.43
Carbon black, furnace (lb.).....	.090	.093	.139	.167	.218	.264	.294	.306
Copper, refined, crude forms (lb.).....	.671	.671	.900	.654	.701	.685	.637	.790
Aluminum metal and alloys (lb.).....	.263	.266	.375	.361	.389	.483	.531	.659
<b>IMPORTS</b>								
Canned beef (lb.).....	.425	.772	1.07	.724	.744	.754	.768	1.11
Cashew nuts (lb.).....	.599	.697	.930	.846	.898	1.37	1.34	1.46
Raw sugar (lb.).....	.070	.088	.195	.245	.126	.092	.086	.101
Coffee (Brazil) (lb.).....	.474	.596	.655	.679	1.21	1.92	1.81	1.55
Coffee (Colombia) (lb.).....	.535	.666	.684	.663	1.07	2.00	1.83	1.53
Cocoa (cacao beans, Africa) (lb.).....	.352	.364	.562	.670	.617	.975	1.37	1.57
Tea (Sri Lanka) (lb.).....	.398	.433	.504	.562	.534	1.06	.871	.841
Whisky, containers of 1 gal. or less (U.K.) (proof gal.).....	7.48	7.07	7.94	8.22	8.37	8.31	10.18	11.17
Whisky, containers of 1 gal. or less (Canada) (proof gal.).....	6.70	6.85	7.13	7.60	7.45	8.14	8.68	8.71
Cigarette leaf, unstemmed (lb.).....	.568	.569	.796	1.03	1.31	1.20	1.19	1.24
Goat and kid skins, dry (lb.).....	1.06	1.44	1.23	1.26	2.04	1.22	2.56	2.83
Crude rubber, except milk (lb.).....	.189	.239	.331	.238	.321	.360	.403	.529
Sawed lumber, fir (mil. bd. ft.).....	71.13	144.92	138.19	137.64	170.17	194.93	218.29	253.50
Sawed lumber, spruce (mil. bd. ft.).....	73.98	149.01	140.99	132.55	160.11	178.27	206.27	222.58
Woodpulp, sulphite, bleached, exc. rayon and special chemical grades (sh. ton).....	142.90	171.78	290.77	323.72	311.92	304.01	296.12	363.72
Woodpulp, sulphate, bleached (sh. ton).....	143.68	170.03	286.17	353.41	350.47	332.81	287.60	346.41
Carpet wool, scoured 2 (lb.).....	.424	.968	.957	.825	.835	.994	1.49	(NA)
Apparel wool, 60's and finer 2 (lb.).....	.879	1.92	2.40	1.59	1.51	1.56	1.68	1.80
Iron ore (Canada) (ton).....	12.42	14.42	17.51	22.15	25.12	27.46	28.89	30.18
Iron ore (Venezuela) (ton).....	8.33	9.75	12.30	15.64	16.87	19.27	17.65	19.21
Manganese ore, metallurgical grade 3 (lb.).....	.020	.027	.038	.050	.057	.062	.059	.055
Bauxite, crude (ton).....	10.91	11.33	11.79	20.67	24.16	25.73	27.74	26.78
Copper ores and concentrates 4 (lb.).....	.617	.632	.718	.566	.646	.586	.581	.800
Crude petroleum 4 (Venezuela) (bbl.).....	2.30	3.41	11.11	11.65	12.35	13.04	12.81	17.18
Newsprint (sh. ton).....	140.11	159.88	203.18	244.10	265.23	285.37	260.80	321.50
Jute burlap (lb.).....	.230	.278	.304	.294	.241	.246	.288	.350
Concrete reinforcement bars (lb.).....	.051	.077	.136	.092	.076	.080	.093	.140
Steel tubes and pipes, at least .065" thick, 3/4" diameter (lb.).....	.075	.094	.168	.208	.134	.140	.138	.204
Copper, refined (Chile) 5 (lb.).....	.630	.704	.880	.531	.583	.578	.576	.848
Nickel in pigs, ingots, shot, etc. (lb.).....	1.30	1.44	1.61	1.88	2.07	2.15	1.93	2.34
Tin bars, blocks, pigs, etc. (Malaysia) (lb.).....	1.66	1.92	3.54	3.35	3.31	4.37	5.52	6.65

NA Not available. <sup>1</sup>Excludes latex (liquid). <sup>2</sup>Clean content. <sup>3</sup>Metal content. <sup>4</sup>Testing 25° API or more.  
Source: U.S. Dept. of Commerce, International Trade Administration, unpublished data.

## NO. 804. IMPORT PRICE INDEXES—SELECTED COMMODITIES: 1970 TO 1980

[As of June, except as indicated. Products classified and weighted by 1975 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	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980
Food.....	Sept. 1977=100.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	100.0	97.5	107.2	133.4
Lumber, conifer (c.i.f.).....	1969=100	89.9	129.5	177.9	161.7	154.2	173.6	193.6	231.0	249.8	212.0
Intermediate mfg. goods.....	Dec. 1977=100.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	100.0	108.3	127.9	151.9
Newsprint paper (c.i.f.).....	1967=100	107.2	116.9	123.0	149.3	184.3	199.8	214.2	225.7	244.9	285.0
Textile fabrics.....	Dec. 1977=100.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	100.0	106.5	121.2	143.7
Iron and steel (c.i.f.).....	March 1977=100.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	101.2	118.6	138.5	148.2
Manufacture of metal.....	March 1977=100.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	99.0	109.8	120.0	127.9
Rubber tires and tubes (c.i.f.).....	1970=100	100.0	121.2	125.1	145.5	154.0	159.8	171.4	183.9	207.0	243.5
Plywood <sup>1</sup> (c.i.f.).....	1973=100	(NA)	(NA)	100.0	101.4	85.5	102.5	112.5	116.3	175.8	179.4
Machine tools for metal (f.o.b.).....	1970=100	100.0	118.7	137.6	156.6	206.0	200.8	212.8	241.3	284.1	320.3
Sewing machines (f.o.b.).....	1974=100	(NA)	(NA)	(NA)	100.0	112.5	113.7	119.4	135.6	150.2	151.3
Powered tools (f.o.b.).....	1974=100	(NA)	(NA)	(NA)	100.0	129.9	119.4	127.7	135.8	149.7	166.3
Electric apparatus <sup>2</sup> (f.o.b.).....	1969=100	81.9	85.0	101.4	113.2	116.6	106.6	110.5	129.7	149.3	157.1
Radio broadcast receivers (f.o.b.).....	1970=100	100.0	100.7	109.1	113.7	111.1	109.6	111.5	116.3	123.8	123.2
Telecommunication equip.....	1971=100	(NA)	108.3	113.2	126.6	124.1	127.7	131.8	139.9	151.5	157.4
Bicycles and parts <sup>3</sup> (f.o.b.).....	1973=100	(NA)	(NA)	100.0	107.8	122.5	120.4	128.5	139.5	151.4	169.7
Apparel and clothing.....	1977=100	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	100.0	103.0	114.3	117.8
Footwear (c.i.f.).....	1972=100	(NA)	100.0	115.5	145.6	159.0	171.0	180.0	200.2	243.3	260.9
Phono, tape recorders (f.o.b.).....	1971=100	(NA)	105.6	117.1	114.6	108.7	107.5	110.1	123.9	130.2	122.3
Toys, indoor games (f.o.b.).....	1972=100	(NA)	100.0	110.0	117.0	120.5	123.0	130.6	143.4	153.1	166.5

NA Not available. <sup>1</sup>Includes veneered panels. <sup>2</sup>For making or breaking or for protecting electric circuits. <sup>3</sup>Excludes motorized cycles.

## NO. 805. EXPORT PRICE INDEXES—SELECTED COMMODITIES: 1970 TO 1980

[June 1967=100, except as indicated. As of June. Indexes are weighted by 1975 export values according to Schedule B classification system of 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	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980
Raw cotton (1973=100).....	(NA)	(NA)	(NA)	100.0	122.7	91.3	131.8	131.5	118.3	131.0	147.2
Organic coal tar, cyclic chemical intermediates (1974=100).....	(NA)	(NA)	(NA)	(NA)	100.0	86.4	87.4	90.1	91.1	119.7	140.2
Tools, machine and hand.....	108.5	112.1	117.8	123.5	159.0	178.2	186.3	217.6	234.5	269.7	302.1
Locksmiths' wares.....	111.7	116.9	123.3	126.5	137.4	138.9	142.9	150.4	169.3	180.5	205.1
Machinery and transportation equipment <sup>1</sup> (1975=100).....	(NA)	(NA)	(NA)	(NA)	(NA)	100.0	106.8	113.2	122.2	132.4	147.3
Engines, internal combustion <sup>2</sup> .....	106.3	112.0	115.3	118.6	135.2	159.8	173.1	181.2	195.4	214.2	237.5
Tractors <sup>3</sup> .....	112.9	119.9	129.9	136.8	156.6	187.5	201.0	218.1	243.3	265.5	306.7
Agricultural machinery <sup>4</sup> (1971=100).....	(NA)	100.0	102.5	108.2	124.9	158.2	170.5	181.1	193.6	216.6	264.4
Office machines <sup>5</sup> (1969=100).....	95.5	97.7	96.1	96.1	91.9	94.1	94.6	97.5	97.6	97.1	99.4
Machine tools.....	114.8	119.4	124.8	130.8	154.5	179.2	190.1	201.7	227.3	253.3	289.3
Textile machinery.....	109.7	119.9	125.9	138.6	149.3	159.6	174.6	187.3	203.2	212.1	245.4
Printing and bookbinding machinery and parts.....	110.8	113.0	115.3	116.6	122.8	131.8	145.5	163.1	176.7	194.9	221.6
Excavating, leveling, etc., machinery.....	122.4	125.5	130.9	134.7	151.7	181.3	197.7	218.7	239.5	264.9	297.8
Mineral crushing machinery.....	123.2	128.7	135.5	143.1	168.3	191.6	222.2	237.9	247.5	277.3	307.5
Heating and cooling equipment.....	110.4	114.9	118.5	120.7	134.4	154.3	160.7	169.7	179.8	191.6	206.5
Pumps and centrifuges.....	114.3	115.0	117.8	122.7	151.0	177.7	195.5	210.2	218.9	235.3	260.8
Forklift trucks (1970=100).....	100.0	103.2	108.5	111.9	137.0	161.5	174.0	184.0	198.3	219.8	243.5
Powered tools <sup>6</sup> .....	108.8	112.1	114.4	120.0	138.0	158.9	173.9	192.0	208.0	227.8	249.0
Nonelectrical machines.....	111.8	111.8	113.4	119.8	133.6	148.4	162.1	172.3	187.9	205.4	229.1
Machinery and mechanical devices.....	106.7	108.5	112.6	115.1	132.4	150.6	159.2	166.1	179.0	194.9	220.1
Elec. power mach., excl. turbines.....	108.1	113.2	116.1	121.6	134.4	155.5	162.5	174.8	183.1	197.3	230.2
Electrical apparatus <sup>7</sup> .....	103.6	110.7	113.9	116.7	126.1	131.8	140.7	150.5	163.7	170.2	204.6
Telecommunications equipment.....	109.5	113.3	117.0	123.5	139.9	154.5	160.2	163.7	170.8	187.8	200.5
Electric household appliances.....	105.6	110.6	110.2	109.7	120.0	138.8	142.9	149.7	157.1	165.0	185.4
Lorries and trucks.....	110.2	119.1	118.6	122.5	140.9	166.5	183.2	193.0	221.8	241.0	265.4
Motor vehicle parts, new <sup>8</sup> .....	102.4	115.0	118.2	118.7	129.3	155.9	163.1	168.2	189.0	212.0	245.3
Aircraft, new <sup>9</sup> (f.a.f.) (1973=100).....	(NA)	(NA)	(NA)	100.0	106.4	116.2	126.6	137.5	147.6	156.2	291.9
Aircraft parts <sup>10</sup> .....	120.4	130.7	145.1	151.5	162.2	189.6	203.8	223.4	238.8	266.5	165.9
Phonographs, tape recorders, etc.....	110.7	113.7	114.5	114.5	126.6	133.2	136.3	142.7	167.6	189.1	(NA)

NA Not available. <sup>1</sup>Excludes military and commercial aircraft. <sup>2</sup>Excludes aircraft engines. <sup>3</sup>Excludes road tractors for tractor-trailer combinations. <sup>4</sup>Includes appliances for preparing and cultivating the soil. <sup>5</sup>Includes road tractors for tractor-trailer combinations. <sup>6</sup>Includes tools for working metals, wood, plastics, and hand carving materials. <sup>7</sup>For making or breaking or for protecting electric circuits. <sup>8</sup>Nonmilitary, excludes parts for assembly. Prices are f.a.s. (free alongside ship). Excludes motorcycle parts. <sup>9</sup>Excludes military, cargo, and passenger transport. Prices are f.a.f. (fly away factory). <sup>10</sup>Excludes rubber tires, engines, and electrical parts.

Source of tables 804 and 805: U.S. Bureau of Labor Statistics, *News*, quarterly.

## NO. 806. CONSUMER PRICE INDEXES, BY MAJOR GROUPS: 1950 TO 1980

[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. 476. 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 <sup>1</sup>	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	56.3	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, May.....	244.9	250.4	188.9	312.9	249.7	556.0	298.2	177.5	249.2	239.5	263.4	231.4	269.2

NA Not available. <sup>1</sup> Includes bottled gas.

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

## NO. 807. CONSUMER PRICE INDEXES—ANNUAL PERCENT CHANGE IN MAJOR GROUPS: 1970 TO 1980

[See headnote, table 806. See also table 808 for base figures]

ALL ITEMS	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980 <sup>1</sup>
All items.....	5.9	4.3	3.3	6.2	11.0	9.1	5.8	6.5	7.7	11.3	14.4
Food.....	5.5	3.1	4.3	14.5	14.4	8.5	3.1	6.3	10.0	10.9	6.9
Rent, residential.....	4.2	4.6	3.5	4.3	5.1	5.1	5.4	6.1	6.8	7.3	8.7
Home ownership.....	10.8	4.1	4.8	4.7	11.3	11.3	5.5	6.9	10.9	15.5	22.8
Home purchase.....	8.0	5.5	4.2	2.1	7.5	12.3	5.1	6.6	9.6	13.4	14.8
Mortgage interest.....	10.1	-8.9	-2.4	4.9	13.8	1.4	-8.1	-1.7	5.9	12.7	24.9
Fuel oil and coal.....	4.3	6.7	.9	14.8	57.8	9.7	6.6	13.0	5.3	35.1	52.6
Gas and electricity.....	4.4	6.9	5.1	4.9	15.3	16.3	11.4	12.9	9.0	10.8	18.5
Apparel and upkeep.....	4.1	3.2	2.1	3.7	7.4	4.5	3.7	4.5	3.5	4.4	6.9
Private transportation.....	4.3	5.0	.8	3.4	12.4	9.7	9.9	7.3	4.8	14.8	19.8
Automobiles, new.....	3.1	4.1	-.9	1	5.8	8.6	6.3	5.3	7.6	7.9	7.9
Gasoline.....	-.9	-.7	1.2	9.8	35.4	6.8	4.2	5.8	4.3	35.3	51.6
Auto insurance rates.....	13.7	11.4	-.4	1.8	1	5.5	28.8	12.0	2.9	5.6	9.1
Public transportation.....	14.0	7.2	4.1	1.0	2.2	7.2	9.8	4.7	3.0	6.7	23.9
Inter-city bus fare.....	7.0	12.1	5.6	4.0	10.5	15.5	5.9	13.5	7.5	8.2	17.4
Medical care.....	6.4	6.5	3.2	3.9	9.3	12.0	9.5	9.6	8.4	9.3	11.5
Entertainment.....	5.1	5.3	2.9	2.8	7.5	8.9	5.0	4.9	5.3	6.7	8.6
Personal care.....	3.6	3.2	2.6	4.5	9.7	9.8	6.5	6.5	6.5	7.6	9.1
All services.....	8.1	5.6	3.8	4.4	9.3	9.5	8.3	7.7	8.5	11.0	17.3
All commodities.....	4.7	3.4	3.0	7.4	12.0	8.9	4.3	5.8	7.1	11.4	12.4

<sup>1</sup> Change from May 1979-May 1980.

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



## No. 808. CONSUMER PRICE INDEXES FOR SELECTED ITEMS AND GROUPS: 1970 TO 1980

[1967 = 100. Annual averages of monthly figures, except as indicated. See headnote, table 806]

COMMODITY	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, May
<b>All items</b> .....	<b>116.3</b>	<b>125.3</b>	<b>133.1</b>	<b>147.7</b>	<b>161.2</b>	<b>170.5</b>	<b>181.5</b>	<b>195.4</b>	<b>217.4</b>	<b>244.9</b>
<b>Food and beverages</b> .....	<b>114.7</b>	<b>123.2</b>	<b>139.5</b>	<b>158.7</b>	<b>172.1</b>	<b>177.4</b>	<b>188.0</b>	<b>206.3</b>	<b>228.5</b>	<b>244.1</b>
Food.....	114.9	123.5	141.4	161.7	175.4	180.8	192.2	211.4	234.5	250.4
Food at home.....	113.7	121.6	141.4	162.4	175.8	179.5	190.2	210.2	232.9	246.5
Cereals and bakery products.....	108.9	114.7	127.7	166.1	184.8	180.6	183.5	199.9	220.1	244.5
Meats, poultry, fish, eggs.....	117.3	128.4	160.4	163.7	176.4	178.9	177.5	204.3	234.2	231.5
Dairy products.....	111.8	117.1	127.9	151.9	156.6	169.3	173.9	185.6	207.1	226.2
Fruits and vegetables.....	113.4	125.0	142.5	165.8	171.0	175.4	191.6	212.9	230.0	246.6
Sugar and sweets.....	115.1	120.9	128.3	195.2	246.2	216.2	229.4	257.5	277.6	326.8
Fats and oils.....	105.8	116.6	126.4	179.4	198.6	173.7	191.4	209.6	226.3	239.5
Nonalcoholic beverages.....	117.4	121.3	130.2	155.6	178.9	214.0	322.4	340.8	357.8	393.0
Other prepared foods.....	109.4	114.7	119.0	144.3	163.0	169.4	175.4	189.4	208.5	229.1
Food away from home.....	119.9	131.1	141.4	159.4	174.3	186.1	200.3	216.4	242.9	264.6
Alcoholic beverages.....	112.3	119.6	122.5	131.8	142.1	146.8	150.9	159.8	172.4	185.4
<b>Housing</b> <sup>1</sup> .....	<b>118.2</b>	<b>128.1</b>	<b>133.7</b>	<b>148.8</b>	<b>164.5</b>	<b>174.8</b>	<b>186.5</b>	<b>202.8</b>	<b>227.6</b>	<b>261.7</b>
Shelter.....	123.6	134.5	140.7	154.4	169.7	179.0	191.1	210.4	239.7	280.2
Rent.....	110.1	119.2	124.3	130.6	137.3	144.7	153.5	164.0	176.0	188.9
Home purchase.....	118.3	130.0	132.7	142.7	160.3	168.4	179.5	196.7	223.1	249.7
Mortgage interest rates.....	132.1	117.5	123.2	140.2	142.1	140.9	138.5	146.7	165.4	202.4
Property taxes.....	121.0	145.7	152.3	151.2	158.8	167.6	182.3	192.1	182.6	187.6
Maintenance and repairs.....	124.0	140.7	151.0	171.6	187.6	199.6	214.7	233.0	256.4	284.9
Fuel and other utilities.....	107.6	120.1	126.9	150.2	167.8	182.7	202.2	216.0	239.3	275.9
Fuel oil, coal, and bottled gas.....	110.1	118.5	136.0	214.6	235.3	250.8	283.4	298.3	403.1	556.0
Fuel oil.....	109.3	116.6	134.5	213.0	230.6	247.2	280.2	296.9	416.8	580.4
Gas (piped) and electricity.....	107.3	120.5	126.4	145.8	169.6	189.0	213.4	232.6	257.8	298.2
Electricity.....	106.2	118.9	124.9	147.5	167.0	177.6	189.3	203.4	219.1	248.1
Household furnishings and operation <sup>2</sup> .....	111.5	118.3	121.6	135.3	151.0	160.1	167.5	177.7	190.3	204.2
Housefurnishings <sup>1</sup> .....	109.3	113.6	115.8	126.5	137.4	142.9	147.6	154.3	163.1	173.4
<b>Apparel and upkeep</b> <sup>3</sup> .....	<b>116.1</b>	<b>122.3</b>	<b>126.8</b>	<b>136.2</b>	<b>142.3</b>	<b>147.6</b>	<b>154.2</b>	<b>159.6</b>	<b>166.6</b>	<b>177.5</b>
Apparel commodities.....	116.5	122.7	127.1	136.1	141.2	145.8	151.6	155.7	161.1	170.1
Apparel commodities <sup>4</sup> .....	116.3	122.3	126.5	135.7	140.6	144.9	150.6	154.2	158.5	166.9
Men's and boys'.....	117.1	121.9	126.4	136.4	142.2	147.2	154.0	157.3	160.8	168.0
Women's and girls'.....	116.0	123.0	127.3	134.9	138.1	141.9	146.4	149.3	151.9	154.1
Footwear.....	117.7	124.9	130.2	138.1	144.2	149.9	156.9	163.8	176.7	189.3
<b>Transportation</b> .....	<b>112.7</b>	<b>119.9</b>	<b>123.8</b>	<b>137.7</b>	<b>150.6</b>	<b>165.5</b>	<b>177.2</b>	<b>185.5</b>	<b>212.0</b>	<b>249.0</b>
Private.....	111.1	117.5	121.5	136.6	149.8	164.6	176.6	185.0	212.3	249.2
Automobiles, new.....	107.6	111.0	111.1	117.5	127.6	135.7	142.9	153.8	166.0	178.9
Automobiles, used.....	104.3	110.5	117.6	122.6	146.4	167.9	182.8	186.5	201.0	199.3
Gasoline.....	105.6	107.6	118.1	159.9	170.8	177.9	188.2	196.3	265.6	375.4
Auto insurance rates.....	126.7	140.5	138.0	138.1	145.9	187.9	210.5	216.6	228.7	247.1
Public.....	128.5	143.4	144.8	148.0	158.6	174.2	182.4	187.8	200.3	239.5
Intracity mass transit.....	134.5	150.1	150.1	148.0	155.5	173.3	178.5	181.8	189.8	204.6
Inter-city bus fare.....	118.4	140.1	145.7	161.0	186.0	196.9	223.5	240.2	260.0	293.6
Airline fares.....	118.5	130.3	134.7	145.9	159.0	172.2	182.0	190.6	205.8	270.0
<b>Medical care</b> .....	<b>120.6</b>	<b>132.5</b>	<b>137.7</b>	<b>150.5</b>	<b>166.6</b>	<b>184.7</b>	<b>202.4</b>	<b>219.4</b>	<b>239.7</b>	<b>263.4</b>
Prescription drugs.....	101.2	100.9	100.5	102.9	109.3	115.2	122.1	131.6	141.8	153.5
Physicians' services.....	121.4	133.8	138.2	150.9	169.4	188.5	206.0	223.1	243.6	267.5
Dental services.....	145.4	132.3	136.4	146.8	161.9	172.2	185.1	199.1	214.8	238.8
Hospital room.....	145.4	173.9	182.1	201.5	236.1	268.6	299.5	332.4	370.3	410.1
<b>Entertainment</b> .....	<b>116.7</b>	<b>126.5</b>	<b>130.0</b>	<b>139.8</b>	<b>152.2</b>	<b>159.8</b>	<b>167.7</b>	<b>175.6</b>	<b>186.5</b>	<b>204.0</b>
Entertainment commodities.....	113.5	123.3	128.3	137.1	152.1	160.4	168.8	177.7	189.3	207.0
Newspapers.....	119.4	130.3	135.8	155.4	174.5	182.1	192.2	200.4	213.7	237.2
Entertainment services.....	121.0	130.7	134.9	143.2	152.4	159.0	166.2	175.4	187.6	200.1
<b>Other goods and services</b> <sup>1</sup> .....	<b>116.8</b>	<b>127.5</b>	<b>132.5</b>	<b>142.0</b>	<b>153.9</b>	<b>162.7</b>	<b>172.2</b>	<b>183.3</b>	<b>196.7</b>	<b>211.2</b>
Tobacco products.....	121.2	133.3	137.0	143.8	153.9	160.5	166.2	177.3	187.9	200.4
Personal care.....	113.2	119.8	125.2	137.3	150.7	160.5	170.9	182.0	195.8	211.6
Toilet goods <sup>5</sup> .....	110.4	116.9	120.0	133.3	150.0	158.5	167.5	176.6	186.7	204.1
Personal care services.....	116.0	122.9	130.6	141.5	151.4	162.5	174.4	187.3	202.7	218.8
Personal and educational expenses.....	118.2	136.7	143.4	151.3	162.4	173.1	184.1	198.0	213.6	229.2
<b>All services</b> .....	<b>121.6</b>	<b>133.3</b>	<b>139.1</b>	<b>152.1</b>	<b>166.6</b>	<b>180.4</b>	<b>194.3</b>	<b>210.9</b>	<b>234.2</b>	<b>269.2</b>
Services less rent.....	123.7	135.9	141.8	156.0	171.9	185.8	201.6	219.4	244.9	284.4
Household services less rent <sup>1</sup> .....	126.4	138.7	146.2	165.1	183.6	197.2	212.4	234.7	267.2	319.6
Transportation services.....	123.1	136.0	136.9	141.9	152.7	174.3	188.4	197.4	212.8	241.5
Medical care services.....	124.2	138.2	144.3	159.1	179.1	197.1	216.7	235.4	258.3	284.7
Other services <sup>1</sup> .....	117.3	126.8	132.6	142.6	153.1	162.3	172.5	184.7	199.8	215.9
<b>All commodities</b> .....	<b>113.5</b>	<b>120.9</b>	<b>129.9</b>	<b>145.5</b>	<b>158.4</b>	<b>165.2</b>	<b>174.7</b>	<b>187.1</b>	<b>208.4</b>	<b>231.4</b>
Durable.....	111.8	118.9	121.9	130.6	145.5	154.3	163.2	173.9	191.1	207.1
Non-durable.....	114.0	121.7	132.8	151.0	163.2	169.2	178.9	192.0	215.9	243.2
<b>All commodities less food</b> .....	<b>112.5</b>	<b>119.4</b>	<b>123.5</b>	<b>136.6</b>	<b>149.1</b>	<b>156.6</b>	<b>165.1</b>	<b>174.7</b>	<b>195.1</b>	<b>220.2</b>
Non-durables less food.....	113.1	119.8	124.8	140.9	151.7	158.3	166.5	174.3	198.7	235.5
Non-durables less food, apparel.....	111.2	118.2	123.4	143.8	157.9	165.7	175.3	185.0	218.2	267.9

<sup>1</sup>Index series underwent a change in definition effective with the 1978 revision. Therefore, these data differ from those previously published. <sup>2</sup>Includes housekeeping supplies and services. <sup>3</sup>Includes apparel services. <sup>4</sup>Except foot-wear. <sup>5</sup>Includes personal care appliances.

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

# NO. 809. PERCENT CHANGES IN CONSUMER PRICES, UNITED STATES AND OECD COUNTRIES: 1965 to 1979

[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- 1979, avg.	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
United States.....	4.2	6.7	7.8	5.9	4.3	3.3	6.2	11.0	9.1	5.8	6.5	7.7	11.3
OECD, total.....	4.2	8.5	8.8	5.6	5.3	4.7	7.8	13.4	11.3	8.6	8.9	7.9	9.7
OECD, Europe.....	4.0	9.6	10.5	5.1	6.6	6.5	8.7	13.2	13.1	11.0	11.3	9.2	10.5
Australia.....	3.1	10.2	10.7	3.9	6.1	5.8	9.5	15.1	15.1	13.5	12.3	7.9	9.1
Canada.....	3.8	7.3	8.4	3.3	2.9	4.8	7.6	10.8	10.8	7.5	8.0	9.0	9.1
Japan.....	5.5	11.5	6.3	7.7	6.1	4.5	11.7	24.5	11.8	9.3	8.1	3.8	3.6
New Zealand.....	1.9	10.2	14.3	6.5	10.4	6.9	8.2	11.1	14.7	16.9	14.3	12.0	13.8
Austria.....	3.3	7.3	5.0	4.4	4.7	6.3	7.6	9.5	8.4	7.3	5.5	3.6	3.7
Belgium.....	3.5	8.4	6.3	3.9	4.3	5.5	7.0	12.7	12.8	9.2	7.1	4.5	4.5
Denmark.....	6.4	9.3	9.9	5.8	5.8	6.6	9.3	15.3	9.6	9.0	11.1	10.0	9.6
Finland.....	4.7	11.7	10.4	2.8	6.5	7.1	10.7	16.9	17.9	14.4	12.2	7.8	7.5
France.....	4.3	8.8	9.7	5.2	5.3	6.1	7.3	13.7	11.7	9.6	9.4	9.1	10.8
W. Germany, Fed. Rep. of.....	2.6	6.1	4.2	3.4	5.3	5.5	6.9	7.0	6.0	4.5	3.7	2.7	4.1
Greece.....	2.5	12.3	14.2	3.2	3.0	4.3	15.5	27.0	13.4	13.3	12.1	12.6	19.0
Ireland.....	5.3	13.3	13.1	8.2	8.9	8.7	11.4	17.0	20.9	18.0	13.6	7.6	13.3
Italy.....	3.0	11.3	15.5	5.0	4.8	5.7	10.8	19.1	17.0	16.8	18.4	12.1	14.8
Luxembourg.....	3.0	7.2	6.0	4.6	4.7	5.2	6.1	9.5	10.7	9.8	6.7	3.1	4.5
Netherlands.....	4.8	8.6	6.1	3.6	7.5	7.8	8.0	9.6	10.2	8.8	6.4	4.1	4.2
Norway.....	4.9	8.4	7.8	10.6	6.2	7.2	7.5	9.4	11.7	9.1	9.1	8.1	4.8
Portugal.....	6.4	15.1	23.5	6.4	11.9	10.7	12.9	25.1	15.3	21.1	23.7	14.2	25.9
Spain.....	5.1	12.1	19.3	5.7	8.3	8.3	11.4	15.7	16.9	17.6	24.5	19.8	15.7
Sweden.....	4.5	8.0	9.7	7.0	7.4	6.0	6.7	9.9	9.8	10.3	11.4	10.0	7.2
Switzerland.....	3.5	7.7	1.9	3.6	6.6	6.7	8.7	9.8	6.7	1.7	1.3	1.1	3.6
Turkey.....	8.1	18.6	38.2	7.9	19.0	15.4	14.0	23.9	21.2	17.4	26.0	61.9	63.5
U. Kingdom.....	4.6	13.0	13.5	6.4	9.4	7.1	9.2	16.0	24.2	16.5	15.8	8.3	13.4

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

# NO. 810. CONSUMER PRICE INDEXES FOR ALL URBAN CONSUMERS—U.S. REGIONS: 1969 TO 1979

[December 1977 = 100. For composition of regions, see fig. 1, inside front cover]

REGION	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
All items:											
Northeast.....	59.1	63.0	66.3	68.9	73.3	81.4	87.9	92.9	98.1	104.3	114.7
North Central.....	59.8	63.2	65.5	67.5	71.5	79.3	86.2	91.2	97.4	105.3	118.2
South.....	58.4	61.5	64.0	66.0	70.3	78.8	86.5	91.3	97.4	105.4	117.4
West.....	58.7	61.7	63.8	65.9	69.7	77.1	85.1	90.2	96.9	105.1	117.3
Food:											
Northeast.....	55.5	59.0	61.4	63.8	72.5	83.1	89.8	92.8	98.0	107.2	118.0
North Central.....	55.9	58.7	60.2	62.8	72.2	82.8	88.6	92.0	97.9	108.0	119.8
South.....	55.1	57.9	59.4	62.1	71.8	80.9	89.8	92.0	98.0	107.9	120.1
West.....	55.7	58.2	59.8	62.5	71.0	81.1	88.3	90.2	97.1	108.0	120.2
Housing:											
Northeast.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	104.3	115.2
North Central.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	106.1	121.1
South.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	106.0	119.0
West.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	105.1	117.8
Population size class:											
Less than 75,000.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	104.9	116.6
75,000 to 385,000.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	105.4	117.8
385,000 to 1,250,000.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	105.2	117.8
1,250,000 to 4,000,000.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	105.1	117.2
Over 4,000,000.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	104.5	115.4
ANNUAL PERCENT CHANGE											
All items:											
Northeast.....	5.9	6.6	5.2	3.9	6.4	11.1	8.0	5.7	5.6	6.3	10.0
North Central.....	5.5	5.7	3.6	3.1	5.9	10.9	8.7	5.8	6.8	8.1	12.3
South.....	6.0	5.3	4.1	3.1	6.5	12.1	9.8	5.5	6.7	8.2	11.4
West.....	5.0	5.1	3.4	3.3	5.8	10.6	10.4	6.0	7.4	8.5	11.6

NA Not available.

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

## NO. 811. CONSUMER PRICE INDEXES—SELECTED CITIES OR SMSA'S: 1960 TO 1979

[1967=100, except as noted. Annual averages of monthly figures. For coverage details, see headnote, table 806, and text, p. 475. 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.-Northeast 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	1971	1972	1973	1974	1975	1976	1977
<b>City average <sup>1 2</sup></b>	<b>88.7</b>	<b>94.5</b>	<b>116.3</b>	<b>121.3</b>	<b>125.3</b>	<b>133.1</b>	<b>147.7</b>	<b>161.2</b>	<b>170.5</b>	<b>181.5</b>
Anchorage, Alaska <sup>3</sup>	(NA)	(NA)	(NA)	112.9	115.9	120.8	133.9	152.3	164.1	175.0
Atlanta, Ga.	89.3	94.0	116.5	121.7	125.5	133.7	148.5	161.7	169.2	179.6
Baltimore, Md.	89.1	94.4	117.0	123.4	126.3	134.9	152.4	165.2	173.9	185.9
Boston, Mass.	88.5	94.5	116.7	122.7	127.1	134.7	148.7	162.1	174.5	183.4
Buffalo, N.Y.	(NA)	94.2	116.1	121.8	126.6	134.8	149.5	161.8	170.6	181.7
Chicago, Ill.-Northwestern Ind.	90.7	94.7	116.3	120.8	124.3	132.0	146.1	157.6	165.1	175.6
Cincinnati, Ohio-Ky.-Ind.	90.0	94.4	115.7	120.7	124.7	132.1	146.3	160.3	170.1	182.2
Cleveland, Ohio	90.6	94.7	119.3	122.8	126.5	134.1	147.8	160.9	169.0	180.5
Dallas-Fort Worth, Tex.	(NA)	93.8	117.8	121.3	124.9	132.0	145.3	158.2	167.7	180.2
Denver-Boulder, Colo.	(NA)	(NA)	(NA)	119.6	123.4	131.9	146.5	161.3	170.3	184.7
Detroit, Mich.	88.2	92.6	117.4	121.7	126.2	134.5	149.0	160.1	168.8	180.4
Honolulu, Hawaii	(NA)	94.6	114.2	118.9	122.8	128.3	141.9	155.0	162.8	171.0
Houston, Tex.	89.2	94.8	116.8	120.9	125.2	132.3	147.8	164.9	177.3	190.2
Kansas City, Mo.-Kans.	88.9	95.5	115.8	120.5	124.0	130.3	144.2	157.9	166.5	178.3
Los Angeles-Long Beach-Anaheim, Calif.	88.5	95.7	114.3	118.5	122.3	129.2	142.5	157.6	168.0	179.6
Milwaukee, Wis.	90.2	95.8	115.8	120.1	123.7	131.5	144.1	157.0	167.1	177.9
Minneapolis-St. Paul, Minn.-Wis.	89.0	94.5	117.5	121.7	125.5	133.0	148.3	160.9	170.9	183.0
New York, N.Y.-Northeast, N.J.	87.3	94.3	119.0	125.9	131.4	139.7	154.8	166.6	176.3	185.5
Northeast, Pa.	86.9	94.1	116.3	121.4	125.9	134.7	151.1	164.7	170.9	179.9
Philadelphia, Pa.-N.J.	88.4	94.7	117.8	123.5	127.0	135.5	151.6	164.2	172.4	183.5
Pittsburgh, Pa.	90.5	95.8	116.4	121.5	125.3	132.9	147.3	160.0	168.3	179.8
Portland, Oreg.-Wash.	87.1	94.6	113.2	116.1	119.5	127.3	142.8	156.5	167.0	180.2
St. Louis, Mo.-Ill.	87.7	94.1	115.2	119.6	122.3	129.3	142.2	156.1	165.1	176.6
San Diego, Calif.	(NA)	95.2	115.3	119.8	124.4	129.3	147.2	160.8	170.7	182.0
San Francisco-Oakland, Calif.	87.8	94.7	115.8	120.1	124.3	131.5	144.4	159.1	168.0	180.8
Seattle-Everett, Wash.	87.9	94.5	114.0	116.4	119.7	127.5	141.5	155.8	164.5	177.6
Washington, D.C.-Md.-Va.	87.7	94.1	117.6	122.7	126.9	136.0	150.0	161.6	171.1	183.0
<b>1979</b>										
	<b>1978, all items</b>	<b>All items</b>	<b>Food and beverages</b>	<b>Housing</b>	<b>Fuel and other utilities</b>	<b>Apparel and upkeep</b>	<b>Transportation</b>	<b>Medical care</b>	<b>Entertainment</b>	
<b>City average <sup>1 2</sup></b>	<b>195.4</b>	<b>217.4</b>	<b>228.5</b>	<b>227.6</b>	<b>239.3</b>	<b>166.6</b>	<b>212.0</b>	<b>239.7</b>	<b>188.5</b>	
Anchorage, Alaska <sup>3</sup>	187.5	207.0	245.3	205.9	182.7	162.2	194.9	249.1	192.4	
Atlanta, Ga.	192.6	212.7	231.4	219.9	228.9	169.6	197.1	239.8	176.1	
Baltimore, Md.	199.6	218.2	230.4	233.3	234.4	175.2	201.0	242.1	184.0	
Boston, Mass.	193.1	212.9	222.5	214.5	257.5	182.6	226.6	230.8	188.9	
Buffalo, N.Y.	193.0	211.3	223.1	216.7	301.0	190.1	206.4	212.7	179.5	
Chicago, Ill.-Northwestern, Ind.	190.7	214.6	230.7	218.4	211.9	149.4	213.8	241.7	172.2	
Cincinnati, Ohio-Ky.-Ind.	199.1	223.8	238.4	231.2	255.3	182.5	199.3	272.1	178.0	
Cleveland, Ohio	193.9	219.5	230.5	222.8	247.5	164.8	204.0	262.4	189.5	
Dallas-Fort Worth, Tex.	194.0	218.6	231.4	227.6	216.1	171.7	216.2	222.4	183.3	
Denver-Boulder, Colo.	202.1	233.5	222.8	267.7	212.2	171.9	211.6	223.1	198.2	
Detroit, Mich.	194.1	218.8	223.5	229.4	249.6	148.1	210.0	274.5	181.2	
Honolulu, Hawaii	184.1	204.6	231.0	192.7	209.2	171.7	189.5	238.7	187.5	
Houston, Tex.	208.2	235.7	243.0	281.2	282.2	196.7	200.5	261.7	181.4	
Kansas City, Mo.-Kans.	191.8	219.2	233.8	229.6	227.1	178.1	208.6	234.4	171.3	
Los Angeles-Long Beach-Anaheim, Calif.	192.8	213.7	222.4	223.8	189.8	153.2	217.5	244.8	165.2	
Miami <sup>4</sup>	104.5	114.8	120.8	113.0	107.5	108.6	115.8	119.0	109.2	
Milwaukee, Wis.	192.3	218.8	225.6	224.8	246.6	179.4	214.4	240.7	198.4	
Minneapolis-St. Paul, Minn.-Wis.	199.7	222.6	235.1	241.7	241.9	161.2	201.7	217.6	203.3	
New York, N.Y.-Northeast, N.J.	196.1	213.1	224.9	216.2	266.0	159.3	226.6	248.3	191.8	
Northeast, Pa.	191.9	210.7	220.2	220.0	301.7	158.6	207.5	236.7	183.6	
Philadelphia, Pa.-N.J.	194.3	213.6	231.5	215.2	235.6	155.8	217.2	255.8	188.6	
Pittsburgh, Pa.	195.5	217.3	229.3	229.8	225.7	161.4	216.8	239.0	180.5	
Portland, Oreg.-Wash.	198.4	225.4	227.2	242.7	258.1	168.1	206.9	237.7	185.9	
St. Louis, Mo.-Ill.	191.5	215.8	230.8	221.1	224.1	162.5	209.2	218.1	194.4	
San Diego, Calif.	200.1	233.1	227.6	267.3	184.3	164.7	209.8	231.7	179.3	
San Francisco-Oakland, Calif.	197.8	214.6	226.2	223.3	207.5	169.2	214.4	238.9	180.9	
Seattle-Everett, Wash.	194.8	216.3	218.3	231.6	213.4	168.3	201.5	231.7	182.3	
Washington, D.C.-Md.-Va.	197.0	218.6	242.2	221.3	230.1	171.5	210.3	252.7	179.7	

NA Not available. <sup>1</sup>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. <sup>2</sup>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. <sup>3</sup>October 1967=100. <sup>4</sup>November 1977=100.

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

## NO. 812. URBAN BUDGETS FOR A 4-PERSON FAMILY AND FOR A RETIRED COUPLE: 1970 TO 1979

[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 <sup>1</sup>			INTERMEDIATE BUDGET			HIGHER BUDGET		
	Urban U.S.	Metro. areas	Non-metro. areas <sup>2</sup>	Urban U.S.	Metro. areas	Non-metro. areas <sup>2</sup>	Urban U.S.	Metro. areas	Non-metro. areas <sup>2</sup>
<b>4-PERSON FAMILY</b>									
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
<b>Total cost, autumn 1978.....</b>	<b>11,546</b>	<b>11,685</b>	<b>10,925</b>	<b>18,622</b>	<b>18,982</b>	<b>17,016</b>	<b>27,420</b>	<b>28,186</b>	<b>24,000</b>
Cost of consumption, total.....	9,391	9,485	8,968	14,000	14,238	12,940	19,225	19,670	17,236
Food.....	3,574	3,616	3,388	4,609	4,667	4,351	5,806	5,921	5,291
Housing <sup>3</sup> .....	2,233	2,267	2,081	4,182	4,279	3,750	6,345	6,531	5,512
Transportation.....	856	812	1,053	1,572	1,578	1,544	2,043	2,079	1,885
Clothing and personal care.....	1,148	1,159	1,098	1,612	1,624	1,555	2,338	2,355	2,263
Medical care.....	1,065	1,086	927	1,070	1,100	933	1,116	1,147	974
Other family consumption.....	515	536	420	956	990	808	1,578	1,637	1,312
Other costs <sup>4</sup> .....	502	505	489	810	818	773	1,365	1,388	1,266
Social security and disability insurance payments.....	719	730	669	1,078	1,085	1,022	1,091	1,094	1,079
Personal income taxes.....	935	965	799	2,738	2,841	2,281	5,739	6,035	4,419
<b>Total cost, autumn 1979.....</b>	<b>12,585</b>	<b>12,722</b>	<b>11,972</b>	<b>20,517</b>	<b>20,935</b>	<b>18,651</b>	<b>30,317</b>	<b>31,187</b>	<b>26,432</b>
Cost of consumption, total.....	10,234	10,330	9,802	15,353	15,619	14,167	21,069	21,572	18,825
Food.....	3,911	3,960	3,693	5,044	5,112	4,739	6,360	6,493	5,764
Housing <sup>3</sup> .....	2,409	2,443	2,257	4,594	4,702	4,110	6,871	7,181	6,031
Transportation.....	1,004	953	1,230	1,851	1,862	1,803	2,411	2,458	2,200
Clothing and personal care.....	1,189	1,200	1,137	1,688	1,681	1,606	2,417	2,436	2,331
Medical care.....	1,171	1,202	1,032	1,176	1,207	1,039	1,227	1,258	1,085
Other family consumption.....	550	572	454	1,021	1,055	871	1,684	1,745	1,413
Other costs <sup>4</sup> .....	539	542	526	877	887	836	1,478	1,503	1,366
Social security and disability insurance payments.....	781	790	742	1,256	1,279	1,150	1,413	1,413	1,412
Personal income taxes.....	1,032	1,061	902	3,031	3,150	2,498	6,357	6,699	4,829
<b>Percent change—</b>									
Total cost, 1970-1975.....	37.8	37.7	38.2	43.6	43.0	44.6	43.7	43.6	44.2
Total cost, 1975-1979.....	31.3	30.9	33.0	33.9	33.9	34.3	36.0	36.0	36.2
<b>RETIRED COUPLE</b>									
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	8,689
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
<b>Total cost, autumn 1979.....</b>	<b>6,023</b>	<b>6,132</b>	<b>5,695</b>	<b>8,582</b>	<b>8,849</b>	<b>7,703</b>	<b>12,669</b>	<b>13,191</b>	<b>11,105</b>
Cost of consumption, total.....	5,763	5,868	5,450	8,047	8,316	7,240	11,719	12,205	10,264
Food.....	1,882	1,899	1,831	2,507	2,543	2,399	3,149	3,202	2,992
Housing <sup>3</sup> .....	1,996	2,102	1,679	2,862	3,052	2,297	4,481	4,822	3,459
Transportation.....	420	379	543	820	830	792	1,528	1,566	1,414
Clothing and personal care.....	394	394	384	625	626	621	943	933	972
Medical care.....	837	842	822	842	847	828	848	852	835
Other family consumption.....	234	252	181	390	419	304	770	830	592
Other cost <sup>5</sup> .....	259	264	245	515	532	463	950	986	841
<b>Percent change—</b>									
Total cost, 1970-1975.....	44.8	44.5	45.9	44.0	43.4	46.2	34.9	33.6	39.9
Total cost, 1975-1979.....	33.8	33.1	36.0	32.4	31.9	34.5	32.0	31.6	33.5

<sup>1</sup> Not intended to represent a minimum or subsistence level. <sup>2</sup> Places with 2,500-50,000 population in 1960. <sup>3</sup> 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. <sup>4</sup> Includes gifts, contributions, life insurance, and occupational expenses. <sup>5</sup> 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. 813. URBAN INTERMEDIATE BUDGET FOR A 4-PERSON FAMILY AND A RETIRED COUPLE—U.S. COST, 1967 TO 1979, AND FOR SELECTED METROPOLITAN AREAS, 1979**

[In dollars, except percent. See headnote, table 812]

AREA	COST FOR 4-PERSON FAMILY					COST FOR RETIRED COUPLE				
	Total	Food	Housing <sup>1</sup>	Transportation	Other <sup>2</sup>	Total	Food	Housing <sup>1</sup>	Transportation	Other <sup>2</sup>
1967, urban U.S.	9,076	2,105	2,230	892	3,849	3,857	1,048	1,330	382	1,097
Percent	100.0	23.2	24.6	9.8	42.4	100.0	27.2	34.5	9.9	28.4
1970, urban U.S.	10,664	2,452	2,501	912	4,799	4,489	1,220	1,554	413	1,302
Percent	100.0	23.0	23.5	8.6	45.0	100.0	27.2	34.6	9.2	29.0
1975, urban U.S.	15,318	3,827	3,533	1,279	6,679	6,465	1,912	2,192	577	1,784
Percent	100.0	25.0	23.1	8.3	43.6	100.0	29.6	33.9	8.9	27.6
1976, urban U.S.	16,236	3,859	3,843	1,403	7,131	6,738	1,914	2,334	629	1,861
Percent	100.0	23.8	23.7	8.6	43.9	100.0	28.4	34.6	9.3	27.6
1977, urban U.S.	17,106	4,098	4,016	1,472	7,519	7,249	2,035	2,518	658	2,038
Percent	100.0	24.0	23.5	8.6	44.0	100.0	28.1	34.7	9.1	28.1
1978, urban U.S.	18,522	4,609	4,182	1,572	8,259	7,846	2,299	2,641	701	2,205
Percent	100.0	24.8	22.5	8.4	44.5	100.0	29.3	33.7	8.9	28.1
Percent change, urban U.S.:										
1967-1970	17.5	16.5	12.2	2.2	24.7	16.4	16.4	16.8	8.1	18.7
1970-1975	43.6	56.1	41.3	40.2	39.2	44.0	56.7	41.1	39.7	37.0
1975-1979	33.9	31.8	30.0	44.7	35.2	32.4	31.1	30.6	42.1	33.0
<b>1979</b>										
Urban U.S., total <sup>3</sup>	20,517	5,044	4,594	1,851	9,028	8,562	2,507	2,862	820	2,373
Percent	100.0	24.6	22.4	9.0	44.0	100.0	29.3	33.4	9.6	27.7
Nonmetropolitan areas <sup>4</sup>	18,651	4,739	4,110	1,803	7,999	7,703	2,399	2,297	792	2,215
Metropolitan areas	20,935	5,112	4,702	1,862	9,259	8,849	2,543	3,052	830	2,424
Atlanta, Ga.	18,821	4,837	3,786	1,830	8,368	7,912	2,420	2,246	873	2,373
Baltimore, Md.	20,316	4,835	4,418	1,778	9,285	8,436	2,401	2,800	883	2,352
Boston, Mass.	24,381	5,338	6,212	2,140	10,691	10,119	2,682	4,069	840	2,528
Buffalo, N.Y.	21,806	5,157	4,803	2,010	9,836	9,218	2,597	3,213	972	2,436
Chicago, Ill.-Northwestern Ind.	20,564	5,114	4,619	1,928	8,903	8,459	2,531	2,782	757	2,389
Cincinnati, Ohio-Ky.-Ind.	20,287	5,146	4,294	1,854	8,993	8,415	2,559	2,609	835	2,412
Cleveland, Ohio	20,868	5,057	4,705	1,866	9,240	8,924	2,516	3,030	889	2,489
Dallas, Tex.	18,301	4,750	3,923	1,875	7,753	8,117	2,330	2,543	903	2,341
Denver, Colo.	20,468	4,864	4,393	1,923	9,288	8,447	2,430	2,654	912	2,451
Detroit, Mich.	20,821	5,005	4,716	1,799	9,301	8,692	2,467	2,938	886	2,401
Honolulu, Hawaii	25,799	6,339	5,583	1,925	11,952	9,972	3,247	3,145	1,015	2,565
Houston, Tex.	19,025	4,939	3,972	1,857	8,257	8,384	2,451	2,633	864	2,436
Kansas City, Mo.-Kans.	19,618	4,917	3,956	1,975	8,770	8,395	2,428	2,584	903	2,480
Los Angeles-Long Beach, Calif.	19,871	4,903	4,222	1,948	8,798	8,439	2,435	2,627	984	2,393
Milwaukee, Wis.	21,387	4,899	4,894	1,887	9,707	8,850	2,436	3,034	906	2,474
Minneapolis-St. Paul, Minn.	21,426	5,094	4,444	1,841	10,047	8,735	2,530	2,908	878	2,419
New York, N.Y.-Northeastern N.J.	23,856	5,576	5,823	1,710	10,747	9,808	2,795	3,957	585	2,471
Philadelphia, Pa.-N.J.	21,436	5,661	4,610	1,774	9,391	8,691	2,820	3,076	716	2,279
Pittsburgh, Pa.	19,890	5,251	4,061	1,868	8,710	8,744	2,639	2,841	912	2,352
St. Louis, Mo.-Ill.	19,963	5,307	4,117	1,972	8,567	8,600	2,644	2,700	937	2,319
San Diego, Calif.	20,088	4,799	4,440	1,900	8,949	8,311	2,381	2,623	916	2,391
San Francisco-Oakland, Calif.	21,478	5,138	4,743	2,002	9,595	9,001	2,544	2,882	1,016	2,559
Seattle-Everett, Wash.	20,719	5,026	4,887	1,912	8,894	9,358	2,519	3,348	925	2,566
Washington, D.C.-Md.-Va.	22,206	5,179	5,032	1,838	10,157	9,263	2,579	3,233	911	2,540

<sup>1</sup> Includes weighted average cost of renter and homeowner shelter, housefurnishings, and household operations.

<sup>2</sup> Includes medical care, clothing and personal care, other family consumption, gifts and contributions, personal income taxes (except for retired couple in 1975, 1976, 1977, 1978, and 1979), and, for 4-person families, also basic life insurance, occupational expenses, and social security. <sup>3</sup> Procedures used in updating the budgets to 1979 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 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. <sup>4</sup> 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. 814. ANNUAL BUDGET COSTS FOR A 4-PERSON FAMILY—PERCENT DISTRIBUTION, 1970 TO 1979, AND ANNUAL PERCENT CHANGE, 1967 TO 1979

[As of autumn. See headnote, table 812. For definition of average annual percent change, see Guide to Tabular Presentation]

ITEM	LOWER BUDGET			INTERMEDIATE BUDGET			HIGHER BUDGET		
	1970	1975	1979	1970	1975	1979	1970	1975	1979
<b>PERCENT DISTRIBUTION</b>									
<b>Total cost</b> .....	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Total consumption.....	79.8	81.3	81.3	76.9	76.5	74.8	73.2	72.4	69.5
Food.....	27.3	30.8	31.1	22.9	25.0	24.6	19.9	21.6	21.0
Housing.....	20.5	19.4	19.1	23.4	23.1	22.4	24.4	24.0	23.0
Transportation.....	7.3	7.3	8.0	8.6	8.3	9.0	7.6	7.4	8.0
Clothing, personal care.....	11.6	10.6	9.4	10.7	9.4	8.1	10.7	9.3	8.0
Medical care.....	8.1	8.5	9.3	5.3	5.4	5.7	3.8	3.8	4.0
Other.....	5.0	4.7	4.4	6.0	5.4	5.0	6.8	6.1	5.6
Other items.....	4.9	4.5	4.3	5.1	4.6	4.3	5.8	5.3	4.9
Social security.....	5.0	6.0	6.2	3.6	5.4	6.1	2.5	3.8	4.7
Personal income taxes.....	10.3	8.1	8.2	14.4	13.4	14.8	18.5	18.5	21.0
<b>AVERAGE ANNUAL PERCENT CHANGE</b>									
<b>Total cost</b> .....	<b>5.6</b>	<b>6.6</b>	<b>7.0</b>	<b>5.5</b>	<b>7.5</b>	<b>7.6</b>	<b>5.9</b>	<b>7.5</b>	<b>8.0</b>
Total consumption.....	4.5	7.0	7.0	4.4	7.4	7.0	4.4	7.3	6.9
Food.....	5.0	9.2	7.3	5.2	9.3	7.2	6.1	9.3	7.2
Housing.....	3.1	5.4	6.7	3.9	7.2	6.8	4.1	7.3	6.8
Transportation.....	4.2	6.8	9.4	1.5	7.0	9.7	1.6	7.0	9.8
Clothing, personal care.....	4.9	4.8	3.9	4.9	4.7	3.9	4.6	4.7	3.8
Medical care.....	5.8	7.8	9.4	5.7	7.8	9.4	5.8	7.8	9.4
Other.....	5.4	5.3	5.3	5.0	5.4	5.3	3.0	5.4	5.3
Other items.....	2.9	4.9	5.4	3.2	5.4	5.8	3.5	5.5	5.8
Social security.....	9.2	10.8	7.9	8.5	16.6	10.8	8.5	16.8	13.9
Personal income taxes.....	15.0	1.7	7.2	13.0	6.1	10.2	13.5	7.5	11.4

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

## NO. 815. URBAN INTERMEDIATE BUDGET FOR SELECTED METROPOLITAN AREAS, BY SIZE AND TYPE OF UNIT: 1979

[See headnote, table 812, and text, p. 476. Includes only the cost of goods and services for family consumption]

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 chil- dren	1 child under 6 years	2 children under 6 years	1 child, 6-15 years	2 chil- dren, oldest 6-15 yr.	3 children, oldest 6- 15 yr.
<b>Urban U.S.</b> .....	<b>\$5,370</b>	<b>\$7,520</b>	<b>\$9,520</b>	<b>\$11,050</b>	<b>\$12,590</b>	<b>\$15,353</b>	<b>\$17,810</b>
Atlanta, Ga.....	5,020	7,020	8,880	10,320	11,750	14,330	16,620
Baltimore, Md.....	5,210	7,290	9,220	10,710	12,200	14,879	17,260
Boston, Mass.....	6,200	8,660	10,980	12,750	14,520	17,705	20,540
Buffalo, N.Y.....	5,580	7,780	9,840	11,430	13,020	15,876	18,420
Chicago, Ill.-Northwestern Ind.....	5,460	7,650	9,680	11,240	12,800	15,605	18,100
Cincinnati, Ohio-Ky.-Ind.....	5,340	7,480	9,480	10,990	12,510	15,258	17,700
Cleveland, Ohio.....	5,520	7,730	9,780	11,360	12,930	15,773	18,300
Dallas, Tex.....	5,050	7,070	8,940	10,390	11,830	14,426	16,730
Detroit, Mich.....	5,410	7,580	9,590	11,140	12,680	15,469	17,940
Honolulu, Hawaii.....	6,310	8,840	11,180	12,990	14,790	18,039	20,930
Houston, Tex.....	5,230	7,320	9,260	10,760	12,250	14,942	17,330
Kansas City, Mo.-Kans.....	5,200	7,290	9,220	10,710	12,190	14,870	17,250
Los Angeles-Long Beach, Calif.....	5,290	7,410	9,370	10,880	12,400	15,118	17,540
Milwaukee, Wis.....	5,500	7,700	9,750	11,320	12,890	15,721	18,240
Minneapolis-St. Paul, Minn.....	5,340	7,470	9,450	10,980	12,500	15,249	17,690
New York, N.Y.-Northeastern N.J.....	5,960	8,350	10,560	12,260	13,970	17,032	19,760
Philadelphia, Pa.-N.J.....	5,470	7,650	9,690	11,250	12,810	15,622	18,120
Pittsburgh, Pa.....	5,200	7,270	9,200	10,690	12,170	14,843	17,220
St. Louis, Mo.-Ill.....	5,280	7,400	9,360	10,870	12,380	15,095	17,510
San Diego, Calif.....	5,340	7,480	9,460	10,990	12,520	15,263	17,710
San Francisco-Oakland, Calif.....	5,640	7,900	9,990	11,600	13,220	16,118	18,700
Seattle-Everett, Wash.....	5,640	7,900	9,990	11,600	13,210	16,113	18,690
Washington, D.C.-Md.-Va.....	5,620	7,860	9,950	11,550	13,160	16,048	18,620

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

## NO. 816. RETAIL PRICE INDEXES OF FOOD—SELECTED AREAS: 1970 TO 1980

[1967 = 100. See headnote, table 811 and text, p. 476 regarding SMSA's]

SMSA	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, May
<b>Total food</b> <sup>1, 2</sup>	<b>114.9</b>	<b>123.5</b>	<b>141.4</b>	<b>161.7</b>	<b>175.4</b>	<b>180.8</b>	<b>192.2</b>	<b>211.4</b>	<b>234.5</b>	<b>250.4</b>
Anchorage, Alaska	(NA)	113.1	124.4	145.7	167.6	174.2	185.8	204.1	227.2	239.8
Atlanta, Ga.	114.8	124.4	144.0	155.6	181.8	185.8	196.4	215.5	238.2	<sup>3</sup> 248.0
Baltimore, Md.	117.4	124.7	143.8	164.4	178.2	184.3	195.9	215.2	235.8	249.8
Boston, Mass.	114.9	123.7	140.1	161.3	175.2	183.1	190.9	206.7	229.0	240.8
Buffalo, N.Y.	116.2	123.5	141.0	160.1	173.6	178.6	189.2	206.1	226.8	<sup>3</sup> 238.6
Chicago, Ill.—Northwestern Ind.	115.4	123.9	142.7	161.6	175.1	180.1	191.0	213.5	236.8	255.4
Cincinnati, Ohio-Ky.	114.9	124.5	142.9	163.6	177.4	184.0	197.8	219.1	244.4	261.6
Cleveland, Ohio	117.5	123.3	142.1	161.1	175.8	185.9	196.1	213.6	236.3	<sup>3</sup> 248.5
Dallas, Tex.	114.8	123.0	140.1	157.9	172.5	176.9	191.3	209.4	235.8	<sup>3</sup> 250.4
Denver-Boulder, Colo.	(NA)	116.8	135.9	155.6	171.4	175.8	190.8	208.0	230.1	232.6
Detroit, Mich.	115.2	122.9	143.6	164.1	171.6	175.6	186.4	205.5	226.5	241.7
Honolulu, Hawaii	114.1	123.2	135.2	158.7	176.7	183.0	193.0	212.8	239.8	<sup>3</sup> 256.1
Houston, Tex.	115.5	125.0	143.3	164.9	181.2	187.6	198.8	218.7	248.3	<sup>3</sup> 264.0
Kansas City, Mo.—Kans.	116.1	123.6	141.4	162.5	177.8	180.9	193.0	215.4	239.2	<sup>3</sup> 255.8
Los Angeles-Long Beach, Calif.	112.2	120.4	136.5	156.3	170.1	173.5	185.8	206.7	229.5	245.0
Milwaukee, Wis.	113.1	120.6	138.4	158.1	171.9	180.0	189.9	210.5	234.9	245.2
Minneapolis-St. Paul, Minn.	116.5	124.4	142.0	163.6	178.9	186.6	196.7	213.3	244.4	<sup>3</sup> 259.9
New York, N.Y.—Northeast, N.J.	117.9	128.6	145.4	166.1	179.6	185.4	195.4	212.8	232.6	249.3
Northeast, Pennsylvania	115.7	123.4	141.9	161.7	172.9	178.4	189.5	207.2	228.1	244.0
Philadelphia, Pa.—N.J.	115.8	124.4	142.7	165.2	179.6	186.2	198.4	218.2	239.7	255.5
Pittsburgh, Pa.	115.6	122.8	141.7	164.2	177.4	181.1	193.6	212.6	233.5	<sup>3</sup> 246.4
Portland, Oreg.	110.9	118.0	133.7	154.5	168.4	177.3	188.8	207.7	233.6	247.7
St. Louis, Mo.—Ill.	115.4	122.5	140.2	159.7	174.3	180.5	192.8	210.4	234.7	246.8
San Diego, Calif.	113.6	123.3	139.6	159.6	173.7	179.2	190.5	212.2	236.0	255.0
San Francisco-Oakland, Calif.	112.5	121.4	138.0	155.6	171.2	179.9	187.4	207.4	234.1	<sup>3</sup> 245.9
Seattle, Wash.	113.5	120.7	136.3	155.8	169.6	175.0	187.9	204.1	225.4	240.4
Washington, D.C.—Md.—Va.	117.3	125.8	145.5	166.9	180.7	186.5	199.7	219.8	245.7	256.7

NA Not available. <sup>1</sup>1970 to 1977 based on 56 areas; beginning 1978, 85 areas. <sup>2</sup>Excludes Portland, Oregon through 1978. <sup>3</sup>April data.

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

## NO. 817. WEEKLY FOOD COST FOR FAMILIES, BY TYPE OF FAMILY: 1975 TO 1980

[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		1980	
					May	Dec.	March	May
Couple, 20-54 years old	37.10	36.80	39.70	43.20	46.40	47.50	46.30	48.90
Couple, 55 years and over	32.40	32.10	35.00	37.90	40.70	41.80	42.50	43.10
Couple with children:								
1 child, 1-5 years old	44.90	44.40	47.80	52.10	55.90	57.30	58.20	59.10
1 child, 15-19 years old	53.50	52.80	56.70	62.00	66.50	68.00	69.20	70.20
2 children, 1-5 years old	51.80	51.30	54.90	60.00	64.30	65.90	67.00	68.10
2 children, 6-11 years old	63.00	62.10	66.60	72.70	78.00	79.90	81.30	82.60
2 children, 12-19 years old	67.20	66.30	71.00	77.60	83.20	85.20	86.70	88.10

Source: U.S. Dept. of Agriculture, Science and Education Administration. Through June 1978, *Food and Home Notes*, weekly; thereafter, *News Feature*, weekly.

## NO. 818. WEEKLY FOOD COST FOR FAMILIES, BY COST LEVEL AND REGION: 1980

[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 1980 level. For composition of regions, see fig. 1, inside front cover]

REGION AND URBAN FAMILY TYPE	Low level	Moderate level	Liberal level	REGION AND URBAN FAMILY TYPE	Low level	Moderate level	Liberal level
<b>Northeast:</b>				<b>South:</b>			
Couple, 20-54 years old	40.70	52.30	63.30	Couple, 20-54 years old	38.10	47.60	56.80
Couple, 55 years and over	36.00	45.80	55.20	Couple, 55 years and over	33.70	41.60	49.50
4-person families:				4-person families:			
With preschool children <sup>1</sup>	56.60	72.20	87.40	With preschool children <sup>1</sup>	53.00	66.00	78.70
With school children <sup>2</sup>	68.20	87.60	105.90	With school children <sup>2</sup>	64.10	80.10	95.50
<b>North Central:</b>				<b>West:</b>			
Couple, 20-54 years old	39.70	48.90	59.20	Couple, 20-54 years old	39.70	49.90	60.30
Couple, 55 years and over	35.30	43.10	51.90	Couple, 55 years and over	35.40	43.80	52.70
4-person families:				4-person families:			
With preschool children <sup>1</sup>	55.50	68.10	82.30	With preschool children <sup>1</sup>	55.60	69.30	84.00
With school children <sup>2</sup>	67.10	82.80	100.00	With school children <sup>2</sup>	67.20	84.20	102.10

<sup>1</sup>Couple, 20-54 years; children, 1-2 and 3-5 years. <sup>2</sup>Couple, 20-54 years; child, 6-8, and boy, 9-11 years.

Source: U.S. Dept. of Agriculture, Science and Education Administration, *Family Economics Review*, Summer 1980.

## NO. 819. INDEXES OF RESIDENTIAL RENTS IN SELECTED SMSA'S: 1970 TO 1980

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

SMSA <sup>1</sup>	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, May
Anchorage, Alaska (Oct. 1967 = 100)	(NA)	111.2	112.1	114.4	125.5	143.2	152.9	160.4	161.1	<sup>2</sup> 157.8
Atlanta, Ga.	109.9	117.0	120.3	125.1	129.0	131.2	135.3	140.0	152.3	<sup>2</sup> 160.0
Baltimore, Md.	106.9	112.6	116.1	121.3	127.4	135.5	143.9	154.6	163.5	<sup>2</sup> 172.9
Boston, Mass.	115.4	129.2	136.2	142.9	149.6	156.7	166.2	174.2	183.0	<sup>2</sup> 194.4
Buffalo, N.Y.	109.3	120.1	126.3	132.3	140.8	149.3	156.8	162.7	169.2	<sup>2</sup> 176.1
Chicago, Ill.-Northwestern Ind.	107.6	113.2	121.6	127.6	132.8	137.7	142.7	150.6	160.6	<sup>2</sup> 172.0
Cincinnati, Ohio-Ky.	105.7	109.6	111.6	115.4	120.1	124.0	133.4	142.9	155.2	<sup>2</sup> 168.9
Cleveland, Ohio	107.5	113.0	115.0	118.6	123.7	130.8	139.8	149.7	158.9	<sup>2</sup> 167.1
Dallas, Tex.	110.1	111.8	113.4	116.9	122.1	129.2	140.3	155.5	172.6	<sup>2</sup> 186.4
Denver-Boulder, Colo.	(NA)	114.5	121.5	127.3	130.3	133.5	139.7	153.2	168.8	<sup>2</sup> 182.9
Detroit, Mich.	111.5	120.2	124.2	129.8	135.9	141.5	150.8	162.6	176.5	<sup>2</sup> 191.7
Honolulu, Hawaii	118.1	127.7	133.1	142.9	150.4	156.8	163.5	174.1	187.3	<sup>2</sup> 205.6
Houston, Tex.	106.9	110.9	112.3	116.1	123.3	140.1	155.8	163.0	172.1	<sup>2</sup> 180.7
Kansas City, Mo.-Kans.	106.3	110.7	112.6	115.3	119.2	124.0	131.3	139.6	149.2	<sup>2</sup> 156.0
Los Angeles-Long Beach, Calif.	111.9	118.5	121.9	128.0	134.8	144.3	157.2	171.7	188.5	<sup>2</sup> 207.6
Milwaukee, Wis.	109.8	117.9	122.7	128.8	136.9	144.1	152.5	159.6	168.7	<sup>2</sup> 178.4
Minneapolis-St. Paul, Minn.	114.2	121.1	122.8	126.9	132.8	141.5	150.5	160.5	175.8	<sup>2</sup> 186.0
New York, N.Y.-Northeast N.J.	110.9	127.2	136.6	145.0	153.7	162.5	171.4	180.1	188.7	<sup>2</sup> 199.9
Northeast, Pennsylvania	113.1	126.1	133.1	143.2	155.9	166.3	178.2	186.2	207.2	<sup>2</sup> 217.7
Philadelphia, Pa.-N.J.	112.5	124.4	129.6	136.7	146.4	155.7	166.1	174.4	182.4	<sup>2</sup> 192.0
Pittsburgh, Pa.	109.0	117.0	119.7	123.6	129.0	137.0	149.2	162.7	173.9	<sup>2</sup> 180.8
Portland, Ore.-Wash.	109.3	117.4	121.5	127.9	135.8	145.2	157.9	172.6	188.5	<sup>2</sup> 200.3
St. Louis, Mo.-Ill.	105.6	108.6	110.2	112.7	116.1	120.4	127.0	136.8	149.0	<sup>2</sup> 166.1
San Diego, Calif.	123.6	133.6	136.9	141.8	148.7	158.3	170.2	185.6	205.5	<sup>2</sup> 221.2
San Francisco-Oakland, Calif.	119.3	129.2	133.2	138.7	144.8	150.3	164.7	177.3	190.3	<sup>2</sup> 207.4
Seattle, Wash.	109.1	105.7	108.5	118.1	130.8	141.1	153.6	168.0	195.1	<sup>2</sup> 225.3
Washington, D.C.-Md.-Va.	109.4	118.6	124.3	131.6	140.3	149.0	158.4	168.0	181.2	<sup>2</sup> 194.7

NA Not available.

<sup>1</sup> See headnote, table 811 and text, page 476.<sup>2</sup> April data.

## NO. 820. CONSUMER PRICE INDEXES OF FUELS AND UTILITIES: 1965 TO 1980

[1967 = 100. Represents all urban consumers. A therm = 100,000 Btu's. Annual averages for cities combined. See text, p. 476. See also *Historical Statistics, Colonial Times to 1970*, Series E 203-211]

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980, May
Consumer price index, all items	94.5	116.3	133.1	147.7	161.2	170.5	181.5	195.4	217.4	244.9
Fuels and other utilities	98.3	107.6	126.9	150.2	167.8	182.7	202.2	216.0	239.3	275.9
Gas (piped) and electricity	99.4	107.3	126.4	145.8	169.6	189.0	213.4	232.6	257.8	298.2
Gasoline, regular and premium	94.9	105.6	118.1	159.9	170.8	177.9	188.2	196.3	265.6	375.4
Electricity (composite)	99.1	106.2	124.9	147.5	167.0	177.6	189.3	203.4	219.1	248.1
Fuel oil, coal, and bottled gas	94.6	110.1	136.0	214.6	235.3	250.8	283.4	298.3	403.1	556.0
Telephone services, residential	100.8	102.5	116.5	121.4	125.3	129.8	131.3	132.8	132.4	134.0
Water and sewer service, residential	94.4	120.4	146.1	154.8	169.9	188.7	209.1	232.6	243.3	256.5

Source of tables 819 and 820: U.S. Bureau of Labor Statistics, *Monthly Labor Review*.NO. 821. AVERAGE PRICE OF RESIDENTIAL UTILITY (PIPED) GAS, ELECTRICITY, AND FUEL OIL  
NO. 2, SELECTED AREAS: 1975 AND 1979

[In dollars per unit shown, except as indicated. One therm contains approximately 100 cubic feet of natural gas. As of January, 1975 not strictly comparable to 1979 due to revised methodology. For complete SMSA titles, see Appendix (I)]

AREA	UTILITY (piped) GAS (100 therms)		ELECTRICITY (500 kWh)		FUEL OIL No. 2 (gallon)		AREA	UTILITY (piped) GAS (100 therms)		ELECTRICITY (500 kWh)		FUEL OIL No. 2 (gallon)	
	1975	1979	1975	1979	1975	1979		1975	1979	1975	1979	1975	1979
U.S. city average	13.79	28.83	(NA)	23.65	.378	.555	L.A., Long Beach, Anaheim	(NA)	20.59	19.65	24.94	(NA)	(NA)
Anchorage	(NA)	19.07	(NA)	18.56	(NA)	.525	Miami	(NA)	33.35	(NA)	21.95	(NA)	(NA)
Atlanta	12.18	27.28	15.74	20.51	(NA)	(NA)	Milwaukee	15.15	30.19	16.23	18.76	.364	.540
Baltimore	20.17	36.96	25.47	27.59	.367	.552	Minn.-St. Paul	13.54	29.40	18.69	23.45	.354	.515
Boston	25.38	39.37	23.70	23.84	.393	.552	New York	22.93	46.81	36.51	36.92	.402	.580
Buffalo	18.54	34.14	19.09	22.48	.416	.579	Northeast	(NA)	37.14	(NA)	25.67	(NA)	.522
Chicago	14.32	30.14	18.58	26.18	.342	.544	Philadelphia	20.09	38.47	27.16	23.80	.380	.550
Cincinnati	13.28	28.72	17.71	21.21	(NA)	.531	Pittsburgh	14.18	26.77	20.75	26.42	(NA)	(NA)
Cleveland	12.29	25.09	20.40	26.54	(NA)	(NA)	Portland	(NA)	37.86	(NA)	15.44	(NA)	.509
Dallas	9.14	24.95	15.72	19.74	(NA)	(NA)	St. Louis	14.54	30.44	17.83	22.98	.375	(NA)
Denver	(NA)	24.69	(NA)	23.73	(NA)	(NA)	San Diego	(NA)	20.87	17.93	25.30	(NA)	(NA)
Boulder	(NA)	24.69	(NA)	23.73	(NA)	(NA)	San Francisco	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Detroit	13.50	27.81	19.82	27.59	.351	.542	Oakland	12.91	18.16	14.81	18.89	(NA)	(NA)
Honolulu	(NA)	31.94	17.34	30.49	(NA)	(NA)	Seattle	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Houston	14.99	(NA)	14.33	21.86	(NA)	(NA)	Everett	18.86	36.67	6.93	8.89	.407	.538
Kansas City	9.29	19.67	19.22	22.51	(NA)	(NA)	Wash., D.C.	20.43	37.27	22.32	24.48	.382	.560

NA Not available.

<sup>1</sup> Excludes Honolulu.<sup>2</sup> Includes Ft. Worth.<sup>3</sup> Price is for propane only.Source: U.S. Bureau of Labor Statistics, *Consumer Prices: Energy*, monthly.



### NO. 822. AVERAGE RESIDENTIAL, COMMERCIAL, AND INDUSTRIAL MONTHLY BILLS FOR ELECTRICITY: 1970 TO 1979

[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, 1979. Composite average as of January 1, using latest available population weights. kW=kilowatts; kWh=kilowatthours]

ITEM	1970	1975	1979	ITEM	1970	1975	1979
<b>RESIDENTIAL</b>				<b>COMMERCIAL—Con.</b>			
<b>Average bill, dollars:</b>				<b>Average bill, cents per kWh:</b>			
500 kWh.....	10.51	17.93	23.05	6 kW, 750 kWh.....	3.6	5.5	6.8
750 kWh.....	14.22	24.72	32.72	12 kW, 1,500 kWh.....	3.4	5.6	6.9
1,000 kWh.....	18.31	32.29	43.12	30 kW, 6,000 kWh.....	2.7	4.9	5.7
				40 kW, 10,000 kWh.....	2.4	4.1	5.2
<b>Average bill, cents per kWh:</b>				<b>INDUSTRIAL</b>			
500 kWh.....	2.1	3.6	4.6	<b>Average bill, dollars:</b>			
750 kWh.....	2.0	3.3	4.4	150 kW, 30,000 kWh.....	648	1,157	1,531
1,000 kWh.....	1.8	3.2	4.3	300 kW, 60,000 kWh.....	1,183	2,199	2,975
<b>COMMERCIAL</b>				1,000 kW, 200,000 kWh.....	3,492	6,888	9,408
<b>Average bill, dollars:</b>				<b>Average bill, cents per kWh:</b>			
6 kW, 750 kWh.....	27.09	41.30	51.27	150 kW, 30,000 kWh.....	2.2	3.9	5.1
12 kW, 1,500 kWh.....	51.64	83.49	102.91	300 kW, 60,000 kWh.....	2.0	3.7	5.0
30 kW, 6,000 kWh.....	162.91	268.71	343.91	1,000 kW, 200,000 kWh.....	1.8	3.4	4.7
40 kW, 10,000 kWh.....	239.37	405.63	521.09				

### NO. 823. NET MONTHLY RESIDENTIAL ELECTRIC BILLS (RANGE OF LOWEST TO HIGHEST) FOR 500 KILOWATTHOURS USE, 1970 TO 1979, AND BY STATES, 1979

[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	Ga.....	11.84	27.47	N. Mex.....	17.75	34.40
1971.....	4.25	28.00	Hawaii.....	30.49	44.13	N.Y.....	5.86	47.14
1972.....	4.25	30.37	Idaho.....	8.40	18.75	N.C.....	7.00	31.51
1973.....	4.25	30.37	Ill.....	16.00	30.45	N. Dak.....	12.11	23.63
1974.....	4.25	30.37	Ind.....	12.72	26.87	Ohio.....	17.50	32.08
1975.....	5.10	41.14	Iowa.....	14.10	32.50	Okla.....	13.75	31.55
1976.....	4.68	41.13	Kans.....	15.09	34.60	Oreg.....	5.78	15.51
1977.....	4.68	41.13	Ky.....	12.70	22.59	Pa.....	13.60	33.24
1978.....	4.68	47.14	La.....	11.00	29.88	R.I.....	20.31	28.01
1979.....	4.68	55.97	Maine.....	18.95	29.30	S.C.....	16.82	28.20
Ala.....	12.70	25.00	Md.....	17.98	31.29	S. Dak.....	11.32	25.89
Alaska.....	17.31	55.97	Mass.....	18.56	35.25	Tenn.....	12.70	19.26
Ariz.....	21.20	34.72	Mich.....	10.60	28.30	Tex.....	10.64	33.10
Ark.....	11.84	24.83	Minn.....	9.90	32.80	Utah.....	10.32	27.19
Calif.....	9.19	29.96	Miss.....	12.70	30.35	Vt.....	17.11	23.75
Colo.....	10.29	27.27	Mo.....	10.17	32.18	Va.....	14.80	27.27
Conn.....	21.11	25.99	Mont.....	10.75	21.50	Wash.....	4.68	12.55
Del.....	26.48	33.29	Nebr.....	15.94	28.10	W. Va.....	19.07	22.28
D.C.....	19.04	19.04	Nev.....	10.60	26.92	Wis.....	12.05	23.15
Fla.....	18.84	31.50	N.H.....	23.94	28.60	Wyo.....	12.36	24.37
			N.J.....	19.83	37.56			

Source of tables 822 and 823: Through 1975, U.S. Federal Power Commission, *Typical Electric Bills*, annual; thereafter, U.S. Energy Information Administration, *Typical Electric Bills*.

### NO. 824. AVERAGE PRICES OF SELECTED FUELS AND UTILITIES: 1975 TO 1980

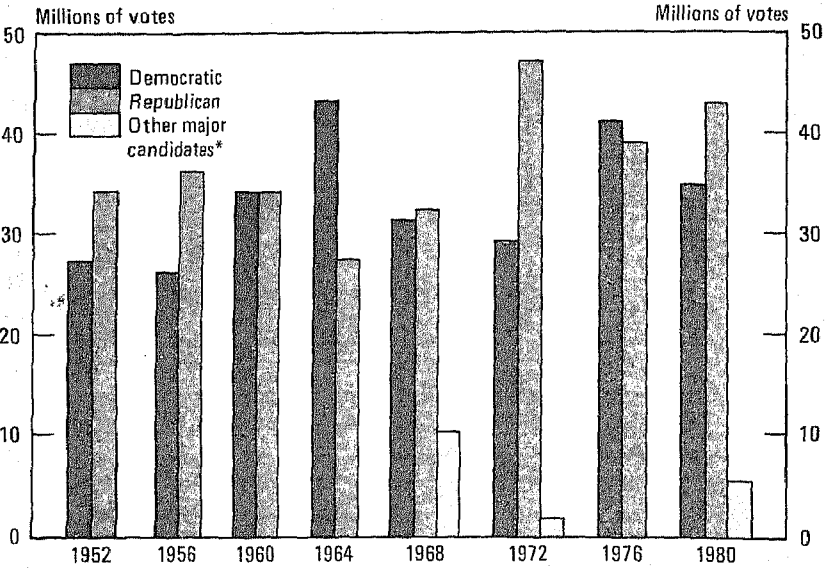
[Represents retail price, except as noted]

ITEM	Unit	1975	1976	1977	1978	1979	1980, Jan.-May
Crude oil, composite <sup>1</sup> .....	Dol. per bbl.....	10.38	10.89	11.96	12.46	17.72	26.55
Gasoline, average retail (full-service):							
Leaded regular.....	Cents per gal.....	56.2	58.7	62.6	63.9	87.1	118.4
Unleaded regular.....	Cents per gal.....	59.8	62.5	66.4	68.4	92.2	123.1
Leaded premium.....	Cents per gal.....	60.9	63.8	68.1	69.4	92.40	124.8
No. 2 heating oil, residential.....	Cents per gal.....	37.7	40.6	46.0	49.4	65.6	95.6
Diesel fuel No. 2.....	Cents per gal.....	(NA)	34.7	39.3	40.2	62.4	86.2
Natural gas.....	Cents per 1,000 cu. ft.....	154.2	184.6	226.4	262.6	323.1	368.5
Residual fuel oil.....	Dol. per bbl.....	(NA)	11.49	13.23	12.75	18.67	24.93
Electric utilities.....	Cents per kWh.....	2.92	3.09	3.42	3.69	3.97	*4.33

NA Not available. <sup>1</sup> Refiner acquisition cost. <sup>2</sup> Jan.-April.

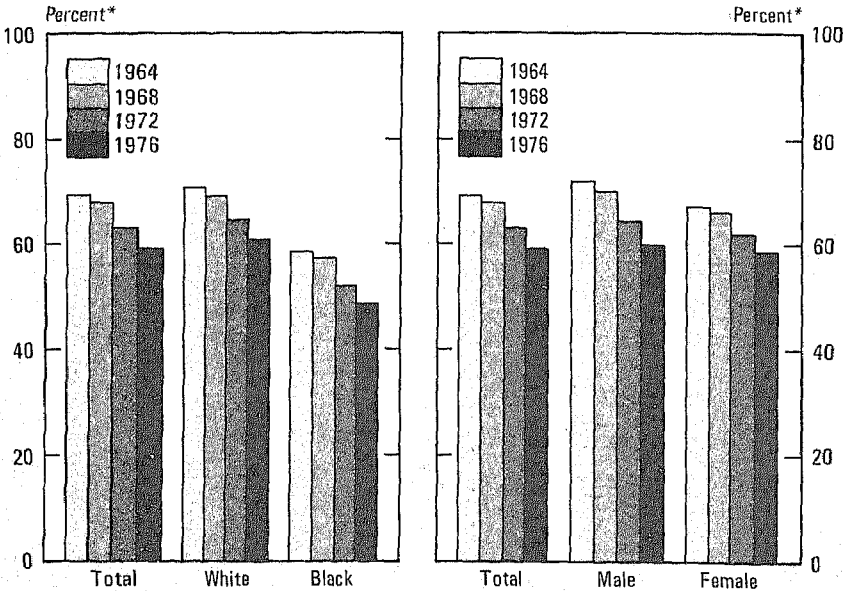
Source: U.S. Energy Information Administration, *Monthly Energy Review*.

Figure 16.1  
**Popular Vote Cast for President, by Majority 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 825.

Figure 16.2  
**Voter Participation in Presidential Elections: 1964 to 1976**



\*Percent of persons of voting age who reported that they voted.  
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 856.

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. 1).

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, age 18 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 elects one nonvoting delegate.

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 (in Nov. 1980 an estimated 4 million aliens and another half million 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. 825. 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 popu- lar vote <sup>1</sup>	Democratic			Republican		
				Popular vote		Elec- toral vote	Popular vote		Elec- toral vote
				Number	Per- cent		Number	Per- cent	
			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	35,590	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 <sup>2</sup>	Carter	Reagan	84,263	34,663	41.1	49	42,951	51.0	489

YEAR	VOTE CAST FOR PRESIDENT—Con.				YEAR	VOTE CAST FOR PRESIDENT—Con.			
	Socialist and So. Labor	Misc. independ- <sup>3</sup>	Prohi- bition	Com- munist		Socialist and So. Labor	Misc. independ- <sup>3</sup>	Prohi- bition	Com- munist
	1,000	1,000	1,000	1,000		1,000	1,000	1,000	1,000
1920	952	334	189	—	1952	50	176	73	—
1924	436	4,853	58	36	1956	46	325	42	—
1928	289	74	20	21	1960	48	410	46	—
1932	915	63	82	103	1964	45	268	23	—
1936	200	897	38	80	1968	453	10,082	15	1
1940	131	3	59	46	1972	54	1,285	14	26
1944	124	147	75	—	1976	16	1,487	16	59
1948	169	2,351	104	—	1980 <sup>2</sup>	(NA)	6,649	(NA)	(NA)

— Represents zero. NA Not available. <sup>1</sup> Includes votes for minor party candidates, independents, unpledged electors, and scattered write-in votes. <sup>2</sup> Based on unofficial returns compiled by the News Election Service. <sup>3</sup> Mainly Progressive in 1924, States Rights and Progressive in 1948, and American Independent in 1968 and 1972. <sup>4</sup> Socialist Labor only. <sup>5</sup> Includes 4,831,000 votes cast for LaFollette, candidate for the Progressive Party. <sup>6</sup> Workers Party. <sup>7</sup> Includes 9,906,000 votes cast for George Wallace, American Independent Party. <sup>8</sup> Includes 756,691 votes cast for Eugene McCarthy, Independent; 173,011 for Roger MacBride, Libertarian Party; 170,531 for Lester Maddox, American Independent Party; and 160,773 for Thomas Anderson, American Party. <sup>9</sup> Comprises 5,551,551 votes cast for John Anderson, Independent; 876,557 for Ed Clark, Libertarian Party; and 220,769 for Barry Commoner, Citizens Party.

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 1968-1976, Elections Research Center, Washington, D.C., *America at the Polls and America Votes*, biennial, respectively (copyright). 1980, Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 38, No. 45, Nov. 8, 1980 (copyright).

**NO. 826. ELECTORAL VOTE CAST FOR PRESIDENT, BY MAJOR POLITICAL PARTIES, BY STATES:  
1940 TO 1980**

[D=Democratic, R=Republican. For composition of regions, see fig. 1, inside front cover. See also *Historical Statistics, Colonial Times to 1970*, series Y 84-134]

REGION AND STATE	1940	1944	1948 <sup>1</sup>	1952	1956 <sup>2</sup>	1960 <sup>3</sup>	1964	1968 <sup>4</sup>	1972 <sup>5</sup>	1976 <sup>6</sup>	1980 <sup>7</sup>
<b>Democratic</b> .....	<b>449</b>	<b>432</b>	<b>303</b>	<b>89</b>	<b>73</b>	<b>303</b>	<b>486</b>	<b>191</b>	<b>17</b>	<b>297</b>	<b>49</b>
<b>Republican</b> .....	<b>82</b>	<b>99</b>	<b>189</b>	<b>442</b>	<b>457</b>	<b>219</b>	<b>52</b>	<b>301</b>	<b>520</b>	<b>240</b>	<b>489</b>
<b>No. East: Dem</b> .....	<b>132</b>	<b>130</b>	<b>20</b>	<b>-</b>	<b>-</b>	<b>121</b>	<b>126</b>	<b>102</b>	<b>14</b>	<b>86</b>	<b>4</b>
Rep.....	<b>8</b>	<b>8</b>	<b>118</b>	<b>133</b>	<b>133</b>	<b>12</b>	<b>-</b>	<b>24</b>	<b>108</b>	<b>36</b>	<b>118</b>
<b>No. Cent.: Dem</b> .....	<b>93</b>	<b>73</b>	<b>101</b>	<b>-</b>	<b>13</b>	<b>71</b>	<b>149</b>	<b>31</b>	<b>-</b>	<b>58</b>	<b>10</b>
Rep.....	<b>68</b>	<b>82</b>	<b>54</b>	<b>153</b>	<b>140</b>	<b>82</b>	<b>-</b>	<b>118</b>	<b>145</b>	<b>87</b>	<b>135</b>
<b>South: Dem</b> .....	<b>165</b>	<b>167</b>	<b>117</b>	<b>89</b>	<b>60</b>	<b>101</b>	<b>121</b>	<b>45</b>	<b>3</b>	<b>149</b>	<b>31</b>
Rep.....	<b>-</b>	<b>-</b>	<b>11</b>	<b>77</b>	<b>105</b>	<b>50</b>	<b>47</b>	<b>77</b>	<b>165</b>	<b>20</b>	<b>138</b>
<b>West: Dem</b> .....	<b>59</b>	<b>62</b>	<b>65</b>	<b>-</b>	<b>10</b>	<b>90</b>	<b>13</b>	<b>-</b>	<b>4</b>	<b>4</b>	<b>4</b>
Rep.....	<b>6</b>	<b>9</b>	<b>6</b>	<b>79</b>	<b>79</b>	<b>75</b>	<b>5</b>	<b>82</b>	<b>102</b>	<b>97</b>	<b>98</b>
Alabama.....	D-11	D-11	( <sup>1</sup> )	D-11	<sup>2</sup> D-10	<sup>3</sup> D-5	R-10	( <sup>4</sup> )	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	( <sup>4</sup> )	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	( <sup>4</sup> )	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	( <sup>1</sup> )	D-10	R-10	D-10	R-10	( <sup>4</sup> )	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-8	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	( <sup>1</sup> )	D-8	D-8	( <sup>3</sup> )	R-7	( <sup>4</sup> )	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	<sup>4</sup> 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	<sup>2</sup> 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	( <sup>1</sup> )	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	<sup>1</sup> D-11	R-11	R-11	D-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	<sup>5</sup> R-11	R-12	R-12
Washington.....	D-8	D-8	D-8	R-9	R-9	R-9	D-9	D-9	<sup>6</sup> R-9	R-9	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. <sup>1</sup> Excludes 39 electoral votes cast for States' Rights Democratic candidates as follows: Alabama 11; Louisiana 10; Mississippi 9; South Carolina 8; and Tennessee 1. <sup>2</sup> Excludes 1 electoral vote cast for Walter B. Jones. <sup>3</sup> Excludes 15 electoral votes cast for Harry F. Byrd as follows: Alabama 6; Mississippi 8; and Oklahoma 1. <sup>4</sup> Excludes 46 electoral votes cast for George C. Wallace as follows: Alabama 10; Arkansas 6; Georgia 12; Louisiana 10; Mississippi 7; North Carolina 1. <sup>5</sup> Excludes 1 electoral vote cast for John Hospers. <sup>6</sup> Excludes 1 electoral vote cast for Ronald Reagan. <sup>7</sup> Based on unofficial returns compiled by the News Election Service.

Source: 1940-1972, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election*; 1976, Elections Research Center, Washington, D.C., *America Votes*, vol. 12 (copyright); 1980, Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 38, No. 45, Nov. 8, 1980 (copyright).

**NO. 827. POPULAR VOTE CAST FOR PRESIDENT, AND PERCENT OF VOTE FOR LEADING PARTY, BY  
REGIONS AND STATES: 1952 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. For composition of regions, see fig. 1, inside front cover. See also tables 825 and 828, and Historical Statistics, Colonial Times to 1970, series Y 135-186]*

REGION AND STATE	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 <sup>1</sup>	Democ- ratic Party	Re- pub- lican Party	Percent for leading party
<b>Total.....</b>	<b>61,551</b>	<b>R-55.1</b>	<b>62,027</b>	<b>R-57.4</b>	<b>68,838</b>	<b>D-49.7</b>	<b>70,645</b>	<b>D-61.1</b>	<b>73,212</b>	<b>31,275</b>	<b>31,785</b>	<b>R-43.4</b>
Northeast.....	18,801	R-55.1	18,782	R-60.7	20,053	D-52.7	19,623	D-68.3	19,240	9,658	8,279	D-50.2
North Central.....	21,153	R-57.6	21,114	R-58.6	22,979	R-52.2	22,209	D-61.3	22,206	9,701	10,392	R-46.8
South.....	12,445	D-50.5	12,478	R-51.1	14,389	D-49.9	16,597	D-53.3	19,177	6,419	6,988	R-36.4
West.....	9,151	R-57.3	9,654	R-56.4	11,417	R-51.1	12,214	D-59.4	12,590	5,498	6,126	R-46.7
Alabama.....	426	D-64.6	497	D-56.5	570	D-56.8	690	R-69.5	1,050	2 197	147	R-45.3
Alaska.....	(x)	(x)	(x)	(x)	61	R-50.9	67	D-65.9	83	35	38	R-45.3
Arizona.....	261	R-58.3	290	R-61.0	398	R-55.5	481	R-50.4	487	171	267	R-54.8
Arkansas.....	405	D-55.9	407	D-52.5	429	D-50.2	560	D-56.1	620	188	191	R-45.1
California.....	5,142	R-56.3	5,466	R-55.4	6,507	R-50.1	7,058	D-59.1	7,252	3,244	3,468	R-47.8
Colorado.....	630	R-60.3	657	R-60.0	736	R-54.6	777	D-61.3	811	335	409	R-50.5
Connecticut.....	1,097	R-55.7	1,117	R-63.7	1,223	D-53.7	1,219	D-67.8	1,256	622	557	D-49.5
Delaware.....	174	R-51.8	178	R-55.1	197	D-50.6	201	D-50.9	214	89	97	R-45.1
Dist. of Columbia.....	(x)	(x)	(x)	(x)	(x)	(x)	199	D-85.5	171	140	31	D-81.8
Florida.....	989	R-55.0	1,126	R-57.2	1,544	R-51.5	1,854	D-51.1	2,188	677	887	R-40.5
Georgia.....	656	D-69.7	670	D-66.4	733	D-62.5	1,139	R-54.1	1,250	334	380	R-45.1
Hawaii.....	(x)	(x)	(x)	(x)	185	(*)	207	D-78.8	236	141	91	D-59.8
Idaho.....	276	R-65.4	273	R-61.2	300	R-53.8	292	D-50.9	291	89	165	R-56.8
Illinois.....	4,481	R-54.8	4,407	R-59.5	4,757	D-50.0	4,703	D-59.5	4,620	2,040	2,175	R-47.1
Indiana.....	1,955	R-58.1	1,975	R-59.9	2,135	R-55.0	2,092	D-56.0	2,124	807	1,068	R-50.3
Iowa.....	1,269	R-63.8	1,235	R-59.1	1,274	R-56.7	1,185	D-61.9	1,168	477	619	R-53.0
Kansas.....	896	R-68.8	866	R-65.4	929	R-60.4	858	D-54.1	873	303	479	R-54.8
Kentucky.....	993	D-49.9	1,054	R-54.3	1,124	R-53.6	1,046	D-64.0	1,056	398	462	R-43.8
Louisiana.....	652	D-52.9	618	R-53.3	808	D-60.4	896	R-56.8	1,097	310	258	R-45.1
Maine.....	352	R-66.0	352	R-70.9	422	R-57.0	381	D-68.8	393	217	169	D-55.3
Maryland.....	902	R-55.4	933	R-60.0	1,055	D-53.6	1,116	D-65.5	1,235	538	518	D-43.6
Massachusetts.....	2,383	R-54.2	2,349	R-59.3	2,469	D-60.2	2,345	D-76.2	2,332	1,469	767	D-63.0
Michigan.....	2,799	R-55.4	3,080	R-55.6	3,318	D-50.9	3,203	D-66.7	3,306	1,593	1,371	D-48.2
Minnesota.....	1,379	R-55.3	1,340	R-53.7	1,542	D-50.6	1,554	D-63.8	1,589	858	659	D-54.0
Mississippi.....	286	D-80.4	248	D-58.2	298	(*)	409	R-87.1	655	151	89	R-45.1
Missouri.....	1,892	R-50.7	1,833	D-50.1	1,934	D-50.3	1,818	D-64.0	1,810	791	812	R-44.9
Montana.....	265	R-59.4	271	R-57.1	278	R-51.1	279	D-58.9	274	114	139	R-50.6
Nebraska.....	610	R-69.2	577	R-65.5	613	R-62.1	584	D-52.6	537	171	321	R-59.8
Nevada.....	82	R-61.4	97	R-58.0	107	D-51.2	135	D-58.6	154	61	73	R-47.5
New Hampshire.....	273	R-60.9	267	R-66.1	296	R-53.4	288	D-63.9	297	131	155	R-52.1
New Jersey.....	2,419	R-56.8	2,484	R-64.7	2,773	D-50.0	2,848	D-65.6	2,875	1,264	1,325	R-46.1
New Mexico.....	239	R-55.4	254	R-57.8	311	D-50.2	329	D-59.0	327	130	170	R-51.8
New York.....	7,128	R-55.5	7,096	R-61.2	7,291	D-52.5	7,166	D-68.6	6,792	3,378	3,008	D-49.7
North Carolina.....	1,211	D-53.9	1,166	D-50.7	1,369	D-52.1	1,425	D-56.2	1,587	464	627	R-39.5
North Dakota.....	270	R-71.0	254	R-61.7	278	R-55.4	258	D-58.0	248	95	139	R-55.9
Ohio.....	3,701	R-56.8	3,702	R-61.1	4,162	R-53.3	3,969	D-62.9	3,960	1,701	1,791	R-45.2
Oklahoma.....	949	R-54.6	859	R-55.1	903	R-59.0	932	D-55.7	943	302	450	R-47.7
Oregon.....	695	R-60.5	736	R-55.2	776	R-52.6	786	D-63.7	820	359	408	R-49.8
Pennsylvania.....	4,581	R-52.7	4,577	R-56.5	5,007	D-51.1	4,823	D-64.9	4,748	2,259	2,090	D-47.6
Rhode Island.....	414	R-50.9	388	R-58.3	406	D-63.6	390	D-80.9	385	247	122	D-64.0
South Carolina.....	341	D-50.7	301	D-45.4	387	D-51.2	525	R-58.9	667	197	254	R-38.1
South Dakota.....	294	R-69.3	294	R-58.4	306	R-58.2	293	D-55.6	281	118	150	R-53.3
Tennessee.....	893	R-50.0	939	R-49.2	1,052	R-52.9	1,144	D-55.5	1,249	351	473	R-37.8
Texas.....	2,076	R-53.1	1,955	R-55.3	2,311	D-50.5	2,627	D-63.3	3,079	1,267	1,228	D-41.1
Utah.....	330	R-58.9	334	R-64.6	375	R-54.8	401	D-54.7	423	157	239	R-56.5
Vermont.....	154	R-71.5	153	R-72.2	167	R-58.6	163	D-66.3	161	70	85	R-52.8
Virginia.....	620	R-56.3	698	R-55.4	771	R-52.4	1,042	D-53.5	1,361	442	590	R-43.4
Washington.....	1,103	R-54.3	1,151	R-53.9	1,242	R-50.7	1,259	D-62.0	1,304	616	589	D-47.2
West Virginia.....	874	D-51.9	831	R-54.1	838	D-52.7	792	D-67.9	754	374	308	D-49.6
Wisconsin.....	1,607	R-61.0	1,551	R-61.6	1,729	R-51.8	1,692	D-62.1	1,692	749	810	R-47.9
Wyoming.....	129	R-62.7	124	R-60.1	141	R-55.0	143	D-56.6	127	45	71	R-55.8

X Not applicable.

<sup>1</sup> Includes other parties.

<sup>2</sup> Excludes vote cast for George C. Wallace as a Democratic Party candidate.

<sup>3</sup> 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. <sup>4</sup> Percentages of 50.0 for both parties based on following vote: Democratic, 92,410; Republican, 92,295. <sup>5</sup> Vote represented a victory for unpledged Democratic electors: 39.0 percent.

Source: 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. 828. POPULAR VOTE CAST FOR PRESIDENT, BY POLITICAL PARTIES, BY STATES AND  
STATES: 1972 TO 1980**

[In thousands, except percent. D=Democratic, R=Republican. See headnote, table 827. See also *Historical Statistics, Colonial Times to 1970*, series Y 135-186]

REGION AND STATE	1972				1976				1980 <sup>a</sup>			
	Total <sup>1</sup>	Democratic Party	Republican Party	Percent for leading party	Total <sup>1</sup>	Democratic Party	Republican Party	Percent for leading party	Total <sup>2</sup>	Democratic Party	Republican Party	Percent for leading party
<b>Total .....</b>	<b>77,719</b>	<b>29,170</b>	<b>47,170</b>	<b>R-60.7</b>	<b>81,556</b>	<b>40,831</b>	<b>39,148</b>	<b>D-50.1</b>	<b>83,166</b>	<b>34,663</b>	<b>42,951</b>	<b>R-51.6</b>
Northeast.....	19,952	8,278	11,483	R-57.6	19,520	9,929	9,272	D-50.9	18,528	7,862	8,974	R-48.4
No. Central.....	23,190	9,127	13,711	R-58.1	24,155	11,671	11,995	R-49.7	24,243	10,026	12,579	R-51.9
South.....	20,048	6,087	13,666	R-58.2	23,198	12,520	10,394	D-54.0	24,966	11,303	12,834	R-51.4
West.....	14,529	5,679	8,309	R-57.2	14,682	6,711	7,488	R-51.0	15,429	5,472	8,565	R-55.5
Ala.....	1,006	257	729	R-72.4	1,183	659	504	D-55.7	1,283	627	641	R-49.9
Alaska.....	95	33	55	R-58.1	124	44	72	R-57.9	106	31	67	R-62.9
Ariz.....	623	199	403	R-64.7	743	296	419	R-56.4	842	243	523	R-62.1
Ark.....	651	200	449	R-68.9	768	499	268	D-65.0	822	398	403	R-49.0
Calif.....	8,368	3,476	4,602	R-55.0	7,867	3,742	3,882	R-49.3	8,216	3,041	4,447	R-54.1
Colo.....	954	330	587	R-62.6	1,082	460	584	R-54.0	1,150	369	651	R-56.6
Conn.....	1,384	555	811	R-58.6	1,382	648	719	R-52.1	1,378	537	673	R-48.8
Del.....	236	92	140	R-59.6	236	123	110	D-52.0	235	107	112	R-47.6
D.C.....	163	128	35	D-78.1	169	138	28	D-81.6	161	124	22	D-77.2
Fla.....	2,583	718	1,858	R-71.9	3,151	1,636	1,470	D-51.9	3,482	1,366	1,937	R-55.6
Ga.....	1,175	290	881	R-75.0	1,467	979	484	D-66.7	1,536	870	631	D-56.7
Hawaii.....	270	101	169	R-62.5	291	147	140	D-50.6	298	136	130	D-45.6
Idaho.....	310	81	199	R-64.2	344	127	204	R-59.3	427	109	290	R-68.0
Ill.....	4,723	1,913	2,788	R-59.0	4,719	2,271	2,364	R-50.1	4,637	1,950	2,342	R-50.5
Ind.....	2,126	709	1,405	R-66.1	2,220	1,015	1,184	R-53.3	2,174	836	1,231	R-56.6
Iowa.....	1,226	496	706	R-57.6	1,279	620	633	R-49.5	1,300	509	677	R-52.0
Kans.....	916	270	620	R-67.7	958	430	503	R-52.5	955	325	563	R-58.9
Ky.....	1,067	371	676	R-63.4	1,167	616	532	D-52.8	1,265	610	626	R-48.5
La.....	1,051	298	687	R-65.3	1,278	661	587	D-51.7	1,530	708	796	R-52.0
Maine.....	417	161	256	R-61.5	483	232	236	R-48.9	512	220	298	R-46.5
Mo.....	1,354	506	829	R-61.3	1,440	760	673	D-52.8	1,476	726	656	D-47.9
Mass.....	2,459	1,333	1,112	D-54.2	2,548	1,429	1,030	D-56.1	2,485	1,048	1,054	R-42.4
Mich.....	3,490	1,459	1,962	R-56.2	3,654	1,697	1,894	R-51.8	3,587	1,519	1,809	R-50.4
Minn.....	1,742	802	898	R-51.6	1,950	1,070	819	D-49.4	1,888	898	824	D-47.6
Miss.....	646	127	505	R-78.2	769	381	367	D-49.6	881	429	440	R-49.9
Mo.....	1,856	697	1,154	R-62.2	1,954	998	927	D-51.1	2,050	918	1,055	R-51.5
Mont.....	318	120	184	R-57.9	329	149	174	R-52.8	329	110	191	R-58.2
Nebr.....	576	170	406	R-70.5	608	234	360	R-59.2	622	164	413	R-66.5
Nev.....	182	66	116	R-63.7	202	92	101	R-50.2	239	66	155	R-64.8
N.H.....	334	116	214	R-64.0	340	148	186	R-54.7	380	109	222	R-58.3
N.J.....	2,997	1,102	1,846	R-61.6	3,014	1,445	1,510	R-50.1	2,850	1,120	1,506	R-52.9
N. Mex.....	386	141	236	R-61.0	418	201	211	R-50.5	438	165	245	R-55.9
N.Y.....	7,166	2,951	4,193	R-58.5	6,534	3,390	3,101	D-51.9	5,860	2,628	2,790	R-47.6
N.C.....	1,519	439	1,055	R-69.5	1,679	927	742	D-55.2	1,842	876	914	R-49.6
N. Dak.....	281	100	174	R-62.1	297	136	153	R-51.6	267	72	174	R-65.1
Ohio.....	4,095	1,559	2,442	R-59.6	4,112	2,012	2,001	D-48.9	4,202	1,744	2,202	R-52.4
Okl.....	1,030	247	759	R-73.7	1,092	532	546	R-50.0	1,121	399	684	R-61.0
Oreg.....	928	393	487	R-52.4	1,030	490	492	R-47.8	1,111	445	566	R-50.1
Pa.....	4,592	1,797	2,715	R-59.1	4,621	2,329	2,206	D-50.4	4,469	1,932	2,251	R-50.4
R.I.....	416	195	220	R-53.0	411	228	181	D-55.4	387	185	146	D-47.9
S.C.....	674	187	477	R-70.8	803	451	346	D-56.2	882	422	445	R-50.5
S. Dak.....	307	140	166	R-54.2	301	147	152	R-50.4	323	104	198	R-61.3
Tenn.....	1,201	357	813	R-67.7	1,476	826	634	D-55.9	1,605	781	787	R-49.1
Tex.....	3,471	1,154	2,299	R-66.2	4,072	2,082	1,953	D-51.1	4,316	1,779	2,433	R-56.4
Utah.....	478	126	324	R-67.6	541	182	338	R-62.4	589	123	436	R-73.9
Vt.....	187	68	117	R-62.7	188	81	102	R-54.4	207	81	93	R-45.2
Va.....	1,457	439	988	R-67.8	1,697	814	837	R-49.3	1,818	746	980	R-53.9
Wash.....	1,471	588	837	R-58.9	1,556	717	778	R-50.0	1,512	583	764	R-50.5
W. Va.....	762	277	485	R-63.6	751	436	315	D-58.0	711	354	327	D-49.7
Wis.....	1,853	810	989	R-53.4	2,104	1,005	1,049	D-49.4	2,238	988	1,090	R-48.7
Wyo.....	146	44	100	R-69.0	156	62	93	R-59.3	172	49	110	R-64.2

<sup>1</sup>Includes other parties. <sup>2</sup>Based on unofficial returns compiled by the News Election Service. <sup>3</sup>Comprises votes for Democratic and Republican candidates and John Anderson.

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.); 1976, Elections Research Center, Washington, D.C., *America Votes*, vol. 12 (copyright); 1980, Congressional Quarterly Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 38, No. 45, Nov. 8, 1980 (copyright).

### NO. 829. POPULAR VOTE CAST FOR PRESIDENT, BY GEOGRAPHIC DIVISIONS AND PERCENT VOTE BY POLITICAL PARTY: 1964 TO 1980

[For composition of divisions, see fig. 1, 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
<b>1964, total</b>	<b>1,000</b>	<b>70,645</b>	<b>4,786</b>	<b>14,837</b>	<b>15,659</b>	<b>6,550</b>	<b>8,294</b>	<b>3,289</b>	<b>5,016</b>	<b>2,837</b>	<b>9,377</b>
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	(2)	6.5	.2	.3	.2
<b>1968, total</b>	<b>1,000</b>	<b>73,212</b>	<b>4,825</b>	<b>14,415</b>	<b>15,701</b>	<b>6,505</b>	<b>9,428</b>	<b>4,009</b>	<b>5,740</b>	<b>2,895</b>	<b>9,695</b>
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
<b>1972, total</b>	<b>1,000</b>	<b>77,719</b>	<b>5,197</b>	<b>14,755</b>	<b>16,286</b>	<b>6,904</b>	<b>9,923</b>	<b>3,921</b>	<b>6,204</b>	<b>3,397</b>	<b>11,132</b>
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	2.2	2.2	1.8	3.8	3.7
<b>1976, total</b>	<b>1,000</b>	<b>81,556</b>	<b>5,351</b>	<b>14,169</b>	<b>16,809</b>	<b>7,346</b>	<b>11,392</b>	<b>4,596</b>	<b>7,210</b>	<b>3,815</b>	<b>10,867</b>
Democratic	Percent	50.1	51.7	50.6	47.8	48.5	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
<b>1980, total <sup>1</sup></b>	<b>1,000</b>	<b>83,166</b>	<b>5,349</b>	<b>13,179</b>	<b>16,838</b>	<b>7,405</b>	<b>12,143</b>	<b>5,034</b>	<b>7,789</b>	<b>4,186</b>	<b>11,243</b>
Democratic	Percent	41.7	40.8	43.1	41.8	40.4	45.9	48.6	42.2	29.5	37.7
Republican	Percent	51.6	45.4	49.7	51.5	52.7	49.6	49.5	55.4	62.1	53.0
Other <sup>2</sup>	Percent	6.7	13.9	7.2	6.7	6.9	4.5	1.9	2.4	8.3	9.3

<sup>2</sup> Less than .05 percent. <sup>1</sup> See footnote 2, table 828. <sup>2</sup> See footnote 3, table 828. <sup>3</sup> Vote for John Anderson only.

Source: 1964-1976, Elections Research Center, Washington, D.C. *America Votes*, biennial (copyright); 1980, Congressional Quarterly Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 38, No. 45, Nov. 8, 1980 (copyright).

### NO. 830. PERCENT OF TOTAL AND VOTING-AGE POPULATION AND OF POPULAR AND ELECTORAL VOTE FOR PRESIDENT, BY REGIONS AND STATES: 1980

REGION <sup>1</sup> AND STATE	Total population <sup>2</sup>	Voting-age population <sup>3</sup>	Popular vote for President <sup>4</sup>	Electoral vote for President	STATE	Total population <sup>2</sup>	Voting-age population <sup>3</sup>	Popular vote for President <sup>4</sup>	Electoral vote for President
<b>U.S.</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	Minnesota	1.8	1.8	2.3	1.9
Northeast	22.0	22.5	22.3	22.7	Mississippi	1.1	1.0	1.1	1.3
North Central	26.3	26.2	29.2	27.0	Missouri	2.2	2.2	2.5	2.2
South	32.7	32.4	30.0	31.4	Montana	.4	.3	.4	.7
West	19.0	19.0	18.6	19.0	Nebraska	.7	.7	.7	.9
Alabama	1.7	1.7	1.5	1.7	Nevada	.3	.3	.3	.6
Alaska	.2	.2	.1	.6	New Hampshire	.4	.4	.5	.7
Arizona	1.1	1.1	1.0	1.1	New Jersey	3.3	3.4	3.4	3.2
Arkansas	1.0	1.0	1.0	1.1	New Mexico	.6	.5	.5	.7
California	10.4	10.6	9.9	8.4	New York	7.9	8.0	7.0	7.6
Colorado	1.3	1.3	1.4	1.3	North Carolina	2.5	2.5	2.2	2.4
Connecticut	1.4	1.4	1.7	1.5	North Dakota	.3	.3	.3	.6
Delaware	.3	.3	.3	.6	Ohio	4.8	4.8	5.1	4.6
District of Columbia	.3	.3	.2	.6	Oklahoma	1.3	1.3	1.3	1.5
Florida	4.1	4.3	4.2	3.2	Oregon	1.2	1.2	1.3	1.1
Georgia	2.3	2.3	1.8	2.2	Pennsylvania	5.3	5.4	5.4	5.0
Hawaii	.4	.4	.4	.7	Rhode Island	.4	.4	.5	.7
Idaho	.4	.4	.5	.7	South Carolina	1.3	1.3	1.1	1.5
Illinois	5.0	5.0	5.6	4.8	South Dakota	.3	.3	.4	.7
Indiana	2.4	2.4	2.6	2.4	Tennessee	2.0	2.0	1.9	1.9
Iowa	1.3	1.3	1.6	1.5	Texas	6.2	6.0	5.1	4.8
Kansas	1.1	1.1	1.1	1.3	Utah	.6	.6	.7	.7
Kentucky	1.6	1.6	1.5	1.7	Vermont	.2	.2	.2	.6
Louisiana	1.8	1.7	1.8	1.9	Virginia	2.3	2.4	2.2	2.2
Maine	.5	.5	.6	.7	Washington	1.8	1.8	1.6	1.7
Maryland	1.9	1.9	1.8	1.9	West Virginia	.9	.8	.9	1.1
Massachusetts	2.6	2.7	3.0	2.6	Wisconsin	2.1	2.1	2.7	2.0
Michigan	4.2	4.1	4.3	3.9	Wyoming	.2	.2	.2	.6

<sup>1</sup> For composition of regions, see fig. 1, inside front cover. <sup>2</sup> Estimated. As of Nov. Includes Armed Forces stationed in area. <sup>3</sup> Estimated. As of Nov. Resident population 18 years old and over. <sup>4</sup> See footnote 3, table 828.

Source: Compiled from U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 879 and Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 38, No. 45, Nov. 8, 1980 (copyright).



## NO. 831. 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.)	Per cent	Vote cast (mil.)	Per cent	Vote cast (mil.)	Per cent	Party <sup>1</sup>	Vote (mil.)	Per cent
1960: President.....	68.8	34.2	49.7	34.1	49.5	.5	.7	Dem.....	.1	.2
U.S. House of Rep. (381 dist. <sup>2</sup> ) .....	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. <sup>2</sup> ) .....	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. <sup>2</sup> ) .....	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. <sup>2</sup> ) .....	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. <sup>2</sup> ) .....	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: <sup>3</sup> President.....	83.2	34.7	41.7	43.0	51.6	<sup>4</sup> 5.6	<sup>4</sup> 6.7	Rep.....	8.3	10.0
U.S. House of Rep. (401 dist. <sup>2</sup> ) .....	72.8	36.0	49.5	35.7	49.0	1.1	1.5	Dem.....	.4	.5
U.S. Senate (33 States).....	56.8	29.3	51.6	26.4	46.5	1.0	1.8	Dem.....	2.9	5.1
State Governor (13 States).....	11.5	5.7	50.0	5.7	49.8	(z)	.2	Dem.....	(z)	.2

Z Less than 50,000. <sup>1</sup> See headnote, table 832. <sup>2</sup> Number of districts in which votes were tabulated. <sup>3</sup> Based on unofficial returns. <sup>4</sup> Includes votes for John Anderson only.

Source: Compiled by U.S. Bureau of the Census from Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright); U.S. Congress, Joint Committee on Printing, *Congressional Directory*, annual; and Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 38, No. 45, Nov. 8, 1980 (copyright).

## NO. 832. 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. 1, inside front cover]

YEAR AND REGION	PERCENT VOTE CAST FOR—						PARTY COMPOSITION (seats held) <sup>1</sup>			
	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. <sup>2</sup> .....	41.7	51.6	49.5	49.0	51.6	46.5	242	192	46	53
Northeast.....	42.4	48.4	49.4	48.9	47.1	47.5	58	45	9	9
North Central.....	41.4	51.9	47.8	51.9	54.2	45.5	58	63	10	14
South.....	45.3	51.4	53.7	45.0	50.6	49.0	87	47	18	13
West.....	35.5	55.5	47.3	49.4	53.3	44.7	39	37	9	17

<sup>1</sup> For beginning of the first session of Congress following the year shown. Excludes vacant seats. <sup>2</sup> Based on unofficial returns.

Source: Compiled by U.S. Bureau of the Census from Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright); U.S. Congress, Joint Committee on Printing, *Congressional Directory*, annual; and Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 38, No. 45, Nov. 8, 1980 (copyright).

**NO. 833. VOTE CAST FOR UNITED STATES SENATORS, BY MAJOR POLITICAL PARTIES, BY STATES: 1976 TO 1980**

[In thousands, except percent. Excludes elections to fill vacancies for unexpired term. 1980 data are unofficial]

STATE	1976				1978				1980			
	Total <sup>1</sup>	Democrat	Republican	Percent for leading party	Total <sup>1</sup>	Democrat	Republican	Percent for leading party	Total <sup>1</sup>	Democrat	Republican	Percent for leading party
Alabama.....	(x)	(x)	(x)	(x)	582	547	-	94.0	1,255	604	639	50.9
Alaska.....	(x)	(x)	(x)	(x)	123	30	93	75.6	120	54	66	55.1
Arizona.....	741	400	321	54.0	(x)	(x)	(x)	(x)	856	418	426	49.8
Arkansas.....	(x)	(x)	(x)	(x)	522	400	85	76.6	796	473	323	59.4
California.....	7,472	3,503	3,749	50.2	(x)	(x)	(x)	(x)	7,876	4,638	3,038	58.9
Colorado.....	(x)	(x)	(x)	(x)	819	330	481	58.7	1,151	586	565	50.9
Connecticut.....	1,362	561	786	57.7	(x)	(x)	(x)	(x)	1,346	765	576	56.8
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)	3,377	1,644	1,733	51.3
Georgia.....	(x)	(x)	(x)	(x)	645	536	109	83.1	1,556	767	789	50.7
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	4,448	2,494	1,925	56.1
Indiana.....	2,171	879	1,276	58.8	(x)	(x)	(x)	(x)	2,165	1,000	1,165	53.8
Iowa.....	(x)	(x)	(x)	(x)	825	395	422	51.1	1,270	581	685	53.9
Kansas.....	(x)	(x)	(x)	(x)	749	318	403	53.9	933	338	595	63.8
Kentucky.....	(x)	(x)	(x)	(x)	477	291	176	61.0	1,102	720	382	65.3
Louisiana.....	(x)	(x)	(x)	(x)	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
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)	1,236	424	812	65.7
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	2,947	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)	2,024	1,057	967	52.2
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	374	179	195	52.2
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)	5,796	2,539	2,627	45.3
North Carolina.....	(x)	(x)	(x)	(x)	1,136	517	619	54.5	1,783	884	891	50.0
North Dakota.....	283	176	103	62.1	(x)	(x)	(x)	(x)	267	78	189	70.9
Ohio.....	3,921	1,941	1,824	49.5	(x)	(x)	(x)	(x)	3,861	2,731	1,129	70.8
Oklahoma.....	(x)	(x)	(x)	(x)	754	494	248	65.5	1,088	472	573	52.7
Oregon.....	(x)	(x)	(x)	(x)	893	342	550	61.6	1,113	492	578	51.9
Pennsylvania.....	4,546	2,127	2,382	52.4	(x)	(x)	(x)	(x)	4,361	2,104	2,239	51.3
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	828	595	233	71.9
South Dakota.....	(x)	(x)	(x)	(x)	256	85	171	66.8	328	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)	584	150	434	74.2
Vermont.....	189	86	94	50.0	(x)	(x)	(x)	(x)	204	103	101	50.6
Virginia.....	1,558	596	<sup>3</sup> 891	<sup>3</sup> 57.2	1,222	609	613	50.2	(x)	(x)	(x)	(x)
Washington.....	1,491	1,071	362	71.8	(x)	(x)	(x)	(x)	1,535	702	833	54.3
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)	2,173	1,062	1,102	50.7
Wyoming.....	155	71	85	54.6	133	50	83	62.2	(x)	(x)	(x)	(x)

- Represents zero.

X Not applicable.

<sup>1</sup> Includes vote cast for minor parties.

<sup>2</sup> Unopposed Democrat; no vote

tallied since name not printed on ballot.

<sup>3</sup> Represents vote cast for independent candidate.

Source: 1976 and 1978, Elections Research Center, Washington, D.C., *America Votes*, vol. 13 (copyright); 1980, Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 38, No. 45, Nov. 8, 1980 (copyright).

# **No. 834. APPORTIONMENT OF MEMBERSHIP IN HOUSE OF REPRESENTATIVES, BY STATES, 1800 TO 1970, AND ILLUSTRATIVE REAPPORTIONMENT BASED ON 1979 POPULATION ESTIMATES**

[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—																		
	1800 <sup>1</sup>	1810	1820	1830	1840	1850	1860	1870	1880	1890	1900	1910	1930	1940	1950	1960	1970	1979 <sup>2</sup>	
Total .....	142	186	213	242	232	237	243	293	332	357	391	435	435	435	437	435	435	435	
Ala.....	(x)	<sup>3</sup> 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)	<sup>3</sup> 1	1	1	1	
Ariz.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	<sup>4</sup> 1	1	2	2	3	4	5	
Ark.....	(x)	(x)	(x)	<sup>3</sup> 1	1	2	3	4	5	6	7	7	7	7	6	4	4	4	
Calif.....	(x)	(x)	(x)	(x)	<sup>3</sup> 2	2	3	4	6	7	8	11	20	23	30	38	43	45	
Colo.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	<sup>3</sup> 1	1	2	3	4	4	4	4	4	5	6	
Conn.....	7	7	6	6	4	4	4	4	4	5	5	6	6	6	6	6	6	6	
Del.....	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Fla.....	(x)	(x)	(x)	(x)	<sup>3</sup> 1	1	1	2	2	2	3	4	5	6	8	12	15	18	
Ga.....	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)	<sup>3</sup> 1	2	2	2	
Idaho.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	<sup>3</sup> 1	1	1	2	2	2	2	2	2	2	
Ill.....	(x)	<sup>3</sup> 1	1	3	7	9	14	19	20	22	25	27	27	26	25	24	24	22	
Ind.....	<sup>3</sup> 1	3	7	10	11	11	11	13	13	13	13	13	12	11	11	11	11	11	
Iowa.....	(x)	(x)	(x)	(x)	<sup>3</sup> 2	2	6	9	11	11	11	11	9	8	8	7	6	6	
Kans.....	(x)	(x)	(x)	(x)	(x)	(x)	1	3	7	8	8	8	7	6	6	5	5	5	
Ky.....	6	10	12	13	10	10	9	10	11	11	11	11	9	9	8	7	7	7	
La.....	(x)	<sup>3</sup> 1	3	3	4	4	5	6	6	6	7	8	8	8	8	8	8	8	
Maine.....	(x)	(x)	7	8	7	6	5	5	4	4	4	4	3	3	3	2	2	2	
Md.....	9	9	9	8	6	6	5	6	6	6	6	6	6	6	7	8	8	8	
Mass.....	17	20	13	12	10	11	10	11	12	13	14	16	15	14	14	12	12	11	
Mich.....	(x)	(x)	(x)	<sup>3</sup> 1	3	4	6	9	11	12	13	17	17	17	18	19	19	18	
Minn.....	(x)	(x)	(x)	(x)	(x)	<sup>3</sup> 2	2	3	5	7	9	10	9	9	9	8	8	8	
Miss.....	(x)	<sup>3</sup> 1	1	2	4	5	5	6	7	7	8	8	7	7	6	5	5	5	
Mo.....	(x)	(x)	1	2	5	7	9	13	14	15	16	16	13	13	11	10	10	10	
Mont.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	<sup>3</sup> 1	1	1	2	2	2	2	2	2	2	
Nebr.....	(x)	(x)	(x)	(x)	(x)	(x)	<sup>3</sup> 1	1	3	6	6	6	5	4	4	3	3	3	
Nev.....	(x)	(x)	(x)	(x)	(x)	(x)	<sup>3</sup> 1	1	1	1	1	1	1	1	1	1	1	1	
N.H.....	5	6	6	5	4	3	3	3	2	2	2	2	2	2	2	2	2	2	
N.J.....	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)	<sup>3</sup> 1	1	2	2	2	2	3	
N.Y.....	17	27	34	40	34	33	31	33	34	34	37	43	45	45	43	41	39	35	
N.C.....	12	13	13	13	9	8	7	8	9	9	10	10	12	12	11	11	11	11	
N. Dak.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	<sup>3</sup> 1	1	2	3	2	2	2	2	1	1	
Ohio.....	<sup>3</sup> 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)	<sup>3</sup> 5	8	9	8	6	6	6	6	
Oreg.....	(x)	(x)	(x)	(x)	(x)	<sup>3</sup> 1	1	1	1	2	2	3	3	4	4	4	4	5	
Pa.....	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	3	2	2	2	2	2	2	
S.C.....	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)	<sup>3</sup> 2	2	2	3	2	2	2	2	2	1	
Tenn.....	3	6	9	13	11	10	8	10	10	10	10	10	9	10	9	9	8	9	
Tex.....	(x)	(x)	(x)	(x)	<sup>3</sup> 2	2	4	6	11	13	16	18	21	21	22	23	24	26	
Utah.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	<sup>3</sup> 1	1	2	1	2	2	2	2	2	3	
Vt.....	4	6	5	5	4	3	3	3	2	2	2	2	1	1	1	1	1	1	
Va.....	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)	<sup>3</sup> 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	5	4	4	
Wis.....	(x)	(x)	(x)	(x)	<sup>3</sup> 2	3	6	8	9	10	11	11	10	10	10	10	9	9	
Wyo.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(x)	<sup>3</sup> 1	1	1	1	1	1	1	1	1	1	

X Not applicable.

<sup>1</sup> Membership based on 1790 census as follows: Conn., 7; Del., 1; Ga., 2; Ky., 2; Md., 8; Mass., 14; N.H., 4; N.J., 5; N.Y., 10; N.C., 10; Pa., 13; R.I., 2; S.C., 6; Tenn., 1 (assigned after apportionment); Vt., 2; and Va., 19.

<sup>2</sup> This apportionment was calculated for illustrative purposes only and is based on 1979 population estimates. The figures do provide a general indication of the impact of population changes since 1970. The population estimates are subject to error and even small differences between 1979 estimates and the 1980 census counts, which will be the basis for the official apportionment for the 1980's, can affect the distribution of Congressional seats. <sup>3</sup> Assigned after apportionment. <sup>4</sup> Included in apportionment act in anticipation of statehood.

Source: U.S. Bureau of the Census, *Census of Population: 1970*, vol. I, and *Current Population Reports*, series P-25, No. 878.

# No. 835. POPULATION, 1960 AND 1970, OF CONGRESSIONAL DISTRICTS FOR THE 88TH AND 96TH CONGRESSES, BY DIFFERENCES IN SIZE—STATES

[As of April 1. Based on total resident population]

STATE	DISTRICTS OF 88TH CONGRESS, 1960 POPULATION					DISTRICTS OF 96TH CONGRESS, 1970 POPULATION					Year of last redistrict- ing prior to 96th Congress
	Average (1,000)	Smallest district		Largest district		Average (1,000)	Smallest district		Largest district		
		Number (1,000)	Per- cent below aver- age	Number (1,000)	Per- cent above aver- age		Number (1,000)	Per- cent below aver- age	Number (1,000)	Per- cent above aver- age	
United States <sup>1</sup> .....	410	177	56.8	952	131.8	465	302	35.1	618	32.7	(x)
Alabama.....	<sup>2</sup> 3,267	(x)	(x)	(x)	(x)	492	490	.5	494	.3	1972
Alaska <sup>3</sup> .....	<sup>4</sup> 226	(x)	(x)	(x)	(x)	<sup>4</sup> 302	(x)	(x)	(x)	(x)	(x)
Arizona.....	434	198	54.3	664	52.9	443	443	.1	444	.1	1971
Arkansas.....	447	333	25.5	575	28.8	481	480	.2	481	.1	1971
California.....	414	302	27.0	589	42.4	464	463	.4	467	.5	1973
Colorado.....	438	196	55.4	654	49.1	441	439	.5	442	.2	1972
Connecticut.....	507	319	37.1	690	36.0	505	505	(z)	505	(z)	1972
Delaware <sup>3</sup> .....	<sup>4</sup> 446	(x)	(x)	(x)	(x)	<sup>4</sup> 548	(x)	(x)	(x)	(x)	(x)
Florida.....	413	237	42.5	660	60.0	453	452	.1	453	.1	1972
Georgia.....	394	272	31.0	824	108.9	459	456	.7	461	.4	1972
Hawaii.....	<sup>5</sup> 633	(x)	(x)	(x)	(x)	385	362	5.9	408	5.9	1969
Idaho.....	334	257	22.9	410	22.9	357	356	.1	357	.1	1971
Illinois.....	420	279	33.6	553	31.6	463	460	.7	466	.6	1971
Indiana.....	424	291	31.4	698	64.6	472	472	.1	473	.1	1972
Iowa.....	394	353	10.4	442	12.3	471	469	.4	472	.2	1971
Kansas.....	436	374	14.3	540	23.8	450	447	.6	454	.9	1971
Kentucky.....	434	351	19.2	611	40.8	460	459	.2	461	.2	1972
Louisiana.....	407	264	35.2	536	31.7	455	455	.1	456	.2	1972
Maine.....	485	464	4.3	505	4.3	497	496	.2	498	.2	1971
Maryland.....	443	244	45.0	711	60.5	490	483	1.6	495	1.0	1972
Massachusetts.....	429	376	12.3	479	11.6	474	469	1.0	477	.6	1971
Michigan.....	435	177	59.2	803	84.8	467	465	.4	468	.1	1972
Minnesota.....	427	375	12.0	483	13.2	476	473	.6	479	.8	1971
Mississippi.....	436	295	32.3	608	39.7	443	434	2.2	452	1.9	1972
Missouri.....	432	378	12.4	507	17.3	468	467	.2	470	.4	1972
Montana.....	337	274	18.7	401	18.7	347	347	.1	347	.1	1971
Nebraska.....	470	405	14.0	531	12.8	495	494	.1	495	.1	1968
Nevada <sup>3</sup> .....	<sup>4</sup> 285	(x)	(x)	(x)	(x)	<sup>4</sup> 489	(x)	(x)	(x)	(x)	(x)
New Hampshire.....	303	275	9.3	332	9.3	369	367	.5	371	.5	1972
New Jersey.....	404	255	36.9	586	44.8	478	475	.6	480	.4	1972
New Mexico.....	<sup>5</sup> 951	(x)	(x)	(x)	(x)	508	505	.6	511	.6	1968
New York.....	409	350	14.4	471	15.1	468	467	.2	469	.3	1974
North Carolina.....	414	278	32.9	491	18.7	462	454	1.7	472	2.1	1972
North Dakota.....	316	299	5.4	333	5.4	<sup>6</sup> 618	(x)	(x)	(x)	(x)	(x)
Ohio.....	422	236	44.0	726	72.1	463	462	.2	465	.3	1972
Oklahoma.....	388	228	41.3	553	42.5	427	426	.2	427	.2	1972
Oregon.....	442	285	40.0	523	18.2	523	522	.1	523	.1	1971
Pennsylvania.....	419	303	27.7	553	31.9	472	468	.8	478	1.4	1972
Rhode Island.....	430	400	7.0	460	7.0	475	474	.1	475	.1	1972
South Carolina.....	397	272	31.4	532	33.9	432	411	4.8	446	3.4	1971
South Dakota.....	340	183	46.3	498	46.3	333	333	(z)	333	(z)	1971
Tennessee.....	396	223	43.6	627	58.2	491	472	3.7	513	4.6	1972
Texas.....	435	216	50.3	952	118.5	467	466	.1	467	.1	1973
Utah.....	445	318	28.6	573	28.6	530	530	(z)	530	(z)	1971
Vermont <sup>3</sup> .....	<sup>4</sup> 390	(x)	(x)	(x)	(x)	<sup>4</sup> 445	(x)	(x)	(x)	(x)	(x)
Virginia.....	397	313	21.1	540	36.0	465	463	.4	466	.2	1972
Washington.....	408	343	16.0	511	25.2	487	478	1.8	523	7.3	1972
West Virginia.....	372	303	18.5	422	13.4	436	434	.4	438	.4	1971
Wisconsin.....	395	237	40.1	530	34.2	491	491	(z)	491	(z)	1971
Wyoming <sup>3</sup> .....	<sup>4</sup> 330	(x)	(x)	(x)	(x)	<sup>4</sup> 332	(x)	(x)	(x)	(x)	(x)

X Not applicable. Z Less than .05 percent. <sup>1</sup> Excludes District of Columbia; see text, p. 497. <sup>2</sup> Total State population; 8 Representatives elected at large. <sup>3</sup> 1 Representative elected at large. <sup>4</sup> Total State population. <sup>5</sup> Total State population; 2 Representatives elected at large. <sup>6</sup> Total State population; 1 Representative elected at large.

Source: U.S. Bureau of the Census, *Congressional District Data Book, Districts of the 93d Congress*, and reports for Districts of the 94th Congress for California, New York, and Texas.

**NO. 836. VOTE CAST FOR UNITED STATES REPRESENTATIVES, BY MAJOR POLITICAL PARTIES, BY 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. 1980 data unofficial. See also *Historical Statistics, Colonial Times to 1970*, series Y 211-214]

STATE	1976				1978				1980			
	Total <sup>1</sup>	Democ- ratic	Re- pub- lican	Per- cent for lead- ing party	Total <sup>1</sup>	Democ- ratic	Re- pub- lican	Per- cent for lead- ing party	Total <sup>1</sup>	Democ- ratic	Re- pub- lican	Per- cent for lead- ing party
<b>Total <sup>2</sup>.....</b>	<b>74,422</b>	<b>41,864</b>	<b>31,264</b>	<b>56.3</b>	<b>54,693</b>	<b>29,282</b>	<b>24,624</b>	<b>53.5</b>	<b>72,796</b>	<b>36,047</b>	<b>35,672</b>	<b>49.5</b>
Ala. <sup>3</sup> .....	984	667	315	67.8	642	440	197	68.4	882	509	340	57.7
Alaska.....	118	34	84	70.8	124	55	69	55.4	118	30	87	74.2
Ariz.....	729	356	340	48.8	519	262	231	50.4	841	389	429	51.0
Ark. <sup>4 5</sup> .....	336	281	75	77.6	293	98	195	66.6	200	42	158	79.0
Calif.....	7,454	4,144	3,220	55.6	6,526	3,335	3,106	51.1	7,987	3,613	4,104	51.4
Colo.....	1,021	455	537	53.1	785	369	402	51.2	1,148	505	619	53.9
Conn.....	1,348	682	651	50.6	1,021	592	423	58.0	1,315	687	628	52.3
Del.....	215	102	111	51.5	158	65	92	58.2	217	82	134	61.6
D.C.....	160	123	22	77.3	96	77	12	79.5	(NA)	(NA)	(NA)	(NA)
Fla. <sup>4 6</sup> .....	2,083	1,126	937	54.1	1,620	948	672	58.5	2,927	1,723	1,204	58.9
Ga. <sup>3</sup> .....	1,253	931	322	74.3	589	472	116	80.2	1,143	772	371	67.6
Hawaii.....	284	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
Ill.....	4,366	2,247	2,113	51.5	3,044	1,465	1,577	51.8	4,365	1,981	2,383	54.6
Ind.....	2,103	1,166	932	55.5	1,449	752	681	51.9	2,149	1,058	1,079	50.2
Iowa.....	1,242	709	527	57.1	812	403	406	50.1	1,255	636	617	50.7
Kans.....	909	349	545	60.0	676	233	441	65.2	1,198	402	516	56.2
Ky. <sup>3</sup> .....	989	606	374	61.2	477	265	208	55.5	806	369	436	54.0
La.....	1,014	624	365	61.5	<sup>7</sup> 131	<sup>7</sup> 66	<sup>7</sup> 65	<sup>7</sup> 50.1	<sup>7</sup> 162	-	-	( <sup>7</sup> )
Maine.....	473	151	315	66.5	370	141	209	56.5	510	138	373	73.0
Md.....	1,316	789	473	60.0	924	604	313	65.4	1,355	838	517	61.9
Mass. <sup>3</sup> .....	2,345	1,510	723	64.4	1,809	1,249	472	69.0	1,828	1,070	758	58.6
Mich.....	3,432	1,898	1,503	55.3	2,708	1,539	1,150	56.8	3,556	1,673	1,628	52.7
Minn.....	1,795	1,040	730	58.0	1,526	779	712	51.1	1,818	866	948	52.2
Miss. <sup>3</sup> .....	637	375	257	59.0	519	252	236	48.5	648	288	303	46.8
Mo.....	1,905	1,081	812	56.7	1,546	967	576	62.5	2,020	1,086	924	53.7
Mont.....	321	180	140	56.2	283	143	140	50.6	313	164	149	52.5
Nebr.....	602	211	386	64.1	495	184	311	62.8	617	165	445	72.2
Nev.....	200	154	24	77.1	191	133	44	69.5	244	165	63	67.5
N.H.....	325	174	149	53.4	258	122	134	51.7	363	177	186	51.2
N.J.....	2,811	1,539	1,218	54.7	1,934	1,044	838	54.0	2,620	1,280	1,313	50.1
N. Mex.....	401	185	215	53.5	285	166	118	58.5	400	172	223	43.0
N.Y. <sup>6</sup> .....	5,991	3,501	2,342	58.4	4,379	2,275	1,983	51.9	5,398	2,672	2,598	49.5
N.C. <sup>3</sup> .....	1,572	1,011	549	64.3	1,020	607	406	59.5	1,616	848	765	52.5
N. Dak.....	290	104	181	62.4	220	68	148	67.1	290	166	125	57.1
Ohio <sup>3</sup> .....	3,842	1,818	1,917	49.9	2,780	1,278	1,472	52.9	3,671	1,538	2,126	57.9
Okla. <sup>4 5</sup> .....	1,068	683	372	64.0	589	331	258	56.2	829	436	388	52.6
Oreg.....	927	599	263	64.7	874	587	258	67.2	1,078	640	427	59.3
Pa. <sup>3</sup> .....	4,434	2,410	2,007	54.4	3,542	1,805	1,711	51.0	4,136	2,041	2,004	49.3
R.I.....	389	271	114	69.7	308	174	134	56.6	370	204	166	55.2
S.C.....	784	502	279	64.1	577	379	183	65.6	824	407	395	49.4
S. Dak.....	295	73	221	75.0	256	120	135	53.0	318	173	145	54.4
Tenn. <sup>3</sup> .....	1,251	775	453	62.9	1,062	581	449	54.7	1,062	552	490	52.0
Tex. <sup>3</sup> .....	3,663	2,369	1,277	64.7	2,182	1,285	888	58.9	3,470	1,850	1,561	53.5
Utah.....	544	267	251	49.0	379	163	207	54.5	580	231	349	60.2
Vt.....	185	60	124	67.4	121	23	91	75.3	194	-	153	79.2
Va. <sup>3</sup> .....	1,463	666	670	45.8	1,057	444	595	56.3	1,132	394	365	73.3
Wash.....	1,426	818	586	57.4	979	507	451	51.8	1,438	723	698	50.3
W. Va.....	1,693	447	157	67.3	443	291	152	65.7	681	388	293	57.0
Wis.....	1,962	1,190	761	60.7	1,450	769	676	53.0	2,123	1,067	1,052	50.3
Wyo.....	152	86	66	56.4	129	54	76	58.6	170	53	116	68.6

- Represents zero. NA Not available. <sup>1</sup> Includes vote cast for minor parties. <sup>2</sup> Includes vote cast for Delegate at Large in District of Columbia. <sup>3</sup> 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. <sup>4</sup> State law does not require tabulation of votes for unopposed candidates. <sup>5</sup> 1976 data for 1st and 2d Districts; 1978 data for 2d and 3d Districts; 1980 data for 2d District only. <sup>6</sup> 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. <sup>7</sup> Results for District 4 only. In 1980 there were 2 Democratic candidates. <sup>8</sup> Includes endorsing votes cast by other parties for Democratic and Republican candidates. <sup>9</sup> In 1978 and 1980, District 3 was unopposed.

Source: Compiled by U.S. Bureau of the Census. 1976 and 1978 from Elections Research Center, Washington, D.C., *America Votes*, vol. 13 (copyright); 1980, Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 38, No. 45, Nov. 8, 1980 (copyright).

**NO. 837. 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.....	435	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
<b>1980, total <sup>2</sup>...</b>	<b>435</b>	<b>82</b>	<b>59</b>	<b>294</b>	<b>242</b>	<b>38</b>	<b>30</b>	<b>174</b>	<b>192</b>	<b>43</b>	<b>29</b>	<b>120</b>	<b>54</b>	<b>39</b>	<b>15</b>
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	1	-
Idaho.....	2	1	1	-	-	-	-	-	2	1	1	-	-	-	-
Ill.....	24	1	1	22	10	1	-	9	14	-	1	13	-	-	-
Ind.....	11	4	2	5	6	3	1	2	5	1	1	3	-	-	-
Iowa.....	6	2	2	2	3	1	1	1	3	1	1	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	6	-	-	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	4	3	8	8	2	1	5	7	2	2	3	-	-	-
N. Mex.....	2	2	-	-	-	-	-	-	2	2	-	-	-	-	-
N.Y.....	39	7	6	26	22	4	3	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	3	4	16	10	2	2	6	13	1	2	10	2	2	-
Okla.....	6	2	1	3	5	2	1	2	1	-	-	1	1	1	-
Oreg.....	4	-	-	2	3	1	-	2	1	1	-	-	-	-	-
Pa.....	125	16	2	17	12	2	1	9	12	3	1	8	2	1	1
R.I.....	2	-	1	1	1	-	-	1	1	-	-	-	-	-	-
S.C.....	6	2	1	3	2	-	-	2	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	5	2	17	19	3	2	14	5	2	-	3	6	6	-
Utah.....	2	1	-	1	-	-	-	-	2	1	-	1	-	-	-
Vt.....	1	-	-	1	-	-	-	-	1	-	-	1	1	-	1
Va.....	10	2	1	7	1	-	-	1	9	2	1	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	1	-	-	-
Wis.....	9	2	2	5	5	1	1	3	4	1	-	2	-	-	-
Wyo.....	1	-	-	1	-	-	-	-	1	-	-	1	-	-	-

- Represents zero. <sup>1</sup> Includes one Representative elected as an Independent. <sup>2</sup> Data unofficial.

Source: Compiled by U.S. Bureau of the Census from Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, No. 13, March 1979 and vol. 38, No. 45, Nov. 8, 1980 (copyright).

## No. 838. COMPOSITION OF CONGRESS, BY POLITICAL PARTY: 1939 TO 1981

[D=Democratic, R=Republican. Data for beginning of first session of each Congress; 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-164	4	D-69	R-23	4
1941	D (F. Roosevelt)	77th	D-266	R-162	5	D-68	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 <sup>1</sup>	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 <sup>2</sup>	R (Nixon)	92d	D-254	R-180	-	D-54	R-44	2
1973 <sup>2,3</sup>	R (Nixon) <sup>4</sup>	93d	D-239	R-192	1	D-56	R-42	2
1975 <sup>5</sup>	R (Ford) <sup>4</sup>	94th	D-291	R-144	-	D-60	R-37	2
1977 <sup>5</sup>	D (Carter)	95th	D-292	R-143	-	D-61	R-38	1
1979 <sup>6</sup>	D (Carter)	96th	D-276	R-157	-	D-58	R-41	1
1981 <sup>7</sup>	R (Reagan)	97th	D-242	R-192	1	R-53	D-46	1

- Represents zero. <sup>1</sup> Includes Hawaii; members seated Aug. 1959. <sup>2</sup> Senate had 1 Independent and 1 Conservative-Republican. <sup>3</sup> House had 1 Independent-Democrat. <sup>4</sup> Nixon resigned Aug. 1974. <sup>5</sup> Senate had 1 Independent, 1 Conservative-Republican, and 1 undecided (New Hampshire). <sup>6</sup> Senate had 1 Independent. <sup>7</sup> Senate and House each had 1 Independent.

Source: 1939-1979, U.S. Congress, Joint Committee on Printing, *Congressional Directory*, annual; beginning 1977, biennial. 1981, Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 38, No. 45, Nov. 8, 1980 (copyright).

## No. 839. CONGRESSIONAL BILLS, ACTS, AND RESOLUTIONS: 1963 TO 1979

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

ITEM	88th Cong., 1963-64	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
Measures introduced	17,480	24,003	26,460	26,303	22,969	23,396	21,096	19,387	9,024
Bills	16,079	22,483	24,786	24,631	21,363	21,950	19,762	18,045	8,420
Joint resolutions	1,401	1,520	1,674	1,672	1,606	1,446	1,334	1,342	604
Measures enacted	1,025	1,283	1,002	941	768	774	729	803	230
Public	666	810	640	695	607	651	588	633	187
Private	360	473	362	246	161	123	141	170	43

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

## No. 840. CONGRESSIONAL BILLS VETOED: 1923 TO 1979

[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 <sup>1</sup>	42	24	18	36	6
1974-1977	Ford <sup>1</sup>	72	53	19	60	12
1977-1979	Carter	20	7	13	20	-

- Represents zero. <sup>1</sup> 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. 841. COMPOSITION OF CONGRESS, BY POLITICAL PARTY AFFILIATIONS, BY 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., <sup>1</sup> 1979		97th Cong., <sup>2</sup> 1981		94th Cong., <sup>3,4</sup> 1975		95th Cong., <sup>3</sup> 1977		96th Cong., <sup>5</sup> 1979		97th Cong., <sup>5</sup> 1981	
	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.	Dem.	Rep.
Total.....	291	144	292	143	276	157	242	192	60	37	61	38	58	41	46	53
Ala.....	4	3	4	3	4	3	4	3	2	-	2	-	2	-	1	1
Alaska.....	-	1	-	1	-	1	-	1	1	1	1	1	1	1	-	1
Ariz.....	1	3	2	2	2	2	2	2	-	2	1	1	1	1	-	2
Ark.....	3	1	3	1	2	2	2	2	2	-	2	-	2	-	2	1
Calif.....	28	15	29	14	25	17	22	21	2	-	1	1	1	1	1	1
Colo.....	3	2	3	2	3	2	3	2	2	-	2	-	1	1	1	1
Conn.....	4	2	4	2	5	1	4	2	1	1	1	1	1	1	1	1
Del.....	-	1	-	1	-	1	-	1	1	1	1	1	1	1	1	1
Fla.....	10	5	10	5	12	3	11	4	2	-	2	-	2	-	1	1
Ga.....	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
Ill.....	13	11	12	12	11	13	10	14	1	1	1	1	1	1	1	1
Ind.....	9	2	8	3	7	4	6	5	2	-	1	1	1	1	1	2
Iowa.....	5	1	4	2	3	3	3	3	2	-	2	-	1	1	-	2
Kans.....	1	4	2	3	1	4	1	4	-	2	-	2	-	2	-	2
Ky.....	5	2	5	2	4	3	4	3	2	-	2	-	2	-	2	-
La.....	6	2	6	2	5	3	6	2	2	-	2	-	2	-	2	-
Maine.....	-	2	-	2	-	2	-	2	2	-	2	-	1	1	1	1
Md.....	5	3	5	3	6	2	7	1	-	2	1	1	1	1	1	1
Mass.....	10	2	10	2	10	2	10	2	1	1	1	1	2	-	2	-
Mich.....	12	7	11	8	13	6	12	7	1	1	1	1	2	-	2	-
Minn.....	5	3	5	3	4	4	3	5	2	-	2	-	2	-	2	-
Miss.....	3	2	3	2	3	2	3	2	2	-	2	-	1	1	1	1
Mo.....	9	1	8	2	8	2	6	4	2	-	1	1	1	1	1	1
Mont.....	2	-	1	1	1	1	1	1	2	-	2	-	2	-	2	-
Neb.....	-	3	1	2	1	2	-	3	-	2	1	1	2	-	2	-
Nev.....	1	-	1	-	1	-	1	-	1	1	1	1	1	1	1	1
N.H.....	1	1	1	1	1	1	1	1	1	-	2	-	1	1	2	-
N.J.....	12	3	11	4	10	5	8	7	1	1	1	1	2	-	2	-
N. Mex.....	1	1	1	1	1	1	-	2	1	1	2	-	2	-	2	-
N.Y.....	27	12	28	11	26	13	22	17	-	1	1	1	1	1	1	1
N.C.....	9	2	9	2	9	2	7	4	1	1	1	1	1	1	2	1
N. Dak.....	-	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	-
Okla.....	6	-	5	1	5	1	5	1	-	2	-	2	1	1	1	1
Oreg.....	4	-	4	-	4	-	3	1	-	2	-	2	-	2	-	2
Pa.....	14	11	17	8	15	10	12	12	-	2	-	2	-	2	-	2
R.I.....	2	-	2	-	2	-	1	1	2	-	1	1	1	1	1	1
S.C.....	5	1	5	1	4	2	2	4	1	1	1	1	1	1	1	1
S. Dak.....	-	2	-	2	1	1	1	1	2	-	2	-	1	1	-	2
Tenn.....	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	1	1	2	-	2	1
Vt.....	-	1	-	1	-	1	-	1	1	1	1	1	1	1	1	1
Va.....	5	5	4	6	4	6	1	9	-	1	-	1	-	1	-	1
Wash.....	6	1	6	1	6	1	5	2	2	-	2	-	2	-	2	1
W. Va.....	4	-	4	-	4	-	2	2	2	-	2	-	2	-	1	1
Wis.....	7	2	7	2	6	2	5	4	2	-	2	-	2	-	1	1
Wyo.....	1	-	1	-	-	-	-	1	1	1	2	-	2	-	-	2

- Represents zero. <sup>1</sup> Calif. and Wis. each had 1 vacancy. <sup>2</sup> Pa. had 1 Rep. classified Independent. <sup>3</sup> N.Y. had 1 Senator classified Conservative-Republican and Va. had 1 Senator classified Independent. <sup>4</sup> One Senate seat (N.H.) was undecided at beginning of session; subsequently became Democratic. <sup>5</sup> Va. had 1 Senator classified Independent.

Source: U.S. Congress, Joint Committee on Printing, *Congressional Directory*, annual; beginning 1977, biennial; 1980, *Congressional Quarterly*, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 38, No. 45, Nov. 8, 1980 (copyright).



## NO. 842. MEMBERS OF CONGRESS—INCUMBENTS RE-ELECTED: 1956 TO 1978

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

- Represents zero. <sup>1</sup> 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*, No. 14, April 5, 1980 (copyright).

## NO. 843. MEMBERS OF CONGRESS—SELECTED CHARACTERISTICS: 1969 TO 1979

[As of beginning of first session of each Congress. Figures for Representatives exclude vacancies]

MEMBERS OF CONGRESS AND YEAR	Male	Fe-male	RACE			Married	Not married <sup>1</sup>	AGE (in years)					
			White	Black	Other			Under 40	40-49	50-59	60-69	70-79	80 and over
<b>REPRESENTATIVES</b>													
91st Cong., 1969 .....	425	10	424	9	2	406	29	39	160	140	80	13	3
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	-
<b>SENATORS</b>													
91st Cong., 1969 .....	99	1	97	1	2	97	3	5	25	28	29	13	-
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 <sup>2</sup> .....	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	98	-	2	95	5	10	31	33	17	8	1

- Represents zero. <sup>1</sup> Single, widowed, or divorced. <sup>2</sup> Includes Sen. Durkin, N.H., seated Sept. 1975.

## NO. 844. MEMBERS OF CONGRESS—SENIORITY AND OCCUPATION: 1975 TO 1980

[As of beginning of first session except 96th Congress, 1980, as of second session. Dem. = Democratic; Rep. = Republican]

SENIORITY AND OCCUPATION	REPRESENTATIVES						SENATORS					
	94th Cong., 1975	95th Cong., 1977	96th Cong., 1979	96th Cong., 1980			94th Cong., 1975	95th Cong., 1977	96th Cong., 1979	96th Cong., 1980		
				Total	Dem.	Rep.				Total	Dem.	Rep.
<b>Total</b> .....	435	435	<sup>1</sup> 435	<sup>2</sup> 435	275	159	100	100	100	<sup>3</sup> 100	58	41
<b>Seniority:</b>												
Less than 2 years .....	96	71	80	79	42	37	11	18	20	18	8	10
2-9 years .....	162	207	206	207	138	69	41	41	41	43	26	17
10-19 years .....	125	116	105	106	61	45	34	24	23	<sup>4</sup> 22	11	10
20-29 years .....	42	33	32	32	24	8	10	12	12	13	10	3
30 years or more .....	10	8	10	10	10	-	4	5	4	4	3	1
<b>Occupation:</b> <sup>4</sup>												
Agriculture .....	31	16	19	19	10	9	10	9	6	6	2	4
Business or banking .....	140	118	127	127	71	56	22	24	29	29	15	14
Education .....	64	70	57	57	44	13	10	8	7	7	4	3
Journalism .....	24	27	11	11	6	5	5	6	2	<sup>3</sup> 2	1	-
Law .....	221	222	205	205	133	72	67	68	65	65	43	22
Public service/Politics <sup>5</sup> .....	346	60	41	42	21	21	94	17	12	12	7	5

- Represents zero. <sup>1</sup> Includes 2 vacancies. <sup>2</sup> Includes 1 vacancy. <sup>3</sup> Includes 1 independent. <sup>4</sup> Not all occupations reported are listed. Source: Congressional Quarterly, Inc., Washington, D.C., *Washington Information Directory*, 1980-81, May 1980, and *Congressional Quarterly Weekly Report*, No. 2, Jan. 13, 1979, and previous issues (copyright). Members of Congress may state more than 1 occupation; therefore, sum may be greater than total. <sup>5</sup> Beginning 95th Congress, data not comparable with 94th Congress because of change in criteria.

Source of tables 843 and 844: 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. Data for 1980 unpublished.

## No. 845. ELECTED STATE AND LOCAL GOVERNMENT OFFICIALS, BY REGIONS: 1977

[For composition of regions, see fig. 1, inside front cover. For explanation of methodology, see Appendix III]

TYPE OF GOVERNMENT	Number of governments	Total elected officials	Average per government	ELECTED OFFICIALS IN—			
				Northeast	No. Central	South	West
Total .....	79,912	490,265	6.1	102,187	224,400	102,327	61,351
State governments .....	50	15,294	305.9	3,362	3,952	5,404	2,576
Local governments <sup>1</sup> .....	79,862	474,971	6.0	98,825	220,448	96,923	58,776
Counties .....	3,042	62,922	20.7	3,201	25,865	27,805	6,051
Municipalities .....	18,862	134,017	7.1	20,723	59,577	39,782	13,935
Townships .....	16,822	118,966	7.1	47,495	71,471	-	-
School districts .....	15,174	87,062	5.7	18,404	36,683	17,445	14,530
Special districts .....	25,962	72,377	2.8	9,351	26,859	11,891	24,276

- Represents zero. <sup>1</sup> Adjusted to exclude officials serving both county and township or city governments.Source: U.S. Bureau of the Census, *Census of Governments: 1977*, vol. 1, No. 2, *Popularly Elected Officials of State and Local Governments*.

## No. 846. VOTE CAST FOR AND GOVERNOR ELECTED, BY STATES: 1974 TO 1980

[In thousands, except percent. D=Democratic, R=Republican, I = Independent. 1980 data unofficial]

STATE	1974		1976		1978		1980		Candidate elected at most recent election
	Total vote <sup>1</sup>	Per-cent leading party	Total vote <sup>1</sup>	Per-cent leading party	Total vote <sup>1</sup>	Per-cent leading party	Total vote <sup>1</sup>	Per-cent 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	825	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)	227	R-70.5	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)	289	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)	2,132	R-57.8	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 <sup>2</sup> .....	748	D-62.8	(x)	(x)	939	D-59.4	(x)	(x)	John Y. Brown.
Louisiana .....	* 1,203	* 62.4	(x)	(x)	* 1,372	* R-50.3	(x)	(x)	David C. Trean.
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)	1,962	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 <sup>2</sup> .....	708	D-52.2	(x)	(x)	677	D-61.1	(x)	(x)	William Winter.
Missouri .....	(x)	(x)	1,934	D-50.2	(x)	(x)	2,047	R-52.7	Christopher S. Bond.
Montana .....	(x)	(x)	317	D-61.7	(x)	(x)	334	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	383	D-59.0	Hugh J. Gallen.
New Jersey <sup>3</sup> .....	2,122	D-68.7	2,126	D-55.7	(x)	(x)	(x)	(x)	Brendan Byrne.
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)	1,825	D-61.8	James B. Hunt, Jr.
North Dakota .....	(x)	(x)	297	D-51.6	(x)	(x)	273	R-53.5	Allen I. Olson.
Ohio .....	3,072	R-46.6	(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	384	D-74.1	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)	592	D-55.3	Scott M. Matheson.
Vermont .....	141	D-56.6	186	R-53.4	124	R-62.8	207	R-58.8	Richard S. Snelling.
Virginia <sup>4</sup> .....	1,035	R-50.7	1,251	R-55.9	(x)	(x)	(x)	(x)	John Dalton.
Washington .....	(x)	(x)	1,546	D-53.1	(x)	(x)	1,540	R-56.5	John Spellman.
West Virginia .....	(x)	(x)	749	D-86.2	(x)	(x)	719	D-53.8	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. <sup>1</sup> Includes minor party and scattered votes. <sup>2</sup> Voting years, 1975 and 1979. <sup>3</sup> Primary election, Nov. 1975, held on a non-party basis. <sup>4</sup> Dec. 1979 vote. <sup>5</sup> Voting years, 1973 and 1977.Source: 1974-1978, Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright) and unpublished data; 1980, Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol. 38, No. 45, Nov. 8, 1980 (copyright).

# No. 847. COMPOSITION OF STATE LEGISLATURES, BY POLITICAL PARTY AFFILIATIONS: 1974 TO 1978

[Dates shown refer to election years in most States, to odd-year elections a year previously in a few; 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 <sup>1 2</sup>		1976 <sup>3 4</sup>		1978 <sup>5 6</sup>		1974 <sup>1 7</sup>		1976 <sup>4 8</sup>		1978 <sup>6 9</sup>	
	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	1,307	620	1,306	618	1,260	669
Alabama.....	105	-	103	2	101	4	35	-	34	-	35	-
Alaska <sup>10</sup> .....	30	9	25	15	25	14	13	7	12	8	9	11
Arizona.....	27	33	22	38	18	42	18	12	16	14	14	16
Arkansas <sup>10</sup> .....	98	2	95	5	94	6	34	1	34	1	35	-
California <sup>10</sup> .....	55	25	57	23	50	30	25	15	26	14	25	14
Colorado.....	39	26	30	35	27	38	16	19	17	18	13	22
Connecticut.....	118	33	91	60	103	48	29	7	22	14	26	10
Delaware <sup>10</sup> .....	25	16	26	15	20	21	13	8	13	8	13	8
Florida <sup>10</sup> .....	86	34	93	27	89	31	27	12	30	9	29	11
Georgia.....	155	24	156	24	160	20	51	5	52	4	51	5
Hawaii.....	35	16	41	10	42	9	18	7	18	7	18	7
Idaho.....	27	43	22	48	20	50	13	22	15	20	16	19
Illinois.....	101	76	94	83	89	88	34	25	34	25	32	27
Indiana <sup>10</sup> .....	56	44	48	52	46	54	23	27	28	22	21	29
Iowa <sup>10</sup> .....	61	39	59	41	44	56	26	24	26	24	21	29
Kansas.....	53	72	65	60	56	69	14	26	19	21	19	21
Kentucky <sup>10</sup> .....	78	22	78	22	75	25	30	8	29	9	29	9
Louisiana.....	101	4	101	4	96	9	38	1	38	1	39	-
Maine.....	91	59	89	62	77	73	14	19	12	21	13	19
Maryland.....	126	15	125	15	125	16	39	8	39	8	40	7
Massachusetts.....	190	45	192	44	129	30	33	7	34	6	34	6
Michigan.....	66	44	68	42	70	40	24	14	24	14	24	14
Minnesota.....	103	31	100	34	67	67	38	28	48	19	47	20
Mississippi.....	119	3	117	3	116	4	50	2	50	2	48	4
Missouri <sup>10</sup> .....	114	49	112	51	117	46	23	11	22	12	22	12
Montana <sup>10</sup> .....	67	33	57	43	55	45	30	20	25	25	26	24
Nebraska.....	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)	(11)
Nevada <sup>10</sup> .....	31	9	35	5	26	14	17	3	17	3	15	5
New Hampshire.....	167	233	175	219	170	223	12	12	12	12	11	13
New Jersey.....	49	31	54	26	44	36	29	10	27	13	27	13
New Mexico.....	51	19	48	22	41	29	29	13	33	9	32	10
New York.....	88	62	87	58	86	64	26	34	21	36	25	35
North Carolina.....	111	9	114	6	106	14	49	1	47	3	44	6
North Dakota <sup>10</sup> .....	40	62	50	50	29	71	17	34	18	32	15	35
Ohio <sup>10</sup> .....	59	40	62	37	62	37	21	12	21	12	18	15
Oklahoma <sup>10</sup> .....	76	25	79	22	75	26	39	9	39	9	38	10
Oregon <sup>10</sup> .....	38	22	37	23	34	26	22	7	24	6	23	7
Pennsylvania <sup>10</sup> .....	114	89	118	84	100	102	29	20	28	20	28	22
Rhode Island.....	83	17	83	17	84	16	46	4	45	5	46	4
South Carolina <sup>10</sup> .....	107	17	111	12	107	16	44	2	43	3	43	3
South Dakota.....	33	37	22	46	22	48	19	16	12	23	11	24
Tennessee.....	63	35	66	32	60	38	20	12	23	9	20	12
Texas <sup>10</sup> .....	134	16	131	19	127	23	28	3	27	4	26	5
Utah <sup>10</sup> .....	40	35	35	40	24	51	15	14	17	12	10	19
Vermont.....	65	75	75	74	69	79	12	18	9	21	10	20
Virginia.....	78	17	76	21	74	25	35	5	35	5	31	9
Washington <sup>10</sup> .....	62	36	62	36	49	49	30	19	29	20	30	19
West Virginia <sup>10</sup> .....	86	14	91	9	74	26	26	8	28	6	26	8
Wisconsin <sup>10</sup> .....	63	36	66	33	60	37	19	14	22	11	21	12
Wyoming <sup>10</sup> .....	29	32	29	32	20	42	15	15	12	18	11	19

- Represents zero. <sup>1</sup> Status as of late 1975; includes elections held and vacancies filled in 1975. <sup>2</sup> 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. <sup>3</sup> 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. <sup>4</sup> Status as of January 1978; includes elections held and vacancies filled in 1977. <sup>5</sup> 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. <sup>6</sup> Status as of January 1980; includes elections held and vacancies filled in 1979. <sup>7</sup> Excludes 1 Independent each for Fla., Minn., N.J., Oreg., and Tenn., and 1 vacancy for Pa. <sup>8</sup> Excludes 1 Independent each for Ala., Fla., and Tenn.; 2 vacancies for Pa., and 3 vacancies for N.Y. <sup>9</sup> Excludes 1 Independent each for Maine and Tenn., and 1 vacancy for Calif. <sup>10</sup> Upper House members serve 4-year terms, some elected every 2 years. <sup>11</sup> 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. 848. BLACK ELECTED OFFICIALS, BY OFFICE, 1970 TO 1979, AND BY REGIONS AND STATES, 1979

[As of July 1979, no Black elected officials had been identified in Idaho, Montana, North Dakota, South Dakota, Utah, Vermont, or Wyoming. For composition of regions, see fig. 1, inside front cover]

AR, REGION, AND STATE	Total	U.S. and State legislatures <sup>1</sup>	City and county offices <sup>2</sup>	Law enforcement <sup>3</sup>	Educational <sup>4</sup>	STATE	Total	U.S. and State legislatures <sup>1</sup>	City and county offices <sup>2</sup>	Law enforcement <sup>3</sup>	Educational <sup>4</sup>
1970 (Feb.)	1,472	182	715	213	362	Kans.	28	5	14	1	8
1972 (Mar.)	2,264	224	1,108	263	669	Ky.	76	4	47	11	14
1973 (Apr.)	2,621	256	1,264	334	767	La.	334	10	197	39	88
1974 (Apr.)	2,991	256	1,602	340	793	Maine	3	-	3	-	-
						Md.	85	21	52	10	2
1975 (Apr.)	3,503	299	1,678	387	939	Mass.	17	6	3	-	8
1976 (Apr.)	3,979	299	2,274	412	994	Mich.	272	10	118	36	100
1977 (July)	4,311	316	2,497	447	1,051	Minn.	8	1	1	3	3
1978 (July)	4,503	316	2,595	454	1,138	Miss.	327	6	203	56	62
1979, July	4,584	315	2,647	486	1,135	Mo.	132	16	92	12	12
Northeast	541	55	193	80	213	Neb.	7	1	1	-	5
No. Central	985	89	542	105	249	Nev.	7	3	1	1	2
South	2,768	147	1,828	233	560	N.H.	1	1	-	-	-
West	290	24	84	68	114	N.J.	143	5	77	-	61
						N. Mex.	3	-	2	-	1
Ala.	208	16	131	39	22	N.Y.	195	18	32	35	110
Alaska	2	-	1	-	1	N.C.	240	4	168	7	61
Ariz.	13	2	4	2	5	Ohio	177	13	100	20	44
Ark.	226	4	136	1	85	Okla.	71	4	48	1	18
Calif.	227	12	63	55	97	Oreg.	6	1	2	2	1
Colo.	16	3	4	5	4	Pa.	129	17	45	44	23
Conn.	46	6	28	1	10	R.I.	7	1	5	-	1
Del.	14	3	9	-	2	S.C.	222	13	125	22	62
D.C.	247	7	238	-	8	Tenn.	109	13	76	7	13
Fla.	91	4	71	7	9	Tex.	174	15	70	19	70
Ga.	237	23	162	8	44	Va.	88	5	79	4	-
Hawaii	1	1	-	-	-	Wash.	15	2	7	3	3
Ill.	276	24	167	25	60	W. Va.	19	1	16	2	-
Ind.	62	7	42	5	8	Wis.	17	9	7	2	4
Iowa	6	-	-	1	5						

- Represents zero. <sup>1</sup> Includes elected State administrators and directors of State agencies. <sup>2</sup> County commissioners and councilmen, mayors, vice mayors, aldermen, regional officials, and other. <sup>3</sup> Judges, magistrates, constables, marshals, sheriffs, justices of the peace, and other. <sup>4</sup> College boards, school boards, and other. <sup>5</sup> Includes 3 U.S. Representatives and 1 State Superintendent of Public Instruction. <sup>6</sup> Includes 1 State Treasurer. <sup>7</sup> Includes 1 U.S. Representative. <sup>8</sup> Includes 2 U.S. Representatives. <sup>9</sup> Includes 1 Comptroller. <sup>10</sup> Includes 1 Secretary of State.

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

## NO. 849. VOTER REGISTRATION IN 11 SOUTHERN STATES, BY RACE: 1960 TO 1976

[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 852]

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	68	73	183	180	159	22	210	58	185	227	100
Percent White <sup>1</sup>	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 <sup>1,2</sup>	29.1	13.7	38.0	29.4	29.3	31.1	5.2	39.1	13.7	59.1	35.5	23.1
1964: White	14,264	946	621	2,200	1,340	1,037	525	1,942	703	1,297	2,602	1,050
Black	2,164	111	95	300	270	165	29	258	144	218	375	200
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
1968: White	15,702	1,117	640	2,195	1,524	1,133	691	1,579	587	1,448	3,532	1,256
Black	3,112	273	130	292	344	305	251	305	189	228	540	255
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
1975: White	19,429	1,486	797	3,119	1,534	1,338	868	1,919	660	1,697	4,252	1,762
Black	3,835	307	200	356	356	393	286	355	222	262	610	289
1976: White	21,690	1,544	817	3,480	1,703	1,445	866	2,137	828	1,886	5,191	1,794
Black	4,149	321	204	410	398	421	286	396	285	271	640	317
Percent White <sup>1</sup>	67.9	79.3	62.6	61.3	65.9	78.4	80.0	69.2	58.4	73.7	69.1	61.6
Percent Black <sup>1</sup>	63.1	58.4	94.0	61.1	74.8	63.0	60.7	54.8	56.5	66.4	65.0	54.7

<sup>1</sup> Of voting age population. <sup>2</sup> Includes other minority races. <sup>3</sup> Estimated. <sup>4</sup> 1975 data.

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

**NO. 850. WOMEN HOLDING STATE AND LOCAL PUBLIC OFFICES, BY OFFICE, 1975 TO 1979, AND BY STATES. 1979**

[As of August. For data on women in U.S. Congress, see table 843]

YEAR AND STATE	Total	State judiciary <sup>1</sup>	State legislature	County commission	Mayorality	Townships and local councils	STATE	Total	State judiciary <sup>1</sup>	State legislature	County commission	Mayorality	Townships and local councils
1975.....	7,089	92	610	456	566	5,365	Miss.....	156	2	2	8	9	135
1977.....	11,392	110	696	656	735	9,195	Mo.....	396	-	17	5	41	333
1979.....	14,364	177	770	958	998	11,461	Mont.....	109	-	14	4	11	80
Per-cent <sup>2</sup>	9	3	10	5	10	10	Nebr.....	166	-	3	10	20	133
Ala.....	235	1	4	8	16	206	Nev.....	18	-	5	5	1	7
Alaska.....	197	-	7	14	9	167	N.H.....	183	-	114	4	1	64
Ariz.....	96	5	17	8	8	58	N.J.....	404	7	12	18	39	328
Ark.....	275	2	4	53	30	186	N. Mex.....	91	3	5	7	9	67
Calif.....	340	23	11	28	48	230	N.Y.....	627	12	13	43	39	520
Colo.....	283	3	21	9	22	228	N.C.....	185	2	22	29	25	107
Conn.....	240	9	37	(X)	3	191	N. Dak.....	156	-	20	3	10	123
Del.....	55	-	7	3	8	37	Ohio.....	888	9	9	10	41	819
D.C.....	5	(X)	(X)	(X)	-	5	Okla.....	225	5	6	4	27	183
Fla.....	330	14	18	19	21	258	Oreg.....	304	4	13	12	22	253
Ga.....	180	1	15	16	21	127	Pa.....	644	11	11	13	28	581
Hawaii.....	15	2	10	2	-	1	R.I.....	39	2	13	(X)	-	24
Idaho.....	117	-	10	4	16	87	S.C.....	122	-	9	9	8	96
Ill.....	569	10	26	136	30	367	S. Dak.....	128	1	9	5	12	101
Ind.....	208	4	11	3	2	188	Tenn.....	162	1	4	69	4	84
Iowa.....	535	3	15	25	32	460	Tex.....	604	8	12	23	41	520
Kans.....	198	1	14	17	12	154	Utah.....	85	-	4	2	5	74
Ky.....	284	2	9	22	28	223	Vt.....	115	-	34	(X)	2	79
La.....	193	-	2	19	23	149	Va.....	182	-	9	7	9	157
Maine.....	241	-	34	2	10	195	Wash.....	273	4	27	8	28	206
Md.....	154	5	28	23	13	85	W. Va.....	175	-	9	11	14	141
Mass.....	193	3	15	5	33	137	Wis.....	140	5	13	122	(NA)	(NA)
Mich.....	2,344	9	12	87	131	2,105	Wyo.....	59	-	16	5	2	36
Minn.....	441	4	18	19	34	366							

- Represents zero. NA Not available. X Not applicable. <sup>1</sup> Covers all major State appellate courts and trial courts. <sup>2</sup> Percent of all officeholders. <sup>3</sup> Based on estimated total officeholders.

Source: Center for the American Woman and Politics, The Eagleton Institute of Politics, Rutgers University, New Brunswick, New Jersey; *National Information Bank on Women in Public Office*.

**NO. 851. 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 (1,000)	VOTES CAST				YEAR	Resident population (incl. aliens) of voting age (1,000)	VOTES CAST			
		For President <sup>2</sup> (1,000)	Percent of voting age population	For U.S. Representatives <sup>2</sup> (1,000)	Percent of voting age population			For President <sup>2</sup> (1,000)	Percent of voting age population	For U.S. Representatives <sup>2</sup> (1,000)	Percent of voting age population
1932.....	75,768	39,732	52.4	37,657	49.7	1956.....	104,515	62,027	59.3	58,426	55.9
1934.....	77,997	(X)	(X)	32,256	41.4	1958.....	106,447	(X)	(X)	45,818	43.0
1936.....	80,174	45,643	56.9	42,886	53.5	1960.....	109,672	68,838	62.8	64,133	58.5
1938.....	82,354	(X)	(X)	36,236	44.0	1962.....	112,952	(X)	(X)	51,267	45.4
1940.....	84,728	49,900	58.9	46,951	55.4	1964.....	114,090	70,645	61.9	65,895	57.8
1942.....	86,465	(X)	(X)	28,074	32.5	1966.....	116,838	(X)	(X)	52,908	45.4
1944.....	85,654	47,977	56.0	45,103	52.7	1968.....	120,285	73,212	60.9	66,288	55.1
1946.....	92,659	(X)	(X)	34,398	37.1	1970.....	124,498	(X)	(X)	54,173	43.5
1948.....	95,573	48,794	51.1	45,933	48.1	1972.....	140,068	77,719	55.5	71,430	51.0
1950.....	98,134	(X)	(X)	40,342	41.1	1974.....	145,035	(X)	(X)	52,495	36.2
1952.....	99,929	61,551	61.6	57,571	57.6	1976.....	150,127	81,556	54.3	74,422	49.6
1954.....	102,075	(X)	(X)	42,580	41.7	1978.....	155,712	(X)	(X)	54,693	35.1
						1980.....	160,491	<sup>a</sup> 84,263	52.5	<sup>a</sup> 72,796	45.4

X Not applicable. <sup>1</sup> 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. <sup>2</sup> Source: 1960-1978, Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright) and 1980, Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, Vol. 38, No. 45, Nov. 8, 1980 (copyright). <sup>3</sup> Based on unofficial returns. Votes for President cover votes for Democratic, Republican, Independent, Libertarian, and Citizens Parties.

Source: Except as noted, U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 879; and, through 1959, U.S. Congress, Clerk of the House, *Statistics of the Presidential and Congressional Election*.

## NO. 852. ESTIMATED RESIDENT POPULATION OF VOTING AGE—STATES: 1960 TO 1980

[In thousands. As of November. Includes Armed Forces stationed in each State, aliens, and institutional population]

STATE	1960 <sup>1</sup>		1964 <sup>1</sup>	1968 <sup>1</sup>	1970 <sup>1</sup>		1972 <sup>2</sup>	1976 <sup>2</sup>		1980 <sup>2</sup>	
	Total	Black			Total	Black		Total	Black <sup>3</sup>	Total	Black
U.S.....	109,672	10,098	114,090	120,285	124,498	11,935	140,068	150,127	15,398	160,491	16,967
Alabama.....	1,850	480	1,819	1,993	2,042	452	2,314	2,506	550	2,702	609
Alaska.....	139	4	153	166	178	6	197	256	(s)	257	(s)
Arizona.....	760	23	878	975	1,056	26	1,295	1,527	33	1,779	48
Arkansas.....	1,049	191	1,108	1,143	1,180	174	1,354	1,471	217	1,562	217
California.....	9,895	420	10,789	11,771	12,376	760	13,969	15,326	1,079	16,956	1,230
Colorado.....	1,056	23	1,142	1,251	1,328	36	1,586	1,792	54	2,050	70
Connecticut.....	1,608	61	1,724	1,826	1,886	94	2,089	2,213	115	2,321	125
Delaware.....	272	34	292	314	326	40	378	404	55	420	58
District of Columbia.....	513	245	513	495	483	314	530	507	348	475	316
Florida.....	3,176	468	3,623	4,124	4,451	529	5,242	6,116	671	6,876	794
Georgia.....	2,507	614	2,634	2,851	2,985	677	3,098	3,391	800	3,629	867
Hawaii.....	371	3	404	439	473	5	536	605	(s)	657	(s)
Idaho.....	377	1	379	397	416	1	491	559	(s)	634	(s)
Illinois.....	6,298	584	6,422	6,667	6,795	747	7,532	7,791	953	8,046	1,028
Indiana.....	2,799	149	2,845	3,003	3,104	185	3,496	3,653	242	3,849	269
Iowa.....	1,666	14	1,625	1,673	1,712	16	1,936	2,007	26	2,093	29
Kansas.....	1,334	51	1,318	1,346	1,380	56	1,553	1,639	68	1,756	76
Kentucky.....	1,950	134	1,964	2,063	2,136	140	2,204	2,376	160	2,532	174
Louisiana.....	1,813	512	1,894	2,002	2,058	534	2,373	2,567	668	2,780	759
Maine.....	588	2	585	592	601	1	683	743	(s)	790	(s)
Maryland.....	1,867	284	2,065	2,271	2,372	372	2,690	2,885	523	3,039	610
Massachusetts.....	3,266	66	3,349	3,459	3,538	92	3,968	4,133	146	4,298	153
Michigan.....	4,598	402	4,719	5,032	5,200	530	5,868	6,220	709	6,557	770
Minnesota.....	2,017	12	2,050	2,154	2,248	18	2,546	2,730	24	2,957	30
Mississippi.....	1,177	418	1,207	1,229	1,253	379	1,435	1,554	471	1,650	515
Missouri.....	2,706	220	2,709	2,813	2,913	254	3,228	3,386	311	3,569	385
Montana.....	395	1	402	403	410	1	469	516	(s)	560	(s)
Nebraska.....	868	16	879	881	906	20	1,030	1,084	32	1,138	33
Nevada.....	184	8	260	264	303	14	357	425	24	533	31
New Hampshire.....	376	1	398	427	452	1	520	578	(s)	657	(s)
New Jersey.....	3,919	302	4,142	4,358	4,507	412	4,997	5,187	555	5,398	615
New Mexico.....	504	9	530	539	561	9	671	767	14	869	15
New York.....	10,965	890	11,324	11,450	11,543	1,229	12,663	12,863	1,622	12,900	1,648
North Carolina.....	2,585	537	2,723	2,921	3,043	569	3,496	3,805	722	4,055	796
North Dakota.....	357	1	362	354	360	1	413	442	(s)	469	(s)
Ohio.....	5,888	446	5,962	6,252	6,419	525	7,123	7,420	664	7,701	724
Oklahoma.....	1,431	82	1,471	1,540	1,605	88	1,809	1,963	129	2,131	139
Oregon.....	1,079	10	1,141	1,231	1,308	14	1,503	1,658	18	1,909	25
Pennsylvania.....	7,122	496	7,100	7,273	7,412	567	8,193	8,455	688	8,652	727
Rhode Island.....	540	10	545	573	596	13	671	669	18	687	20
South Carolina.....	1,272	371	1,333	1,427	1,487	377	1,748	1,923	504	2,069	573
South Dakota.....	395	1	395	384	389	1	447	471	(s)	485	(s)
Tennessee.....	2,110	313	2,212	2,325	2,410	323	2,758	2,974	406	3,205	450
Texas.....	5,605	644	5,889	6,327	6,658	735	7,655	8,603	985	9,648	1,132
Utah.....	479	2	512	551	583	3	699	780	(s)	901	(s)
Vermont.....	231	(2)	232	252	265	(2)	306	330	(s)	359	(s)
Virginia.....	2,349	434	2,539	2,717	2,823	458	3,202	3,556	580	3,817	665
Washington.....	1,727	27	1,754	1,975	2,078	38	2,306	2,546	47	2,787	67
West Virginia.....	1,075	48	1,049	1,061	1,077	37	1,221	1,293	43	1,357	42
Wisconsin.....	2,372	39	2,434	2,543	2,615	60	2,991	3,193	85	3,446	95
Wyoming.....	192	1	192	190	198	1	229	269	(s)	335	(s)

S Data not shown where fewer than 10,000 Black population (all ages) living in the State. Z Fewer than 500.  
<sup>1</sup> Population age 21 and over, except as noted. <sup>2</sup> Population age 18 and over. <sup>3</sup> Data are unrevised and not consistent with total population shown. <sup>4</sup> Population age 19 and over. <sup>5</sup> Population age 20 and over.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, Nos. 626, 732, and 879.

## NO. 853. PERCENT OF VOTING-AGE POPULATION CASTING VOTES—STATES: 1960 TO 1980

[As of November. For total resident voting-age population, see table 852. 1980 comprises votes for Democratic and Republican candidates and John Anderson; data are unofficial]

STATE	PERCENT CASTING VOTES FOR PRESIDENTIAL ELECTORS						PERCENT CASTING VOTES FOR U.S. REPRESENTATIVES							
	1960	1964	1968	1972	1976	1980	1960	1964	1968	1972	1974	1976	1978	1980
U.S.	62.8	61.9	60.9	55.5	54.3	51.8	58.5	57.8	55.1	51.0	36.2	49.6	35.1	45.4
Ala.	30.8	35.9	52.7	49.4	47.2	47.5	23.7	32.2	48.1	42.0	23.4	39.3	24.6	32.6
Alaska	43.7	44.0	50.0	48.3	48.3	41.2	42.5	43.9	48.4	48.4	45.0	46.2	47.3	45.9
Ariz.	52.4	54.8	49.9	48.1	48.6	47.3	49.6	52.5	47.6	45.9	37.7	47.7	31.4	47.3
Ark. <sup>3</sup>	40.9	50.6	54.2	48.1	52.2	52.6	6.6	11.7	26.1	13.8	29.8	22.9	19.2	12.8
Calif.	65.8	65.4	61.6	59.9	51.3	48.5	62.6	63.2	59.5	58.1	39.9	48.6	40.3	47.1
Colo.	69.2	68.0	64.8	60.1	60.4	56.1	67.7	66.3	62.4	57.6	45.5	57.0	40.7	56.0
Conn.	76.1	70.7	68.8	66.3	62.4	59.4	75.8	70.1	66.1	64.7	50.2	60.9	44.8	56.7
Del.	72.3	68.9	68.3	62.3	58.4	56.0	71.5	68.0	64.0	59.8	41.1	53.2	38.1	51.7
D.C.	(X)	(X)	38.7	34.5	30.8	33.3	33.9	(X)	(X)	(X)	30.1	20.2	31.6	19.5
Fla. <sup>3</sup>	48.6	51.2	53.1	49.3	51.5	50.6	39.3	39.1	42.9	36.9	18.1	34.1	24.9	42.6
Ga.	29.3	43.3	43.9	37.9	43.3	42.3	22.9	31.7	33.1	28.8	25.3	37.0	16.7	31.5
Hawaii	49.8	51.3	53.8	50.4	48.1	45.4	49.2	56.8	55.4	51.3	45.2	48.5	40.1	42.8
Idaho	79.7	77.2	73.4	63.2	61.6	67.4	77.0	75.1	69.7	61.4	47.4	61.2	47.5	65.5
Ill.	75.5	73.2	69.3	62.7	60.6	57.6	73.1	71.2	66.3	58.2	37.3	56.0	38.3	54.3
Ind.	76.3	73.5	70.7	60.8	60.8	56.5	75.9	72.9	67.9	60.4	48.4	57.6	38.4	55.8
Iowa	76.5	72.9	69.8	63.3	63.7	62.1	73.6	70.3	67.2	61.8	46.1	61.9	39.2	60.0
Kans.	69.6	65.1	64.8	59.0	58.4	54.4	65.3	61.7	60.7	56.6	49.1	55.5	39.6	52.3
Ky.	57.7	53.3	51.2	48.4	49.1	50.0	48.8	48.6	41.9	44.7	29.7	41.6	19.4	31.8
La.	44.6	47.3	54.6	44.3	49.8	55.0	28.7	31.7	28.6	22.4	39.9	4.9	5.8	5.8
Maine	71.7	65.1	66.4	61.1	65.0	64.8	69.5	63.2	64.9	60.5	49.5	63.7	48.0	64.6
Md.	56.5	54.1	54.4	50.3	49.9	48.6	52.5	49.0	44.9	45.3	31.4	45.6	31.0	44.6
Mass.	75.0	70.0	67.4	62.0	61.6	57.8	62.8	63.0	59.5	54.4	41.9	56.7	42.8	42.5
Mich.	72.2	67.9	65.7	59.5	58.7	54.7	69.8	64.8	60.5	55.8	41.5	55.2	42.2	54.2
Minn.	76.4	75.8	73.8	68.4	71.4	63.8	75.1	74.2	71.2	66.4	46.3	65.7	53.5	61.5
Miss.	25.3	33.9	53.3	45.0	49.5	53.4	21.9	29.9	36.5	41.0	20.3	41.0	32.3	39.3
Mo.	71.5	67.1	64.3	57.5	57.7	57.4	68.1	65.4	61.6	56.8	36.6	56.3	44.2	56.6
Mont.	70.2	69.3	68.1	67.7	63.7	58.8	68.9	68.8	65.4	67.2	51.5	62.2	52.0	55.9
Nebr.	70.6	66.5	60.9	56.0	56.1	54.7	66.9	63.8	59.3	55.2	42.4	55.5	44.4	54.2
Nev.	58.3	52.1	54.3	50.9	47.5	44.8	56.3	50.3	50.8	50.6	43.1	47.0	40.1	45.8
N.H.	78.7	72.4	69.6	64.2	58.8	57.8	75.7	70.2	66.2	60.5	39.8	56.3	41.5	55.3
N.J.	70.8	68.8	66.0	60.0	58.1	52.8	67.8	65.7	61.9	56.7	41.1	54.2	36.6	48.5
N. Mex.	61.7	62.0	60.7	57.6	54.6	50.4	59.8	67.8	57.5	55.7	44.1	52.3	34.8	46.0
N.Y.	66.5	63.3	59.3	56.6	50.8	45.4	64.4	59.7	53.4	52.2	38.5	46.6	34.0	41.8
N.C.	52.9	52.3	54.4	43.4	44.1	45.4	50.4	47.9	47.9	38.6	26.9	41.3	25.8	39.9
N. Dak.	78.0	71.4	70.0	67.9	67.2	56.9	71.8	68.8	67.3	65.1	55.0	65.6	48.1	61.8
Ohio	70.7	66.6	63.3	57.5	55.4	54.6	65.3	62.6	58.2	53.9	40.4	51.8	36.6	47.7
Okla. <sup>3</sup>	63.1	63.4	61.2	56.9	55.6	52.6	58.6	57.1	52.6	45.2	27.1	54.4	28.8	38.9
Oreg.	72.0	68.9	66.6	61.7	62.1	58.2	70.6	67.3	63.9	57.9	47.6	55.9	49.0	56.5
Pa.	70.3	67.9	65.3	56.1	54.7	51.7	69.6	63.7	62.9	54.5	40.6	52.4	41.3	47.8
R.I.	75.1	71.6	67.2	62.0	61.5	56.3	72.6	68.5	63.7	57.8	46.5	58.1	45.3	53.9
S.C.	30.4	39.4	46.7	38.6	41.7	42.6	25.8	32.9	44.0	36.1	28.1	40.7	28.8	39.8
S. Dak.	77.6	74.2	73.3	68.8	63.8	66.6	76.2	72.8	70.7	67.3	59.4	62.6	53.1	65.6
Tenn.	49.8	51.7	53.7	43.6	49.6	50.1	30.5	46.8	43.6	40.0	31.5	42.1	34.3	33.1
Tex.	41.2	44.6	48.7	45.4	47.3	44.7	36.4	44.4	37.9	37.7	18.4	42.6	24.0	36.0
Utah	78.2	78.4	76.7	68.5	69.4	65.4	77.1	77.3	75.5	67.7	55.7	69.7	45.1	64.4
Vt.	72.4	70.3	64.1	61.1	56.9	57.7	71.9	70.5	62.4	60.8	44.6	56.0	35.1	54.0
Va.	32.8	41.1	50.1	45.5	47.7	47.8	27.2	36.6	46.7	39.7	27.4	41.1	28.4	29.7
Wash.	71.9	71.8	66.0	63.8	61.1	50.8	65.1	68.3	61.0	56.5	40.6	56.0	35.6	48.3
W. Va.	77.9	75.5	71.1	62.4	58.1	52.4	76.3	73.4	67.1	59.1	33.5	51.1	33.4	50.2
Wis.	72.9	69.5	66.5	62.0	65.9	64.9	70.1	67.7	64.5	60.2	38.7	61.5	43.6	61.6
Wyo.	73.3	74.3	67.0	63.6	58.1	51.3	70.0	72.5	64.9	63.9	51.8	56.5	43.1	50.7

NA Not available. X Not applicable. <sup>1</sup> Excludes District of Columbia. <sup>2</sup> See footnote 3, table 836.  
<sup>3</sup> State law does not require tabulation of votes for unopposed candidates. <sup>4</sup> Based on results of 4th District only.

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. 879; votes cast from Elections Research Center, Washington, D.C., *America Votes*, biennial (copyright); and Congressional Quarterly, Inc., Washington, D.C., *Congressional Quarterly Weekly Report*, vol 38, No. 45, Nov. 8, 1980 (copyright).

## NO. 854. VOTER REGISTRATION AND PERSONS VOTING, BY STATES: 1972 TO 1978

[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 total resident voting-age population, see table 852]

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	1978	1972	1976	1978	1972	1976	1978	1972	1976	1978	1972	1976	1978
U.S.....	92,702	105,837	104,829	(x)	<sup>1</sup> 71.4	<sup>2</sup> 67.5	78,902	82,645	61,038	(x)	<sup>1</sup> 77.1	<sup>2</sup> 58.0	56.3	55.1	39.2
Ala.....	1,764	1,865	1,938	77.6	74.4	74.3	<sup>1</sup> 1,051	<sup>4</sup> 1,183	<sup>3</sup> 730	59.6	63.4	37.7	45.4	47.2	28.0
Alaska.....	149	207	238	74.5	80.9	90.8	99	128	130	66.2	61.8	54.6	50.3	50.0	49.6
Ariz.....	852	980	969	69.6	64.2	58.7	648	765	551	75.2	78.1	56.9	50.0	50.1	33.4
Ark.....	1,010	1,021	1,047	77.1	69.4	68.5	<sup>4</sup> 651	<sup>4</sup> 768	<sup>5</sup> 529	64.5	75.2	50.5	48.1	52.2	34.6
Calif.....	10,466	9,982	10,130	75.1	65.1	62.5	8,596	8,137	7,132	82.1	81.5	70.4	61.5	53.1	44.0
Colo.....	1,220	1,349	1,345	78.3	75.3	69.7	<sup>1</sup> 954	<sup>1</sup> 1,082	848	78.2	80.2	63.0	60.2	60.4	44.0
Conn.....	1,648	1,669	1,626	78.3	75.4	71.4	1,409	1,408	1,061	85.5	84.4	65.3	67.4	63.6	46.6
Del.....	293	301	278	78.9	74.5	67.0	<sup>4</sup> 236	<sup>4</sup> 236	166	80.5	78.4	59.7	62.3	58.4	40.0
D.C.....	305	268	250	58.9	52.9	50.8	166	171	103	54.3	63.8	41.2	31.3	33.7	20.9
Fla.....	3,487	4,094	4,217	68.3	66.8	64.9	<sup>1</sup> 2,583	<sup>1</sup> 3,151	2,530	74.1	77.0	60.0	49.3	51.5	39.0
Ga.....	2,043	2,302	2,183	65.8	67.9	62.0	<sup>1</sup> 1,179	<sup>4</sup> 1,467	<sup>2</sup> 663	57.7	63.7	30.4	38.1	43.3	18.8
Hawaii.....	338	363	395	63.6	60.0	62.6	287	309	293	84.8	85.1	74.2	53.5	51.1	46.4
Idaho.....	397	520	526	82.9	93.0	87.7	<sup>1</sup> 310	355	297	78.2	68.3	56.5	63.2	63.5	49.5
Ill.....	6,215	6,252	5,809	82.4	80.2	73.0	4,883	4,839	3,343	78.6	77.4	57.5	54.8	62.1	42.0
Ind.....	3,019	3,010	2,851	86.0	82.4	75.5	<sup>2</sup> 2,126	2,279	1,405	70.4	75.7	49.2	60.8	62.4	37.2
Iowa.....	( <sup>6</sup> )	1,407	1,588	(x)	70.1	76.8	<sup>1</sup> 1,226	<sup>1</sup> 1,279	<sup>5</sup> 843	(x)	90.9	53.1	63.3	63.7	40.7
Kans.....	( <sup>6</sup> )	1,113	1,182	(x)	67.9	69.3	<sup>5</sup> 922	<sup>4</sup> 958	<sup>3</sup> 749	(x)	86.1	63.4	59.4	58.4	43.9
Ky.....	1,455	1,713	1,666	65.9	72.1	67.8	<sup>1</sup> 1,067	<sup>1</sup> 1,167	<sup>3</sup> 477	73.4	68.1	28.6	48.4	49.1	19.4
La.....	1,785	1,866	1,821	76.3	72.7	67.7	<sup>1</sup> 1,122	<sup>1</sup> 1,278	<sup>7</sup> 840	62.8	68.5	46.1	47.3	49.8	31.2
Maine.....	616	696	692	92.4	93.7	89.8	<sup>3</sup> 421	<sup>3</sup> 486	<sup>3</sup> 375	68.4	69.8	54.2	61.6	65.4	48.6
Md.....	1,816	1,950	1,888	67.6	67.6	63.4	<sup>1</sup> 1,354	<sup>1</sup> 1,440	<sup>5</sup> 1,012	74.6	73.8	53.6	50.3	49.9	34.0
Mass.....	3,086	2,912	2,920	78.3	70.5	69.2	2,508	2,594	2,044	81.0	89.1	70.0	63.2	62.8	48.4
Mich.....	4,763	5,202	5,230	81.1	83.6	81.5	<sup>1</sup> 3,490	3,722	2,985	73.3	71.5	57.1	59.5	58.8	46.5
Minn.....	( <sup>6</sup> )	2,566	2,511	(x)	94.0	88.0	<sup>1</sup> 1,774	1,979	1,625	(x)	77.5	64.7	69.7	72.5	56.9
Miss.....	(NA)	( <sup>6</sup> )	<sup>1</sup> 1,150	(x)	(x)	71.5	<sup>4</sup> 646	<sup>4</sup> 769	<sup>3</sup> 584	(x)	(x)	50.8	45.0	49.5	36.3
Mo.....	( <sup>6</sup> )	2,553	2,579	(x)	75.4	73.8	<sup>1</sup> 1,866	<sup>1</sup> 1,954	<sup>1</sup> 1,546	(x)	76.5	59.9	57.8	57.7	44.2
Mont.....	387	455	410	84.1	88.2	75.4	327	339	297	84.6	74.5	72.4	69.7	65.7	54.6
Nebr.....	712	841	833	69.7	77.6	74.6	592	624	511	83.1	74.2	61.3	57.5	57.6	45.8
Nev.....	231	251	268	66.5	59.1	56.3	185	206	195	80.2	82.1	72.8	51.8	48.5	41.0
N.H.....	450	478	489	86.3	82.7	78.7	345	359	279	76.7	75.1	57.1	66.3	62.1	44.9
N.J.....	3,673	3,770	3,602	73.1	72.7	68.1	3,030	3,037	2,060	82.5	80.6	57.2	60.6	58.6	39.0
N. Mex.....	505	527	598	79.5	68.7	73.1	396	426	357	78.3	80.8	59.7	59.0	55.5	43.6
N.Y.....	9,207	8,199	7,801	72.1	63.7	60.6	7,323	6,668	4,929	79.5	81.3	63.2	57.8	51.8	38.3
N.C.....	2,358	2,554	2,430	68.1	67.1	61.5	<sup>1</sup> 1,519	<sup>1</sup> 1,679	<sup>3</sup> 1,136	64.4	65.7	46.7	43.4	44.1	28.7
N. Dak.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	(x)	(x)	(x)	289	309	235	(x)	(x)	(x)	70.0	69.9	51.4
Ohio.....	4,626	4,693	5,222	64.4	63.2	68.7	4,220	4,195	3,018	91.2	89.4	57.8	59.2	56.5	39.7
Okl.....	1,247	1,401	1,366	68.8	71.4	66.8	1,057	1,108	801	84.8	79.1	58.6	58.4	56.4	39.2
Oreg.....	1,198	1,420	1,473	79.8	85.6	82.6	953	1,049	<sup>9</sup> 911	79.6	73.9	61.8	63.4	63.3	51.1
Pa.....	5,872	5,750	5,590	72.0	68.0	65.1	<sup>1</sup> 4,592	<sup>1</sup> 4,621	<sup>5</sup> 3,742	78.2	80.4	66.9	56.1	54.7	43.6
R.I.....	532	545	534	79.0	81.5	78.5	<sup>4</sup> 416	<sup>4</sup> 411	<sup>3</sup> 332	78.2	75.4	62.2	62.0	61.5	48.8
S.C.....	1,034	1,113	1,098	60.6	57.9	54.9	<sup>4</sup> 674	<sup>4</sup> 803	<sup>3</sup> 633	65.5	72.1	57.5	38.6	41.7	31.6
S. Dak.....	392	426	421	90.4	90.4	87.3	<sup>5</sup> 308	<sup>4</sup> 301	<sup>5</sup> 260	78.6	70.7	61.8	68.9	63.8	53.9
Tenn.....	1,990	1,912	2,138	73.4	64.3	69.1	<sup>1</sup> 1,201	<sup>1</sup> 1,476	<sup>1</sup> 1,190	60.4	77.2	55.7	43.6	49.6	38.5
Texas.....	<sup>1</sup> 5,500	6,319	5,682	71.6	73.5	62.5	<sup>1</sup> 3,471	<sup>4</sup> 4,072	<sup>5</sup> 2,370	63.1	64.4	41.7	45.4	47.3	26.1
Utah.....	621	705	667	90.1	90.4	79.3	480	548	385	77.7	77.7	57.7	68.7	70.3	45.8
Va.....	273	284	286	88.4	86.1	82.9	194	194	125	71.1	68.3	43.7	63.4	58.8	36.2
Vt.....	2,107	2,124	2,027	65.9	59.7	54.5	<sup>1</sup> 1,457	1,716	1,251	69.1	80.8	61.7	45.5	48.3	33.6
Wash.....	1,975	2,065	1,961	83.3	81.1	71.3	1,520	1,585	1,029	77.0	76.8	52.5	65.9	62.3	37.4
W. Va.....	1,063	1,084	1,021	89.9	83.8	76.9	<sup>4</sup> 774	<sup>4</sup> 751	493	72.9	69.3	48.2	63.4	58.1	37.2
Wis.....	( <sup>6</sup> )	2,566	1,682	(x)	80.4	50.5	<sup>1</sup> 1,853	<sup>1</sup> 2,104	<sup>5</sup> 1,501	(x)	82.0	89.2	62.0	65.9	45.1
Wyo.....	(NA)	195	201	(x)	72.5	67.2	152	160	142	(x)	82.1	70.6	66.4	59.5	47.5

NA Not available. X Not applicable. <sup>1</sup> Excludes Miss. and N. Dak. <sup>2</sup> Excludes N. Dak. <sup>3</sup> Total vote for largest race, Senator. <sup>4</sup> Total vote for largest race, President. <sup>5</sup> Total vote for largest race, Governor. <sup>6</sup> No required statewide registration; excluded from totals for persons registered. <sup>7</sup> Total vote for open senatorial primary. <sup>8</sup> Estimated. <sup>9</sup> Total vote for largest race, State auditor.

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



## NO. 855. ESTIMATED POPULATION OF VOTING AGE, BY AGE—STATES: 1980

[In thousands. As of November. See headnote, table 952]

STATE	Total	18-24 yr.	25-44 yr.	45-64 yr.	65 and over	PERCENT		STATE	Total	18- 24 yr.	25- 44 yr.	45- 64 yr.	65 and over	PERCENT	
						18- 24 yr.	65 and over							18- 24 yr.	65 and over
<b>U.S.</b>	<b>160,491</b>	<b>29,227</b>	<b>62,280</b>	<b>43,910</b>	<b>25,074</b>	<b>18.2</b>	<b>15.6</b>	Miss	1,650	313	631	426	280	19.0	17.0
Ala.	2,702	490	1,046	736	430	18.1	15.9	Mo.	3,569	643	1,340	951	636	18.0	17.8
Alaska	257	63	126	57	11	24.5	4.3	Mont.	580	104	215	158	84	18.6	15.0
Ariz.	1,779	329	673	469	308	18.5	17.3	Nebr.	1,138	212	421	301	204	18.6	17.9
Ark.	1,562	257	580	420	305	16.5	19.5	Nev.	533	101	210	156	66	18.9	12.4
Calif.	16,956	3,140	6,809	4,636	2,372	18.5	14.0	N.H.	657	117	264	176	100	17.8	15.2
Colo.	2,050	420	871	514	245	20.5	12.0	N.J.	5,398	886	2,037	1,619	856	16.4	15.9
Conn.	2,321	400	894	654	363	17.2	15.6	N. Mex.	869	182	339	234	114	20.9	13.1
Del.	420	83	167	112	58	19.8	13.8	N.Y.	12,900	2,172	4,852	3,766	2,110	16.8	16.4
D.C.	475	99	186	117	72	20.8	15.2	N.C.	4,055	746	1,627	1,093	589	18.4	14.5
Fla.	6,876	1,066	2,247	1,880	1,683	15.5	24.5	N. Dak.	469	92	166	130	81	19.6	17.3
Ga.	3,629	702	1,505	920	502	19.3	13.8	Ohio	7,701	1,419	3,009	2,124	1,149	18.4	14.9
Hawaii	657	146	261	176	74	22.2	11.3	Okla.	2,131	376	811	577	367	17.6	17.2
Idaho	634	118	250	172	94	18.8	14.8	Oreg.	1,909	324	766	517	302	17.0	15.8
Ill.	8,046	1,461	3,122	2,221	1,222	18.4	15.2	Pa.	8,652	1,418	3,141	2,566	1,506	16.4	17.4
Ind.	3,849	715	1,522	1,038	573	18.6	14.9	R.I.	687	122	247	193	125	17.6	18.2
Iowa	2,093	364	773	575	381	17.4	18.2	S.C.	2,069	407	844	540	279	19.7	13.5
Kans.	1,756	328	653	472	303	18.7	17.3	S. Dak.	485	81	166	138	91	16.8	18.8
Ky.	2,532	462	991	684	396	18.2	15.6	Tenn.	3,205	551	1,275	875	503	17.2	15.7
La.	2,780	557	1,110	729	384	20.0	13.8	Tex.	9,648	1,867	3,808	2,541	1,333	19.4	13.8
Maine	790	139	290	224	137	17.6	17.3	Utah	901	206	356	220	109	22.9	12.1
Md.	3,039	584	1,247	821	387	19.2	12.7	Vt.	359	67	146	89	56	18.7	15.6
Mass.	4,298	791	1,617	1,174	715	18.4	16.6	Va.	3,817	755	1,539	1,016	496	20.0	13.0
Mich.	6,557	1,263	2,657	1,738	898	19.3	13.7	Wash.	2,976	586	1,228	771	427	18.5	14.0
Minn.	2,957	568	1,170	745	473	19.2	16.0	W. Va.	1,357	216	513	407	227	15.5	16.7
								Wis.	3,446	652	1,318	914	562	18.9	16.3
								Wyo.	335	65	135	99	37	19.4	11.0

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-25, No. 879.

## NO. 856. VOTING-AGE POPULATION, AND PERCENT REPORTING REGISTERED AND VOTED: 1968 TO 1978

[See headnote, table 857]

CHARACTERIS- TIC	VOTING-AGE POPULATION (mil.)					PERCENT REPORTING THEY REGISTERED					PERCENT REPORTING THEY VOTED				
	1968	1972	1974	1976	1978	1968	1972	1974	1976	1978	1968	1972	1974	1976	1978
<b>Total</b>	<b>116.5</b>	<b>136.2</b>	<b>141.3</b>	<b>146.5</b>	<b>151.6</b>	<b>74.3</b>	<b>72.3</b>	<b>62.2</b>	<b>66.7</b>	<b>62.6</b>	<b>67.8</b>	<b>63.0</b>	<b>44.7</b>	<b>59.2</b>	<b>45.9</b>
White	104.5	121.2	125.1	129.3	133.4	75.4	73.4	63.5	68.3	63.8	69.1	64.5	46.3	60.9	47.3
Black	10.9	13.5	14.2	14.9	15.6	66.2	65.5	54.9	58.5	57.1	57.6	52.1	33.8	48.7	37.2
Spanish origin <sup>1</sup>	(NA)	5.6	6.1	6.6	6.8	(NA)	44.4	34.9	37.8	32.9	(NA)	37.4	22.9	31.8	23.5
Male	54.5	63.8	66.4	69.0	71.5	76.0	73.1	62.8	67.1	62.6	69.8	64.1	46.2	59.6	46.6
Female	62.1	72.4	74.9	77.6	80.2	72.8	71.6	61.7	66.4	62.6	68.0	62.0	43.4	58.8	45.3
North and West <sup>2</sup>	81.6	93.7	96.5	99.4	102.9	76.5	73.9	63.3	67.7	63.8	71.0	66.4	48.8	61.2	48.9
South <sup>2</sup>	34.9	42.6	44.8	47.1	48.8	69.2	68.7	59.8	64.6	60.1	60.1	55.4	36.0	54.9	39.6
Metropolitan <sup>3</sup>	75.8	99.2	101.3	99.6	103.1	73.4	72.5	61.2	65.7	61.3	68.0	64.3	44.7	58.2	46.0
In central cities	35.6	42.4	43.9	43.1	43.7	71.5	70.9	59.5	63.3	59.2	65.6	62.2	42.6	56.6	44.2
Outside central cities	40.1	56.9	57.4	56.5	59.4	75.0	73.8	62.6	67.6	62.8	70.1	65.9	46.3	61.2	47.4
Nonmetropoli- tan	40.8	37.0	40.0	47.0	48.6	76.0	71.7	64.7	68.8	65.3	67.3	59.4	44.7	59.1	45.6
18-20 yr.	.4	11.0	11.6	12.1	12.2	44.2	58.1	36.4	47.1	34.7	33.3	48.3	20.8	38.0	20.1
21-24 yr.	11.2	13.6	14.1	14.8	15.5	56.4	59.5	45.3	54.8	45.1	51.1	50.7	26.4	45.6	26.2
25-44 yr.	46.1	49.1	51.7	54.3	57.5	72.4	71.3	59.9	65.5	60.2	66.6	62.7	42.2	58.7	43.1
45-64 yr.	40.4	42.3	43.0	43.3	43.4	81.1	79.7	73.6	75.5	74.3	74.9	70.8	56.9	68.7	58.5
65 yr. and over	18.5	20.1	21.0	22.0	23.0	75.6	75.6	70.2	71.4	72.8	65.8	63.5	51.4	62.2	55.9
Employed	70.0	80.2	83.1	86.0	93.2	76.6	74.3	63.8	68.8	63.0	71.1	66.0	46.8	62.0	46.7
Unemployed	1.9	3.7	5.0	6.4	4.9	60.3	58.7	44.4	52.1	44.1	52.1	49.9	28.8	43.7	27.4
Not in labor force	44.7	52.3	53.2	54.1	53.5	71.3	70.3	61.3	65.2	63.4	63.2	59.3	43.0	56.5	46.2

NA Not available. <sup>1</sup> Persons of Spanish origin may be of any race. <sup>2</sup> See fig. 1, inside front cover. <sup>3</sup> Standard metropolitan statistical areas as defined in 1960 census publications for 1968 and in 1970 census publications for 1972-1978.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 344, and earlier reports.

# NO. 857. PARTICIPATION IN NATIONAL ELECTIONS, 1964 TO 1978, AND BY POPULATION CHARACTERISTICS, 1978

[As of November. Covers civilian noninstitutional population 18 years old and over, except 1964-1968, 21 years old and over (see also footnote 1, table 851). Includes aliens. Figures are based on Current Population Survey (see text, p. 1, and Appendix III) and differ from those in tables 851 and 853 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.)	Per cent	Total (mil.)	Per cent	Total <sup>1</sup> (mil.)	Registered (mil.)	Not registered <sup>1</sup>		Percent unable to register	Percent not a citizen
								Number (mil.)	Per cent		
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
Total citizens.....	142.2	97.8	68.8	86.7	61.0	55.5	11.1	44.4	31.2	5.9	(x)
Less than 1 year's residence.....	23.9	12.9	53.7	10.6	44.4	13.3	2.2	11.1	46.3	(NA)	(NA)
1978, total <sup>2</sup> .....	151.6	94.9	62.6	69.6	45.9	82.1	25.3	56.8	37.4	8.0	3.5
Male.....	71.5	44.8	62.6	33.3	46.6	38.2	11.5	26.7	37.4	7.8	3.3
Female.....	80.2	50.1	62.5	36.3	45.3	43.9	13.8	30.1	37.5	8.2	3.8
White.....	133.4	85.1	63.8	63.1	47.3	70.3	22.0	48.3	36.2	8.0	3.0
Black.....	15.6	8.9	57.1	5.8	37.2	9.8	3.1	6.7	43.0	8.1	2.6
Spanish origin <sup>3</sup> .....	6.8	2.2	32.9	1.6	23.5	5.2	.6	4.6	67.1	6.9	31.5
18-20 yr. old.....	12.2	4.2	34.7	2.4	20.1	9.7	1.8	7.9	65.3	(NA)	3.3
21-24 yr. old.....	15.5	7.0	45.1	4.1	26.2	11.4	2.9	8.5	54.9	(NA)	4.3
25-34 yr. old.....	33.4	18.5	55.5	12.7	38.0	20.7	5.8	14.8	44.5	11.0	4.8
35-44 yr. old.....	24.2	16.1	66.7	12.1	50.1	12.1	4.0	8.0	33.3	6.3	4.6
45-64 yr. old.....	43.4	32.3	74.3	25.4	58.5	18.0	6.8	11.2	25.7	4.8	2.4
65 yr. and over.....	23.0	16.8	72.8	12.9	55.9	10.1	3.9	6.3	27.2	6.6	2.4
Median age <sup>4</sup> (yr.).....	41.1	46.0	(x)	47.7	(x)	34.6	40.2	33.0	(x)	(x)	(x)
North and West <sup>5</sup> .....	102.9	65.6	63.8	50.3	48.9	52.6	15.3	37.3	36.2	(NA)	4.0
South <sup>5</sup> .....	48.8	29.3	60.1	19.3	39.6	29.5	10.0	19.5	39.9	(NA)	2.5
Metropolitan <sup>6</sup> .....	103.1	63.2	61.3	47.5	46.0	55.6	15.7	39.9	38.7	(NA)	4.7
In central cities.....	43.7	25.9	59.2	19.3	44.2	24.4	6.6	17.8	40.8	(NA)	9.8
Outside central cities.....	59.4	37.3	62.8	28.2	47.4	31.2	9.1	22.1	37.2	(NA)	3.7
Nonmetropolitan.....	48.6	31.7	65.3	22.1	45.6	26.4	9.6	16.9	34.7	(NA)	1.0
School years completed:											
8 yr. or less.....	23.6	12.6	53.2	8.2	34.6	15.4	4.4	11.1	46.8	(NA)	8.3
9-11 yr.....	22.3	11.8	52.9	7.8	35.1	14.4	4.0	10.5	47.1	(NA)	2.7
12 yr.....	58.4	36.2	62.0	26.5	45.3	32.0	9.7	22.2	38.0	(NA)	2.3
More than 12 yr.....	47.3	34.3	72.6	27.1	57.3	20.2	7.2	13.0	27.4	(NA)	3.0
Employed.....	93.2	58.8	63.0	43.5	46.7	49.7	15.3	34.5	37.0	(NA)	3.4
Unemployed.....	4.9	2.2	44.1	1.4	27.4	3.6	.8	2.8	55.9	(NA)	5.0
Not in labor force.....	53.5	33.9	63.4	24.7	46.2	28.8	9.2	19.6	36.6	(NA)	3.6
Owner occupied <sup>7</sup> .....	43.0	32.3	75.3	25.1	58.5	17.8	7.2	10.6	24.7	(NA)	1.7
Renter occupied <sup>7</sup> .....	14.9	6.6	44.3	4.2	28.0	10.7	2.4	8.3	55.7	(NA)	7.4

NA Not available. X Not applicable. <sup>1</sup> Includes those not known and not reported. <sup>2</sup> Includes characteristics not shown separately. <sup>3</sup> Persons of Spanish origin may be of any race. <sup>4</sup> For definition of median, see Guide to Tabular Presentation. <sup>5</sup> See fig. 1, inside front cover. <sup>6</sup> Standard metropolitan statistical areas as defined in 1970 census publications. <sup>7</sup> Covers heads of primary families only; see text, p. 4.

Source: U.S. Bureau of the Census, *Current Population Reports*, series P-20, No. 344, and earlier reports.

## NO. 858. ELECTION CAMPAIGN COSTS FOR NATIONAL OFFICES: 1972

[Includes some prenomination expenditures. Data are provided by the U.S. General Accounting Office, Office of Federal Elections (O.F.E.), created to administer the Federal Elections Campaign Act of 1971, effective as of April 7, 1972. In 1972, 1,785 committees which contributed in some way, but not exclusively to a Presidential candidate, filed reports with the O.F.E. Labor, business, professional, and ideological committees spent 8.0 million dollars. Except for congressional spending, all other figures are from the O.F.E.]

ITEM	Total	PRESIDENTIAL AND PARTY			Congressional
		Total	Democratic committees	Republican committees	Third party committees
Campaign costs (mil. dol.).....	225.2	137.3	66.8	69.3	1.2
Percent distribution.....	100.0	61.0	29.7	30.8	.5

Source: Citizens' Research Foundation, Princeton, N.J., unpublished data.

**NO. 859. 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	Democrat	Republican	Other <sup>1</sup>	Total	Democrat	Republican	Total	Democrat	Republican	Other <sup>1</sup>
<b>Receipts, total</b> .....	<b>114.0</b>	<b>61.7</b>	<b>50.2</b>	<b>2.0</b>	<b>67.9</b>	<b>39.6</b>	<b>28.3</b>	<b>46.1</b>	<b>22.1</b>	<b>22.0</b>	<b>2.0</b>
Private funds <sup>2</sup> .....	46.1	25.4	18.7	2.0	43.6	25.1	18.5	2.5	.3	.2	2.0
U.S. Treasury funds <sup>3</sup> .....	67.9	36.3	31.6	-	24.3	14.5	9.7	43.6	21.8	21.8	-
<b>Expenditures, total</b> .....	<b>112.8</b>	<b>62.9</b>	<b>48.0</b>	<b>2.0</b>	<b>66.9</b>	<b>40.7</b>	<b>26.2</b>	<b>45.9</b>	<b>22.2</b>	<b>21.8</b>	<b>2.0</b>

- Represents zero. <sup>1</sup> 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. <sup>2</sup> Covers contributions, outstanding loans, interest, and miscellaneous income. <sup>3</sup> 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. 860. CONGRESSIONAL CAMPAIGN FINANCES—ADJUSTED RECEIPTS AND EXPENDITURES: 1975 TO 1978**

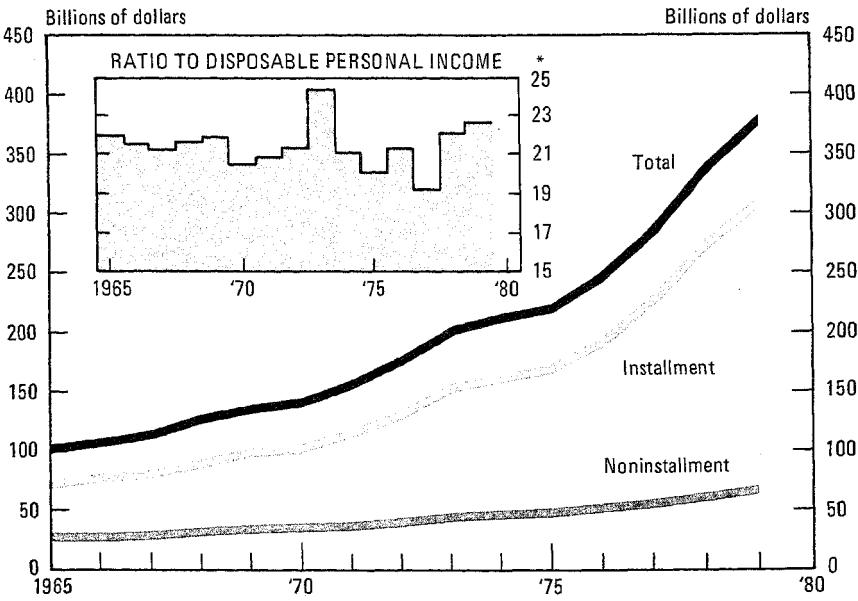
[Covers all campaign finance activity during 2 year calendar period indicated for primaries and general elections. For 1975-1976, relates to 860 candidates for House of Representatives who received 5 percent or more of the votes in the General Election and to 64 candidates for the Senate; and for 1977-1978, to 1,909 candidates for House of Representatives and Senate. 1975-1976 data adjusted to exclude refunds, rebates, returned contributions, loan repayments, treasury notes, and certificates of deposits which were bought and redeemed]

ITEM	HOUSE				SENATE			
	1975-1976		1977-1978		1975-1976		1977-1978	
	Amount (mil. dol.)	Percent distribution	Amount (mil. dol.)	Percent distribution	Amount (mil. dol.)	Percent distribution	Amount (mil. dol.)	Percent distribution
<b>Total receipts</b> .....	<b>65.7</b>	<b>100.0</b>	<b>113.9</b>	<b>100.0</b>	<b>39.1</b>	<b>100.0</b>	<b>85.5</b>	<b>100.0</b>
Contributions:								
Less than \$101 .....	23.7	36.0	(NA)	(NA)	11.1	28.3	(NA)	(NA)
\$101-\$499 .....	7.5	11.5	11.1	9.7	5.2	13.4	8.5	10.0
\$500 and over .....	7.3	11.1	14.6	12.8	10.6	27.1	18.3	21.4
Candidate .....	2.4	3.6	(NA)	(NA)	.9	2.3	(NA)	(NA)
Party committee .....	5.1	7.8	5.0	4.4	1.4	3.6	1.2	1.5
Non-party committee .....	14.7	22.4	24.4	21.5	5.8	14.8	9.7	11.3
Loans outstanding:								
Candidate .....	<sup>1</sup> 4.1	<sup>1</sup> 6.2	(NA)	(NA)	<sup>1</sup> 3.7	<sup>1</sup> 9.4	(NA)	(NA)
Other .....	1.6	1.9			1.1	1.2		
Other receipts .....	.3	.5			.4	.9		
Democrats .....	35.1	53.3	63.7	56.0	19.5	50.0	42.6	49.9
Republicans .....	30.2	46.0	49.4	43.3	18.8	48.0	42.4	49.5
Others .....	.5	.7	.8	.6	.8	2.0	.5	.6
Incumbents .....	35.1	53.4	46.6	40.9	16.3	42.0	30.0	35.1
Challengers .....	18.4	27.9	32.1	28.2	10.6	27.0	30.1	35.2
Open seats <sup>2</sup> .....	12.3	18.7	35.2	30.9	12.3	31.0	25.4	29.7
Winners .....	42.5	64.6	(NA)	(NA)	21.1	53.8	(NA)	(NA)
Losers .....	23.3	35.4			18.1	46.2		
<b>Total expenditures</b> .....	<b>60.9</b>	<b>100.0</b>	<b>109.7</b>	<b>100.0</b>	<b>38.1</b>	<b>100.0</b>	<b>85.2</b>	<b>100.0</b>
Democrats .....	32.4	53.1	61.3	55.9	18.8	49.0	42.1	49.4
Republicans .....	28.1	46.1	47.6	43.4	18.5	49.0	42.6	50.0
Other .....	.5	.8	.8	.7	.8	2.0	.5	.6
Incumbents .....	30.7	50.2	43.1	39.3	15.6	41.0	30.2	35.4
Challengers .....	18.1	30.0	31.9	29.0	10.4	27.0	30.1	35.3
Open seats <sup>2</sup> .....	12.1	19.8	34.7	31.7	12.1	32.0	24.9	29.3
Winners .....	38.1	62.4	(NA)	(NA)	20.3	53.4	(NA)	(NA)
Losers .....	22.9	37.6			17.8	46.6		

NA Not available. <sup>1</sup> As of Dec. 31, 1976. <sup>2</sup> Elections in which an incumbent was not a candidate.

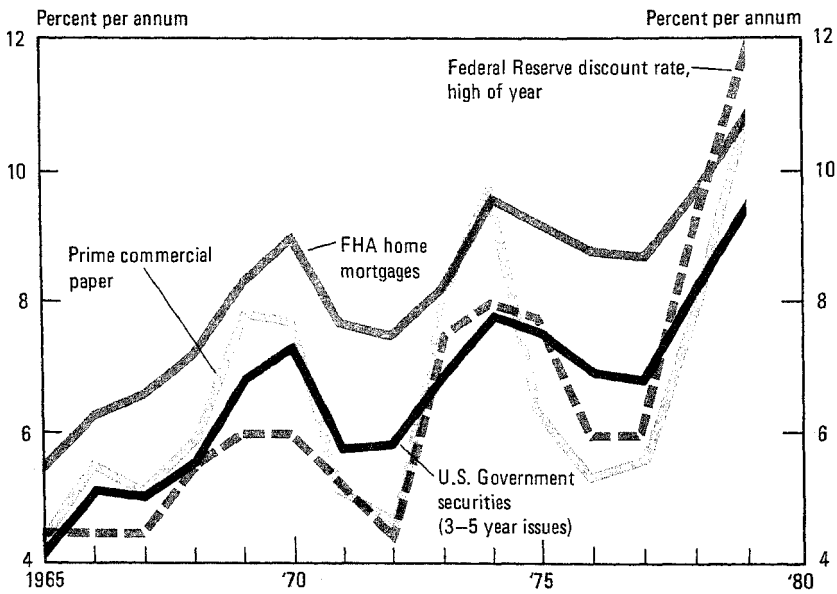
Source: U.S. Federal Election Commission, 1975-1976, FEC Disclosure Series, No. 6: 1976 Senatorial Campaigns Receipts and Expenditures, and No. 9: 1976 House of Representatives Campaigns Receipts and Expenditures, 1977; 1977-1978, Reports on Financial Activity, 1977-78, Interim Report No. 5, U.S. Senate and House Campaigns, June 1979.

Figure 17.1  
**Consumer Credit: 1965 to 1979**



\*Percent.  
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 894.

Figure 17.2  
**Money Market Rates: 1965 to 1979**



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 903 and 907.

# 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 861 to 867) 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. Five 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, 1949-1978*, *Assets and Liabilities Outstanding, 1969-1979*, and *Annual Statistical Digest*; and concepts and organization of the accounts, in *Introduction to Flow of Funds* (February 1975).

**Banking system.**—Banks in this country are organized under the laws of both the States and the Federal Government. 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 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 semiannually in *Assets and Liabilities—Commercial and Mutual Savings Banks*, a joint publication of the FDIC, the Board of Governors of the Federal Reserve System, and the Comptroller of the Currency. 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 loans. Sta-

tistics 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.

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 slightly 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 United 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 Commission's *Statistical Bulletin*.

**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 are included with life insurance; 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. 861. FLOW OF FUNDS ACCOUNTS—FINANCIAL ASSETS AND LIABILITIES OF FINANCIAL AND NONFINANCIAL INSTITUTIONS, BY SECTOR AND TYPE OF INSTRUMENT: 1979

[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		PRIVATE DOMESTIC NONFINANCIAL INSTITUTIONS							
	A	L	Total		Households		Business		State and local govts.	
			A	L	A	L	A	L	A	L
<b>Financial assets</b> .....	<b>9,388.9</b>	<b>(x)</b>	<b>4,975.1</b>	<b>(x)</b>	<b>3,827.1</b>	<b>(x)</b>	<b>944.8</b>	<b>(x)</b>	<b>203.2</b>	<b>(x)</b>
<b>Liabilities</b> .....	<b>(x)</b>	<b>8,159.3</b>	<b>(x)</b>	<b>3,386.9</b>	<b>(x)</b>	<b>1,375.8</b>	<b>(x)</b>	<b>1,695.7</b>	<b>(x)</b>	<b>315.4</b>
Gold stock and SDR's.....	66.5	-	-	-	-	-	-	-	-	-
IMF position.....	1.3	1.3	-	-	-	-	-	-	-	-
Official foreign exchange.....	3.8	3.8	-	-	-	-	-	-	-	-
Treasury currency.....	14.7	12.3	-	-	-	-	-	-	-	-
Demand deposits and currency.....	398.0	425.6	330.4	-	228.4	-	88.5	-	13.5	-
Time and savings accounts.....	1,340.0	1,340.0	1,275.9	-	1,181.0	-	30.5	-	64.4	-
Fed. funds and security RP's.....	46.4	99.8	27.9	-	-	-	13.5	-	14.4	-
Money market fund shares.....	45.2	45.2	45.2	-	45.2	-	-	-	-	-
Life insurance reserves.....	210.7	210.7	210.7	-	210.7	-	-	-	-	-
Pension fund reserves.....	622.1	622.1	622.1	-	622.1	-	-	-	-	-
Interbank claims.....	69.1	57.8	-	-	-	-	-	-	-	-
Corporate equities <sup>1</sup> .....	1,244.5	46.2	906.9	-	906.9	-	-	-	-	-
Credit market instruments <sup>2</sup> .....	4,246.0	4,246.0	746.0	2,912.5	552.5	1,326.9	96.0	1,285.5	97.6	300.1
U.S. Treasury securities <sup>3</sup> .....	658.0	658.0	245.2	-	189.4	-	6.5	-	49.3	-
Federal agency securities <sup>4</sup> .....	258.8	258.8	76.0	-	53.6	-	3.0	-	19.4	-
State and local securities.....	312.7	312.7	86.4	312.7	74.3	-	4.0	19.2	8.2	293.5
Corporate and foreign bonds.....	455.7	455.7	71.6	340.0	71.6	-	-	340.0	-	-
Mortgages.....	1,333.7	1,333.7	143.7	1,321.0	123.0	875.9	-	445.1	20.7	-
Consumer credit.....	382.3	382.3	49.3	382.3	-	382.3	49.3	-	-	-
Bank loans, n.e.c.....	406.8	406.8	-	329.3	-	23.2	-	306.1	-	-
Open-market paper.....	156.4	156.4	73.8	36.3	40.6	-	33.2	36.3	-	-
Security credit.....	50.7	50.7	11.3	22.9	11.3	22.9	-	-	-	-
Trade credit <sup>5</sup> .....	467.6	394.9	420.1	366.2	-	14.6	420.1	336.4	-	15.3
Taxes payable.....	30.8	34.1	13.3	26.9	-	-	-	26.9	13.3	-
Miscellaneous claims.....	531.6	568.8	365.3	58.4	69.0	11.4	296.3	47.0	-	-
	U.S. GOVERNMENT		FINANCIAL INSTITUTIONS						REST OF THE WORLD	
			Total <sup>6</sup>		Monetary authority		Commercial banks		Nonbank finance	
	A	L	A	L	A	L	A	L	A	L
<b>Financial assets</b> .....	<b>215.7</b>	<b>(x)</b>	<b>3,798.3</b>	<b>(x)</b>	<b>166.6</b>	<b>(x)</b>	<b>1,252.7</b>	<b>(x)</b>	<b>2,096.8</b>	<b>(x)</b>
<b>Liabilities</b> .....	<b>(x)</b>	<b>767.6</b>	<b>(x)</b>	<b>3,594.3</b>	<b>(x)</b>	<b>166.6</b>	<b>(x)</b>	<b>1,179.0</b>	<b>(x)</b>	<b>399.7</b>
Gold stock and SDR's.....	2.7	-	11.2	-	11.2	-	-	-	-	52.5
IMF position.....	1.3	-	(2)	-	(2)	-	-	-	-	1.3
Official foreign exchange.....	1.3	-	2.5	-	2.5	-	-	-	-	3.8
Treasury currency.....	-	12.3	14.7	-	14.7	-	-	-	-	-
Demand deposits and currency.....	19.2	-	24.9	425.6	112.2	1.8	313.5	22.6	-	23.5
Time and savings accounts.....	1.0	-	38.6	1,340.0	-	-	668.0	38.6	672.0	24.6
Fed. funds and security RP's.....	-	-	18.6	99.8	-	-	91.8	14.5	8.0	-
Money market fund shares.....	-	-	-	45.2	-	-	-	-	45.2	-
Life insurance reserves.....	-	9.1	-	201.6	-	-	-	-	201.6	-
Pension fund reserves.....	-	67.7	-	554.4	-	-	-	-	554.4	-
Interbank claims.....	-	-	56.6	57.8	8.2	48.4	48.4	9.4	-	12.5
Corporate equities <sup>1</sup> .....	-	-	287.7	46.2	-	-	.1	-	287.6	46.2
Credit market instruments <sup>2</sup> .....	152.4	663.6	3,182.9	486.1	126.9	-	1,144.8	26.5	1,636.7	205.8
U.S. Treasury securities <sup>3</sup> .....	-	658.0	288.6	-	117.5	-	97.2	-	72.3	-
Federal agency securities <sup>4</sup> .....	32.1	4.9	150.7	253.8	8.7	-	51.0	-	90.6	-
State and local securities.....	-	-	228.3	-	-	-	-	-	90.4	-
Corporate and foreign bonds.....	-	-	374.0	67.8	-	-	7.7	6.1	366.3	61.7
Mortgages.....	11.3	.7	1,178.7	12.1	-	-	246.8	-	727.5	12.1
Consumer credit.....	-	-	332.9	-	-	-	184.3	-	148.7	-
Bank loans, n.e.c.....	-	-	406.8	28.3	-	-	406.8	-	28.3	-
Open-market paper.....	-	-	52.4	82.3	-	-	20.6	-	18.8	27.8
Security credit.....	-	-	39.4	27.8	-	-	-	-	12.9	-
Trade credit <sup>5</sup> .....	11.0	14.9	12.9	-	-	-	-	-	6.8	-
Taxes payable.....	17.4	-	-	7.2	-	-	-	-	-	-
Miscellaneous claims.....	9.4	(2)	108.4	302.5	3.1	6.0	37.1	69.3	65.1	202.9

- Represents zero. X Not applicable. Z Less than \$50 million. <sup>1</sup> Assets shown at market value; nonbank financial 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. <sup>2</sup> Includes "Other loans," not shown separately. <sup>3</sup> Includes savings bonds and other nonmarketable debt held by public. <sup>4</sup> Issues by agencies in the budget and by sponsored credit agencies in financial sectors, issues backed by mortgage pools, and loan participation certificates. <sup>5</sup> Asset is corporate only; noncorporate credit deducted in liability total to conform to quarterly flow tables. <sup>6</sup> Includes federally sponsored credit agencies and mortgage pools, not shown separately.

Source: Board of Governors of the Federal Reserve System, *Assets and Liabilities Outstanding, 1969-1979*.

**NO. 862. FLOW OF FUNDS ACCOUNTS—FINANCIAL ASSETS OF FINANCIAL AND NON FINANCIAL INSTITUTIONS, BY HOLDER SECTOR: 1960 TO 1979**

[In billions of dollars. As of December 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
<b>All sectors.....</b>	<b>1,998</b>	<b>2,981</b>	<b>4,099</b>	<b>5,361</b>	<b>6,000</b>	<b>6,793</b>	<b>7,403</b>	<b>8,324</b>	<b>9,389</b>
Households.....	973	1,469	1,927	2,201	2,552	2,944	3,118	3,422	3,827
Nonfinancial business.....	211	292	410	566	610	668	727	826	945
Farm.....	8	9	11	14	15	16	18	20	22
Nonfarm noncorporate.....	22	25	30	35	38	41	44	49	54
Nonfinancial corporations.....	182	259	370	517	558	610	665	757	869
U.S. Government.....	54	71	89	106	123	145	156	186	216
U.S. Government-sponsored credit agencies and mortgage pools.....	12	20	51	112	127	148	175	222	282
State and local government.....	33	50	72	120	123	134	159	184	203
Monetary authorities.....	53	64	86	113	125	135	143	156	167
Commercial banking.....	228	341	505	795	826	891	989	1,130	1,253
Nonbank finance.....	370	588	827	1,129	1,282	1,463	1,634	1,841	2,097
Savings and loan associations.....	72	130	176	296	338	392	459	524	579
Life insurance.....	116	154	201	255	280	311	340	378	421
Private pension funds.....	38	74	110	116	147	172	179	199	237
Government retirement funds <sup>1</sup> .....	20	34	60	88	105	121	133	153	179
Finance companies.....	28	45	64	96	98	107	127	146	169
Mutual savings banks.....	41	59	80	110	122	136	150	161	185
Other insurance.....	26	37	50	68	77	94	113	133	157
Credit unions.....	6	11	18	31	37	43	52	58	62
Investment companies.....	17	35	48	34	42	47	43	43	46
Money market funds.....	-	-	-	2	4	4	4	11	45
Security brokers and dealers.....	7	10	16	15	18	27	30	29	31
Real estate investment trusts.....	-	-	4	18	14	10	7	7	7
Rest of the world.....	63	87	131	220	233	266	301	358	400

- Represents zero. <sup>1</sup> State and local government.

**NO. 863. FLOW OF FUNDS ACCOUNTS—ASSETS AND LIABILITIES OF HOUSEHOLDS, BY TYPE OF INSTRUMENT: 1960 TO 1979**

[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	1965	1970	1975	1979
<b>Total financial assets.....</b>	<b>973.4</b>	<b>1,468.7</b>	<b>1,926.6</b>	<b>2,551.5</b>	<b>3,827.1</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Deposit and market instruments <sup>1</sup> .....	387.5	552.9	796.5	1,314.5	2,007.1	37.6	41.3	51.5	52.4
Demand deposits and currency.....	73.2	88.4	117.8	166.9	228.4	6.0	6.1	6.5	6.0
Time and savings accounts <sup>2</sup> .....	164.1	288.7	426.7	772.6	1,181.0	19.7	22.1	30.3	30.9
Money market fund shares.....	-	-	-	3.7	45.2	-	-	.1	1.2
Credit market instruments.....	150.2	175.8	252.0	371.3	552.5	12.0	13.1	14.6	14.4
U.S. Government securities.....	74.0	82.0	107.2	152.8	243.0	5.6	5.6	6.0	6.3
Treasury issues.....	71.5	76.0	84.9	133.4	189.4	5.2	4.4	5.2	4.9
Savings bonds.....	45.6	49.7	52.1	67.4	79.9	3.4	2.7	2.6	2.1
Other Treasury.....	25.9	26.3	32.8	66.0	109.5	1.8	1.7	2.6	2.9
Agency issues.....	2.5	6.0	22.3	19.4	53.6	.4	1.2	.8	1.4
State and local obligations.....	30.8	38.4	46.0	68.1	74.3	2.5	2.4	2.7	1.9
Corporate and foreign bonds.....	10.0	9.5	34.3	63.5	71.6	.6	1.8	2.5	1.9
Mortgages.....	33.4	42.2	52.9	71.9	123.0	2.9	2.7	2.8	3.2
Open-market paper.....	2.0	5.6	11.7	15.1	40.6	.4	.6	.6	1.1
Corporate equities.....	395.5	635.6	728.4	659.7	906.9	43.3	37.9	25.9	23.7
Investment company shares.....	17.0	35.2	47.6	42.2	46.2	2.4	2.5	1.7	1.2
Other corporate equities.....	378.4	600.4	681.8	617.5	860.7	40.9	35.4	24.2	22.5
Life insurance reserves.....	85.2	105.9	130.5	166.6	210.7	7.2	6.8	6.5	5.5
Pension fund reserves.....	90.8	154.8	239.4	365.7	622.1	10.5	12.4	14.3	16.3
Security credit.....	1.1	2.5	4.4	4.5	11.3	.2	.2	.2	.3
Miscellaneous assets.....	13.3	17.0	26.3	40.6	69.0	1.2	1.4	1.6	1.8
<b>Total liabilities.....</b>	<b>228.2</b>	<b>359.0</b>	<b>502.0</b>	<b>801.2</b>	<b>1,375.8</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Credit market instruments.....	218.4	343.6	481.2	772.3	1,326.9	95.7	95.9	96.4	96.4
Mortgages.....	145.8	227.9	309.7	503.8	875.9	63.5	61.7	62.9	63.7
Installment consumer credit.....	45.1	73.9	105.5	172.4	311.3	20.6	21.0	21.5	22.6
Other consumer credit.....	20.1	29.3	37.6	50.9	70.9	8.2	7.5	6.4	5.2
Bank loans, n.e.c. <sup>3</sup> .....	1.2	2.5	7.5	13.7	23.2	.7	1.5	1.7	1.7
Other loans.....	6.3	10.0	20.9	31.5	45.5	2.8	4.2	3.9	3.3
Security credit.....	5.4	9.1	10.4	12.1	22.9	2.5	2.1	1.5	1.7
Trade credit.....	2.1	3.0	5.3	9.1	14.6	.8	1.1	1.1	1.1
Unpaid life insurance premiums <sup>4</sup> .....	2.4	3.3	5.1	7.7	11.4	.9	1.0	1.0	.8

- Represents zero. <sup>1</sup> Excludes corporate equities. <sup>2</sup> Includes savings accounts at commercial banks and savings institutions. <sup>3</sup> "N.e.c." means not elsewhere classified. <sup>4</sup> Includes deferred premiums.

Source of tables 862 and 863: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts, 1949-1978; Assets and Liabilities Outstanding, 1969-1979; and Annual Statistical Digest*.



**NO. 864. FLOW OF FUNDS ACCOUNTS—ASSETS AND LIABILITIES OF PRIVATE NONBANK  
FINANCIAL INSTITUTIONS, BY TYPE OF TRANSACTION: 1979**

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

TYPE OF INSTRUMENT	TOTAL		MUTUAL SAVINGS BANKS		SAVINGS AND LOAN ASSOCIATIONS		INSURANCE COMPANIES		PENSION FUNDS <sup>1</sup>		FINANCE COMPANIES		OTHER <sup>2</sup>	
	A	L	A	L	A	L	A	L	A	L	A	L	A	L
<b>Financial assets</b> .....	<b>2,096.8</b>	<b>(x)</b>	<b>165.0</b>	<b>(x)</b>	<b>579.1</b>	<b>(x)</b>	<b>577.2</b>	<b>(x)</b>	<b>415.7</b>	<b>(x)</b>	<b>168.9</b>	<b>(x)</b>	<b>190.9</b>	<b>(x)</b>
<b>Liabilities</b> .....	<b>(x)</b>	<b>1,970.6</b>	<b>(x)</b>	<b>152.8</b>	<b>(x)</b>	<b>546.6</b>	<b>(x)</b>	<b>508.2</b>	<b>(x)</b>	<b>415.7</b>	<b>(x)</b>	<b>161.5</b>	<b>(x)</b>	<b>185.8</b>
Demand deposits and currency.....	22.6	-	2.9	-	2.1	-	4.3	-	5.6	-	4.6	-	3.2	-
Time and savings accounts.....	38.6	672.0	4	145.6	6.0	470.1	-	-	8.7	-	-	-	23.5	56.2
Fed. funds, security RP's.....	14.5	8.0	3.0	-	11.5	8.0	-	-	-	-	-	-	-	-
Money market fund shares.....	-	45.2	-	-	-	-	-	-	-	-	-	-	-	45.2
Reserves:														
Life insurance.....	-	201.6	-	-	-	-	-	201.6	-	-	-	-	-	-
Pension fund.....	-	554.4	-	-	-	-	-	138.8	-	415.7	-	-	-	-
Corporate equities.....	287.6	46.2	5.5	-	-	-	65.7	-	180.0	-	-	-	36.4	46.2
Credit market instruments <sup>3</sup> .....	1,636.7	205.8	148.5	-	531.2	58.3	469.8	-	215.6	-	164.3	139.0	107.3	8.5
Securities:														
U.S. Treasury.....	72.3	-	4.3	-	4.7	-	16.7	-	33.4	-	-	-	13.3	-
Federal agency.....	90.6	-	15.5	-	32.1	-	15.6	-	24.0	-	-	-	3.4	-
State and local.....	90.4	-	3.2	-	1.2	-	81.1	-	4.0	-	-	-	1.0	-
Corporate and foreign bonds.....	366.3	61.7	20.8	-	-	3.0	195.3	-	141.4	-	-	57.0	8.8	1.7
Mortgages.....	727.5	12.1	98.7	-	475.7	9.5	119.5	-	12.9	-	11.4	-	9.4	2.6
Consumer credit.....	148.7	-	3.6	-	14.3	-	-	-	-	-	82.6	-	48.2	-
Bank loans, n.e.c.....	-	28.3	-	-	-	4.0	-	-	-	-	-	20.8	-	3.5
Open market paper.....	36.2	61.9	2.4	-	3.4	-	7.3	-	-	-	-	61.2	23.1	.7
Security credit.....	18.8	27.8	-	-	-	-	-	-	-	-	-	-	18.8	27.8
Trade credit.....	12.9	-	-	-	-	-	12.9	-	-	-	-	-	-	-
Taxes payable.....	-	6.8	-	-	-	1.8	-	3.8	-	-	-	.9	-	.3
Miscellaneous.....	65.1	202.9	4.8	7.2	28.3	8.3	24.6	164.1	5.8	-	-	21.5	1.6	1.8

- Represents zero or rounds to zero. X Not applicable. <sup>1</sup> Retirement funds of State and local governments and private pension plans. <sup>2</sup> Credit unions, money market funds, open-end investment companies, real estate investment trusts, and security brokers and dealers. <sup>3</sup> Includes "other" loans, not shown separately.

**NO. 865. FLOW OF FUNDS ACCOUNTS—CREDIT MARKET DEBT OUTSTANDING: 1960 TO 1979**

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

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>Credit market debt</b> .....	<b>780</b>	<b>1,109</b>	<b>1,599</b>	<b>2,181</b>	<b>2,405</b>	<b>2,619</b>	<b>2,904</b>	<b>3,291</b>	<b>3,768</b>	<b>4,246</b>
Government.....	308	366	450	543	570	669	754	831	908	964
Federal.....	236	282	301	349	361	446	516	573	626	664
State and local.....	72	103	149	194	209	223	238	259	282	300
Nongovernment.....	472	743	1,149	1,638	1,835	1,950	2,150	2,460	2,860	3,282
Financial <sup>1</sup> .....	30	59	116	194	232	244	268	320	399	466
Sponsored credit agencies <sup>2</sup> .....	8	14	39	60	77	80	83	86	111	136
Mortgage pools.....	(2)	1	5	18	24	34	50	70	89	118
Commercial banks <sup>3</sup> .....	-	2	4	9	13	13	15	22	27	58
Savings and loan assns.....	3	9	14	22	27	24	24	34	49	58
Finance companies.....	19	34	52	71	76	77	83	101	120	139
Foreign.....	23	38	52	68	81	94	115	129	166	184
Private domestic nonfinancial.....	418	646	981	1,377	1,521	1,611	1,767	2,012	2,295	2,612
Corporations <sup>1</sup> .....	154	223	376	522	600	630	679	756	846	958
Bonds.....	75	98	167	210	231	261	286	311	334	359
Mortgages.....	33	54	81	127	141	152	165	185	207	234
Bank loans, n.e.c.....	38	61	103	150	180	169	172	193	224	266
Finance company loans.....	6	8	14	22	28	30	36	46	54	61
Individuals.....	264	423	605	855	922	982	1,088	1,256	1,449	1,654
By sector:										
Households.....	218	344	481	672	723	772	863	1,003	1,165	1,327
Farm.....	20	32	47	67	75	84	95	109	128	155
Nonfarm noncorporate.....	26	47	77	116	124	126	130	143	157	173
By type of instrument:										
Mortgages.....	173	277	387	548	596	641	714	826	951	1,087
Consumer credit.....	65	103	143	204	214	223	249	289	340	382
Policy loans.....	6	8	17	21	24	26	27	29	31	36
Bank loans, n.e.c.....	10	17	30	45	47	45	46	51	55	63
Other loans.....	10	18	28	37	42	47	53	61	71	86

- Represents zero. Z Less than \$500 million. <sup>1</sup> Includes other types, not shown separately. <sup>2</sup> U.S. Government. <sup>3</sup> Includes bank affiliates.

Source of tables 864 and 865: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts 1949-1978; Assets and Liabilities Outstanding, 1969-1979; and Annual Statistical Digest*.

# NO. 866. FLOW OF FUNDS ACCOUNTS—CREDIT MARKET SUPPLY OF FUNDS: 1960 TO 1979

[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	1973	1974	1975	1976	1977	1978	1979
<b>Credit market debt claims against nonfinancial sectors</b>	<b>750</b>	<b>1,050</b>	<b>1,483</b>	<b>1,987</b>	<b>2,173</b>	<b>2,375</b>	<b>2,636</b>	<b>2,972</b>	<b>3,369</b>	<b>3,760</b>
Public agency and foreign holdings	78	114	195	291	342	387	441	526	636	719
U.S. Government securities	39	56	85	137	149	171	198	238	282	285
Residential mortgages <sup>1</sup>	10	14	39	66	87	99	110	135	174	220
Other loans and securities	28	45	71	88	107	117	133	154	180	214
Agency debt excluded from total <sup>2</sup>	8	15	44	78	101	115	133	159	200	254
Private domestic holdings <sup>3</sup>	680	950	1,331	1,774	1,931	2,103	2,328	2,604	2,932	3,295
U.S. Government securities	204	219	258	289	311	387	449	492	544	632
State and local obligations	71	100	144	191	208	224	240	263	291	313
Corporate and foreign bonds	80	106	179	221	242	275	306	328	351	378
Residential mortgages	153	249	326	454	480	504	559	643	731	812
Other mortgages and loans	174	262	435	634	711	730	791	898	1,048	1,203
Private financial intermediation:										
Claims held by institutions <sup>4</sup>	496	752	1,072	1,492	1,617	1,741	1,931	2,188	2,486	2,782
Commercial banks	197	301	447	653	720	749	809	896	1,025	1,145
Savings institutions	110	184	255	377	400	454	524	606	682	736
Insurance and pension funds	160	219	292	346	376	416	466	535	609	685
Sources of funds:										
Domestic deposits <sup>5</sup>	280	437	618	907	974	1,066	1,191	1,331	1,474	1,601
Credit market debt	22	44	72	116	131	130	134	161	199	232
Insurance and pension reserves	133	182	242	282	313	342	374	426	484	536
Private domestic nonfinancial investors:										
Credit market claims <sup>6</sup>	206	242	331	398	446	491	532	577	646	746
U.S. Government securities	105	115	140	152	171	195	212	234	267	321
State and local obligations	36	43	51	60	69	78	81	84	87	86
Corporate and foreign bonds	10	10	34	50	55	64	69	66	65	72
Open market paper	3	7	21	30	36	35	37	46	62	74
Deposits and currency <sup>4</sup>	309	475	668	968	1,042	1,140	1,272	1,421	1,573	1,708
Time and savings accounts	172	310	455	694	759	843	957	1,078	1,193	1,276
At banks	70	140	224	349	393	418	462	514	568	608
At savings institutions	102	170	231	345	366	425	495	563	625	668
Demand deposits	108	127	163	199	201	208	216	234	247	252
Currency	30	37	50	62	68	74	82	90	99	107

<sup>1</sup> Includes Federal Home Loan Bank advances to savings and loan associations. <sup>2</sup> Debt of sponsored agencies and mortgage pool securities are excluded from debt of nonfinancial sectors but included in holdings of debt claims below. <sup>3</sup> 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. <sup>4</sup> Includes other types, not shown separately. <sup>5</sup> Includes repurchase agreements.

Source: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts, 1949-1978; Assets and Liabilities Outstanding, 1969-1979; and Annual Statistical Digest*.

## NO. 867. FUNDS RAISED IN CREDIT MARKETS BY NONFINANCIAL SECTORS: 1970 TO 1979

[In billions of dollars]

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
<b>Funds raised, total</b>	<b>101.1</b>	<b>153.9</b>	<b>176.8</b>	<b>203.1</b>	<b>191.6</b>	<b>210.8</b>	<b>271.9</b>	<b>338.5</b>	<b>400.3</b>	<b>394.6</b>
U.S. Government	11.9	24.9	15.1	8.3	11.8	85.4	69.0	56.8	53.7	37.4
Foreign	2.9	5.1	4.0	6.1	15.4	13.3	20.8	13.9	32.3	22.9
Private domestic nonfinancial sectors	86.4	124.0	157.7	188.8	164.4	112.1	182.0	267.9	314.4	334.4
Debt capital instruments	60.2	86.7	102.1	105.1	98.0	96.4	123.5	175.6	196.6	203.8
Other debt instruments	20.4	24.8	44.7	75.8	62.3	3.8	48.0	89.5	115.2	127.3
Corporate equities	5.7	7.4	10.9	7.9	4.1	9.9	10.5	2.7	2.6	3.2
<b>Funds advanced</b>	<b>101.1</b>	<b>153.9</b>	<b>176.8</b>	<b>203.1</b>	<b>191.6</b>	<b>210.8</b>	<b>271.9</b>	<b>338.5</b>	<b>400.3</b>	<b>394.6</b>
Private domestic nonfinancial sectors	62.5	88.6	122.7	140.3	118.9	140.4	168.5	189.7	217.0	222.2
Deposits	61.1	93.7	106.7	101.2	73.8	98.1	131.9	149.5	151.8	137.2
Credit market instruments, net	1.4	-5.1	16.0	39.0	45.1	42.2	36.6	40.2	65.2	85.0
Other sources	38.6	65.4	54.1	62.9	72.7	70.4	103.4	148.8	183.3	172.3

Source: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts, 1949-1978, and 4th Quarter 1979*.

## NO. 868. USES AND SOURCES OF FUNDS—SUMMARY: 1960 TO 1979

[In billions of dollars, except percent. See tables 861-866 for related data on financial flows]

USE AND SOURCE	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>Uses, funds raised</b> .....	<b>39.6</b>	<b>67.1</b>	<b>95.2</b>	<b>186.2</b>	<b>187.5</b>	<b>200.5</b>	<b>263.5</b>	<b>337.6</b>	<b>388.5</b>	<b>385.8</b>
Investment funds.....	28.6	45.9	69.7	120.6	114.8	119.5	145.9	192.8	215.8	232.8
Short-term funds.....	13.1	23.1	18.6	66.0	62.5	2.9	58.2	93.3	124.8	120.8
U.S. securities, privately held.....	-2.2	-1.9	6.9	-4	10.2	78.1	59.4	51.5	46.8	32.2
Less: Financial intermediaries, funds raised.....	3.3	7.9	12.7	31.8	23.8	5.3	15.2	27.5	49.1	49.9
<b>Sources, gross funds supplied</b> .....	<b>42.9</b>	<b>75.0</b>	<b>108.0</b>	<b>218.0</b>	<b>211.3</b>	<b>205.8</b>	<b>278.7</b>	<b>365.1</b>	<b>437.6</b>	<b>435.7</b>
Commercial banks.....	9.5	28.5	37.3	81.3	64.4	31.5	66.3	89.9	125.9	125.5
Percent of funds supplied.....	22.1	38.0	34.5	37.3	30.5	15.3	23.8	24.6	28.8	28.8
Insurance companies.....	6.5	9.7	13.0	21.7	19.6	25.0	39.2	48.6	52.6	53.0
Private noninsured pension funds.....	3.7	5.8	7.7	9.2	7.9	14.1	12.5	16.5	16.0	22.0
State and local government retirement funds.....	2.1	3.3	6.1	6.7	8.0	10.5	11.7	14.4	16.2	18.8
Savings and loan associations.....	7.3	9.6	12.7	26.5	19.6	36.6	51.9	64.9	57.2	50.4
Mutual savings banks.....	1.5	4.0	4.1	4.8	3.4	10.9	12.5	11.7	7.9	4.5
Credit unions.....	.6	1.1	1.6	3.6	3.0	5.0	6.6	8.4	9.6	4.5
Investment companies.....	1.1	1.9	1.9	1.4	2.0	3.1	1.4	2.9	5.2	21.7
Other financial intermediaries.....	3.2	5.0	3.9	16.3	4.3	-1.6	7.2	17.6	19.7	23.8
Business.....	-4.5	1.5	4.1	-7	13.0	13.4	16.0	11.6	11.1	18.3
Government.....	2.5	4.1	10.8	9.5	17.1	21.6	16.9	16.7	33.1	28.4
Foreign investors.....	1.8	-2	10.5	4.0	12.2	10.4	17.9	42.1	40.1	-12.3
Individuals and others.....	7.6	.6	-5.7	33.7	36.8	25.3	18.5	19.7	43.1	77.1
<b>Total net sources</b> .....	<b>39.6</b>	<b>67.1</b>	<b>95.2</b>	<b>186.2</b>	<b>187.5</b>	<b>200.5</b>	<b>263.5</b>	<b>337.6</b>	<b>388.5</b>	<b>385.8</b>

Source: Donald Woolley and Beverly Lowen, *Credit and Capital Markets*, 1980, Bankers Trust Company, New York, N.Y.

## NO. 869. FEDERAL RESERVE BANKS—ASSETS, LIABILITIES, AND CAPITAL ACCOUNTS: 1960 TO 1979

[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
<b>Assets</b> .....	<b>53.0</b>	<b>62.7</b>	<b>85.9</b>	<b>103.1</b>	<b>110.8</b>	<b>120.4</b>	<b>129.3</b>	<b>137.8</b>	<b>151.1</b>	<b>160.8</b>
U.S. Government securities <sup>1</sup> .....	27.4	40.8	62.1	80.5	85.7	94.1	104.1	111.3	118.6	126.2
Gold certificate reserves.....	17.5	13.4	10.5	11.5	11.7	11.6	11.6	11.7	11.7	11.1
Special drawing rights.....	(x)	(x)	.4	.4	.4	.5	1.2	1.3	1.3	1.8
Cash and collection items.....	7.7	7.0	11.4	8.2	8.6	9.2	8.2	9.9	13.2	14.0
Loans and acceptances.....	.1	.3	.4	1.3	1.3	1.4	1.0	1.2	1.8	2.1
Other assets.....	.3	1.1	1.1	1.2	3.2	3.3	3.2	2.4	4.5	5.6
<b>Liabilities and capital accounts</b> .....	<b>53.0</b>	<b>62.7</b>	<b>85.9</b>	<b>103.1</b>	<b>110.8</b>	<b>120.4</b>	<b>129.3</b>	<b>137.8</b>	<b>151.1</b>	<b>160.8</b>
Federal Reserve notes.....	28.4	37.1	50.3	64.3	70.9	77.2	83.7	93.2	103.3	113.3
Deposits.....	18.3	19.6	26.7	31.3	30.6	34.8	37.3	35.6	37.0	35.7
Deferred availability cash items.....	4.9	4.7	6.9	4.9	6.3	5.5	5.2	5.8	6.5	6.8
Other, and accrued dividends.....	(z)	.2	.6	1.0	1.1	1.1	1.1	1.2	2.1	2.7
Capital accounts.....	1.2	1.1	1.4	1.7	1.8	1.9	2.0	2.1	2.2	2.3

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

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

## NO. 870. FEDERAL RESERVE MEMBER BANKS—REVENUE AND EXPENSES: 1960 TO 1979

[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
Member banks.....	Number.....	6,174	6,221	5,767	5,735	5,780	5,787	5,758	5,668	5,564	5,425
Current revenue.....	Bil. dol.....	8.9	13.8	27.9	41.7	53.8	51.4	63.6	70.5	89.1	118.9
Expenses.....	Bil. dol.....	5.7	10.2	22.2	35.0	46.8	44.4	55.9	61.7	77.8	105.8
Net current earnings.....	Bil. dol.....	3.3	3.6	5.7	6.7	7.0	7.0	7.7	8.8	11.3	13.1
Net income.....	Bil. dol.....	1.7	2.1	3.8	5.0	5.4	5.5	5.9	6.6	7.9	9.2
Cash dividends declared.....	Bil. dol.....	.7	1.1	1.8	2.0	2.3	2.5	2.5	2.6	2.9	3.5
Capital accounts <sup>1</sup> .....	Bil. dol.....	16.7	24.1	33.1	43.0	46.6	50.2	53.0	59.2	64.4	70.8
<b>Ratios to average capital accounts:</b>											
Net current earnings.....	Percent.....	19.6	15.1	17.3	15.5	15.1	13.9	14.5	14.9	17.5	18.5
Net income.....	Percent.....	10.1	8.7	11.5	11.7	10.7	11.0	11.1	11.1	12.3	13.0
Cash dividends declared.....	Percent.....	4.4	4.4	5.3	4.7	4.9	4.9	4.7	4.4	4.5	4.9

<sup>1</sup> Averages of amounts reported for varying call dates; for details, see source.Source: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

## NO. 871. FEDERAL RESERVE SYSTEM—MEMBER BANK RESERVES: 1965 TO 1979

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

ITEM	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
<b>Factors supplying reserve funds:</b>										
Federal Reserve bank credit outstanding <sup>1</sup>	43.9	66.7	76.9	85.6	94.0	99.7	107.6	116.4	129.3	140.0
U.S. Government securities <sup>2</sup>	40.9	61.7	71.1	79.7	86.7	92.1	100.3	107.9	117.3	126.3
Float	2.3	3.6	3.5	3.4	2.7	3.0	3.6	5.3	7.4	6.5
Other Federal Reserve assets	.5	1.4	2.2	2.4	3.8	3.7	3.2	3.1	4.6	7.2
Gold stock	13.8	11.1	10.4	11.6	11.6	11.6	11.6	11.7	11.6	11.1
Special drawing rights accounts	(X)	.4	.4	.4	.4	.5	1.2	1.2	1.3	1.8
Treasury currency outstanding	5.6	7.1	8.3	8.7	9.2	10.1	10.9	11.4	11.8	12.9
<b>Factors absorbing reserve funds:</b>										
Currency in circulation	42.2	57.0	66.1	71.6	79.0	35.8	93.7	102.9	113.4	123.8
Treasury cash holdings	.8	.4	.4	.3	.2	.5	.5	.4	.3	.4
Deposits with Federal Reserve banks <sup>3</sup>	1.1	1.7	2.4	3.0	3.0	5.1	7.4	6.6	5.0	3.6
Other Federal Reserve accounts	.4	2.3	2.4	2.9	3.3	3.2	3.2	3.7	4.3	5.3
Member bank reserves	22.7	29.3	31.4	35.1	36.9	35.0	35.1	36.5	41.6	44.1
With Federal Reserve banks	18.7	23.9	24.8	28.4	29.8	27.2	26.4	27.1	31.2	32.6
Currency and coin <sup>4</sup>	4.0	5.3	6.1	6.6	7.2	7.8	8.5	9.4	10.3	11.3
Required reserves	22.3	29.0	31.1	34.8	36.6	34.7	35.0	36.3	41.4	43.6
Excess reserves	.5	.3	.2	.3	.3	.3	.2	.2	.1	.5
Free reserves <sup>7</sup>	(-2)	(-2)	-8	-1.0	-4	.1	.1	-4	-7	-1.0

X Not applicable. Z Less than \$50 million. <sup>1</sup> Includes industrial loans and acceptances, when held. <sup>2</sup> Includes Federal agency obligations. <sup>3</sup> Other than member bank reserves. <sup>4</sup> Includes \$428 million for 1972 and \$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. <sup>5</sup> Includes reserves of member banks, Edge Act corporations, and U.S. agencies and branches of foreign banks. <sup>6</sup> Beginning 1965, figures are estimates. <sup>7</sup> Excess less borrowings.

## NO. 872. FEDERAL RESERVE SYSTEM—MEMBER BANK RESERVE REQUIREMENTS: 1975 TO 1980

[Under criteria effective Nov. 9, 1972, a reserve city is designated by the presence of a Federal Reserve Bank or branch or of the head office of a bank having net demand deposits of more than \$400 million. Banks having net demand deposits of \$400 million or less are considered to have character of business of banks outside reserve cities and may maintain reserves at ratios set for banks not in reserve cities. See also *Historical Statistics, Colonial Times to 1970*, series X 813-820]

EFFECTIVE DATE OF CHANGE	PERCENT OF NET DEMAND DEPOSITS <sup>1 2</sup>					PERCENT OF TIME AND SAVINGS DEPOSITS <sup>2 3</sup>						
	\$2 million or less	\$2- \$10 million	\$10- \$100 million	\$100- \$400 million	Over \$400 million <sup>2 a</sup>	Sav- ings <sup>4</sup>	\$5 million and un- der, <sup>4</sup> maturing in—			Over \$5 million, <sup>4</sup> maturing in—		
							30- 179 days	180 days- 4 yr.	4 yr. or more	30- 179 days	180 days- 4 yr.	4 yr. or more
1975—Feb. 13	7½	10	12	13	16½	3		3		6	3	
Oct. 30	7½	10	12	13	16½	3	3		5 1	6	3	5 1
1976—Jan. 8	7½	10	12	13	16½	3	3	5 2½	5 1	6	5 2½	5 1
Dec. 30	7	9½	11¼	12¾	16¼	3	3	5 2½	5 1	6	5 2½	5 1
In effect Aug. 31, 1980	7	9½	11¼	12¾	16¼	3	3	5 2½	5 1	6	5 2½	5 1
											Minimum	Maximum
Legal requirements as of Aug. 31, 1980:												
Net demand deposits, reserve city banks											10	22
Net demand deposits, other banks											7	14
Time deposits											3	10
Borrowings from foreign banks											-	22

- Represents zero. <sup>1</sup> Demand deposits subject to reserve requirements are gross demand deposits minus cash items in process of collection and demand balances due from domestic banks. <sup>2</sup> Reserve requirements shown in table are graduated, and apply to all member banks. Reserves are required against net balances due from domestic offices of member banks to their foreign branches, against foreign branch loans to U.S. residents, and against borrowings from foreign banks by domestic offices of a member bank. Applicable reserve percentage on May 22, 1975 was 4 percent and was reduced to zero effective Aug. 24, 1978. Effective with the reserve computation period beginning Nov. 16, 1978, domestic deposits of Edge corporations are subject to the same reserve requirements as deposits of member banks. <sup>3</sup> Negotiable order of withdrawal (NOW), Christmas, vacation club, and like accounts are subject to same requirements as savings.

<sup>4</sup> Effective Nov. 2, 1978, a supplemental reserve requirement of 2 percent was imposed on large time deposits of \$100,000 or more, obligations of affiliates, and ineligible acceptances. Effective with the reserve maintenance period beginning Oct. 25, 1979, a marginal reserve requirement of 8 percent was added to managed liabilities in excess of a base amount, with the maintenance period beginning Apr. 3, 1980, this requirement was increased to 10 percent, and with the maintenance period beginning June 12, 1980 it was decreased to 5 percent and to zero beginning July 24, 1980.

<sup>5</sup> Average reserves on all time deposits must be at least 3 percent.

Source of tables 871 and 872: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

## NO. 873. CHANGES IN NUMBER OF OPERATING BANKING OFFICES: 1960 TO 1979

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

TYPE OF CHANGE	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>Banking offices.....</b>	<b>25,105</b>	<b>30,958</b>	<b>37,166</b>	<b>42,886</b>	<b>45,308</b>	<b>47,239</b>	<b>46,654</b>	<b>50,695</b>	<b>52,608</b>	<b>54,928</b>
Number of banks.....	13,999	14,324	14,199	14,676	14,961	15,130	15,170	15,207	15,206	15,201
Number of branches.....	11,106	16,634	22,967	28,210	30,347	32,109	33,484	35,488	37,402	39,727
<b>Net change during year.....</b>	<b>863</b>	<b>1,231</b>	<b>1,584</b>	<b>2,224</b>	<b>2,422</b>	<b>1,931</b>	<b>1,415</b>	<b>2,041</b>	<b>1,909</b>	<b>2,320</b>
Offices opened.....	1,060	1,454	1,864	2,424	2,730	2,224	1,819	2,524	2,426	2,895
Banks.....	132	202	186	345	408	277	193	206	184	239
Branches.....	928	1,252	1,678	2,079	2,322	1,947	1,626	2,318	2,242	2,656
Offices closed.....	197	223	280	200	308	293	404	483	517	575
Banks.....	137	159	165	105	123	108	153	169	185	244
Branches.....	60	64	115	95	185	185	251	314	332	331

## NO. 874. BANKING OFFICES, BY DEPOSIT INSURANCE STATUS: 1960 TO 1979

[See also *Historical Statistics, Colonial Times to 1970*, series X 716-724]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>All banking offices.....</b>	<b>24,954</b>	<b>30,776</b>	<b>36,910</b>	<b>42,593</b>	<b>45,011</b>	<b>46,931</b>	<b>48,345</b>	<b>50,384</b>	<b>52,292</b>	<b>54,618</b>
Commercial bank, total.....	23,954	29,556	35,330	40,620	42,890	44,610	45,792	47,603	49,286	51,280
Member, Fed. Reserve System.....	14,301	18,514	21,940	24,694	25,718	26,462	27,097	27,845	28,392	29,102
National banks.....	10,036	13,776	17,142	19,567	20,437	21,009	21,402	22,235	22,671	23,246
State banks.....	4,265	4,738	4,798	5,127	5,281	5,453	5,695	5,610	5,721	5,856
Nonmember banks.....	9,653	11,042	13,390	15,926	17,172	18,148	18,695	19,758	20,894	22,178
Insured.....	9,253	10,723	13,159	15,673	16,884	17,841	18,368	19,397	20,510	21,770
Noninsured.....	400	319	231	253	288	307	327	361	384	408
Mutual savings bank, total.....	1,000	1,220	1,580	1,973	2,121	2,321	2,553	2,781	3,006	3,338
Insured.....	706	911	1,222	1,562	1,706	1,896	2,125	2,302	2,517	2,840
Noninsured.....	294	309	358	411	415	425	428	479	489	498

Source of tables 873 and 874: U.S. Federal Deposit Insurance Corporation, *Annual Report*.

## NO. 875. BANK MERGERS RESULTING IN NATIONAL BANKS, BY ASSETS OF ACQUIRING AND ACQUIRED BANKS: 1970 TO 1978

[Includes all forms of acquisition involving two or more operating banks. The bank with the larger total assets in each transaction was considered to be the acquiring bank]

ASSETS OF ACQUIRING BANKS	ACQUIRING BANKS								ACQUIRED BANKS, 1970-1978					
	1970	1972	1973	1974	1975	1976	1977	1978	Number	With assets (in millions of dollars)				
										Under \$10	\$10-\$25	\$25-\$50	\$50-\$100	\$100 or more
Total .....	82	57	56	70	40	75	103	62	1 603	216	192	120	30	45
Under \$10 mil.....	2	2	3	5	4	3	2	-	23	23	-	-	-	-
\$10-\$25 mil.....	10	4	5	7	4	5	2	4	42	37	5	-	-	-
\$25-\$50 mil.....	9	5	5	8	2	10	9	3	67	36	22	9	-	-
\$50-\$100 mil.....	6	12	6	11	5	13	18	11	87	30	32	23	2	-
\$100 mil or more.....	55	34	37	39	25	44	72	44	384	90	133	88	28	45

- Represents zero. <sup>1</sup> 525 transactions: 21 involving 3 banks, 7 with 4 banks, 9 with 5, 1 with 6, 1 with 7, and 1 with 9.Source: U.S. Comptroller of the Currency, *Annual Report*.

## NO. 876. BANK HOLDING COMPANIES—OFFICES, ASSETS, DEPOSITS: 1960 TO 1979

[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	1972	1973	1974	1975	1976	1977	1978	1979
Number of companies.....	47	53	121	1,607	1,677	1,752	1,821	1,912	2,027	2,222	2,478
Banking offices.....	1,463	1,954	4,155	16,161	18,471	20,593	22,056	22,990	24,243	25,614	27,099
Banks.....	426	468	895	2,720	3,097	3,462	3,674	3,791	3,903	4,101	4,280
Branches.....	1,037	1,486	3,260	13,441	15,374	17,131	18,382	19,199	20,340	21,513	22,819
Assets (bil. dol.).....	20.5	31.2	82.9	467.5	563.0	640.1	661.3	700.0	795.1	905.0	1,004.7
Percent of all commercial banks.....	11.1	11.5	16.1	63.2	67.4	69.6	68.5	67.9	68.2	68.7	70.6
Deposits (bil. dol.).....	18.3	27.6	78.1	379.4	446.6	509.7	527.5	553.6	624.3	691.1	744.7

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

## No. 877. CHANGES IN COMMERCIAL BANKING STRUCTURE: 1953 TO 1979

[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- 1979	1967 and 1968	1969 and 1970	1971 and 1972	1973 and 1974	1975 and 1976	1977 and 1978	1979
<b>All commercial banks:</b>								
Number of banks, beginning of period.....	14,074	13,766	13,678	13,686	13,927	14,458	14,671	14,711
New banks organized.....	4,872	191	319	472	752	464	380	235
Mergers and absorptions.....	-3,991	-266	-297	-218	-214	-234	-331	-172
Voluntary liquidations, suspensions.....	-247	-19	-14	-13	-7	-17	-9	-66
Number of banks, end of period.....	14,708	14,678	13,686	13,927	14,458	14,671	14,711	14,708
Net change in banks.....	634	-68	8	241	531	213	40	-3
Number of branches, end of period.....	36,575	19,467	21,646	24,943	28,435	34,582	34,578	36,575
Net change in branches.....	31,049	2,106	2,631	2,968	3,821	3,460	3,456	1,983
<b>States with statewide branch banking: <sup>1</sup></b>								
Number of banks, beginning of period.....	1,287	<sup>2</sup> 1,478	1,394	1,306	<sup>3</sup> 1,548	<sup>4</sup> 1,944	1,914	1,936
New banks organized.....	1,059	32	42	105	180	110	137	88
Mergers and absorptions.....	-1,353	-114	-129	-73	-87	-132	-111	-26
Voluntary liquidations, suspensions.....	-85	-2	-1	-1	-2	-8	-4	-61
Number of banks, end of period.....	908	1,394	1,306	1,337	1,639	1,914	1,936	1,937
Net change in banks.....	-379	-84	-88	31	91	-30	22	1
Number of branches, end of period.....	18,303	7,910	8,923	9,997	12,529	17,628	17,624	18,303
Net change in branches.....	11,023	810	1,013	1,074	1,359	908	904	675
<b>States with limited branch banking: <sup>5</sup></b>								
Number of banks, beginning of period.....	5,724	<sup>6</sup> 5,110	<sup>7</sup> 4,995	<sup>8</sup> 5,608	<sup>9</sup> 5,615	5,678	<sup>10</sup> 6,141	6,005
New banks organized.....	1,141	68	99	107	183	104	79	50
Mergers and absorptions.....	-2,372	-130	-149	-135	-119	-91	-212	-140
Voluntary liquidations, suspensions.....	-65	-9	-5	-5	-1	-2	-3	-1
Number of banks, end of period.....	5,914	5,039	4,940	5,573	5,678	5,689	6,005	5,914
Net change in banks.....	-1,296	-71	-55	-33	63	11	-136	-91
Number of branches, end of period.....	15,893	10,404	11,654	13,628	14,694	16,003	14,827	15,893
Net change in branches.....	17,095	1,125	1,444	1,645	2,046	1,309	1,804	1,066
<b>States with unit banking: <sup>11</sup></b>								
Number of banks, beginning of period.....	7,063	7,987	<sup>12</sup> 7,289	7,440	<sup>13</sup> 6,764	7,141	<sup>14</sup> 6,616	6,770
New banks organized.....	2,672	97	178	260	389	250	164	97
Mergers and absorptions.....	-266	-22	-19	-10	-8	-11	-8	-6
Voluntary liquidations, suspensions.....	-97	-8	-8	-7	-4	-7	-2	-4
Number of banks, end of period.....	6,857	8,054	7,440	7,683	7,141	7,373	6,770	6,857
Net change in banks.....	2,309	67	151	243	377	232	154	87
Number of branches, end of period.....	2,379	1,153	1,069	1,318	1,212	1,605	2,127	2,379
Net change in branches.....	2,931	171	174	249	416	393	748	252

<sup>1</sup> Alaska, Ariz., Calif., Conn., Del., Hawaii, Idaho, Maine, Md., Nev., N.J., N.Y., N.C., Oreg., R.I., S.C., S. Dak., Utah, Vt., Va., Wash., and D.C. <sup>2</sup> Maine from limited, and S. Dak. from unit banking. <sup>3</sup> N.J. from limited. <sup>4</sup> N.Y. from limited.

<sup>5</sup> Ala., Ark., Fla., Ga., Ind., Iowa, Ky., La., Mass., Mich., Miss., N. Mex., Ohio, Pa., Tenn., and Wis. <sup>6</sup> Wis. from unit banking. <sup>7</sup> Maine to statewide. <sup>8</sup> Iowa from unit banking. <sup>9</sup> Ark. from unit banking, and N.J. to statewide.

<sup>10</sup> N.Y. to statewide, and Fla. from unit banking. <sup>11</sup> Colo., Ill., Kans., Minn., Mo., Mont., Nebr., N. Dak., Okla., Tex., W. Va., and Wyo. <sup>12</sup> S. Dak. to statewide, and Wis. to limited. <sup>13</sup> Iowa and Ark. to limited. <sup>14</sup> Fla. to limited.

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

## No. 878. BANKS CLOSED DUE TO FINANCIAL DIFFICULTIES: 1941 TO 1979

[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- 1973	1974	1975	1976	1977	1978	1979
Total banks.....	Number.....	73	43	63	15	4	14	17	6	7	10
Insured.....	Number.....	61	28	50	13	4	13	16	6	7	10
Noninsured.....	Number.....	12	15	13	2	-	1	1	-	-	-
Deposits.....	\$1,000.....	102,618	114,972	342,360	1,203,232	1,575,832	340,574	865,659	205,208	854,154	110,696
Insured.....	\$1,000.....	99,276	104,610	334,570	1,123,928	1,575,832	339,574	864,799	205,208	854,154	110,696
Noninsured.....	\$1,000.....	3,342	10,362	7,790	79,304	-	1,000	860	-	-	-

- Represents zero.

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

## No. 879. COMMERCIAL BANKS—ASSETS AND LIABILITIES: 1965 TO 1979

[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 (labeled 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	1973	1974	1975	1976	1977	1978	1979
Number of banks.....	13,818	13,705	14,194	14,488	14,657	14,698	14,738	14,741	14,738
<b>Assets.....</b>	<b>382.9</b>	<b>581.5</b>	<b>842.9</b>	<b>927.5</b>	<b>974.7</b>	<b>1,040.1</b>	<b>1,176.6</b>	<b>1,329.0</b>	<b>1,437.7</b>
Securities, total.....	104.6	148.5	189.9	195.9	230.8	253.2	261.0	272.0	287.8
Investment securities <sup>1,2</sup> .....	104.6	142.7	181.2	187.9	225.5	243.7	252.9	( <sup>3</sup> )	( <sup>3</sup> )
U.S. Treasury.....	59.7	59.3	55.7	52.3	81.6	98.0	97.0	90.6	88.8
Obligations of States and subdivisions..	36.7	67.9	91.8	97.6	101.6	103.3	113.7	124.6	133.3
Federal funds sold and sec. purchased <sup>4</sup> .....	2.1	16.3	35.4	40.1	39.3	48.5	54.2	55.0	63.5
Loans, gross.....	204.7	300.4	464.1	514.2	512.5	552.1	632.3	737.6	813.8
Commercial and industrial loans.....	71.9	113.4	160.8	188.6	181.0	185.1	207.3	236.9	265.8
Real estate loans.....	49.7	73.3	119.1	132.1	136.5	151.2	179.0	214.0	245.2
Construction and land development.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	17.3	21.4	27.3	32.9
Secured by farmland.....	2.9	4.4	5.4	6.0	6.4	6.7	7.8	8.5	8.6
Secured by residential properties.....	32.4	45.6	74.9	82.4	83.1	85.9	101.9	124.4	143.9
Secured by other properties.....	14.4	23.3	38.7	43.7	46.9	41.3	47.9	53.8	59.7
Loans to financial institutions <sup>6</sup> .....	15.5	18.6	41.0	47.7	42.5	42.7	43.9	55.5	48.9
Securities loans (dealers and other).....	8.5	9.8	12.0	9.2	11.1	15.4	17.4	14.9	13.6
Loans to farmers (excl. real estate).....	8.2	11.2	17.3	18.2	20.2	23.2	25.7	28.3	31.1
Other loans to individuals.....	45.7	66.3	100.8	104.0	107.6	119.3	141.5	167.9	187.9
All other loans (incl. overdrafts).....	5.3	7.7	13.3	14.3	13.6	15.1	17.5	20.1	21.3
Net loans.....	(x)	(x)	(x)	(x)	(x)	533.2	610.5	711.9	784.6
Cash, balances with banks, etc.....	61.0	94.0	119.2	128.8	134.5	136.8	170.1	186.5	198.9
Other.....	10.4	22.4	34.1	48.4	57.7	68.4	80.9	101.4	102.9
<b>Liabilities and equity capital.....</b>	<b>382.9</b>	<b>581.5</b>	<b>842.9</b>	<b>927.5</b>	<b>974.7</b>	<b>1,040.1</b>	<b>1,176.6</b>	<b>1,329.0</b>	<b>1,437.7</b>
Deposits.....	333.8	485.5	687.6	753.5	792.9	845.1	947.1	1,043.3	1,108.7
Demand.....	185.5	249.0	311.7	317.5	325.5	338.7	384.9	408.5	435.0
Time.....	148.5	236.5	375.9	436.1	467.4	506.4	562.2	634.7	673.7
Business and personal.....	276.8	397.3	558.7	608.9	652.9	704.8	788.3	875.0	941.1
Government.....	32.4	49.7	73.9	74.6	71.1	72.3	85.1	88.8	87.2
Domestic interbank.....	17.5	29.2	38.0	46.0	45.3	45.6	60.4	67.1	69.3
Foreign government and bank.....	7.0	9.3	16.9	24.2	23.5	22.4	13.3	12.3	11.1
Miscellaneous liabilities.....	14.7	46.5	89.0	101.2	103.3	116.7	143.4	191.2	225.2
Subordinated notes and debentures.....	1.7	2.2	4.2	4.4	4.6	5.3	5.8	5.9	6.0
Equity capital.....	28.7	41.0	54.2	59.6	64.9	73.1	80.3	88.6	97.8
Stock.....	8.7	11.4	14.0	14.9	15.7	18.4	17.4	18.5	20.6
Surplus.....	13.6	18.2	23.7	25.5	26.9	29.3	31.7	33.7	35.5
Undivided profits and reserve.....	6.5	11.4	16.5	19.1	22.3	27.4	31.2	36.4	41.7

X Not applicable. <sup>1</sup> Includes other categories not shown separately. <sup>2</sup> For 1965, securities reported on net (after deduction of reserves) basis. <sup>3</sup> Investment securities no longer reported as a separate category. <sup>4</sup> Under agreements to resell. <sup>5</sup> Prior to 1976, included in other categories of real estate loans. <sup>6</sup> Includes loans to foreign banks.

Source: U.S. Federal Deposit Insurance Corporation, *Assets and Liabilities: Commercial and Mutual Savings Banks*, semiannual.

## No. 880. COMMERCIAL BANKS—SUMMARY, BY CLASS OF BANK: 1970 TO 1978

[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		ITEM	Total	National	State member	NONMEMBER	
				In-sured	Non-in-sured					In-sured	Non-in-sured
Number of banks:						Assets (bil. dol.):					
1970.....	13,687	4,621	1,147	7,735	184	1970.....	577.0	340.8	125.5	106.5	4.4
1975.....	14,633	4,741	1,046	8,585	261	1975.....	965.2	553.3	180.5	210.9	20.5
1977.....	14,707	4,654	1,014	8,729	310	1977.....	1,166.1	651.4	210.4	267.9	36.4
1978.....	14,708	4,564	1,000	8,814	330	1978.....	1,317.2	721.8	235.5	306.7	53.2
Banking offices:						Deposit deposits (bil. dol.):					
1970.....	35,531	17,157	4,802	13,139	433	1970.....	247.9	145.1	58.5	42.5	1.7
1975.....	44,410	20,872	5,440	17,785	311	1975.....	323.6	183.9	67.7	68.1	3.9
1977.....	47,409	22,104	5,602	19,342	361	1977.....	383.0	211.6	81.2	84.2	6.0
1978.....	49,102	22,538	5,711	20,469	384	1978.....	406.4	220.6	85.2	92.6	8.0
Gross loans (bil. dol.):						Time deposits (bil. dol.):					
1970.....	303.0	178.0	64.7	52.6	7.6	1970.....	233.9	138.6	43.0	51.5	.9
1975.....	546.5	315.7	100.8	118.6	11.3	1975.....	462.9	263.7	75.7	116.1	7.4
1977.....	680.2	384.7	110.2	162.5	22.7	1977.....	556.5	308.5	82.2	154.9	10.9
1978.....	731.7	404.3	118.4	180.5	28.4	1978.....	408.6	220.7	63.4	107.4	17.1

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

## No. 881. COMMERCIAL BANKS—ASSETS AND LIABILITIES, STATES AND OTHER AREAS: 1979

(In millions of dollars, except number of banks. As of December 31)

STATE OR OTHER AREA	Number of banks	Total assets	SELECTED ASSETS					SELECTED LIABILITIES			
			Loans and Federal funds sold	Total securities	Loans			Equity capital	Deposits		
					Total	Commercial and industrial	Real estate		Total	Demand	Time
Total.....	14,738	1,437,749	848,107	287,830	510,990	265,797	245,193	97,844	1,108,690	434,988	673,702
U.S.....	14,708	1,425,532	841,731	285,478	507,290	263,721	243,589	97,464	1,099,385	432,792	666,573
Ala.....	317	15,784	9,280	4,117	5,250	2,447	2,803	1,264	13,450	4,811	8,640
Alaska.....	12	1,981	1,157	483	793	391	402	178	1,564	679	885
Ariz.....	27	12,112	7,874	2,184	4,484	1,886	2,598	596	10,303	3,733	6,570
Ark.....	261	10,258	6,118	2,829	3,466	1,399	2,067	793	8,757	3,245	5,512
Calif.....	257	159,930	103,503	21,093	69,354	30,263	39,091	9,114	122,030	44,983	77,047
Colo.....	410	15,134	9,215	2,612	4,893	2,687	2,206	1,086	12,606	5,612	6,994
Conn.....	65	12,440	7,589	2,294	5,092	2,228	2,864	770	10,289	4,366	5,923
Del.....	20	3,679	1,895	1,080	1,074	312	762	229	2,747	1,033	1,714
D.C.....	17	6,791	3,920	1,540	2,528	1,069	1,459	499	5,298	2,630	2,668
Fla.....	585	42,076	22,150	12,136	12,411	4,331	8,080	3,125	36,054	15,354	20,699
Ga.....	439	21,608	12,907	3,968	6,452	3,068	3,384	1,681	17,325	6,335	8,991
Hawaii.....	12	4,757	2,922	1,006	2,049	684	1,365	287	4,222	1,515	2,707
Idaho.....	27	4,609	2,874	955	1,553	772	781	293	3,904	1,243	2,661
Ill.....	1,288	108,981	66,708	23,997	42,427	26,344	16,083	7,528	77,042	26,369	50,673
Ind.....	406	30,266	18,085	7,735	10,897	3,650	7,247	2,179	25,207	7,788	17,419
Iowa.....	657	19,897	12,312	4,711	5,581	2,320	3,261	1,517	17,025	5,180	11,845
Kan.....	617	15,289	9,091	3,969	3,824	1,983	1,841	1,197	13,164	4,601	8,563
Ky.....	343	17,781	10,873	4,286	6,020	2,348	3,672	1,355	14,905	5,706	9,200
La.....	262	21,737	12,764	5,533	7,609	3,650	3,959	1,620	18,467	7,216	11,250
Maine.....	41	3,222	2,032	712	1,357	565	792	222	2,748	813	1,936
Md.....	102	15,061	9,559	2,980	5,969	1,965	4,004	1,071	12,555	4,759	7,796
Mass.....	149	26,618	15,029	5,666	9,602	6,111	3,491	1,713	19,234	8,997	10,236
Mich.....	372	48,730	29,653	11,422	19,556	7,073	12,483	3,289	39,809	10,963	28,847
Minn.....	762	27,494	16,652	6,309	9,647	4,843	4,804	1,858	21,916	7,519	14,397
Miss.....	183	10,585	6,244	2,812	3,404	1,320	2,084	762	9,198	3,196	6,002
Mo.....	727	32,142	19,116	7,831	10,346	4,687	5,679	2,234	25,367	10,245	15,122
Mont.....	165	4,891	3,087	1,151	1,587	754	833	361	4,321	1,363	2,958
Nebr.....	461	10,503	6,416	2,304	2,112	1,320	792	820	8,962	3,476	5,485
Nev.....	9	3,632	2,189	810	1,567	513	1,054	262	3,127	1,339	1,787
N.H.....	79	3,023	2,038	564	1,428	443	985	225	2,645	692	1,953
N.J.....	176	34,005	19,612	9,253	13,471	4,819	8,652	2,223	28,673	10,406	18,266
N. Mex.....	87	5,423	3,348	1,191	1,831	974	857	369	4,727	1,752	2,975
N.Y. <sup>1</sup> .....	302	262,221	138,004	33,384	81,253	63,402	17,851	17,797	168,483	92,414	76,070
N.C.....	83	21,572	12,497	4,848	6,654	3,910	2,744	1,430	16,968	6,806	10,161
N. Dak.....	175	4,870	3,035	1,246	1,545	704	841	364	4,157	1,328	2,829
Ohio.....	408	51,908	29,617	13,326	17,775	7,663	10,112	4,114	40,622	13,767	26,855
Okl.....	496	19,703	11,408	4,884	5,962	3,291	2,671	1,425	16,781	6,742	10,038
Oreg.....	80	12,483	7,679	2,105	4,966	2,417	2,549	722	10,223	3,457	6,766
Pa.....	378	77,761	46,414	18,473	30,240	14,190	16,050	5,292	59,540	18,878	40,661
R.I.....	17	6,009	3,832	1,212	3,011	1,220	1,791	358	4,586	1,155	3,431
S.C.....	85	6,964	3,973	1,706	1,881	939	942	543	5,810	3,023	2,787
S. Dak.....	155	4,675	3,009	1,066	1,287	626	661	341	4,184	1,185	2,999
Tenn.....	352	21,918	13,332	4,946	7,438	3,185	4,253	1,540	18,495	6,282	12,232
Tex.....	1,427	95,603	55,787	21,007	31,561	20,086	11,475	6,641	77,734	33,534	44,200
Utah.....	76	6,334	4,085	1,061	2,621	1,180	1,441	385	5,413	1,958	3,455
Vt.....	30	2,213	1,528	447	1,144	300	844	142	1,989	454	1,535
Va.....	234	22,250	13,847	4,971	8,435	3,058	5,377	1,621	18,758	6,245	12,513
Wash.....	110	20,825	14,005	2,403	8,734	5,234	3,500	1,218	16,421	5,904	10,518
W. Va.....	235	9,484	5,535	2,813	3,323	831	2,492	817	8,029	2,216	5,813
Wis.....	636	25,417	15,905	5,992	10,782	3,762	7,020	1,751	20,798	6,502	14,296
Wyo.....	94	3,083	1,827	767	1,045	524	521	243	2,735	1,042	1,693
P. Rico <sup>2</sup> .....	20	10,915	5,502	2,308	3,159	1,848	1,311	373	8,217	1,959	6,258
Guam <sup>3</sup> and Samoa.....	4	462	298	25	204	94	110	8	374	125	249
V.I. <sup>4</sup> .....	6	840	576	22	337	134	203	-	734	111	623

- Represents zero.

<sup>1</sup>Includes data for 18 insured branches operated by 3 State nonmember banks in Puerto Rico.<sup>2</sup>Includes data for 25 insured branches operated by 2 national banks in New York.<sup>3</sup>Consists of data for 11 insuredbranches located in Guam operated by 2 State nonmember banks in Hawaii, 1 State nonmember bank and a national bank in California, and 2 national banks in New York. <sup>4</sup>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.Source: U.S. Federal Deposit Insurance Corporation, *Assets and Liabilities: Commercial and Mutual Savings Banks*, semiannual.



**NO. 882. LARGEST COMMERCIAL BANKS—FINANCIAL DATA, BY RANK OF ASSETS: 1960 TO 1979**

[In billions of dollars, except percent. As of December 31. See also table 879]

ASSET GROUP	ASSETS					DEPOSITS				
	1960	1965	1970	1975	1979	1960	1965	1970	1975	1979
Total of 50 largest.....	96.6	146.7	220.0	348.0	517.1	85.5	124.6	173.9	265.9	347.0
Percent of all commercial banks.....	39.1	39.4	34.3	35.7	36.0	38.5	38.4	32.2	33.5	31.3
Lowest ten.....	6.6	9.2	16.4	23.0	34.5	5.9	8.1	13.5	17.6	24.7
Second ten.....	8.1	12.1	19.5	28.7	43.8	7.2	10.6	16.4	22.1	31.7
Third ten.....	10.4	14.8	24.2	34.1	54.8	9.3	12.9	20.0	25.6	38.1
Fourth ten.....	19.3	28.9	42.4	67.2	102.7	18.8	24.8	33.6	51.7	68.9
Highest ten.....	54.3	81.7	117.4	195.0	281.1	46.4	68.1	90.5	148.5	183.5
Percent of total.....	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	6.7	6.8	6.5	7.7	6.7	7.1
Second ten.....	8.2	8.2	8.9	8.2	8.5	8.4	8.5	9.4	8.3	9.2
Third ten.....	10.6	10.1	11.0	9.8	10.6	10.9	10.4	11.5	9.7	11.0
Fourth ten.....	19.5	19.7	19.3	19.3	19.8	19.6	19.9	19.3	19.4	19.8
Highest ten.....	55.0	55.7	53.4	56.1	54.4	54.3	54.7	52.0	55.9	52.9

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

**NO. 883. INSURED COMMERCIAL BANKS—SELECTED MEASURES OF FINANCIAL CONDITION: 1975 TO 1979**

[As of December 31]

ITEM	Unit	1975	1976	1977	1978	1979
Number of banks.....	Number.....	14,467	14,494	14,439	14,372	14,357
Equity and debt capital.....	Mill. dol.....	70,336	77,370	85,066	93,192	103,306
Equity capital to total assets.....	Percent.....	6.1	6.1	5.9	5.8	5.7
Equity capital to total deposits.....	Percent.....	8.5	7.3	7.1	7.1	7.1
Debt capital to total capital.....	Percent.....	6.3	6.7	6.9	6.6	6.1
Total capital to total assets.....	Percent.....	6.5	6.6	6.4	6.2	6.1
Total capital to total liabilities.....	Percent.....	6.9	7.0	6.8	6.6	6.5
Total capital to risk assets.....	Percent.....	9.0	9.1	8.8	8.5	8.3
Total loans, excluding Federal funds.....	Mill. dol.....	579,357	626,892	722,387	828,469	931,198
Total loans to deposits.....	Percent.....	63.4	63.2	64.7	67.4	68.4
Net loan losses to average total loans.....	Percent.....	.81	.64	.47	.37	.34
Aggregate net operating income <sup>1</sup> .....	Mill. dol.....	7,146	7,615	8,726	10,899	13,128
Aggregate net income to average equity capital.....	Percent.....	11.3	11.0	11.5	13.1	14.3
Aggregate net income to total assets.....	Percent.....	.72	.73	.75	.82	.88

<sup>1</sup> After taxes and before security transactions.Source: U.S. Federal Deposit Insurance Corporation, *The Condition of the Financial System*, May 1980.**NO. 884. U.S. BANKING INSTITUTIONS OWNED BY FOREIGN BANKS—ASSETS AND LIABILITIES: 1972 TO 1979**

[In billions of dollars, except as indicated. As of December. Institutions include commercial banks, investment companies, agreement corporations, branches, and agencies]

ITEM	1972	1973	1974	1975	1976	1977	1978	1979
Number of institutions.....	105	119	160	179	196	247	295	334
Assets <sup>1</sup> .....	26.1	36.6	55.4	63.7	74.8	92.7	127.6	168.4
Bonds, stocks, and other securities.....	2.2	2.5	3.8	3.9	4.8	5.1	6.1	7.3
Loans, gross <sup>1</sup> .....	14.0	19.4	28.7	32.3	38.4	47.9	72.0	93.9
Commercial and industrial loans.....	9.3	12.9	19.1	20.5	20.0	22.7	33.4	46.8
To commercial banks in the U.S.....	1.7	3.0	3.5	5.3	6.3	9.7	12.8	18.1
To banks in foreign countries.....	.6	1.3	2.4	2.6	8.3	7.9	14.2	12.7
Assets due from directly related institutions.....	4.0	7.3	11.1	13.3	15.5	18.4	23.8	36.1
Cash assets.....	3.8	4.9	8.0	9.6	11.2	16.0	17.8	21.0
Liabilities <sup>1</sup> .....	26.1	36.6	55.4	63.7	74.8	92.7	127.6	168.4
Demand deposits or credit balances.....	4.8	5.5	9.7	9.5	12.0	16.4	19.9	22.2
Time and savings deposits.....	4.1	5.8	8.6	13.9	14.9	18.7	27.4	34.5
Borrowing from other than directly related institutions.....	3.3	9.0	12.8	13.5	15.5	19.4	30.0	40.5
Liabilities due to directly related institutions.....	11.3	13.1	19.1	20.6	25.9	30.9	40.4	58.5

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

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

# NO. 885. SAVINGS AND LOAN ASSOCIATIONS—FINANCIAL ITEMS: 1960 TO 1979

[In billions of dollars, except number of associations. As of December 31, except as indicated. Includes Puerto Rico and Guam. See headnote, table 886. Beginning 1965, excludes associations which have either liquidated or converted to banks; for details, see source. See also *Historical Statistics, Colonial Times to 1970*, series X 834-844]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979, prel.
Number of associations .....	6,320	6,185	5,669	5,298	5,170	5,086	4,931	4,821	4,761	4,725	4,709
Number insured .....	4,098	4,508	4,365	4,191	4,163	4,141	4,078	4,044	4,065	4,053	4,039
<b>Total assets</b> .....	<b>71.5</b>	<b>129.6</b>	<b>176.2</b>	<b>243.1</b>	<b>271.9</b>	<b>295.5</b>	<b>338.2</b>	<b>391.9</b>	<b>459.2</b>	<b>523.6</b>	<b>579.3</b>
Cash and investment securities .....	7.9	12.1	16.5	24.4	21.1	23.3	30.9	35.7	39.2	44.9	46.5
Mortgage loans outstanding <sup>1</sup> .....	60.1	110.3	150.3	206.2	231.7	249.3	278.6	323.0	381.2	432.9	475.8
Other assets .....	3.5	7.2	9.3	12.6	19.1	22.9	28.7	33.2	38.9	45.9	57.0
<b>Total liabilities</b> .....	<b>66.5</b>	<b>120.9</b>	<b>163.8</b>	<b>227.9</b>	<b>254.8</b>	<b>277.1</b>	<b>318.5</b>	<b>369.9</b>	<b>434.0</b>	<b>494.6</b>	<b>546.7</b>
Savings capital .....	62.1	110.4	146.4	206.8	227.0	243.0	285.7	335.9	386.8	431.0	470.2
Other <sup>2</sup> .....	4.4	10.5	17.4	21.1	27.9	34.1	32.7	34.0	47.2	63.6	76.5
Net worth .....	(NA)	(NA)	12.4	15.2	17.1	18.4	19.8	22.0	25.2	29.0	32.6
<b>Mortgage loans made during year</b> <sup>1,3,4</sup> .....	<b>14.3</b>	<b>24.2</b>	<b>21.4</b>	<b>51.4</b>	<b>49.4</b>	<b>39.0</b>	<b>55.0</b>	<b>78.8</b>	<b>107.4</b>	<b>110.3</b>	<b>100.5</b>
Home construction <sup>4</sup> .....	6.7	6.0	4.2	8.5	8.4	6.5	8.7	13.0	18.2	20.1	18.6
Home purchase <sup>4</sup> .....	4.1	10.8	10.2	26.6	28.2	22.6	30.7	45.7	62.5	65.6	60.7
Net new savings <sup>5</sup> .....	(NA)	(NA)	5.3	23.9	10.5	4.7	29.3	34.4	32.0	23.5	15.0

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

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

# NO. 886. SAVINGS AND LOAN ASSOCIATIONS—SELECTED FINANCIAL ITEMS, STATES AND OTHER AREAS: 1978

[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 885, 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	STATE OR OTHER AREA	Number of associations	Total assets	Mortgage loans outstanding	Savings capital
<b>Total</b> .....	<b>4,725</b>	<b>520,966</b>	<b>431,384</b>	<b>429,141</b>	Montana .....	15	997	867	825
Alabama .....	61	4,313	3,580	3,739	Nebraska .....	44	4,493	3,772	3,540
Alaska .....	4	290	242	216	Nevada .....	7	1,947	1,542	1,471
Arizona .....	16	5,121	4,015	4,195	New Hampshire .....	17	1,015	863	858
Arkansas .....	75	3,697	3,046	3,253	New Jersey .....	217	20,319	15,108	17,071
California .....	170	95,518	80,768	74,896	New Mexico .....	34	2,066	1,727	1,723
Colorado .....	48	7,853	6,613	6,067	New York .....	127	24,927	17,640	20,690
Connecticut .....	38	3,759	3,002	3,258	North Carolina .....	197	10,472	9,094	9,106
Delaware .....	18	279	247	224	North Dakota .....	12	1,925	1,611	1,543
District of Columbia .....	16	4,738	4,216	3,749	Ohio .....	400	34,659	28,812	28,749
Florida .....	122	39,827	32,393	34,291	Oklahoma .....	59	4,794	3,965	3,879
Georgia .....	96	9,378	8,036	7,948	Oregon .....	28	5,968	4,959	4,724
Hawaii .....	7	2,255	1,930	1,690	Pennsylvania .....	400	21,773	18,268	17,970
Idaho .....	12	934	816	744	Rhode Island .....	6	718	616	607
Illinois .....	387	38,868	32,167	32,117	South Carolina .....	74	5,432	4,705	4,693
Indiana .....	166	9,355	7,802	8,022	South Dakota .....	18	949	764	804
Iowa .....	78	6,320	5,367	5,325	Tennessee .....	97	6,392	5,453	5,291
Kansas .....	83	6,215	5,460	5,079	Texas .....	320	27,996	22,949	22,942
Kentucky .....	105	5,184	4,442	4,545	Utah .....	16	3,411	2,996	2,386
Louisiana .....	122	7,007	5,909	6,064	Vermont .....	7	228	193	195
Maine .....	21	615	508	521	Virginia .....	85	7,950	6,919	6,751
Maryland .....	206	9,434	8,166	7,762	Washington .....	50	8,507	7,343	6,542
Massachusetts .....	165	7,730	5,904	6,698	West Virginia .....	35	1,362	1,113	1,151
Michigan .....	65	15,261	12,991	13,253	Wisconsin .....	117	10,971	9,525	9,081
Minnesota .....	62	9,200	7,697	7,550	Wyoming .....	12	735	612	619
Mississippi .....	60	2,496	2,028	2,146	Puerto Rico .....	12	1,639	1,340	1,268
Missouri .....	114	13,628	11,239	11,267	Guam .....	2	65	46	52

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

## No. 887. MUTUAL SAVINGS BANKS—ASSETS AND LIABILITIES: 1960 TO 1979

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

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
Number of banks .....	515	506	494	482	480	476	473	467	465	463
<b>Assets</b> <sup>1</sup> .....	<b>40.6</b>	<b>58.2</b>	<b>79.2</b>	<b>108.7</b>	<b>109.5</b>	<b>121.1</b>	<b>134.8</b>	<b>147.3</b>	<b>158.2</b>	<b>157.9</b>
Loans and discounts, gross <sup>2</sup> .....	27.1	45.3	60.4	77.1	78.7	81.3	88.8	94.4	102.4	104.5
Real estate loans .....	26.9	44.6	57.9	73.2	74.9	77.2	81.6	88.2	95.2	95.7
Securities .....	12.0	11.0	16.2	25.2	26.0	34.2	42.0	46.6	47.8	46.1
U.S. Government .....	10.5	6.3	5.0	7.0	6.8	10.8	14.8	17.4	18.0	18.6
Other securities .....	1.5	4.7	11.2	18.2	18.1	23.4	27.2	29.1	29.8	27.5
<b>Liabilities and surplus</b> .....	<b>40.6</b>	<b>58.2</b>	<b>79.2</b>	<b>108.7</b>	<b>109.5</b>	<b>121.1</b>	<b>134.8</b>	<b>147.3</b>	<b>158.2</b>	<b>157.9</b>
Deposits .....	36.4	52.8	72.1	97.2	99.4	110.6	123.7	134.9	143.7	142.0
Miscellaneous liabilities .....	.7	.8	1.2	1.9	2.2	2.1	2.1	2.4	3.6	5.2
Surplus accounts .....	3.6	4.7	5.9	7.6	8.0	8.4	9.1	10.0	10.9	10.7

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

<sup>2</sup> Prior to 1970, data net of valuation reserves.

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

## No. 888. SELECTED FEDERAL CREDIT AGENCIES—BALANCE SHEET ITEMS: 1960 TO 1979

[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	1973	1974	1975	1976	1977	1978	1979
<b>Federal home loan banks (FHLB):</b>										
Assets: Advances to members .....	2.0	6.0	10.6	15.1	21.8	17.8	15.9	20.2	32.7	41.8
Investments .....	1.2	1.6	3.9	3.4	3.1	4.4	6.1	3.7	3.4	3.7
Liabilities: Bonds and notes .....	1.3	5.2	10.2	15.4	21.9	18.9	16.8	18.3	27.6	33.3
Deposits and borrowings .....	.9	1.0	2.3	1.7	2.5	2.7	4.0	4.3	6.2	9.4
Capital stock .....	1.0	1.3	1.6	2.1	2.6	2.7	2.9	3.3	4.1	5.1
<b>FNMA:</b> <sup>1</sup>										
Assets: Mortgage loans .....	2.8	2.5	15.5	24.2	29.6	31.8	32.9	34.4	43.3	51.1
Liabilities: Debentures <sup>2</sup> .....	2.5	1.9	15.2	23.0	28.2	30.0	30.6	31.9	41.1	48.5
<b>Banks for cooperatives:</b>										
Assets: Loans to cooperatives .....	.6	1.1	2.0	2.6	3.6	4.0	4.4	5.7	6.1	8.1
Liabilities: Debentures .....	.4	.8	1.8	2.7	3.6	3.7	4.3	4.4	4.8	.6
<b>Federal intermediate credit banks:</b>										
Assets: Loans and discounts .....	1.5	2.5	5.0	7.2	8.8	10.0	11.3	12.8	15.7	19.1
Liabilities: Debentures .....	1.5	2.3	4.8	6.9	8.6	9.3	10.5	11.2	11.5	2.7
<b>Federal land banks:</b>										
Assets: Loans .....	2.6	4.3	7.2	11.1	13.6	16.6	19.1	22.8	25.6	31.0
Liabilities: Bonds .....	2.2	3.7	6.4	10.1	12.7	15.0	17.1	19.1	20.4	16.0
<b>Farm credit banks:</b> <sup>3</sup>										
Consolidated notes and bonds .....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	2.5	5.1	33.2

X Not applicable.

<sup>1</sup> Secondary market operations of Federal National Mortgage Association.

<sup>2</sup> Includes notes.

<sup>3</sup> 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. 889. FEDERAL AND STATE-CHARTERED CREDIT UNIONS—SUMMARY: 1960 TO 1979

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

YEAR	CREDIT UNIONS REPORTING <sup>1</sup>		MEMBERS (1,000)		ASSETS (mil. dol.)		LOANS OUTSTANDING (mil. dol.)		SAVINGS (mil. dol.)	
	Federal	State <sup>2</sup>	Federal	State <sup>2</sup>	Federal	State <sup>2</sup>	Federal	State <sup>2</sup>	Federal	State <sup>2,3</sup>
1960 .....	9,905	10,151	6,087	5,971	2,670	2,989	2,021	2,381	2,344	2,837
1965 .....	11,543	10,521	8,641	8,115	5,166	5,385	3,865	4,233	4,538	4,882
1970 .....	12,977	10,679	11,966	10,853	8,861	9,089	6,969	7,137	7,629	7,857
1973 .....	12,688	10,191	14,666	12,886	14,589	13,806	11,109	10,650	12,598	11,914
1974 .....	12,748	10,105	15,870	13,581	16,715	15,233	12,730	11,702	14,371	13,148
1975 .....	12,737	9,871	17,066	14,196	20,209	17,804	14,869	13,300	17,530	15,522
1976 .....	12,757	9,775	18,624	15,129	24,396	20,640	18,311	15,989	21,130	17,968
1977 .....	12,750	9,580	20,427	16,375	29,688	24,500	22,718	19,389	25,976	21,120
1978 .....	12,759	9,347	23,259	17,461	34,760	27,588	27,687	22,582	29,803	23,715
1979, prel. ....	12,769	9,300	24,965	18,500	35,934	29,920	28,698	24,427	30,530	25,702

<sup>1</sup> Does not represent number chartered; reports not received from all unions in operation, and some are inactive; Federal unions reporting is same as number in operation. <sup>2</sup> No State or local credit union law in Alaska, Del., S. Dak., Wyo., and for 1960-1975, Hawaii and Nev. <sup>3</sup> Includes members' deposits.

Source: 1960-1965, 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. 890. FOREIGN LENDING BY LARGE U.S. BANKS, BY COUNTRY, 1977 TO 1979, AND BY TYPE OF BORROWER AND MATURITY, 1978 AND 1979**

[In millions of dollars. As of December. Covers 119 banks in 1977, 129 in 1978 and 130 in 1979 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	1977, Total claims <sup>1</sup>	1978					1979				
		Total claims <sup>1</sup>	Bank bor- rowers	Public bor- rowers	Maturi- ty, 1 year or less	Total claims <sup>1</sup>	Bank borrowers		Public bor- rowers	Maturity, <sup>1</sup> year or less	
							Total	Per- cent <sup>2</sup>		Total	Per- cent <sup>2</sup>
<b>Total <sup>3</sup></b>	<b>194,575</b>	<b>217,341</b>	<b>116,434</b>	<b>39,106</b>	<b>147,826</b>	<b>246,165</b>	<b>136,129</b>	<b>55.3</b>	<b>42,560</b>	<b>174,383</b>	<b>70.8</b>
Algeria	1,541	1,830	428	1,111	434	1,799	301	16.7	1,178	396	22.0
Argentina	2,640	2,753	690	1,041	1,479	4,824	1,988	40.8	1,156	2,987	61.9
Australia	1,465	1,598	392	128	709	1,597	343	21.5	243	855	53.5
Austria	938	1,122	958	81	995	1,496	1,319	88.2	80	1,354	90.5
Bahamas	9,700	9,012	8,524	21	8,547	11,984	11,294	94.2	21	11,227	93.7
Bahrain	1,215	1,208	1,103	8	1,158	2,295	2,144	93.4	93	2,192	95.5
Belgium											
Luxembourg	6,660	6,694	6,140	85	6,374	9,093	8,216	90.4	260	8,735	96.1
Bolivia	446	590	83	292	304	549	83	15.1	268	278	50.6
Brazil	11,993	13,438	4,909	3,110	4,719	13,584	4,634	34.1	4,089	5,319	39.2
British West Indies	2,751	4,446	4,396	4	4,396	7,502	7,362	98.1	51	7,344	97.9
Bulgaria	528	591	371	178	303	558	255	45.7	270	251	45.0
Canada	5,933	6,459	3,809	1,232	4,677	6,475	4,288	66.2	724	4,765	73.6
Chile	821	1,527	549	550	727	2,460	920	37.4	923	1,172	47.6
China:											
Mainland	(NA)	28	9	9	14	95	45	47.4	25	54	56.8
Taiwan	2,806	3,316	1,283	867	2,340	3,570	1,227	34.4	1,015	2,524	70.7
Colombia	1,293	1,497	513	483	1,024	2,169	837	38.6	551	1,575	72.6
Denmark	1,666	2,182	765	527	1,146	2,483	906	36.5	655	1,213	48.9
Ecuador	1,040	1,561	351	108	470	1,577	317	20.1	621	767	48.6
Egypt	428	555	391	108	470	664	416	62.7	152	96	14.5
Finland	1,398	1,364	435	407	604	1,343	450	33.5	399	593	44.2
France	8,916	9,149	7,132	971	7,126	9,480	7,929	83.6	873	7,700	81.2
German Dem. Rep.	980	1,151	697	363	551	1,255	700	55.8	434	604	48.1
Germany, Fed. Rep.	5,654	5,274	3,205	157	4,264	5,490	2,555	46.5	179	4,059	73.9
Greece	1,757	1,919	233	608	803	2,197	224	10.2	754	1,081	49.2
Hong Kong	1,724	2,397	1,021	39	1,713	3,597	1,795	49.9	41	2,737	76.1
Hungary	896	927	244	577	382	1,046	307	29.3	689	442	42.3
Indonesia	2,199	2,215	370	922	960	2,094	378	18.1	843	1,165	55.6
Iran	2,202	2,626	1,276	945	1,241	609	276	34.1	353	341	42.2
Ireland	557	709	95	340	292	885	184	20.8	444	379	42.8
Israel	667	1,097	794	155	896	1,309	1,037	79.2	199	972	74.3
Italy	5,372	5,745	3,271	1,681	3,876	4,477	2,492	55.7	1,074	2,941	65.7
Japan	12,268	14,507	8,976	114	11,800	16,176	9,415	58.2	117	13,330	82.4
Korea, Rep. of	3,072	3,802	2,033	508	2,783	5,548	3,202	57.7	681	4,265	76.9
Kuwait	536	779	599	2	724	812	584	71.9	17	745	91.7
Liberia	1,835	2,217	24	84	541	2,337	25	1.1	112	802	34.3
Mexico	11,213	10,657	2,557	4,419	4,501	11,452	2,417	21.1	4,196	5,124	44.7
Morocco	462	598	84	476	138	655	134	20.5	480	226	34.5
Netherlands	2,827	3,612	2,773	11	3,115	3,966	3,116	78.6	22	3,428	86.4
Nicaragua	563	572	208	231	419	410	127	31.0	209	302	73.7
Nigeria	129	619	174	358	220	744	101	13.6	565	165	22.2
Norway	2,088	2,199	243	166	738	2,086	287	13.8	218	768	37.8
Panama	2,445	2,886	1,505	287	2,053	3,790	2,388	63.0	285	2,910	76.8
Peru	1,831	1,665	516	921	988	1,400	429	30.6	720	811	57.9
Philippines	2,050	2,853	927	610	1,838	4,025	1,403	34.9	1,231	2,766	68.7
Poland	1,314	1,315	671	441	499	1,855	1,112	59.9	601	1,089	58.7
Portugal	585	594	427	103	477	538	304	56.5	163	392	72.9
Saudi Arabia	592	918	363	48	796	1,321	226	17.1	175	1,076	81.5
Singapore	2,858	2,767	2,282	91	2,588	4,271	3,770	88.3	66	4,004	93.7
South Africa	2,278	2,004	377	776	1,184	1,363	398	29.2	443	802	58.6
Spain	3,580	3,478	1,165	766	1,696	3,562	1,478	41.5	698	1,851	52.0
Sweden	2,151	2,195	1,011	316	1,259	2,679	1,261	47.1	738	1,605	59.9
Switzerland	2,324	3,130	2,142	46	2,895	3,094	2,224	71.9	135	2,908	94.0
Thailand	857	1,236	856	155	1,024	1,622	1,151	71.0	219	1,263	77.9
Turkey	1,465	1,583	992	433	1,224	1,470	410	27.9	980	523	35.6
U.S.S.R.	1,552	1,186	747	363	475	679	418	61.6	189	306	45.1
Un. Arab Emirates	684	1,277	474	533	795	1,382	634	45.9	484	878	63.5
United Kingdom	31,505	35,280	26,582	1,667	29,055	36,136	28,710	75.3	1,778	32,226	84.5
Venezuela	5,374	7,529	1,338	3,221	5,102	8,668	984	11.4	3,794	5,768	66.5
Yugoslavia	1,150	1,630	764	235	506	2,000	1,081	54.1	260	725	36.3
Zaire	253	243	4	233	113	234	6	2.6	222	117	50.0

NA Not available. <sup>1</sup> Includes nonbank private borrowers and maturity over one year, not shown separately.  
<sup>2</sup> Percent of total claims. <sup>3</sup> Includes countries not shown separately.

Source: Board of Governors of the Federal Reserve System, press release; beginning 1979, Comptroller of the Currency, Federal Deposit Insurance Corporation, and Federal Reserve Board, joint news release.

# NO. 891. MORTGAGE ACTIVITY OF BANKS, INSURANCE COMPANIES, AND SAVINGS AND LOAN ASSOCIATIONS: 1960 TO 1979

[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 to 1970*, series N 266-267, X 836-839, and X 911]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
<b>Commercial banks:</b>											
Loans outstanding <sup>1</sup>	28.8	49.7	73.3	99.3	119.1	132.1	136.2	151.3	177.8	212.7	246.2
Nonfarm residential	20.4	32.4	45.6	62.8	74.9	82.4	82.9	94.3	111.7	136.3	159.7
FHA-insured	5.9	7.7	7.9	8.5	8.2	7.2	6.3	5.6	5.3	5.2	4.8
VA-guaranteed	2.9	2.7	2.6	3.2	3.3	3.2	3.1	3.0	3.0	2.8	2.7
Conventional	11.7	22.0	35.1	51.1	63.4	72.0	73.5	85.7	103.4	128.3	152.1
Other nonfarm	6.8	14.4	23.3	31.8	38.7	43.7	46.9	50.3	58.3	68.0	78.0
Farm	1.6	2.9	4.4	4.8	5.4	6.0	6.4	6.7	7.8	8.5	8.5
<b>Mutual savings banks:</b>											
Loans acquired	4.4	8.7	6.1	12.6	13.0	8.6	8.9	12.1	15.3	15.5	14.0
Loans outstanding <sup>2</sup>	26.9	44.6	57.9	67.6	73.2	74.9	77.2	81.6	88.1	94.4	99.7
Nonfarm residential	24.3	40.1	49.9	57.1	61.1	62.1	63.8	67.3	72.9	78.5	83.7
FHA-insured	7.1	13.8	16.1	16.0	15.5	14.8	14.4	14.6	14.0	13.8	13.8
VA-guaranteed	9.0	11.4	12.0	12.6	12.9	12.7	12.4	12.3	12.0	11.9	11.4
Conventional	8.2	14.9	21.8	28.5	32.7	34.6	37.0	40.4	46.9	52.9	58.5
Other nonfarm	2.8	4.5	7.9	10.4	12.0	12.7	13.3	14.3	15.2	15.9	16.0
<b>Life insurance companies:</b>											
Loans acquired	6.1	11.1	6.6	8.1	10.7	10.5	8.8	9.0	13.3	16.9	19.2
Nonfarm	5.6	10.0	6.3	7.4	9.7	9.5	7.7	7.5	10.9	14.2	16.2
Farm	.5	1.1	.3	.7	1.0	1.0	1.1	1.5	2.4	2.7	2.9
Loans outstanding	41.8	60.0	74.4	76.9	81.4	86.2	89.2	91.6	96.8	102.9	114.7
Nonfarm	38.8	55.2	68.7	71.3	75.4	79.9	82.4	84.1	87.9	92.4	102.5
FHA-insured	9.0	12.1	11.4	10.0	9.2	8.5	7.9	7.3	6.6	6.1	5.8
VA-guaranteed	6.9	6.3	5.4	4.7	4.4	4.2	3.9	3.6	3.3	3.2	3.0
Other	22.9	36.8	51.9	56.6	61.8	67.2	70.6	73.2	78.0	83.1	93.7
Farm	3.0	4.8	5.6	5.7	6.0	6.3	6.8	7.5	8.8	10.5	12.2
<b>Savings and loan associations:</b>											
Loans made <sup>3</sup>	14.3	23.8	25.8	60.6	60.0	47.8	62.6	90.7	123.8	128.2	116.9
Loans outstanding <sup>4</sup>	60.1	150.3	150.3	206.2	231.7	249.3	278.6	323.0	381.2	432.9	475.8
FHA-insured	3.5	5.1	10.2	15.4	15.1	14.5	16.5	14.7	13.9	13.2	13.0
VA-guaranteed	7.2	6.4	8.5	13.5	14.7	15.3	14.0	16.6	16.2	15.8	15.6
Conventional	49.3	88.8	131.7	177.3	202.0	219.4	248.0	291.7	351.0	403.9	447.2

<sup>1</sup> Includes loans held by nondeposit trust companies; excludes holdings of trust departments of commercial banks.

<sup>2</sup> Includes a small amount of farm loans not shown separately. <sup>3</sup> Includes Guam. <sup>4</sup> 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*.

# NO. 892. HOLDINGS OF CONSTRUCTION, LONG-TERM MORTGAGE, AND LAND LOANS, BY TYPE OF LOAN, 1970 TO 1979, AND BY LENDER, 1979

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

TYPE OF LOAN	1970	1975	1976	1977	1978	1979	1979				
							Total <sup>1</sup>	Lender			
								Savings and loan assn.	Commercial banks	Mutual savings banks	Federal credit agencies
<b>Mortgage credits, total</b>	<b>422.0</b>	<b>731.3</b>	<b>805.2</b>	<b>925.8</b>	<b>1,064.8</b>	<b>1,209.0</b>	<b>475.8</b>	<b>245.2</b>	<b>99.7</b>	<b>114.7</b>	<b>105.3</b>
Construction loans	18.3	41.4	37.2	45.0	54.2	61.9	21.7	29.8	1.9	.6	.9
1-4 unit family homes	5.4	12.9	15.3	22.0	26.2	28.1	14.9	10.7	.6	-	-
Multifamily residential	6.2	11.6	9.4	9.4	11.0	12.2	3.2	4.4	.8	-	.9
Nonresidential	6.5	16.9	12.5	13.6	16.9	21.5	3.6	14.7	.5	.6	-
Farm properties	.1	-	-	-	-	-	-	-	-	-	-
Long-term mortgage loans	399.5	678.8	757.3	871.0	999.8	1,135.8	448.8	212.1	97.6	113.6	105.4
1-4 unit family homes	266.9	434.5	493.0	578.7	677.6	784.0	382.5	138.2	67.3	15.5	58.7
FHA-insured	61.9	67.8	71.5	74.6	80.8	93.5	11.6	4.4	10.8	4.6	20.0
VA-guaranteed	37.2	56.8	61.7	69.1	75.3	85.5	15.6	2.7	11.4	3.0	11.2
Conventional	167.8	309.9	359.8	434.9	521.5	605.0	355.4	131.0	45.1	7.9	25.4
Multifamily	45.8	81.9	87.4	93.8	100.9	107.0	34.3	6.4	15.0	18.4	13.9
Nonresidential	66.4	128.4	139.0	154.8	171.3	187.2	31.5	59.1	15.3	67.5	4.7
Farm properties	20.3	33.8	37.9	43.7	49.9	57.6	.4	8.5	-	12.2	30.2
Land loans	4.2	11.1	10.7	9.8	10.9	11.4	5.3	4.3	.2	.4	-

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

Source: U.S. Dept. of Housing and Urban Development, *The Supply of Mortgage Credit, 1970-1979*.

## NO. 893. MORTGAGE DEBT OUTSTANDING, BY TYPE OF HOLDER: 1960 TO 1979

[In billions of dollars, except percent. As of Dec. 31. Includes Puerto Rico and Guam. 1979 data are preliminary. See also *Historical Statistics, Colonial Times to 1970*, series N 273 and N 276]

TYPE OF PROPERTY AND HOLDER	1960	1965	1970	1974	1975	1976	1977	1978	1979	PERCENT		
										1960	1970	1979
<b>Total</b> .....	<b>207</b>	<b>333</b>	<b>474</b>	<b>743</b>	<b>802</b>	<b>889</b>	<b>1,024</b>	<b>1,173</b>	<b>1,334</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Residential nonfarm.....	162	258	358	550	591	661	768	884	1,003	78.3	75.6	75.2
1- to 4-family homes.....	142	220	298	450	491	557	657	762	872	68.6	62.9	65.4
Savings and loan assns.....	55	94	125	202	224	261	311	356	394	26.6	26.4	29.5
Commercial banks.....	19	30	42	75	77	86	105	127	146	9.2	8.9	10.9
Mutual savings banks.....	21	34	42	49	50	53	58	62	85	10.1	8.9	4.9
Life insurance companies.....	25	30	27	19	18	16	15	14	16	12.1	5.6	1.2
Federal agencies.....	7	6	22	33	38	36	38	44	53	3.4	4.6	4.0
Individuals and others.....	15	26	40	72	84	105	133	159	198	7.2	8.5	14.8
5 or more units.....	20	37	60	100	101	105	112	122	131	9.7	12.7	9.8
Commercial.....	32	54	86	147	159	171	189	213	239	15.5	18.0	17.9
Farm.....	13	21	30	46	51	57	66	76	92	6.3	6.4	6.9

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

## NO. 894. CONSUMER CREDIT: 1960 TO 1980

[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	1972	1973	1974	1975	1976	1977	1978	1979	1980, May
<b>Credit outstanding</b> .....	<b>65.1</b>	<b>103.3</b>	<b>143.1</b>	<b>177.7</b>	<b>203.6</b>	<b>213.6</b>	<b>223.3</b>	<b>249.0</b>	<b>289.4</b>	<b>340.3</b>	<b>382.0</b>	<b>373.4</b>
Ratio to disposable personal income <sup>1</sup> (percent).....	18.5	21.0	20.4	21.2	24.3	21.0	19.8	21.2	19.1	22.0	22.5	(NA)
Installment.....	45.1	73.9	105.5	133.2	155.1	164.6	172.4	194.0	230.8	275.6	311.1	303.8
Automobile paper.....	18.1	29.4	36.3	47.9	53.8	54.3	57.2	67.7	82.9	102.5	115.0	114.3
Revolving.....	(NA)	(NA)	5.1	9.7	11.7	13.7	15.0	17.2	39.3	47.1	55.3	51.8
Mobile home paper.....	(NA)	(NA)	2.5	9.5	13.6	14.6	14.4	14.6	15.1	16.0	17.4	17.6
All other loans.....	27.0	44.5	61.6	66.1	76.0	82.0	85.7	94.5	93.5	110.1	123.4	120.0
Noninstallment.....	20.0	29.3	37.6	44.5	48.0	48.8	51.1	55.0	58.6	64.7	70.9	69.6
Single-payment loans.....	9.1	15.5	19.3	25.2	27.3	26.8	27.4	28.8	32.8	36.3	39.7	38.2
Charge accounts.....	7.2	8.3	9.2	10.3	10.7	11.2	11.7	13.2	11.0	12.0	12.6	12.2
Service credit.....	3.7	5.5	9.1	9.0	10.0	10.9	12.0	13.4	14.8	16.4	18.4	19.2
Installment credit:												
Extended.....	50.8	79.9	115.1	152.3	173.0	172.8	180.4	211.0	254.1	298.3	322.6	22.1
Repaid.....	47.0	71.6	110.4	136.8	152.8	163.3	172.7	189.4	218.8	253.5	287.1	24.5
Net change.....	3.8	8.3	4.7	15.0	20.2	9.5	7.8	21.6	35.3	44.8	35.5	-2.4
Repayment ratio to disposable income <sup>1</sup> (percent).....	18.8	15.2	16.2	17.1	17.0	16.5	16.0	15.9	16.8	17.5	17.7	(NA)
Life insurance policy loans <sup>2</sup> .....	5.2	7.7	16.1	18.0	20.2	22.9	24.5	25.8	27.6	30.1	34.8	38.9
Delinquency rate, bank installment loans <sup>3</sup> .....	1.93	1.81	2.14	2.19	2.53	3.13	2.77	2.57	2.62	2.71	2.93	2.64

NA Not available. <sup>1</sup> See table 738. <sup>2</sup> Source: American Council of Life Insurance, Washington, D.C. Year-end figures are annual statement asset values; month-end figures are book value of ledger assets. These loans are not included in "Credit outstanding." <sup>3</sup> Number of 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*.

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

## NO. 895. CONSUMER INSTALLMENT CREDIT OUTSTANDING, BY HOLDER: 1960 TO 1980

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

HOLDER	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, May
<b>Total</b> .....	<b>45.0</b>	<b>73.9</b>	<b>105.5</b>	<b>133.2</b>	<b>155.1</b>	<b>164.6</b>	<b>172.4</b>	<b>194.0</b>	<b>230.8</b>	<b>275.6</b>	<b>311.1</b>	<b>303.8</b>
Commercial banks.....	18.7	31.8	48.7	64.6	75.9	80.1	82.9	93.7	112.4	136.2	150.0	143.2
Finance companies.....	15.4	23.9	27.6	31.9	35.4	36.1	36.0	38.9	44.9	54.3	66.3	72.1
Credit unions.....	3.9	7.3	13.0	17.0	19.6	21.9	25.7	31.2	37.6	45.9	48.2	44.9
Retailers <sup>1</sup> .....	6.3	9.8	13.9	15.0	16.6	18.1	18.2	19.3	23.5	24.9	26.0	25.8
Other <sup>2</sup> .....	.7	1.1	2.3	4.8	7.6	8.4	9.5	10.9	12.4	14.3	17.1	17.8

<sup>1</sup> Excludes 30-day charge credit held by retailers, oil and gas companies, and travel and entertainment companies. <sup>2</sup> 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. 896. INSTALLMENT CREDIT—FINANCE RATES ON SELECTED TYPES OF CREDIT FOR COMMERCIAL BANKS AND FINANCE COMPANIES: 1972 TO 1980**

[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, May
<b>Commercial banks:</b>									
New automobiles (36 months).....	10.05	10.21	10.97	11.36	11.07	10.92	11.02	12.02	15.70
Mobile homes (84 months).....	10.79	10.94	11.45	11.82	11.75	11.97	12.09	12.77	15.96
Other consumer goods (24 months).....	12.46	12.60	12.99	13.08	13.02	12.97	13.19	13.85	16.31
Personal loans (12 months).....	12.68	12.83	13.26	13.41	13.50	13.39	13.61	14.09	16.42
Credit-card plans.....	17.21	17.21	17.21	17.16	17.05	16.89	17.03	17.03	17.31
<b>Finance companies:</b>									
New automobiles.....	11.90	12.08	12.61	13.12	13.17	13.14	13.14	13.48	15.24
Used automobiles.....	16.53	16.70	17.18	17.64	17.63	17.62	17.63	17.95	19.42
Mobile homes.....	12.42	12.78	13.29	13.63	13.44	13.58	13.43	13.64	15.96
Other consumer goods.....	19.35	18.87	19.09	19.78	19.51	19.21	19.04	19.08	16.31
Personal loans.....	21.09	20.61	20.74	20.97	21.04	20.54	20.52	20.49	21.16

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

# **NO. 897. PERCENT CREDIT-CARD USAGE, BY FAMILY CHARACTERISTICS, 1970 AND 1977, AND BY SELECTED TYPE OF CARD, 1977**

[Based on a sample survey of 2,563 households and subject to sampling variability; see source]

FAMILY CHARACTERISTIC	1970	1977, total	TYPE OF CREDIT CARD, 1977			FAMILY CHARACTERISTIC	1970	1977, total	TYPE OF CREDIT CARD, 1977		
			Gas- oline	Bank	Re- tail				Gas- oline	Bank	Re- tail
<b>All families.....</b>	<b>100</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>Age of head—Con.</b>					
Not using credit cards.....	50	40.2	68.5	65.4	50.3	45-54 years.....	60	68.4	39.1	39.8	56.3
Using credit cards.....	50	59.8	31.5	34.6	49.7	55-64 years.....	46	61.1	34.3	36.4	52.3
						65-74 years.....	37	48.7	26.6	20.1	38.9
						75 years and over.....	20	33.5	15.9	11.0	24.6
<b>Education of head:</b>						<b>Family income:</b>					
0-8 grades.....	43	30.4	(NA)	12.9	24.3	Less than \$3,000.....	(NA)	22.2	9.5	7.6	14.7
9-11 grades.....	40	44.8	(NA)	20.7	38.7	\$3,000-\$4,999.....	(NA)	23.8	10.3	5.4	18.5
High school.....	54	57.5	(NA)	30.8	44.0	\$5,000-\$7,499.....	(NA)	33.3	12.6	10.4	24.9
Some college.....	60	70.0	(NA)	40.5	58.5	\$7,500-\$9,999.....	(NA)	48.9	18.3	21.9	43.6
Bachelor's degree.....	81	87.1	(NA)	66.1	70.9	\$10,000-\$14,999.....	(NA)	62.6	28.3	28.7	50.0
Advanced degree.....	83	93.0	(NA)	75.4	78.2	\$15,000-\$19,999.....	(NA)	72.3	31.9	45.9	61.5
<b>Age of head:</b>						\$20,000-\$24,999.....	(NA)	82.1	50.4	55.7	75.3
Under 25 years.....	42	38.7	11.6	16.0	28.7	\$25,000 and over.....	(NA)	90.2	62.7	67.9	77.3
25-34 years.....	61	64.6	30.8	40.4	53.2						
35-44 years.....	57	72.4	42.0	49.3	63.0						

NA Not available.

Source: Board of Governors of the Federal Reserve System, *1977 Consumer Credit Survey*.

# **NO. 898. PRODUCTION OF U.S. COINS, BY DENOMINATION: 1965 TO 1979**

[In millions of pieces. Includes numismatic and uncirculated coins, as well as those produced for issue to the public. No gold coins have been minted since 1933; no standard silver dollars, since 1935. Public Law 93-127, Oct. 18, 1973, authorized the Secretary to mint and issue, after July 4, 1975, dollar, half-dollar, and quarter-dollar coins with designs emblematic of the Bicentennial, for general circulation; and production of 45 million numismatic silver-clad coins of same designs and denominations to be sold at premium prices]

YEAR	Total	Nonsilver dollars <sup>1</sup>	Silver- clad dollars <sup>1</sup>	Half dollars	Quarter dollars	Dimes	5-cent pieces	1-cent pieces
1965.....	7,920	(X)	(X)	186	1,339	1,315	2,016	3,064
1970.....	7,804	(X)	(X)	5	556	1,103	757	5,483
1972.....	8,307	168	7	298	530	765	557	5,982
1973.....	9,766	7	3	151	583	773	649	7,600
1974.....	11,657	65	3	194	587	1,044	882	8,882
1975.....	13,499	175	2 <sup>5</sup>	2 476	1,394	802	587	9,960
1976.....	12,179	63	3 <sup>2</sup>	3 860	1,268	935	890	8,900
1977.....	11,541	49	4 <sup>2</sup>	4 78	1,177	886	862	8,622
1978.....	12,405	62	6 <sup>2</sup>	6 31	812	950	708	9,842
1979.....	13,524	6 762	7 <sup>2</sup>	7 88	1,009	710	793	10,162

X Not applicable. Z Less than 500,000. <sup>1</sup> Public Law 91-607, Dec. 31, 1970, authorized Secretary of Treasury to mint and issue dollar coins for general circulation and half dollars of same composition as 25-cent and 10-cent pieces; and production of not more than 150 million numismatic silver-clad dollars to be sold to public at premium prices. <sup>2</sup> Includes 5 million silver-clad Bicentennial coins. <sup>3</sup> Includes 2 million silver-clad Bicentennial coins. <sup>4</sup> Includes 219,402 silver-clad Bicentennial coins. <sup>5</sup> Includes 84,242 silver-clad Bicentennial coins. <sup>6</sup> Public Law 95-447, Oct. 10, 1978, authorized production of the Susan B. Anthony dollar coin; production began in Jan. 1979. <sup>7</sup> Includes 312,268 Bicentennial silver-clad coins packaged and sold during 1979.

Source: U.S. Bureau of the Mint, *Annual Report of the Director*.

### NO. 899. MONEY STOCK AND MONEY IN CIRCULATION: 1950 TO 1979

(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	1950	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
<b>Total money stock</b> .....	37.9	42.4	50.2	68.1	78.7	85.9	93.0	92.1	100.1	111.9	124.7	138.5
Percent gold.....	63.9	45.6	27.7	15.5	13.3	13.5	12.5	12.6	11.6	10.5	9.4	8.1
<b>Bullion and coin, total</b> .....	28.1	24.2	18.9	17.1	18.1	19.7	20.3	21.2	21.8	22.4	22.9	23.7
Gold <sup>1</sup> .....	24.2	19.3	13.9	10.6	10.4	11.6	11.7	11.6	11.6	11.7	11.7	11.2
Cupronickel-clad dollars.....	-	-	-	-	.3	.3	.3	.5	.6	.6	.7	1.4
Subsidiary and minor coin.....	1.4	2.1	3.2	6.0	6.9	7.3	7.8	8.6	9.2	9.6	10.1	10.6
Other <sup>2</sup> .....	2.5	2.7	1.8	.5	.5	.5	.5	.5	.5	.5	.5	.5
<b>Paper currency, net</b> .....	35.3	39.8	46.0	61.5	70.8	77.7	84.3	82.5	89.9	101.1	113.4	125.9
Federal Reserve notes and bank notes.....	23.9	28.5	37.4	53.8	62.6	68.2	75.2	81.9	89.4	100.6	112.9	125.4
Gold certificates, net <sup>3,4</sup> .....	8.7	8.5	7.4	7.1	7.7	8.9	8.6	(2)	(2)	(2)	(2)	(2)
Other.....	2.8	2.8	1.2	.5	.5	.5	.5	.5	.5	.5	.5	.5
<b>Money in circulation</b> .....	27.2	32.1	39.7	57.1	66.5	72.5	79.7	86.5	93.7	103.8	114.6	125.6
Per capita (dol.).....	179	177	204	276	317	343	375	403	433	477	522	566

- Represents zero. Z Less than \$50 million. <sup>1</sup> 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. <sup>2</sup> Includes standard silver dollars. <sup>3</sup> Includes gold certificates outside Treasury, credits payable in gold certificates, and redemption fund for Federal Reserve notes. <sup>4</sup> 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, *Statistical Appendix to the Annual Report of the Secretary of the Treasury on the State of the Finances; Monthly Statement of United States Currency and Coin*, Form 1028; and unpublished data.

### NO. 900. MONEY IN CIRCULATION, BY DENOMINATION: 1960 TO 1979

(In millions of dollars. As of December 31)

DENOMINATION	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
<b>Total</b> <sup>1</sup> .....	32,869	42,056	57,093	66,516	72,497	79,743	86,547	93,717	103,811	114,645	125,600
<b>Coin and small currency</b> .....	23,521	29,842	39,639	45,105	48,288	51,606	54,865	57,645	62,543	66,693	70,693
Coin.....	2,427	4,027	6,281	7,287	7,759	8,332	8,959	9,483	10,071	10,739	11,658
\$1 <sup>2</sup> .....	1,533	1,908	2,310	2,523	2,639	2,720	2,809	2,858	3,038	3,194	3,308
\$2.....	88	127	136	135	135	135	135	637	650	661	671
\$5.....	2,246	2,618	3,161	3,449	3,614	3,718	3,841	3,905	4,190	4,393	4,549
\$10.....	6,691	7,794	9,170	9,827	10,226	10,503	10,777	10,775	11,361	11,661	11,894
\$20.....	10,536	13,369	18,581	21,883	23,915	26,197	28,344	29,987	33,233	36,045	38,613
<b>Large currency</b> .....	9,348	12,214	17,454	21,411	24,210	28,137	31,681	36,072	41,269	47,952	54,907
\$50.....	2,815	3,540	4,896	5,868	6,514	7,444	8,157	9,026	10,079	11,279	12,585
\$100.....	5,954	8,135	12,084	15,118	17,288	20,298	23,139	26,668	30,818	36,306	41,960
\$500.....	249	245	215	193	185	179	175	172	169	167	164
\$1,000.....	316	288	252	225	216	209	204	200	197	194	192
\$5,000.....	3	3	3	2	2	2	2	2	2	2	2
\$10,000.....	10	4	4	4	4	4	4	4	4	4	4

<sup>1</sup> Outside Treasury and Federal Reserve banks. <sup>2</sup> 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. 901. BANK DEBITS AND DEPOSIT TURNOVER: 1970 TO 1980

[Annual averages of monthly data, except as indicated]

ITEM	1970	1972	1973	1974	1975	1976	1977	1978	1979	1980, May <sup>1</sup>
<b>Debits to demand deposits (tril. dol.):</b>										
All commercial banks.....	11.3	15.0	18.9	22.9	25.0	29.2	34.3	40.3	49.8	61.4
Major New York City banks.....	4.0	5.5	6.8	8.4	9.7	11.5	13.9	15.0	18.5	25.5
Other banks.....	7.3	9.6	12.1	14.5	15.4	17.7	20.5	25.3	31.3	35.9
<b>Demand deposit turnover rate:<sup>2</sup></b>										
All commercial banks.....	63.4	73.3	84.8	99.0	105.3	116.8	129.2	139.3	163.0	203.3
Major New York City banks.....	170.0	230.2	274.1	321.6	356.9	411.6	503.0	542.0	645.0	871.8
Other banks.....	47.0	52.8	61.2	70.6	72.9	79.8	85.9	96.7	113.1	131.6

<sup>1</sup> Seasonally adjusted. <sup>2</sup> 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. 902. MONEY STOCK MEASURES AND COMPONENTS: 1960 TO 1980

[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	1973	1974	1975	1976	1977	1978	1979	1980, May
<b>Measures: <sup>1</sup></b>											
M-1A.....	142	169	215	264	275	288	305	328	352	370	368
M-1B.....	142	169	215	264	276	289	308	333	360	386	386
M-2.....	311	457	625	858	906	1,022	1,167	1,294	1,402	1,526	1,562
M-3.....	313	479	672	976	1,059	1,161	1,300	1,460	1,624	1,775	1,825
L.....	403	582	813	1,137	1,243	1,370	1,524	1,716	1,928	2,141	2,216
<b>Components:</b>											
Currency.....	29	36	49	62	68	74	81	89	98	108	110
Demand deposits.....	113	132	166	203	207	214	224	240	254	263	258
Other checkable deposits <sup>2</sup> .....	(NA)	(Z)	(Z)	(Z)	(Z)	1	3	4	8	17	18
Savings deposits.....	158	255	257	322	334	384	448	487	476	417	373
Small denomination time deposits <sup>3</sup> .....	13	35	153	266	289	340	397	455	534	657	718
Large denomination time deposits <sup>4</sup> .....	2	21	44	111	144	130	118	145	195	219	235
Short-term Treasury securities.....	37	41	49	50	53	77	81	90	99	128	151
Savings bonds.....	46	50	52	60	63	67	72	77	81	80	74
Money market mutual fund shares <sup>5</sup> .....	(NA)	(NA)	(NA)	(Z)	2	4	3	4	10	44	67
Commercial paper.....	5	10	35	42	50	48	52	63	79	97	100
Bankers' acceptances.....	1	2	3	5	11	9	9	12	23	29	29
Term repurchase agreements (RPs) <sup>6</sup> .....	(NA)	(NA)	1	7	8	9	14	21	27	31	27
Overnight repurchase agreements (RPs) <sup>7</sup> .....	(NA)	(NA)	1	9	7	8	14	18	22	22	20
Term Eurodollars <sup>8</sup> .....	1	2	2	4	7	8	10	14	23	32	38
Overnight Eurodollars <sup>9</sup> .....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1	2	4	3
<b>Annual percent change: <sup>9</sup></b>											
M-1A.....	7	3.6	5.0	5.4	4.2	4.6	5.9	7.7	7.1	5.1	.7
M-1B.....	7	3.6	5.0	5.5	4.3	4.8	6.5	8.1	8.2	7.4	1.6
M-2.....	4.7	8.0	6.5	7.0	5.6	12.8	14.1	10.9	8.2	8.9	9.7
M-3.....	5.0	8.9	7.1	11.2	8.5	9.7	11.9	12.4	11.1	9.5	8.9
L.....	3.9	7.7	6.9	11.7	9.3	10.2	11.2	12.6	12.3	11.2	8.4

NA Not available. Z Less than \$500 million. <sup>1</sup> M1-A is currency plus demand deposits; M1-B is M1-A plus other checkable deposits at banks and thrift institutions; M2 is M1-B plus overnight RPs and Eurodollars, 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 RPs at commercial banks and thrift institutions; and L is M3 plus other liquid assets such as term Eurodollars, savings bonds, short-term Treasury securities, bankers' acceptances, and commercial paper. <sup>2</sup> Not seasonally adjusted. <sup>3</sup> Issued in amounts of less than \$100,000. <sup>4</sup> 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. <sup>5</sup> From previous year shown: for 1960, from 1959. For average annual percent change, see Guide to Tabular Presentation.

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

## NO. 903. MONEY MARKET INTEREST RATES: 1960 TO 1980

[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	1973	1974	1975	1976	1977	1978	1979	1980 Jan.- June <sup>1</sup>
Federal funds, effective rate.....	3.22	4.07	7.18	8.73	10.50	5.82	5.04	5.54	7.93	11.19	13.87
Commercial paper, 3-month <sup>2</sup> .....	(NA)	(NA)	(NA)	8.20	10.01	6.25	5.24	5.55	7.94	10.97	12.86
Prime rate charged by banks.....	4.82	4.54	7.91	8.03	10.81	7.86	6.84	8.83	9.06	12.67	16.36
Eurodollar deposits, 3-month.....	(NA)	(NA)	8.52	9.28	11.04	7.03	5.58	6.03	8.78	11.96	14.46
Finance paper, 3-month <sup>3</sup> .....	3.54	4.21	7.18	7.41	8.65	6.15	5.20	5.49	7.80	10.47	11.85
Bankers acceptances, 90-day <sup>4</sup> .....	3.51	4.22	7.31	8.08	9.89	6.29	5.19	5.60	8.11	11.04	12.97
Large negotiable certificates of deposit, 3-month, secondary market.....	(NA)	4.35	7.56	8.41	10.24	6.44	5.27	5.64	8.22	11.22	13.28
Federal Reserve discount rate <sup>5</sup> .....	3-4	4-4½	5½-6	4½-7½	7½-8	6-7½	5½-6	5½-6	6-9½	9½-12	11-13
U.S. Government securities: <sup>6</sup>											
3-month Treasury bill.....	2.87	3.95	6.39	7.03	7.83	5.77	4.97	5.27	7.19	10.07	11.48
6-month Treasury bill.....	3.20	4.06	6.48	7.20	7.94	6.09	5.25	5.63	7.58	10.06	11.43
1-year Treasury bill.....	3.41	4.06	6.48	7.01	7.70	6.28	5.52	5.71	7.74	9.75	10.94
Prime 1-year municipals <sup>7</sup> .....	2.05	2.35	4.35	3.95	4.75	3.91	3.12	2.91	4.15	5.30	6.39

NA Not available. <sup>1</sup> Monthly average. <sup>2</sup> Averages of daily offering rates of dealers. <sup>3</sup> Placed directly; averages of daily offering rates quoted by finance companies. <sup>4</sup> Prior to Aug. 15, 1974, averages of the most representative daily offering rates of dealers; thereafter, averages of the midpoint of the range of daily dealer closing rates. <sup>5</sup> Federal Reserve Bank of New York, low and high. <sup>6</sup> Averages based on daily closing bid yields in secondary market, bank discount basis. <sup>7</sup> Averages based on quotations for one day each month. Source: Salomon Brothers, New York, N.Y., *An Analytical Record of Yields and Yield Spreads*.

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

## NO. 904. FEDERAL RESERVE BANK OF NEW YORK—DISCOUNT RATES: 1970 TO 1980

[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
1970: Nov. 13....	5%	1973: Jan. 15....	5	1975: Jan. 10....	7½	1978: Jan. 9.....	6½	1979: July 20.....	10
Dec. 4.....	5½	Feb. 26.....	5½	Feb. 5.....	6½	May 11.....	7	Aug. 17.....	10½
		May 4.....	5¾	Mar. 10.....	6½	July 3.....	7½	Sept. 19.....	11
1971: Jan. 8.....	5½	May 11.....	6	May 16.....	6	Aug. 21.....	7¾	Oct. 8.....	12
Jan. 22.....	5	June 11.....	6½			Sept. 22.....	8	1980: Feb. 15.....	13
Feb. 19.....	4¾	July 2.....	7	1976: Jan. 19.....	5½	Oct. 16.....	8½	May 30.....	12
July 16.....	5	Aug. 14.....	7½	Nov. 22.....	5½	Nov. 1.....	9½	June 13.....	11
Nov. 19.....	4¾	1974: Apr. 25.....	8	1977: Aug. 31.....	5¾			In effect June	
Dec. 17.....	4½	Dec. 9.....	7¾	Oct. 26.....	6			30, 1980.....	11

## NO. 905. BANK EFFECTIVE INTEREST RATES FOR COMMERCIAL AND INDUSTRIAL LOANS, CONSTRUCTION AND LAND DEVELOPMENT LOANS, AND FARM LOANS, BY SIZE OF LOAN: 1979 AND 1980

[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	AMOUNT (mil. dol.)		RATE (percent)		TYPE AND SIZE OF LOAN	AMOUNT (mil. dol.)		RATE (percent)	
	1979	1980	1979	1980		1979	1980	1979	1980
<b>Commercial and industrial loans:</b>					<b>Construction and land development loans</b>				
Short-term.....	8,576	11,317	12.34	17.75	\$1,000 to \$24,999.....	1,020	1,111	12.23	18.32
\$1,000 to \$24,999.....	950	886	12.30	17.90	\$25,000 to \$49,999.....	97	92	12.39	17.14
\$25,000 to \$49,999.....	637	518	12.69	18.78	\$50,000 to \$99,999.....	109	114	11.94	15.68
\$50,000 to \$99,999.....	589	697	13.02	18.95	\$100,000 to \$499,999.....	131	199	11.89	18.69
\$100,000 to \$499,999.....	1,428	2,159	12.61	18.49	\$500,000 and over.....	308	495	12.36	19.56
\$500,000 to \$999,999.....	674	721	12.68	19.13		375	211	12.28	16.99
\$1 million and over.....	4,299	6,336	12.07	17.10	<b>Farm loans</b>	1,057	1,211	11.20	17.38
Long-term.....	1,485	1,340	12.08	18.37	\$1,000 to \$9,999.....	201	164	10.56	16.46
\$1,000 to \$99,999.....	423	171	11.57	18.26	\$10,000 to \$24,999.....	181	168	10.69	16.98
\$100,000 to \$499,999.....	376	181	11.80	18.64	\$25,000 to \$49,999.....	145	169	10.73	17.10
\$500,000 to \$999,999.....	127	106	12.90	18.62	\$50,000 to \$99,999.....	179	134	10.89	17.38
\$1 million and over.....	558	882	12.48	18.30	\$100,000 to \$249,999.....	157	241	11.97	17.40
					\$250,000 and over.....	194	335	12.35	18.14

## NO. 906. TIME AND SAVINGS DEPOSITS HELD BY INSURED COMMERCIAL BANKS—DEPOSITS AND INTEREST RATES: 1977 TO 1980

TYPE OF DEPOSIT, DENOMINATION, AND ORIGINAL MATURITY	DEPOSITS (bil. dol.)				TYPE OF DEPOSIT, DENOMINATION, AND ORIGINAL MATURITY	INTEREST RATES PAYABLE (percent)			
	1977, July	1978, July	1979, July	1980, April		1977, July	1978, July	1979, July	1980, April
<b>Savings and time deposits<sup>1</sup></b>	518.1	576.4	625.1	686.7	<b>Savings and small-denomination time deposits<sup>1</sup></b>	5.54	5.65	6.25	7.97
Savings.....	215.4	220.6	217.5	190.2	Savings.....	4.91	4.93	5.15	5.18
Interest-bearing time deposits, less than \$100,000 <sup>1</sup> .....	167.4	175.3	211.6	272.3	Interest-bearing time deposits, less than \$100,000 <sup>1</sup> .....	6.35	6.35	6.63	6.69
Other than domestic governmental units.....	162.7	163.2	140.3	98.0	Other than domestic governmental units.....	6.38	6.35	6.64	6.70
30 to 90 days.....	7.6	5.4	2.8	1.8	30 to 90 days.....	4.99	4.83	4.97	5.14
90 to 180 days.....	31.6	29.4	23.5	16.7	90 to 180 days.....	5.45	5.47	5.48	5.65
180 days to 1 year.....	4.7	3.2	2.8	2.2	180 days to 1 year.....	5.48	5.49	5.47	5.65
1 to 2½ years.....	34.2	32.9	23.5	13.6	1 to 2½ years.....	5.98	5.99	5.99	5.98
2½ to 4 years.....	18.8	18.3	14.7	9.3	2½ to 4 years.....	6.48	6.49	6.46	6.47
4 to 6 years.....	51.7	50.9	46.0	33.2	4 to 6 years.....	7.17	7.22	7.26	7.22
6 to 8 years.....	14.1	21.7	23.9	18.8	6 to 8 years.....	7.45	7.48	7.49	7.48
8 years or more.....	(x)	1.4	3.2	2.4	8 years or more.....	(x)	7.61	7.69	7.68
IRA and Keogh Plans <sup>2</sup> .....	(x)	2.8	4.5	5.1	IRA and Keogh Plans <sup>2</sup> .....	(x)	7.62	7.86	9.24
Money market certificates <sup>3</sup> .....	(x)	5.4	64.2	158.6	Money market certificates <sup>3</sup> .....	(x)	7.42	9.25	11.86
Small saver certificates <sup>4</sup> .....	(x)	(x)	(x)	8.8	Small saver certificates <sup>4</sup> .....	(x)	(x)	(x)	11.68
Interest-bearing time deposits, \$100,000 or more.....	128.6	174.0	189.3	218.6					

X Not applicable. <sup>1</sup> Includes types not shown separately. <sup>2</sup> Time deposits, 3 years or more. <sup>3</sup> \$10,000 or more, exactly 6 months. <sup>4</sup> 2½ year floating-rate certificates.Source of tables 904-906: Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*, monthly.

## NO. 907. BOND YIELDS, STOCK YIELDS, AND MORTGAGE RATES: 1960 TO 1979

[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	1972	1973	1974	1975	1976	1977	1978	1979
U.S. Treasury, constant maturities: <sup>1</sup>											
3-year.....	3.98	4.22	7.29	5.72	6.95	7.82	7.49	6.77	6.69	8.29	9.71
5-year.....	4.09	4.25	7.38	5.98	6.87	7.80	7.77	7.18	6.99	8.32	9.52
10-year.....	4.12	4.28	7.35	6.21	6.84	7.56	7.99	7.61	7.42	8.41	9.44
20-year.....	4.05	4.27	6.86	6.01	7.12	8.05	8.19	7.86	7.67	8.48	9.33
U.S. Govt., 3-5 year issues <sup>2</sup> .....	3.99	4.22	7.37	5.85	6.92	7.81	7.55	6.94	6.85	8.30	9.58
U.S. Govt., long-term bonds <sup>2,3</sup> .....	4.01	4.21	6.59	5.63	6.30	6.99	6.98	6.78	7.06	7.89	8.74
State and local govt. bonds, Aaa <sup>4</sup> .....	3.26	3.16	6.12	5.04	4.99	5.89	6.42	5.66	5.20	5.52	5.92
State and local govt. bonds, Baa <sup>4</sup> .....	4.22	3.57	6.75	5.60	5.47	6.53	7.62	7.49	6.12	6.27	6.73
High-graded municipal bonds (Standard & Poor's) <sup>5</sup> .....	3.73	3.27	6.51	5.27	5.18	6.09	6.89	6.49	5.56	5.90	6.39
Municipal (Bond Buyer, 20 bonds).....	3.52	3.27	6.35	5.26	5.19	6.17	6.05	6.64	5.68	6.03	6.52
Corporate Aaa seasoned <sup>4</sup> .....	4.41	4.49	8.04	7.21	7.44	8.57	8.83	8.43	8.02	8.73	9.83
Corporate Baa seasoned <sup>4</sup> .....	5.19	4.87	9.11	8.16	8.24	9.50	10.31	9.75	8.97	9.49	10.69
Corporate Aaa utility bonds <sup>4</sup> .....	4.73	4.57	8.72	7.37	7.67	9.01	9.17	8.46	8.12	8.90	9.82
Corporate, by years to maturity: <sup>4</sup> 5 yr.....	4.73	4.29	8.10	6.50	6.85	7.47	7.70	7.98	7.25	7.75	9.40
10 yr.....	4.60	4.33	8.00	7.05	7.05	7.67	8.00	8.18	7.60	7.98	9.35
20 yr.....	4.55	4.35	7.60	7.05	7.20	7.80	8.35	8.30	7.75	8.20	9.08
30 yr.....	4.55	4.37	7.60	7.01	7.20	7.80	8.35	8.30	7.95	8.25	9.10
Corporate (Moody's).....	4.73	4.64	8.51	7.63	7.80	9.03	9.57	9.01	8.43	9.07	10.12
Industrials (40 bonds) <sup>6</sup> .....	4.59	4.61	8.26	7.35	7.60	8.78	9.25	8.84	8.28	9.00	9.85
Railroads (24 bonds).....	4.92	4.72	8.77	7.99	8.12	8.98	9.38	8.85	8.13	8.64	9.60
Public utilities (40 bonds).....	4.69	4.60	8.68	7.74	7.83	9.27	9.88	9.17	8.58	9.22	10.39
Stocks (Standard & Poor's): <sup>5</sup>											
Preferred (10 stocks) <sup>6</sup> .....	4.75	4.33	7.22	6.88	7.23	8.24	8.36	7.98	7.61	8.25	9.11
Common: Composite (500 stocks).....	3.47	3.00	3.83	2.84	3.06	4.47	4.31	3.77	4.62	5.28	5.47
Industrials (400 stocks).....	3.36	2.94	3.62	2.61	2.79	4.13	3.96	3.48	4.43	5.06	5.20
Home mortgages: <sup>9</sup>											
FHA insured, secondary market.....	6.16	5.47	9.03	7.53	8.19	9.55	9.19	8.82	8.68	9.70	10.87
Conventional, new-home <sup>10</sup> .....	(NA)	5.83	8.52	7.64	8.30	9.22	9.10	8.99	8.95	9.68	11.15
Conventional, existing-home <sup>10</sup> .....	(NA)	5.89	8.56	7.70	8.33	9.23	9.14	9.04	9.00	9.70	11.16

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

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

## NO. 908. SALES OF STOCKS AND OPTIONS ON REGISTERED EXCHANGES: 1960 TO 1979

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

EXCHANGE	UNIT	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
ALL EXCHANGES											
Market value, all sales <sup>1</sup> .....	Bil. dol.	47	93	136	187	125	167	203	198	269	324
Stocks: <sup>2</sup> Market value.....	Bil. dol.	45	89	131	179	118	157	195	187	249	300
Shares.....	Mil.	1,389	2,587	4,539	5,723	4,846	6,231	7,036	7,023	9,483	10,863
Options: Market value.....	Mil. dol.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	7,919	10,899	18,953	22,825
Contracts.....	Mil.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	23	40	60	65
Rights and warrants:											
Market value.....	Mil. dol.	75	305	576	984	394	295	256	190	346	755
Number of units.....	Mil.	51	82	295	176	104	150	89	112	82	115
Option exercises: Value.....	Mil. dol.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	2,872	3,696	5,392	8,301
Shares.....	Mil.	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	1	1	1	2
NEW YORK STOCK EXCHANGE											
Market value, all sales <sup>1</sup> .....	Bil. dol.	40	77	108	155	106	143	165	157	211	252
Stocks: <sup>2</sup> Market value.....	Bil. dol.	38	73	103	146	99	134	165	157	210	251
Shares.....	Mil.	958	1,809	3,213	4,337	3,822	5,056	5,649	5,613	7,618	8,675
Rights and warrants:											
Market value.....	Mil. dol.	13	34	257	348	192	168	133	89	124	484
Number of units.....	Mil.	29	58	233	84	63	108	53	62	42	84
Sales by size: <sup>3</sup>											
At 100 shares.....	Percent	(NA)	(NA)	51.7	46.4	45.3	41.4	36.1	35.6	32.9	31.6
At 200-900 shares.....	Percent	(NA)	(NA)	40.7	44.5	45.7	47.8	49.2	49.7	50.1	49.8
At 1,000 shares and over.....	Percent	(NA)	(NA)	6.4	9.1	9.0	10.8	12.7	14.6	17.0	18.6

NA Not available. <sup>1</sup> Includes bond sales through 1975, not shown separately. <sup>2</sup> Includes voting trust certificates, American depositary receipts, and certificates of deposit for stocks. <sup>3</sup> 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. Monthly data in *Statistical Bulletin*.

## NO. 909. SECURITY PRICES AND VOLUME OF TRADING: 1960 TO 1979

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

CLASS OR ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>Bond prices (dollars per \$100 bond):</b>										
U.S. Government, long term <sup>1</sup>	86.22	83.76	60.52	62.80	57.45	57.44	58.96	56.89	51.26	* 47.8
Standard & Poor's: Municipal <sup>2</sup>	103.9	110.6	72.3	85.4	76.3	68.9	72.5	81.3	77.9	73.4
Corporate AAA <sup>3</sup>	94.7	93.9	61.6	63.7	58.8	56.2	58.0	59.6	55.6	51.1
<b>Stock prices:</b>										
Standard & Poor's common index (500 stocks) (1941-43 = 10) <sup>4</sup>	55.9	88.2	83.2	107.4	82.8	87.2	102.0	98.2	96.1	103.9
Industrial	59.4	93.5	91.3	120.4	92.9	96.6	114.4	108.4	106.3	114.8
N.Y. Stock Exchange common stock index (Dec. 31, 1965=50), composite	30.0	47.4	45.7	57.4	43.8	45.7	54.5	53.7	53.8	58.3
Industrial	(NA)	(NA)	48.0	63.1	48.1	50.5	60.4	57.8	58.3	64.8
Transportation	(NA)	(NA)	32.1	37.7	31.9	31.1	39.6	41.1	43.3	47.3
Utility	(NA)	(NA)	37.2	37.7	29.8	31.5	37.0	40.9	39.2	38.2
Finance	(NA)	(NA)	54.6	70.1	49.7	47.1	52.9	55.2	56.7	61.4
American Stock Exchange market value index (Aug. 31, 1973=100)	(NA)	(NA)	96.63	103.80	79.97	83.06	101.63	116.18	144.37	195.53
Dow-Jones and Co. Inc., total (65 stocks) <sup>5</sup>	204.6	318.5	243.9	286.7	237.3	247.3	303.9	301.7	283.6	293.5
Industrial (30 stocks)	618.0	910.9	753.2	923.9	759.4	802.5	974.9	894.6	820.2	844.4
Transportation (20 stocks)	138.9	216.4	152.4	180.6	164.1	163.4	214.0	225.2	222.6	237.8
Public utility (15 stocks)	91.4	157.9	108.8	103.4	75.8	79.8	92.3	111.0	104.6	104.6
Standard & Poor's:										
Dividend-price ratio (percent)	(NA)	(NA)	3.83	3.06	4.47	4.31	3.77	4.56	5.28	5.45
Earnings-price ratio (percent)	(NA)	(NA)	6.45	7.12	11.60	9.07	8.93	9.77	8.72	7.92
<b>Volume of trading:</b>										
Value, NYSE <sup>6</sup> (bil. dol.)	(NA)	(NA)	95.3	137.3	92.1	126.7	159.8	150.2	199.9	238.2
Average daily shares:										
NYSE <sup>6</sup> (mil.)	3.0	6.2	11.6	16.1	13.9	18.6	21.2	20.9	28.6	32.2
ASE <sup>7</sup> (1,000)	1,113	2,120	3,319	3,015	1,906	2,138	2,562	2,592	3,923	4,349

NA Not available. <sup>1</sup> Derived from long-term yield on basis of assumed 3 percent, 20-year bond; series discontinued by Board of Governors Oct. 1979. <sup>2</sup> Jan.-Sept. <sup>3</sup> Derived from average yields on basis of assumed 4 percent, 20-year bond; Wednesday closing prices. <sup>4</sup> Effective July 1970, 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. <sup>5</sup> Source: U.S. Bureau of Economic Analysis. Based on data from New York Stock Exchange. <sup>6</sup> Source: New York Stock Exchange, Inc., New York, N.Y., *Fact Book*, annual. <sup>7</sup> Source: American Stock Exchange, *Stock Trading Statistics*.

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

## NO. 910. NEW CORPORATE SECURITIES OFFERED FOR SALE, BY TYPE OF SECURITY AND ISSUER: 1960 TO 1979

[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 498 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	1973	1974	1975	1976	1977	1978	1979
<b>Total</b>	<b>10,154</b>	<b>14,782</b>	<b>37,451</b>	<b>31,680</b>	<b>37,729</b>	<b>52,539</b>	<b>52,290</b>	<b>51,836</b>	<b>46,616</b>	<b>51,097</b>
<b>Publicly offered</b>	<b>6,657</b>	<b>6,486</b>	<b>32,524</b>	<b>22,903</b>	<b>31,028</b>	<b>41,759</b>	<b>35,910</b>	<b>32,211</b>	<b>28,398</b>	<b>35,414</b>
Bonds and notes	4,806	4,688	24,365	12,899	25,335	31,492	25,263	21,929	18,881	24,859
Preferred stock	220	360	1,310	2,398	1,745	3,088	2,353	2,421	1,759	1,965
Common stock	1,631	1,438	6,849	7,606	3,947	7,179	8,296	7,857	7,760	8,591
<b>Privately placed</b>	<b>3,497</b>	<b>8,296</b>	<b>4,926</b>	<b>8,781</b>	<b>6,701</b>	<b>10,779</b>	<b>16,384</b>	<b>19,628</b>	<b>18,218</b>	<b>15,683</b>
Bonds and notes	3,275	7,897	4,658	7,798	6,180	10,172	15,927	17,943	16,984	13,859
Preferred stock	188	364	80	944	511	371	451	1,495	1,077	1,688
Common stock	33	35	188	37	28	235	9	188	178	136
<b>Issuer:</b>										
Manufacturing	2,152	5,414	10,647	4,832	10,408	18,651	15,493	13,754	11,062	11,532
Extractive	246	341	1,812	1,060	970	1,628	1,762	2,682	3,100	3,186
Electric, gas, water	2,851	2,934	11,009	10,269	12,837	15,894	14,415	13,705	12,253	13,652
Communication	1,050	945	5,291	4,872	3,930	4,464	3,562	4,442	3,640	4,673
Transportation	718	702	1,253	811	1,005	2,635	3,626	1,802	1,763	2,788
Financial and real estate	2,525	3,386	5,112	8,089	6,779	8,838	10,282	11,690	10,861	11,507
Commercial and other	612	1,060	2,328	1,748	1,802	2,429	3,148	3,764	3,939	3,782

Source: U.S. Securities and Exchange Commission, *Statistical Bulletin*, various issues.

## No. 911. SECURITIES LISTED ON N.Y. STOCK EXCHANGE: 1960 TO 1979

(As of December 31. NA Not available)

ITEM	UNIT	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
<b>Bonds:</b>												
Face value.....	Bil. dol.....	116	142	135	142	142	291	334	401	497	509	526
Market value.....	Bil. dol.....	108	132	113	128	121	255	315	402	480	485	460
Average price.....	Dol.....	93.21	93.07	83.60	90.40	85.16	87.68	91.89	100.39	96.52	91.37	87.36
<b>Stocks:</b>												
Shares.....	Bil.....	6.5	10.1	16.1	19.2	21.0	21.7	22.5	24.5	26.1	27.6	30.0
Market value.....	Bil. dol.....	307	537	636	872	721	511	685	858	797	823	961
Average price.....	Dol.....	47.53	53.44	39.61	45.49	34.39	23.51	30.48	35.03	30.53	29.84	31.99
Cash dividends on common stock.....	Bil. dol.....	9.9	15.3	19.8	21.5	23.6	25.7	26.9	30.6	36.3	41.2	46.9
Industrial.....	Bil. dol.....	(NA)	11.0	13.6	14.3	15.5	17.0	17.6	20.2	23.9	26.6	30.3
Transportation.....	Bil. dol.....	(NA)	.6	.5	.5	.5	.6	.6	.6	.8	.9	1.0
Utilities.....	Bil. dol.....	(NA)	3.3	4.5	5.1	5.5	6.0	6.7	7.7	9.0	10.7	12.2
Finance.....	Bil. dol.....	(NA)	.5	1.1	1.6	2.1	2.1	1.9	2.1	2.6	2.9	3.5

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

## No. 912. MUTUAL FUNDS—NET ASSETS, SALES, AND REDEMPTIONS: 1960 TO 1979

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

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Number of funds.....	161	170	361	410	421	431	426	452	477	505	524
<b>Assets <sup>1</sup></b>	17.0	35.2	47.6	59.8	46.5	35.8	45.8	51.0	48.5	55.8	94.5
Money market funds.....	(x)	(x)	(x)	(x)	(x)	1.7	3.6	3.4	3.5	10.9	45.2
Equity funds.....	16.8	32.8	45.1	55.9	43.0	30.9	37.5	39.2	34.1	32.7	35.9
Income and bond funds.....	.2	2.5	2.5	3.9	3.5	3.2	4.7	7.8	8.4	9.3	9.6
Municipal bond funds.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	.5	2.3	2.6	3.3
<b>Sales <sup>1</sup></b>	2.1	4.4	4.6	4.9	4.4	5.3	10.1	13.7	17.1	37.2	119.3
Money market funds.....	(x)	(x)	(x)	(x)	(x)	2.2	6.8	9.4	10.7	30.5	111.9
Equity funds.....	1.9	3.9	4.2	4.3	3.9	2.6	2.6	2.7	2.4	2.8	3.1
Income and bond funds.....	.2	.4	.4	.6	.5	.5	.7	1.2	1.6	2.0	1.9
Municipal bond funds.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	.5	2.1	1.8	2.4
<b>Redemptions <sup>1</sup></b>	.8	2.0	3.0	6.6	5.7	3.9	9.6	16.4	16.7	31.5	86.7
Money market funds.....	(x)	(x)	(x)	(x)	(x)	.6	5.9	9.6	10.7	24.3	78.4
Equity funds.....	.8	1.8	2.8	6.2	5.2	3.0	3.3	6.0	4.7	5.1	5.7
Income and bond funds.....	.1	.2	.2	.4	.4	.3	.4	.8	.8	1.0	1.3
Municipal bond funds.....	(x)	(x)	(x)	(x)	(x)	(x)	(x)	(z)	.5	1.1	1.3

X Not applicable. Z Less than \$50 million. <sup>1</sup> Includes funds not shown separately.Source: Investment Company Institute, Washington, D.C., *Mutual Fund Fact Book*, annual.

## No. 913. STOCK OWNERSHIP—CHARACTERISTICS OF SHAREOWNERS: 1959 TO 1975

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

CHARACTERISTIC	1959	1965	1970	1975	CHARACTERISTIC	1959	1965	1970	1975
<b>Total <sup>1</sup></b>	<b>12,490</b>	<b>20,120</b>	<b>30,850</b>	<b>25,270</b>	<b>Income:</b>				
Male.....	5,740	9,060	15,689	12,698	Under \$5,000.....	3,575	3,183	2,577	841
Female.....	6,347	9,430	15,161	12,508	\$5,000-\$7,999.....	3,700	4,479	3,081	1,378
<b>Age:</b>					\$8,000-9,999.....	2,221	3,113	3,152	1,462
Under 21 years.....	197	1,280	2,221	1,818	\$10,000-\$14,999.....	1,769	5,199	9,001	4,906
21-34 years.....	2,444	2,626	4,500	2,838	\$15,000-24,999.....	700	2,649	8,272	9,461
35-44 years.....	2,064	4,216	5,801	3,976	\$25,000 and over.....	319	1,147	4,437	7,158
45-54 years.....	2,800	4,752	7,556	5,675	<b>Residence by SMSA size:<sup>4</sup></b>				
55-64 years.....	2,666	3,549	6,084	5,099	Under 100,000.....	(NA)	134	175	328
65 years and over.....	2,113	3,347	4,330	5,800	100,000-249,000.....	(NA)	1,254	2,245	2,059
<b>Education:</b>					250,000-499,999.....	(NA)	1,897	2,686	2,691
High school: <sup>2</sup>					500,000-999,999.....	(NA)	2,156	3,712	3,257
3 years or less.....	2,804	3,106	3,566	1,621	1,000,000 and over.....	(NA)	9,883	14,881	11,893
4 years.....	3,130	5,344	8,697	6,580	<b>Nonmetropolitan areas</b>	(NA)	4,639	6,913	4,978
College: <sup>2</sup>									
1-3 years.....	2,587	4,012	5,867	5,301					
4 years or more.....	3,566	6,028	9,999	9,886					
Minors <sup>3</sup>	197	1,280	2,221	1,818					

NA Not available. <sup>1</sup> Includes small number of shareowners not distributed by breakdown. <sup>2</sup> Persons 21 years old and over. <sup>3</sup> Shareowners whose stockholdings are registered in accordance with the Gifts to Minors Statutes.<sup>4</sup> SMSA=Standard metropolitan statistical area. For definition, see Appendix II.Source: New York Stock Exchange, Inc., New York, N.Y., *Census of Shareowners*, 1959, 1965, 1970, and 1975.

## No. 914. LIFE INSURANCE IN FORCE IN THE U.S.—SUMMARY: 1950 TO 1979

[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. 3. See also *Historical Statistics, Colonial Times to 1970*, series X 879-889]

YEAR	LIFE INSURANCE IN FORCE					COVERAGE (\$1,000)		Dispos- able per- sonal income per family <sup>2</sup> (\$1,000)	AVERAGE SIZE POLICY IN FORCE (dollars)				
	All policies, num- ber (mil.)	Value (bil. dol.)				Per fam- ily	Per in- sured fam- ily		Ord- inary	Group	Indus- trial	Cred- it	
		Total	Ord- inary	Group	Indus- trial								Cred- it <sup>1</sup>
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	10.2	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	11.2	6,790	7,730	530	1,190
1973.....	369	1,778	928	708	40.6	101.2	24.4	28.8	12.4	7,230	8,010	540	1,300
1974.....	380	1,985	1,009	827	39.4	109.6	26.5	31.2	13.1	7,690	8,840	550	1,310
1975.....	380	2,140	1,083	905	39.4	112.0	28.1	33.0	14.2	8,090	9,360	570	1,410
1976.....	382	2,343	1,178	1,003	39.2	123.6	30.1	35.0	15.2	8,610	10,010	580	1,580
1977.....	390	2,583	1,289	1,115	39.0	139.4	32.4	37.7	16.4	9,240	10,550	590	1,760
1978.....	401	2,870	1,425	1,244	38.1	163.1	35.1	40.8	17.8	10,010	11,260	600	1,950
1979.....	407	3,222	1,586	1,419	37.8	179.3	38.5	44.8	19.4	10,890	12,350	610	2,120

<sup>1</sup> Insures borrower to cover loan in case of death.

<sup>2</sup> For disposable personal income, see tables 728 and 738.

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

## No. 915. U.S. LIFE INSURANCE COMPANIES—SUMMARY: 1960 TO 1979.

[In billions of dollars, except number of companies, rate, percent, and employed. 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	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Number of U.S. companies.....	1,441	1,629	1,780	1,753	1,766	1,757	1,746	1,742	1,789	1,840	1,890
Sales <sup>1</sup> .....	78.4	149.8	206.8	228.4	250.6	323.5	316.5	352.2	407.7	437.9	527.5
Ordinary.....	56.2	89.6	134.8	159.1	175.6	199.0	207.1	233.6	277.3	304.2	352.8
Group <sup>1</sup> .....	15.3	52.9	65.4	61.9	67.7	117.8	102.7	112.2	123.8	127.7	169.6
Industrial.....	6.9	7.3	6.6	7.4	7.2	6.7	6.7	6.4	6.5	6.0	5.1
Voluntary termination, ordinary policies (rate): <sup>2</sup>											
All policies in force in U.S.....	5.2	5.1	5.9	6.0	6.3	6.5	6.7	6.8	6.6	6.6	7.2
In force 2 years or more.....	3.7	3.5	3.9	3.9	4.3	4.5	4.5	4.6	4.7	4.6	5.1
Income.....	23.0	33.2	49.1	58.8	64.8	70.0	78.0	88.6	98.0	108.2	119.1
Life insurance premiums.....	12.0	16.1	21.7	24.7	26.4	27.8	29.3	31.4	33.8	36.6	39.1
Percent of total.....	52.2	48.5	44.2	42.0	40.7	39.7	37.6	35.4	34.5	33.8	32.8
Annuity considerations.....	1.3	2.2	3.7	5.5	6.8	7.7	10.2	14.0	15.0	16.3	17.9
Health insurance premiums.....	4.0	6.3	11.4	14.3	15.5	17.1	19.1	21.1	23.6	25.8	27.9
Investment and other.....	5.6	8.6	12.3	14.3	16.1	17.4	19.4	22.2	25.7	29.4	34.2
Disbursements.....	17.5	25.2	39.0	45.0	49.4	53.3	58.2	63.0	69.0	72.6	81.1
Payments to policyholders <sup>3</sup> .....	11.4	16.5	25.6	29.4	32.1	34.7	38.1	41.0	44.4	47.8	53.7
Percent of total.....	65.1	65.5	65.6	65.3	65.0	65.1	65.5	65.1	64.3	65.8	66.2
Death payments.....	3.4	4.9	7.2	8.1	8.6	8.9	9.3	9.7	10.2	11.1	11.8
Matured endowments.....	.7	1.0	1.0	1.0	1.0	1.0	1.0	1.0	.9	.9	.9
Annuity payments.....	.7	1.0	1.7	2.1	2.6	2.9	3.2	3.9	4.6	5.1	6.6
Policy dividends.....	1.9	2.8	3.8	4.3	4.6	4.8	5.1	5.6	6.3	6.8	7.6
Surrender values.....	1.7	2.0	2.9	3.0	3.4	3.7	3.8	4.2	4.3	4.5	5.5
Disability benefits.....	.1	.2	.2	.3	.4	.4	.4	.5	.5	.5	.6
Commissions, expenses, etc.....	5.9	8.4	12.9	15.0	16.6	17.9	19.4	21.3	23.9	23.7	25.9
Dividends to stockholders.....	.2	.2	.5	.6	.7	.7	.7	.7	.8	1.1	1.5
Taxes, licenses and fees.....	.9	1.4	2.2	2.8	3.2	3.4	3.5	4.0	4.4	5.1	5.4
Federal income taxes.....	.5	.7	1.2	1.5	1.8	1.9	1.9	2.2	2.5	3.0	3.3
Employed in insurance <sup>4</sup> (1,000).....	1,105	1,225	1,460	1,530	1,575	1,620	1,640	1,675	1,690	1,776	1,839

<sup>1</sup> Includes servicemen's group life insurance of \$27.4 billion in 1965, \$16.8 billion in 1970, \$28.8 billion in 1974, and \$1.7 billion in 1975.

<sup>2</sup> 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.

<sup>3</sup> Include operations of accident and health departments of life insurance companies, not shown separately.

<sup>4</sup> Includes life, health, and property/casualty insurance.

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

**NO. 916. LIFE INSURANCE—COMPANIES, BENEFIT PAYMENTS, AND INSURANCE IN FORCE, BY  
STATE: 1975 AND 1979**

(Applies to policyholders and payments in the U.S.)

STATE	1975				1979							
	Benefit pay- ments <sup>1</sup> (mil. dol.)	Insurance in force		Number of compa- nies <sup>2</sup>	Benefit pay- ments <sup>1</sup> (mil. dol.)	Insurance in force						Avg. per family (dol.)
		Policies (1,000)	Value (bil. dol.)			Policies (1,000)			Value (bil. dol.)			
						Total <sup>3</sup>	Ordinary	Group	Total <sup>3</sup>	Ordinary	Group	
U.S.	22,536.2	380,010	2,139.6	1,870	32,385.2	406,614	145,628	114,893	3,222.3	1,585.9	1,419.4	36,500
Ala.	278.8	11,789	34.2	36	407.7	12,498	2,045	1,782	51.3	25.3	19.2	37,200
Alaska	22.0	466	3.3	1	39.9	570	136	249	6.2	2.8	3.2	42,700
Ariz.	215.5	4,303	22.6	478	370.2	5,402	1,962	1,493	36.8	21.4	12.2	40,300
Ark.	125.5	2,462	13.6	25	165.9	2,979	1,026	728	22.4	11.6	8.6	27,000
Calif.	2,203.1	29,440	205.4	51	3,269.7	31,481	10,772	12,398	317.6	157.7	145.3	34,300
Colo.	235.4	4,088	27.6	25	398.9	4,934	1,815	1,624	45.8	24.8	17.8	42,700
Conn.	473.5	5,476	39.5	17	678.3	5,721	2,364	1,953	55.1	25.8	27.1	47,900
Del.	74.8	1,419	8.4	32	106.7	2,434	470	524	16.3	4.5	10.8	76,000
D.C.	98.4	2,595	13.3	9	126.7	2,516	440	1,066	20.9	4.6	15.3	66,600
Fla.	960.7	14,702	73.2	36	1,465.6	16,544	5,392	3,642	112.7	62.4	40.3	30,900
Ga.	426.6	12,153	51.1	27	623.4	12,917	3,602	2,765	79.4	39.5	32.0	42,300
Hawaii	108.8	1,420	11.7	8	166.2	1,736	615	703	17.2	8.4	6.9	53,900
Idaho	58.5	1,225	7.0	7	93.4	1,326	512	472	11.1	5.1	4.1	33,500
Ill.	1,428.9	22,315	131.5	90	2,035.9	22,823	9,340	6,943	191.8	94.7	86.7	44,900
Ind.	533.7	10,145	53.9	55	766.3	10,307	4,120	2,701	80.1	40.4	34.1	40,100
Iowa	293.5	4,625	29.0	32	441.0	5,074	2,585	1,420	44.4	25.8	15.9	40,200
Kans.	226.4	4,109	23.2	20	332.0	4,303	1,682	1,160	34.7	20.8	11.4	37,600
Ky.	243.4	6,101	26.5	14	364.1	6,501	2,271	1,348	41.0	20.2	17.0	31,500
La.	311.7	8,955	34.0	95	444.8	9,922	2,111	1,780	55.5	28.0	20.9	39,200
Maine	101.3	1,763	8.7	4	153.7	1,881	717	662	12.8	6.5	5.4	30,900
Md.	425.1	7,930	42.6	12	609.0	8,011	2,916	1,892	60.0	31.3	24.7	38,700
Mass.	661.8	9,280	57.6	16	922.6	9,006	3,915	2,660	79.4	38.2	37.7	36,600
Mich.	976.9	16,269	102.0	24	1,311.5	16,933	5,598	5,978	154.7	56.5	89.4	46,300
Minn.	358.3	5,773	39.3	21	555.0	6,331	2,537	2,416	61.6	29.8	29.1	40,900
Miss.	133.8	3,399	15.5	23	185.0	4,051	949	991	24.9	12.6	9.3	29,200
Mo.	511.9	8,625	48.4	40	672.1	9,286	3,866	2,665	70.4	34.6	31.5	36,900
Mont.	60.7	1,006	6.1	3	88.5	1,138	452	365	9.4	5.6	3.1	31,800
Nebr.	161.6	2,707	16.5	29	234.4	2,707	1,360	745	24.5	15.0	8.2	40,700
Nev.	51.8	1,040	6.7	2	93.1	1,395	296	551	11.5	4.8	5.4	40,100
N.H.	86.1	1,286	7.5	4	122.1	1,545	688	414	13.4	6.9	5.6	40,500
N.J.	1,052.1	11,916	86.9	15	1,494.5	12,209	5,436	3,517	123.6	58.8	59.4	45,000
N. Mex.	86.4	1,618	9.3	9	131.8	1,903	609	589	15.5	7.5	6.7	36,300
N.Y.	2,519.9	27,526	191.0	68	3,221.9	27,039	10,981	8,030	257.6	116.0	128.2	37,000
N.C.	408.3	11,595	47.5	21	609.9	12,548	4,131	2,377	74.3	38.3	29.2	36,200
N. Dak.	46.7	924	5.7	9	74.7	999	459	315	9.4	5.7	3.0	40,000
Ohio	1,319.8	20,090	114.6	42	1,864.7	21,017	8,175	5,531	167.9	82.3	74.2	42,200
Okla.	234.3	4,067	24.4	64	350.4	4,193	1,722	1,124	37.8	20.6	14.5	33,100
Oreg.	213.9	3,103	19.9	7	343.4	3,454	1,219	1,353	33.6	16.0	16.0	33,300
Pa.	1,450.8	24,032	120.3	60	1,963.0	24,227	9,885	5,899	170.4	84.2	73.4	38,200
R.I.	112.3	1,856	9.4	8	157.2	1,952	784	716	15.3	7.5	7.1	43,200
S.C.	192.8	7,193	24.3	26	287.2	7,947	2,551	1,657	38.0	19.9	14.1	37,400
S. Dak.	52.0	904	5.7	9	75.4	1,003	523	266	9.1	5.8	2.7	36,200
Tenn.	360.9	8,918	39.3	25	544.2	9,810	2,768	2,568	61.1	29.3	25.3	37,400
Tex.	1,060.3	21,488	120.0	188	1,671.6	25,119	8,539	7,254	201.8	103.7	81.8	40,600
Utah	92.1	1,903	10.4	13	139.4	2,212	665	949	17.3	9.0	7.0	37,100
Vt.	47.1	762	4.2	3	68.4	805	353	223	6.1	3.4	2.3	33,400
Va.	439.5	10,070	52.8	15	648.6	10,784	3,406	2,589	75.2	36.7	33.1	38,900
Wash.	319.7	4,714	32.8	19	494.7	5,523	1,937	2,210	53.2	26.2	24.5	34,300
W. Va.	152.5	3,053	13.8	2	235.9	3,368	1,029	869	21.0	9.3	9.6	29,600
Wis.	475.3	6,919	43.7	27	691.1	7,567	3,424	2,538	64.9	34.8	26.9	37,600
Wyo.	32.0	516	3.3	2	53.4	643	256	208	6.1	3.5	2.2	36,000

<sup>1</sup> Comprises death payments, matured endowments, disability and annuity payments, surrender values, and policy dividends. <sup>2</sup> As of mid-year. <sup>3</sup> Includes industrial and credit insurance, not shown separately.

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

## No. 917. U.S. LIFE INSURANCE COMPANIES—FINANCIAL ITEMS: 1960 TO 1979

[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	1972	1973	1974	1975	1976	1977	1978	1979
<b>Assets</b> .....	119.6	158.9	207.3	239.7	252.4	263.3	289.3	321.6	351.6	390.0	432.3
Government securities.....	11.8	11.9	11.1	11.4	11.4	12.0	15.2	20.3	23.6	26.6	29.7
Corporate securities.....	51.7	67.4	88.5	113.0	117.7	118.6	133.9	154.9	171.7	191.6	208.8
Percent of total assets.....	43.2	42.4	42.7	47.1	46.6	45.0	46.3	48.2	48.8	49.1	48.3
Bonds.....	46.7	58.2	73.1	86.1	91.8	96.7	105.8	120.7	137.9	156.0	169.0
Stocks.....	5.0	9.1	15.4	26.8	25.9	21.9	28.1	34.3	33.8	35.5	39.8
Mortgages.....	41.8	60.0	74.4	76.9	81.4	86.2	89.2	91.6	96.8	106.2	118.4
Real estate.....	3.8	4.7	6.3	7.3	7.7	8.3	9.6	10.5	11.1	11.8	13.0
Policy loans.....	5.2	7.7	16.1	18.0	20.2	22.9	24.5	25.8	27.6	30.1	34.8
Other.....	5.3	7.2	10.9	13.1	14.1	15.4	16.9	18.5	21.1	23.7	27.6
Interest earned on assets <sup>1</sup> (percent).....	4.11	4.61	5.30	5.56	5.88	6.25	6.36	6.55	6.89	7.31	7.73
Liabilities <sup>2</sup> .....	109.9	145.0	189.9	220.8	232.5	244.7	268.7	299.5	328.1	363.7	402.3
Policy reserves <sup>2</sup> .....	98.5	127.6	167.8	192.8	204.5	216.5	237.1	262.8	287.9	318.5	351.6
Capital and surplus <sup>2</sup> .....	9.7	13.8	17.3	19.0	19.9	18.6	20.6	22.0	23.6	26.2	30.0

<sup>1</sup> Net rate. <sup>2</sup> Includes business of accident and health departments of U.S. life insurance companies.

## No. 918. U.S. LIFE INSURANCE COMPANIES—NEW INVESTMENTS: 1960 TO 1979

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

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
<b>Total</b> .....	20.4	39.5	62.3	98.6	120.8	117.1	132.4	174.9	211.0	235.0	270.4
Average annual percent change <sup>1</sup> .....	1.7	14.2	9.6	25.8	22.5	–3.1	13.1	32.0	20.6	11.4	15.1
Government securities.....	5.0	4.3	4.6	9.0	8.3	7.6	13.6	30.3	34.9	35.8	41.6
Short-term.....	(NA)	(NA)	3.8	7.4	6.9	6.2	9.9	23.1	27.4	29.4	34.7
Corporate securities.....	7.5	21.9	45.5	76.7	95.3	91.5	102.5	128.1	154.7	172.9	196.6
Bonds.....	6.9	20.4	41.4	68.2	87.1	86.7	96.5	120.4	147.1	164.9	186.2
Short-term.....	(NA)	(NA)	34.6	54.0	74.3	75.4	75.0	96.4	116.9	136.9	163.0
Stocks.....	.7	1.5	4.1	8.5	8.2	4.8	6.0	7.7	7.6	8.0	10.4
Mortgages.....	6.1	11.1	7.2	8.7	11.5	11.3	9.6	9.8	14.2	17.8	20.7
Real estate.....	.3	.4	.9	1.0	1.2	1.3	2.1	1.8	2.1	2.2	2.8
Policy loans.....	1.4	1.7	4.1	3.3	4.6	5.3	4.6	4.8	5.1	6.3	8.7

NA Not available. <sup>1</sup> 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 of tables 917 and 918: American Council of Life Insurance, Washington, D.C., *Life Insurance Fact Book*, annual.

## No. 919. LARGEST LIFE INSURANCE COMPANIES—ASSETS AND INSURANCE IN FORCE, BY RANK OF ASSETS: 1960 TO 1979

[In billions of dollars, except percent. As of December 31]

ASSET GROUP	ASSETS						LIFE INSURANCE IN FORCE <sup>1</sup>					
	1960	1965	1970	1975	1978	1979	1960	1965	1970	1975	1978	1979
<b>50 largest companies</b> .....	104.9	135.8	171.9	232.3	305.1	336.2	487	697	1,031	1,517	2,020	2,245
Lowest ten.....	2.9	4.1	5.6	7.9	11.5	13.8	21	36	55	86	76	50
Second ten.....	4.7	6.4	8.3	11.7	15.1	16.7	23	34	59	91	156	121
Third ten.....	7.7	10.4	13.2	17.7	22.7	24.6	38	64	93	127	204	192
Fourth ten.....	15.1	20.0	25.3	35.1	48.0	53.3	62	81	119	202	236	359
Highest ten.....	74.6	95.0	119.6	160.0	207.8	227.7	343	481	706	1,011	1,348	1,523
Percent of 50 largest:												
Lowest ten.....	2.7	3.0	3.2	3.4	3.8	4.1	4.3	5.2	5.3	5.7	3.8	2.2
Second ten.....	4.5	4.7	4.9	5.0	4.9	5.0	4.7	4.9	5.7	6.0	7.7	5.4
Third ten.....	7.3	7.6	7.7	7.6	7.4	7.3	7.9	9.2	9.0	8.4	10.1	8.6
Fourth ten.....	14.4	14.7	14.7	15.1	15.7	15.9	12.7	11.6	11.5	13.3	11.7	16.0
Highest ten.....	71.0	69.9	69.6	68.9	68.1	67.8	70.4	69.0	68.4	66.6	66.7	67.8
Percent of all companies: <sup>2</sup>												
50 largest.....	87.7	85.5	82.9	80.3	78.2	77.8	83.1	77.4	73.5	70.9	70.4	69.7
10 largest.....	62.4	59.8	57.7	55.3	53.3	52.7	58.5	53.4	50.4	47.2	47.0	47.3

<sup>1</sup> Face value of all life policies outstanding. <sup>2</sup> See tables 914 and 917 for all companies.

Source: Time, Inc., New York, N.Y., adapted from *The Fortune Directory*. (Copyright.)



## NO. 920. HEALTH INSURANCE COVERAGE, BY TYPE OF COVERAGE: 1950 TO 1978

[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 161]

YEAR AND AGE GROUP	Hospital	Surgical	Regular medical	Major medical	DISABILITY INCOME <sup>1</sup>		Dental
					Short term	Long term	
1950.....	76.6	54.2	21.6	-	37.8	( <sup>2</sup> )	-
1955.....	101.4	85.7	53.0	(NA)	39.5	( <sup>2</sup> )	-
1960.....	122.5	111.5	83.2	32.6	42.4	( <sup>2</sup> )	(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	8.7	8.2	(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)
1977, total.....	179.0	167.7	160.4	139.4	64.6	19.4	50.3
Under 65.....	165.1	156.5	150.0	(NA)	(NA)	19.4	(NA)
65 and over.....	13.9	11.2	10.4	(NA)	(NA)	-	(NA)
1978, total.....	181.5	172.5	164.1	141.5	70.4	19.1	60.2
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)

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

Source: Health Insurance Institute, Washington, D.C., *Sourcebook of Health Insurance Data*, 1979-80. Data from Health Insurance Association of America, New York, N.Y.

## NO. 921. PRIVATE HEALTH INSURANCE ORGANIZATIONS—INCOME AND EXPENSES: 1960 TO 1977

[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
Total premium income.....	5,841	10,001	17,185	22,689	25,524	29,059	33,811	40,506	47,180
Claims expense.....	4,996	8,729	15,744	19,433	21,912	25,871	31,917	38,418	41,645
Percent of premium income.....	85.5	87.3	91.6	85.6	85.8	82.0	94.4	94.8	88.3
Operating expense.....	<sup>1</sup> 845	1,418	2,402	3,224	3,521	4,048	4,373	5,161	5,939
Net underwriting gain.....	( <sup>1</sup> ) -145	-961	32	91	-860	-2,479	-3,073	-404	
Blue Cross-Blue Shield:									
Premium income.....	2,482	4,169	7,371	9,923	11,059	12,367	14,446	17,268	19,553
Claims expense.....	2,287	3,913	7,060	8,991	10,004	11,640	14,192	16,227	17,626
Operating expense.....	195	239	534	689	775	911	1,063	1,193	1,330
Net underwriting gain.....	( <sup>1</sup> )	17	-223	243	280	-184	-809	-151	597
Insurance companies:									
Premium income.....	3,027	5,224	8,746	11,346	12,407	13,997	16,032	19,267	22,958
Claims expense.....	2,389	4,265	7,656	9,124	9,952	11,659	14,526	18,365	19,514
Net underwriting gain.....	( <sup>1</sup> ) -181	-696	-206	-185	-601	-1,567	-2,767	-836	
Other plans, premium income.....	332	608	1,068	1,420	2,057	2,695	3,333	3,971	4,669

<sup>1</sup> Data for net underwriting gain not available separately; included in operating expense.

Source: Through 1976, U.S. Social Security Administration, *Social Security Bulletin*, various issues; 1977, U.S. Health Care Financing Administration, *Health Care Financing Review*, Fall 1979.

## NO. 922. HEALTH INSURANCE—PREMIUM INCOME AND BENEFIT PAYMENTS: 1960 TO 1978

[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
Premiums <sup>1</sup> .....	4.7	7.4	11.5	14.8	16.1	17.9	20.8	24.5	28.7	32.7
Group policies <sup>2</sup> .....	2.9	4.7	8.1	10.9	11.8	13.2	15.9	19.4	23.2	26.9
Individual and family policies.....	1.8	2.7	3.4	3.8	4.3	4.7	4.9	5.1	5.4	5.8
Benefit payments <sup>3</sup> .....	3.1	5.2	9.1	10.6	11.9	13.6	16.5	20.2	22.1	26.4
Group policies <sup>2</sup> .....	2.4	4.0	7.5	8.9	9.8	11.4	14.2	17.8	19.5	22.9
Individual and family policies.....	.7	1.2	1.6	1.7	2.1	2.2	2.3	2.4	2.6	3.5
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
Medical expense.....	2.2	4.1	7.1	8.5	9.4	10.8	13.2	16.1	17.6	21.2
Dental.....	(NA)	(NA)	.1	.2	.3	.3	.6	1.2	1.5	1.8

NA Not available. <sup>1</sup> Prior to 1972, refers to written premiums; for 1972-78 refers to earned income. <sup>2</sup> Insurance company group premiums and benefit payments for 1975 through 1978 include Administrative Service Agreements and Minimum Premium Plans. Amounts for prior years contain only a portion of these data. <sup>3</sup> Beginning 1972, excludes accidental death and dismemberment benefits and accident medical reimbursement benefits.

Source: Health Insurance Institute, Washington, D.C., *Source Book of Health Insurance Data*, annual. Data from Health Insurance Association of America, New York, N.Y.

## NO. 923. PROPERTY AND LIABILITY INSURANCE: 1960 TO 1978

[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	1972	1973	1974	1975	1976	1977	1978
Companies reporting.....	3,500	3,047	2,727	2,881	2,870	2,934	2,886	2,880	2,940	2,938
Premiums written <sup>1</sup> .....	14,973	20,063	32,867	39,316	42,480	45,152	49,967	60,418	72,397	81,690
Auto liability.....	3,883	5,424	8,958	10,367	11,821	12,010	13,315	16,052	18,829	20,383
Physical damage, auto.....	1,994	2,881	4,824	6,016	6,995	7,064	7,623	9,565	11,521	12,835
Liability, other than auto.....	963	1,137	2,140	2,555	2,741	2,990	3,981	5,384	6,794	7,706
Medical malpractice.....	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	895	1,133	1,194	1,216
Fire <sup>2</sup> .....	2,406	2,215	3,147	3,406	3,497	3,538	3,691	4,102	4,415	4,675
Homeowners multiple peril.....	764	1,523	2,565	3,316	3,770	4,156	4,729	5,689	6,766	7,792
Commercial multiple peril.....	56	509	1,331	2,078	2,518	2,857	3,176	4,052	4,891	5,830
Workmen's compensation.....	1,419	2,042	3,492	4,014	4,814	5,473	6,186	7,534	9,261	11,300
Inland marine.....	381	489	812	968	1,096	1,169	1,266	1,444	1,584	1,867
Ocean marine.....	230	262	465	577	654	765	861	902	953	1,000
Surety and fidelity.....	(NA)	408	562	661	701	748	789	835	912	1,076
Burglary and theft.....	116	110	135	138	131	130	120	124	129	133
Crop-hail.....	103	117	125	132	192	260	312	325	340	351
Boiler and machinery.....	85	91	115	129	137	141	173	170	213	256
Glass.....	48	41	40	39	37	34	32	32	34	35
Assets and surplus:										
Assets.....	30,132	41,843	58,594	78,885	83,862	82,115	94,118	112,975	135,513	160,060
Policyholders' surplus.....	11,930	17,112	18,520	26,211	27,091	20,898	25,303	31,394	37,372	45,004

NA Not available. <sup>1</sup> Includes all property, liability, and allied lines; other data are for principal lines only. <sup>2</sup> Includes extended coverage and allied lines.

Source: Insurance Information Institute, New York, N.Y., *Insurance Facts*, annual.

## NO. 924. FIRE LOSSES—TOTAL AND PER CAPITA: 1946 TO 1979

[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 <sup>1</sup>	YEAR	Total (mil. dol.)	Per capita <sup>1</sup>	YEAR	Total (mil. dol.)	Per capita <sup>1</sup>
1946-1950.....	643	1960.....	1,108	\$6.19	1967.....	1,707	\$8.66	1974.....	3,190	\$15.09
1951-1955.....	833	1961.....	1,209	6.84	1968.....	1,830	9.20	1975.....	3,560	16.71
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	17.36
1966-1970.....	1,850	1964.....	1,367	7.16	1971.....	2,316	11.24	1978.....	4,008	18.34
1971-1975.....	2,802	1965.....	1,456	7.51	1972.....	2,634	11.08	1979.....	4,851	22.04
1976-1979.....	4,045	1966.....	1,497	7.64	1973.....	2,309	12.57			

<sup>1</sup> 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. 925. FIRES—NUMBER AND LOSS, BY TYPE AND SELECTED PROPERTY USE: 1977 AND 1978

[Based on 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.)		PROPERTY USE	NUMBER (1,000)		PROPERTY LOSS (mil. dol.)	
	1977	1978	1977	1978		1977	1978	1977	1978
<b>Fires, total</b> .....	<b>3,696</b>	<b>3,070</b>	<b>4,838</b>	<b>4,479</b>	Property use:—Con.				
Building.....	1,236	1,130	4,258	4,075	Residential.....	851	757	2,220	2,165
Outside of building <sup>1</sup> .....	138	111	150	30	1-2 family units <sup>2</sup> .....	664	623	1,763	1,780
Brush and rubbish.....	1,292	970	-	-	Apartments.....	158	109	318	294
Vehicle.....	575	556	329	384	Hotels and motels.....	15	13	115	73
Other.....	455	293	101	50	Other residential.....	14	12	24	18
Property use:					Storage <sup>3</sup> .....	76	63	419	318
Public assembly.....	38	34	299	209	Industry, utility, defense <sup>3</sup> .....	66	66	604	644
Educational.....	23	24	147	96	Other structures.....	68	68	75	88
Institutional.....	30	41	16	14					
Stores and offices.....	84	77	478	481					

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

Source: National Fire Protection Association, Boston, Mass., *Fire Journal*, bimonthly. (Copyright.)

# Business Enterprise

This section relates to the place and behavior of the business firm and of business initiative in the American economy. It includes data on the number, types, 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; minority-owned firms; 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 Fortune, 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 392).

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; insurance companies; and unincorporated associations such as business trusts, savings and loan associations, certain partnerships, mutual savings banks, and cooperative banks. While many corporations file consolidated tax returns (i.e., one return for the parent firm and all its subsidiaries), 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 *Nonresidential Business and Residential Capital in the United States, 1926-75*, 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 8.5 of *National Income and Product Accounts*, 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 the BEA are a part of its national income and product accounts (see text, p. 435) 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 435. BEA's corporate profits data also include net earnings of Federal Reserve banks, credit unions, private noninsured pension funds, and several federally sponsored credit agencies not included in *Statistics of Income*.

**Sources and uses of corporate funds.**—These data (table 945) 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.

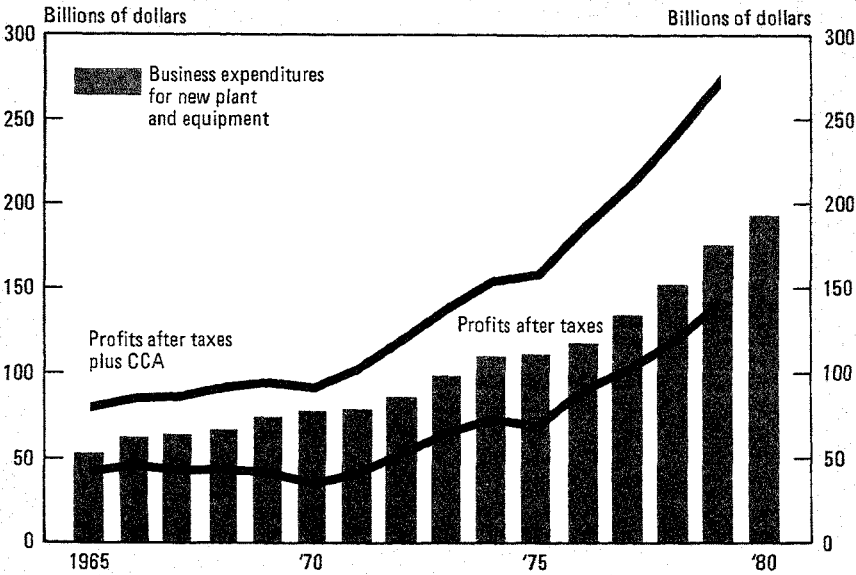
For quarterly data, see current issues of the *Survey of Current Business*. For discussion of coverage, concepts, and methodology, see January 1970 issue of the *Survey* for actual expenditures and February 1970 issue for planned expenditures.

**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 figures (see tables 941 and 942) 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 references on pp. 827-828.

**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.

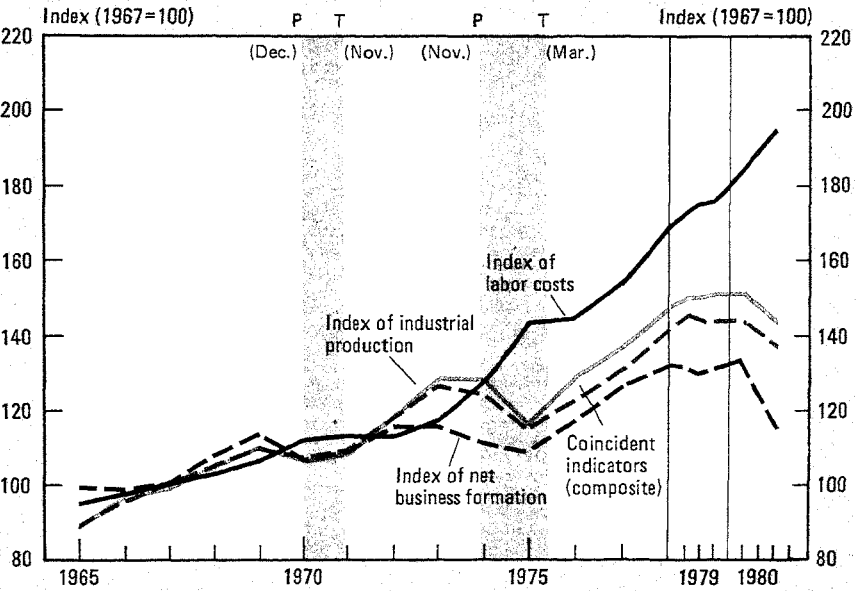
**Historical statistics.**—Tabular headnotes provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1970*. See Appendix I.

Figure 18.1  
**Business Expenditures, Profits, and Capital Consumption Allowances (CCA): 1965 to 1980**



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 940 and 963.

Figure 18.2  
**Cyclical Indicators — Selected Indexes: 1960 to 1980**



P=Peak T=Trough Shaded area represents recession.  
Source: Chart prepared by U.S. Bureau of the Census. For data, see table 944.

# NO. 926. PROPRIETORSHIPS, PARTNERSHIPS, AND CORPORATIONS—NUMBER, RECEIPTS, AND INCOME: 1955 TO 1977

[Figures are estimates based on samples for all years for proprietorships and corporations, and beginning 1960 for partnerships; see Appendix III. See also *Historical Statistics, Colonial Times to 1970*, series V 1-12]

ITEM	Unit	1955	1960	1965	1970	1973	1974	1975	1976	1977, prel.
<b>Number</b> .....	1,000.....	9,046	11,172	11,416	12,001	13,592	13,902	13,979	14,536	14,740
<b>Receipts</b> <sup>2</sup> .....	Bil. dol.....	781	1,095	1,469	2,082	2,994	3,557	3,685	4,170	4,678
<b>Net income (less deficit)</b> <sup>3</sup> .....	Bil. dol.....	65	73	111	109	176	201	196	245	283
Proprietorships, number <sup>4</sup> .....	1,000.....	8,239	9,090	9,078	9,400	10,648	10,874	10,882	11,358	11,346
Business receipts <sup>2</sup> .....	Bil. dol.....	139	171	199	238	311	328	339	375	394
Net income (less deficit) <sup>3</sup> .....	Bil. dol.....	18	21	28	33	47	46	45	50	51
Partnerships, number.....	1,000.....	(NA)	941	914	936	1,039	1,062	1,073	1,096	1,153
Total receipts <sup>5</sup> .....	Bil. dol.....	(NA)	74	75	93	125	139	147	160	181
Net income (less deficit) <sup>3</sup> .....	Bil. dol.....	(NA)	8	10	10	9	9	8	10	13
Corporations, number.....	1,000.....	807	1,141	1,424	1,665	1,905	1,966	2,024	2,082	2,241
Total receipts <sup>5</sup> .....	Bil. dol.....	642	849	1,195	1,751	2,558	3,090	3,199	3,635	4,103
Net income (less deficit) <sup>3,6</sup> .....	Bil. dol.....	47	44	74	66	120	146	143	185	219

NA Not available. <sup>1</sup> Excludes partnerships. <sup>2</sup> See footnote 2, table 929. <sup>3</sup> See footnote 3, table 929. <sup>4</sup> Individually owned businesses and farms. <sup>5</sup> 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 929. <sup>6</sup> Beginning 1965, includes constructive taxable income from related foreign corporations.

# NO. 927. PROPRIETORSHIPS, PARTNERSHIPS, AND CORPORATIONS—NUMBER AND BUSINESS RECEIPTS, BY SIZE OF RECEIPTS: 1970 TO 1976

[See headnote, table 929, and *Historical Statistics, Colonial Times to 1970*, series V 1-12]

SIZE CLASS OF RECEIPTS	1970		1975		1976							
	Number (1,000)	Re- ceipts (bil. dol.)	Number (1,000)	Re- ceipts (bil. dol.)	Total		Number (1,000)			Receipts (bil. dol.)		
					Number (1,000)	Re- ceipts (bil. dol.)	Propri- etor- ships	Part- ner- ships <sup>1</sup>	Cor- pora- tions <sup>1</sup>	Propri- etor- ships	Part- ner- ships <sup>1</sup>	Cor- pora- tions <sup>1</sup>
Total .....	12,001	2,036	13,979	3,447	14,536	3,903.0	11,358	1,096	2,082	375.0	157.6	3,370.4
Under \$25,000 <sup>2</sup> .....	8,200	51	9,107	55	9,387	57.4	8,372	548	467	51.0	4.0	2.4
\$25,000-\$49,999 .....	1,302	46	1,519	53	1,542	53.8	1,217	145	180	43.4	5.2	5.2
\$50,000-\$99,999 .....	1,000	71	1,247	86	1,327	92.3	923	141	263	65.0	10.1	17.2
\$100,000-\$199,999 .....	661	93	1,575	330	1,695	356.1	{ 517	117	702	{ 71.1	16.6	162.2
\$200,000-\$499,999 .....	474	146					{ 263	96		{ 76.8	29.5	
\$500,000-\$999,999 .....	181	126	249	169	271	185.3	48	29	194	32.0	19.8	133.6
\$1,000,000 or more .....	182	1,503	284	2,754	314	3,157.9	18	20	276	35.7	72.4	3,049.8
PERCENT DISTRIBUTION												
Under \$25,000 <sup>2</sup> .....	68.3	2.5	65.1	1.6	64.6	1.5	73.7	50.0	22.4	13.6	2.3	.1
\$25,000-\$49,999 .....	10.8	2.3	10.9	1.5	10.6	1.4	10.7	13.2	8.6	11.6	3.3	.2
\$50,000-\$99,999 .....	8.3	3.5	8.9	2.5	9.1	2.4	8.1	12.9	12.6	17.3	6.4	.5
\$100,000-\$199,999 .....	5.5	4.6					{ 4.6	10.6		{ 19.0	10.5	4.8
\$200,000-\$499,999 .....	4.0	7.2	11.3	9.6	11.7	9.1	{ 2.3	8.8	33.7	{ 20.5	18.7	
\$500,000-\$999,999 .....	1.5	6.2	1.8	4.9	1.9	4.7	.4	2.6	9.4	8.5	12.6	4.0
\$1,000,000 or more .....	1.5	73.8	2.0	79.9	2.2	80.9	.1	1.8	13.3	9.5	46.0	90.4

<sup>1</sup> Active firms only. <sup>2</sup> Includes firms with no receipts.

Source of tables 926 and 927: U.S. Internal Revenue Service, *Statistics of Income, Business Income Tax Returns*, annual, and *Statistics of Income, Corporation Income Tax Returns*, annual.

# NO. 928. FEDERAL GOVERNMENT LOANS TO ALL SMALL BUSINESSES AND TO MINORITY- OPERATED SMALL BUSINESSES: 1970 TO 1979

[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- 1979, avg.	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
Loans, all businesses.....	1,000.....	26.8	15.1	21.5	28.0	33.9	27.5	22.3	26.1	31.8	31.7	30.2
Minority-operated businesses.....	1,000.....	6.8	6.3	7.8	9.0	9.1	6.9	5.4	5.5	6.2	6.1	5.5
Percent of all businesses.....	Percent.....	25	41	36	32	27	25	24	21	19	19	18
Value of total loans.....	Mil. dol.....	2,099	710	1,128	1,574	2,196	1,948	1,594	2,071	3,049	3,314	3,407
Loans to minority-operated business.....	Mil. dol.....	293	160	214	258	334	289	229	262	352	402	428
Percent of all loans.....	Percent.....	14	23	19	16	15	15	14	13	12	12	13

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

**NO. 929. PROPRIETORSHIPS, PARTNERSHIPS, AND CORPORATIONS—NUMBER, RECEIPTS, AND NET INCOME, BY INDUSTRY: 1977**

[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 <sup>1</sup> (1,000)			BUSINESS RECEIPTS <sup>12</sup> (bil. dol.)			NET INCOME (less deficit) <sup>13</sup> (bil. dol.)		
	Pro- pri- etor- ships	Active partn- erships	Active corpora- tions	Pro- pri- etor- ships	Active partn- erships	Active corpora- tions	Pro- pri- etor- ships	Active partn- erships	Active corpora- tions
<b>Total</b> .....	<b>11,346</b>	<b>1,153</b>	<b>2,241</b>	<b>393.9</b>	<b>177.6</b>	<b>3,827.5</b>	<b>51.4</b>	<b>13.3</b>	<b>218.9</b>
Agric., forestry, and fishing.....	3,177	121	67	74.6	13.5	31.3	3.0	.8	.7
Mining.....	71	22	19	4.6	5.9	95.4	.1	—	31.8
Construction.....	994	69	216	42.8	14.2	174.8	6.6	1.5	4.5
Manufacturing.....	224	28	230	10.0	8.8	1,571.8	1.3	.5	99.6
Transportation, public utilities <sup>4</sup> .....	385	17	84	13.9	3.8	318.9	1.8	.2	18.5
Wholesale and retail trade <sup>1</sup> .....	2,264	193	674	160.5	48.6	1,253.2	9.8	2.6	30.6
Wholesale.....	307	29	239	33.5	16.6	617.7	2.5	.8	16.8
Retail.....	1,862	164	433	123.6	32.0	634.1	6.9	1.9	13.8
Finance, insurance, real estate <sup>5</sup> .....	895	476	434	19.3	43.9	407.5	6.4	—1.0	27.2
Services.....	3,302	227	514	67.8	37.8	171.3	22.5	9.2	6.3

<sup>1</sup> Includes business not allocable to individual industries. <sup>2</sup> 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. <sup>3</sup> Net profit (or income) 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. <sup>4</sup> Includes sanitary services. <sup>5</sup> Includes total receipts for the finance, insurance and real estate industry.

**NO. 930. PROPRIETORSHIPS, PARTNERSHIPS, AND CORPORATIONS—NUMBER AND RECEIPTS, BY INDUSTRY AND SIZE OF BUSINESS RECEIPTS: 1976**

[Number in thousands; receipts and net income in millions of dollars. See headnote, table 929. See *Historical Statistics, Colonial Times to 1970*, series V 42-53, for number of active corporations]

INDUSTRY	PROPRIETORSHIPS <sup>1</sup>			ACTIVE PARTNERSHIPS			ACTIVE CORPORATIONS		
	Under \$50,000 <sup>2</sup>	\$50,000- \$99,999	\$100,000 or more	Under \$100,000 <sup>2</sup>	\$100,000- \$499,999	\$500,000 or more	Under \$500,000	\$500,000- \$999,999	\$1,000,000 or more
<b>All industrial divisions: <sup>3</sup></b>									
Number.....	9,589	923	846	834	213	49	1,612	195	275
Business receipts <sup>4</sup> .....	94,480	64,986	215,494	19,328	46,077	92,167	186,985	133,612	3,049,602
Net income <sup>5</sup> .....	17,857	13,085	18,558	—2,529	5,127	7,825	2,678	3,838	178,902
<b>Agriculture, forestry, and fishing:</b>									
Number.....	3,071	260	139	90	27	4	51	4	4
Business receipts <sup>4</sup> .....	28,450	18,006	31,253	2,406	5,480	5,024	6,559	3218	21,042
<b>Mining:</b>									
Number.....	49	5	6	15	2	1	11	2	3
Business receipts <sup>4</sup> .....	413	317	2,858	184	519	4,556	1,206	1,416	78,960
<b>Construction:</b>									
Number.....	778	90	95	43	14	3	143	26	27
Business receipts <sup>4</sup> .....	9,676	6,311	21,967	1,471	2,990	8,646	21,233	18,171	110,656
<b>Manufacturing:</b>									
Number.....	180	20	23	22	7	2	125	30	58
Business receipts <sup>4</sup> .....	1,894	1,441	6,115	624	1,426	5,929	20,591	21,550	1,372,313
<b>Transportation, public utilities: <sup>6</sup></b>									
Number.....	297	31	17	13	3	1	64	8	9
Business receipts <sup>4</sup> .....	4,208	2,129	4,896	326	657	1,560	7,907	5,585	259,912
<b>Wholesale and retail trade:</b>									
Number.....	1,594	268	421	113	65	16	413	86	137
Business receipts <sup>4</sup> .....	18,233	19,297	120,628	3,855	14,818	27,401	70,066	61,183	963,423
<b>Finance, insurance, and real estate:</b>									
Number.....	769	37	21	387	48	12	381	12	19
Business receipts <sup>4</sup> .....	7,470	2,472	5,330	6,352	10,382	20,898	21,881	8,715	323,178
<b>Services:</b>									
Number.....	2,817	212	124	151	46	10	423	26	17
Business receipts <sup>4</sup> .....	23,912	14,981	22,308	4,109	9,803	18,144	47,823	18,161	77,779

<sup>1</sup> Individually owned businesses and farms. <sup>2</sup> Includes businesses without receipts. <sup>3</sup> Includes businesses not allocable to individual industries. <sup>4</sup> See footnote 2, table 929. <sup>5</sup> Less loss. See footnote 3, table 929. <sup>6</sup> Includes sanitary services. <sup>7</sup> 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 929 and 930: U.S. Internal Revenue Service, *Statistics of Income*, annual, *Business Income Tax Returns*, annual; and *Statistics of Income*, *Corporation Income Tax Returns*, annual.

## NO. 931. WOMEN-OWNED FIRMS—NUMBER AND RECEIPTS, BY INDUSTRY: 1972 AND 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 criteria applies to minority-owned businesses]

INDUSTRY	FIRMS, 1972 (1,000)		RECEIPTS, 1972 (bil. dol.)		FIRMS, 1977 (1,000)			RECEIPTS, 1977 (bil. dol.)		
	All firms <sup>1</sup>	Women owned	All firms <sup>1</sup>	Women owned	All firms <sup>1</sup>	Women-owned		All firms <sup>1</sup>	Women-owned	
						Number of firms	Percent of all firms		Re- ceipts	Percent of all firms
All industries, total .....	<sup>2</sup> 7,563	486	<sup>2</sup> 384.6	23.5	9,833	702	7.1	633.1	41.5	6.6
Construction.....	896	21	49.9	2.3	1,107	21	1.9	72.6	2.9	4.0
Manufacturing.....	264	14	25.9	2.0	287	19	6.6	38.5	3.6	9.4
Transportation and public utilities.....	370	10	12.4	.6	419	12	2.9	22.8	1.3	5.7
Wholesale and retail trade.....	2,475	182	209.9	14.5	2,600	228	8.8	291.4	23.4	8.0
Finance, insurance, real estate.....	1,055	45	33.9	.9	1,404	66	4.7	66.6	2.1	3.2
Selected services.....	2,171	163	43.4	2.5	3,623	316	8.7	120.1	7.1	5.9
Other industries <sup>3</sup> .....	332	50	9.2	.6	393	40	10.2	21.2	1.2	5.7

<sup>1</sup> Based on data from U.S. Internal Revenue Service, preliminary report, *Statistics of Income, Business Income Tax Returns, 1972 and Statistics of Income, Corporation Income Tax Returns, 1976*.

<sup>2</sup> Excludes railroads. <sup>3</sup> Includes industries not classified.

Source: U.S. Bureau of the Census, *Women-Owned Businesses, 1972 and 1977*.

## NO. 932. U.S. AND MINORITY-OWNED FIRMS—NUMBER AND RECEIPTS, BY INDUSTRY: 1977

[Number and employment in thousands and receipts in billions of dollars, except percent. Based on a mail canvass, various published and unpublished source listings, and personal contacts with knowledgeable community and governmental representatives, and records of the Internal Revenue Service and the Social Security Administration. "Minority" identified to include the following groups: Black, Chinese, Japanese, Puerto Rican, Mexican or Latin American, American Indian, Filipino, Korean, Hawaiian, etc. 1977 data have been adjusted to the same coverage as 1972 for comparison only. See also headnote, table 931]

INDUSTRY	All U.S. firms, 1977	1977					Percent change from 1972		
		Business firms owned by—							
		All minor- ities	Percent minor- ities of all firms	Black	Span- ish origin	Other	All minor- ities	Black	Span- ish origin
Number of firms, total <sup>1</sup> .....	<sup>2</sup> 9,833	<sup>2</sup> 560	5.7	231	219	111	31	12	53
With paid employees.....	(x)	103	(x)	40	41	24	44	46	35
With no paid employees.....	(x)	456	(x)	191	178	87	28	6	57
Construction.....	1,107	52	4.7	21	27	4	31	10	52
Manufacturing.....	287	12	4.2	4	6	3	40	16	48
Transportation and public utilities <sup>3</sup> .....	419	36	8.6	23	11	3	21	8	57
Wholesale trade.....	2,600	157	6.0	2	4	3	43	30	32
Retail trade.....	1,404	28	2.0	10	12	6	52	28	85
Finance, insurance, real estate.....	3,623	234	6.5	102	87	46	42	20	85
Selected services.....									
Business receipts, total <sup>1</sup> .....	<sup>2</sup> 633.1	<sup>2</sup> 22.2	3.5	8.6	10.4	7.4	69	47	75
Firms with paid employees.....	(x)	14.9	(x)	6.4	7.1	5.5	83	75	79
With no paid employees.....	(x)	7.4	(x)	2.2	3.3	1.9	41	1	66
Construction.....	72.6	2.1	2.9	.8	1.2	.4	55	21	74
Manufacturing.....	38.5	.9	2.3	.6	.9	.5	50	69	90
Transportation and public utilities <sup>3</sup> .....	22.8	.9	3.9	.5	.4	.2	69	42	131
Wholesale trade.....	291.4	10.8	3.7	.7	.8	.6	78	104	69
Retail trade.....	1,404	28	3.4	3.8	3.5	3	59	39	52
Finance, insurance, real estate.....	66.6	.7	1.1	.6	.4	.3	84	63	129
Selected services.....	120.1	5.9	4.9	1.9	2.6	1.7	91	57	121
Employment, total <sup>1</sup> .....	(NA)	<sup>2</sup> 424	(NA)	164	206	130	21	6	29
Construction.....	(NA)	42	(NA)	17	23	5	-2	-22	12
Manufacturing.....	(NA)	37	(NA)	16	28	16	40	12	45
Transportation and public utilities <sup>3</sup> .....	(NA)	12	(NA)	8	4	3	-	-3	(z)
Wholesale trade.....	(NA)	10	(NA)	5	6	4	17	22	14
Retail trade.....	(NA)	166	(NA)	46	75	62	25	4	32
Finance, insurance, real estate.....	(NA)	10	(NA)	15	5	4	-	1	26
Selected services.....	(NA)	139	(NA)	55	61	34	31	23	35

- Represents zero. NA Not available. X Not applicable. Z Less than .5 percent. <sup>1</sup> Includes industries not shown separately. <sup>2</sup> Excludes large corporations for comparison to all U.S. firms; breakdown by race includes large corporations. <sup>3</sup> Excludes railroads.

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



## NO. 933. CONSUMER COOPERATIVES, BY TYPE OF ASSOCIATION: 1965 TO 1976

[Members in thousands; business in millions of dollars. Business refers to loans outstanding]

TYPE OF ASSOCIATION	1965			1970			1977		
	Associations	Members	Business	Associations	Members	Business	Associations	Members	Business
Credit unions <sup>1</sup> .....	22,064	16,756	8,098	23,856	22,813	14,106	22,106	40,720	50,268
Electric power cooperatives <sup>2</sup> .....	885	4,964	781	875	5,789	1,195	871	8,435	5,322
Rural telephone cooperatives <sup>3</sup> .....	219	485	48	235	609	86	246	854	221
Independent prepaid and self-insured health plans <sup>4</sup> .....	569	8,684	582	<sup>5</sup> 457	10,532	1,016	1,207	18,876	4,366
Community consumer.....	43	3,400	216	<sup>6</sup> 40	4,900	457	50	6,939	1,445
Labor and management.....	507	5,068	366	<sup>7</sup> 418	5,500	559	1,047	11,237	2,707
Health professionals (both profit making and non-profit plans).....	19	(NA)	(NA)	(NA)	(NA)	(NA)	110	700	214
Farm supply cooperatives selling producer and consumer goods <sup>8</sup> .....	6,763	(NA)	2,910	6,209	(NA)	3,871	5,320	(NA)	10,557
Petroleum products <sup>9</sup> .....	2,773	(NA)	643	2,774	(NA)	862	3,025	(NA)	2,514
Meats and groceries.....	775	(NA)	60	717	(NA)	83	499	(NA)	92
Miscellaneous <sup>9</sup> .....	4,800+	(NA)	356	4,800+	(NA)	527	4,400	(NA)	1,213

NA Not available. <sup>1</sup> Source: 1965, U.S. Social Security Administration; beginning 1970, National Credit Union Administration, *Annual Report of the National Credit Union Administration*. See also table 889. <sup>2</sup> 1978 data. <sup>3</sup> Source: U.S. Rural Electrification Administration, *Annual Statistical Report—Rural Electric Borrowers*. Electric distribution cooperatives currently borrowing from REA, average number of consumers served, and total revenues. <sup>4</sup> Source: U.S. Rural Electrification Administration, *Annual Statistical Report—Rural Telephone Borrowers*. Cooperatives currently borrowing from REA, number of subscribers at end of year, annual revenues. <sup>5</sup> Source: U.S. Health Care Financing Administration. Data do not include dental service corporations or vision service corporations. Estimated enrollees and annual subscription income of plans. Enrollment is for most frequent type of benefit (surgical services). Data for 1977 are preliminary pending completion of 1978 Nationwide Census of such plans. <sup>6</sup> 1968 data. <sup>7</sup> Data for fiscal years ending June 30 or earlier in years shown. 1977 is preliminary. 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. Three types of consumer goods are shown in table. See table 1232. <sup>8</sup> Sales include products for farming, for both farm and non-farm home heating, and automobile and truck uses. <sup>9</sup> Includes hardware, building supplies, lawn and garden items, electrical goods, containers, and other supplies used by both farmers and nonfarmers.

Source: Except as noted, U.S. Dept. of Agriculture, Economics, Statistics, and Cooperatives Service, unpublished data.

## NO. 934. DETERMINANTS OF BUSINESS FIXED INVESTMENT: 1960 TO 1979

[Percent]

ITEM	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979, prel.
Ratio of real investment to real GNP <sup>1</sup> .....	9.0	10.3	10.2	9.8	10.0	10.6	10.7	9.4	9.3	9.6	10.0	10.4
Capacity utilization rate in mfg. <sup>2</sup> .....	80.2	89.6	79.3	78.4	83.5	87.6	83.8	72.9	79.5	81.9	84.4	85.7
Nonfinancial corporations:												
Cash flow as percent of GNP <sup>3</sup> .....	9.0	10.4	7.9	8.2	8.6	8.0	6.9	8.7	9.1	9.1	8.8	8.4
Rate of return—												
Net on depreciable assets <sup>4</sup> .....	11.2	15.8	9.4	9.7	10.7	10.3	7.8	8.3	9.3	9.7	9.7	9.2
On stockholders equity <sup>5</sup> .....	5.0	9.3	4.6	5.4	6.6	9.2	8.8	5.4	4.8	6.3	7.1	7.9
Ratio of market value to replacement cost of net assets <sup>6</sup> .....	1.02	1.35	.91	1.00	1.07	1.01	.75	.71	.80	.73	.68	.65

<sup>1</sup> GNP=Gross national product. <sup>2</sup> Federal Reserve Board index. For capacity by stage of processing, see table 1438. <sup>3</sup> Cash flow calculated as after-tax profits plus capital consumption allowance plus inventory valuation adjustment. <sup>4</sup> Profits before taxes plus capital consumption adjustment and inventory valuation adjustment plus net interest paid divided by the stock of depreciable assets valued at current replacement cost. <sup>5</sup> After-tax profits corrected for inflation effects divided by net worth (physical capital component valued at current replacement cost). <sup>6</sup> 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*, annual. Data from U.S. Bureau of Economic Analysis and the Board of Governors of the Federal Reserve System.

## NO. 935. AVERAGE ANNUAL GROWTH RATE OF FIXED BUSINESS CAPITAL PER HOUR WORKED IN PRIVATE BUSINESS: 1948 TO 1979

[In percent. Rates based on capital valued in constant (1972) dollars. Excludes nonprofit institutions and government enterprises; see also headnote, table 936]

ITEM	1948-1965	1965-1973	1973-1978	1973-1974	1974-1975	1975-1976	1976-1977	1977-1978	1978-1979
Total gross.....	2.3	2.4	1.3	2.8	7.0	-.6	-1.0	-1.6	-.1
Structures.....	1.5	1.6	.5	1.9	6.3	-1.2	-2.0	-2.3	-.7
Equipment.....	4.0	3.6	2.4	4.1	8.1	.3	.2	-.6	.9
Total net.....	2.7	2.9	.8	2.7	6.1	-1.3	-1.4	-1.9	-.1
Structures.....	2.3	2.2	.1	1.9	5.5	-1.8	-2.4	-2.6	-.8
Equipment.....	3.5	4.0	2.0	4.0	7.1	-.4	.2	-.7	.8

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

**NO. 936. FIXED NONRESIDENTIAL BUSINESS CAPITAL—COST VALUATION IN CURRENT AND  
CONSTANT (1972) DOLLARS: 1960 TO 1979**

[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 1976 and data in constant (1958) dollars, see *Historical Statistics of the United States, Colonial Times to 1970*, series F 460-527.]

ITEM	1960	1965	1970	1972 <sup>1</sup>	1973	1974	1975	1976	1977	1978	1979
<b>CURRENT DOLLARS</b>											
<b>All industries:<sup>2</sup></b>											
Gross stocks.....	680.6	837.7	1,339.0	1,582.7	1,814.6	2,135.3	2,392.4	2,600.0	2,859.4	3,212.5	3,645.5
Equipment.....	336.6	408.4	632.4	726.4	814.2	963.4	1,104.8	1,215.4	1,338.3	1,490.2	1,681.8
Structures.....	343.9	429.4	706.6	856.4	1,000.3	1,171.9	1,287.6	1,384.5	1,521.0	1,722.4	1,963.7
Net stocks.....	374.4	474.5	784.8	922.5	1,059.5	1,244.1	1,378.6	1,485.0	1,624.9	1,819.6	2,060.7
Equipment.....	179.0	220.6	354.0	401.1	451.0	532.8	605.2	660.8	725.7	805.8	908.0
Structures.....	195.4	253.8	430.7	521.5	608.5	711.3	773.4	824.2	899.2	1,013.7	1,152.7
Depreciation.....	36.7	44.2	71.2	83.6	91.4	107.3	127.9	139.6	152.0	170.5	191.8
Equipment.....	25.4	30.5	49.0	57.1	61.7	71.3	87.0	95.0	103.8	116.1	129.7
Structures.....	11.3	13.7	22.1	26.5	29.7	35.9	40.9	44.6	48.2	54.3	62.1
<b>Manufacturing:</b>											
Gross stocks.....	171.0	205.9	321.6	364.0	410.3	480.1	527.8	566.8	624.1	700.8	796.1
Equipment.....	97.7	118.2	181.7	203.4	226.7	269.8	307.0	341.1	381.6	428.5	486.1
Structures.....	73.4	87.8	139.9	160.6	183.6	210.3	220.8	225.7	242.5	272.3	310.0
Net stocks.....	90.7	108.6	176.1	195.6	220.1	257.6	280.4	301.1	331.8	372.3	424.6
Equipment.....	51.4	62.6	101.1	110.7	123.5	147.4	165.3	184.2	207.4	232.6	264.5
Structures.....	39.2	46.0	75.0	85.0	96.5	110.2	115.1	116.9	124.4	139.6	160.1
Depreciation.....	9.5	11.3	18.2	20.7	22.4	26.0	30.5	32.6	35.7	39.8	45.3
Equipment.....	7.0	8.3	13.3	15.2	16.3	18.8	22.5	24.6	27.4	30.5	34.8
Structures.....	2.5	3.0	4.8	5.5	6.1	7.2	8.0	8.0	8.4	9.3	10.6
<b>Nonfarm nonmfg.:</b>											
Gross stocks.....	453.6	565.8	919.8	1,066.7	1,278.1	1,508.9	1,700.5	1,853.2	2,037.5	2,289.7	2,596.7
Equipment.....	203.3	249.5	393.6	459.0	517.0	610.8	701.9	767.6	839.0	930.8	1,047.1
Structures.....	250.3	316.3	526.2	647.8	761.1	898.1	998.5	1,085.6	1,198.4	1,359.0	1,549.5
Net stocks.....	254.0	329.7	554.2	664.9	769.3	905.1	1,006.9	1,084.1	1,184.0	1,325.7	1,497.7
Equipment.....	110.0	137.3	222.9	256.9	290.2	341.4	388.6	419.2	455.5	503.9	564.7
Structures.....	144.0	192.4	331.3	408.1	479.1	563.6	618.3	664.9	728.5	821.8	933.0
Depreciation.....	23.7	28.9	47.3	56.6	62.3	73.6	88.4	96.9	105.3	118.5	132.6
Equipment.....	15.5	18.9	31.0	36.8	40.1	46.5	57.3	62.3	67.5	75.8	83.6
Structures.....	8.2	10.0	16.3	19.8	22.3	27.1	31.1	34.6	37.8	42.8	49.0
<b>CONSTANT (1972) DOLLARS</b>											
<b>All industries:<sup>2</sup></b>											
Gross stocks.....	963.9	1,135.2	1,421.6	1,527.6	1,593.2	1,656.6	1,701.7	1,748.2	1,805.2	1,866.7	1,932.7
Equipment.....	426.0	500.6	651.4	707.5	745.8	780.6	806.9	832.8	867.6	903.0	939.9
Structures.....	537.9	634.6	770.1	820.1	847.5	875.9	894.7	915.4	937.6	963.7	992.8
Net stocks.....	533.0	645.9	833.7	889.8	928.5	963.7	981.3	1,000.8	1,029.0	1,060.2	1,095.1
Equipment.....	225.9	269.7	364.4	380.4	413.0	431.8	442.3	453.4	472.1	490.7	510.2
Structures.....	307.1	376.2	469.3	489.4	515.5	532.0	539.0	547.4	556.8	569.6	584.9
Depreciation.....	49.8	58.5	77.0	83.6	87.6	91.9	96.6	99.0	101.7	107.3	110.2
Equipment.....	32.4	38.0	52.1	57.1	60.2	63.7	67.6	69.4	71.3	76.2	78.1
Structures.....	17.4	20.5	25.0	26.5	27.3	28.2	29.0	29.6	30.3	31.2	32.1
<b>Manufacturing:</b>											
Gross stocks.....	254.4	281.6	340.8	353.5	363.8	375.5	380.6	389.7	401.3	413.5	427.8
Equipment.....	130.5	147.9	188.9	200.1	209.1	218.6	223.0	231.9	242.9	253.1	264.3
Structures.....	123.9	133.7	151.9	153.4	154.7	156.9	157.6	157.8	158.4	160.5	163.5
Net stocks.....	134.7	148.3	186.5	190.0	195.3	201.6	202.2	206.8	213.3	219.9	228.6
Equipment.....	68.5	78.2	105.0	108.8	113.9	119.4	120.0	125.2	132.0	137.6	144.1
Structures.....	66.2	70.1	81.5	81.2	81.4	82.2	82.2	81.7	81.2	82.3	84.4
Depreciation.....	13.5	15.2	19.6	20.7	21.5	22.4	23.0	23.4	24.2	25.2	26.3
Equipment.....	9.2	10.5	14.1	15.2	15.9	16.7	17.3	17.7	18.5	19.4	20.4
Structures.....	4.3	4.7	5.4	5.5	5.6	5.6	5.7	5.7	5.7	5.8	5.9
<b>Nonfarm nonmfg.:</b>											
Gross stocks.....	629.9	766.2	979.0	1,068.0	1,120.2	1,168.8	1,205.6	1,239.8	1,282.6	1,329.1	1,377.2
Equipment.....	250.0	303.9	404.8	447.1	474.7	498.6	518.4	533.3	555.7	579.5	602.8
Structures.....	379.9	462.3	574.2	620.8	645.5	670.2	687.2	706.4	726.8	749.6	774.3
Net stocks.....	354.7	448.8	589.8	640.6	672.2	699.3	714.5	727.7	748.3	771.9	798.2
Equipment.....	134.4	166.2	228.5	249.6	265.9	278.3	286.9	291.7	303.0	315.5	327.2
Structures.....	220.3	282.6	361.3	391.0	406.3	420.9	427.6	436.0	445.3	456.5	469.0
Depreciation.....	31.5	38.2	51.2	56.6	59.7	63.0	66.9	68.6	70.3	75.0	76.5
Equipment.....	19.3	23.4	32.9	36.8	39.2	41.7	45.0	46.1	47.1	51.0	51.7
Structures.....	12.2	14.8	18.4	19.8	20.5	21.3	22.0	22.6	23.2	24.0	24.6

<sup>1</sup> For gross and net stocks, constant dollar data are generally lower than current dollar data for year end 1972. Implicit price deflator is set equal to 1; due to inflation during last six months of 1972, implicit price deflator applied to stocks at year-end was greater than 1. Depreciation is deflated by the annual average deflator. <sup>2</sup> Includes farm, not shown separately.

Source: U.S. Bureau of Economic Analysis, *Fixed Nonresidential Business and Residential Capital in the United States, 1925-1975; Survey of Current Business*, August issues; and unpublished data.

## NO. 937. FIXED NONRESIDENTIAL INVESTMENT—BY TYPE OF STRUCTURE: 1960 TO 1979

[In billions of dollars. See headnote, table 940]

TYPE OF STRUCTURE	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
<b>Investment, total</b> .....	<b>18.2</b>	<b>26.1</b>	<b>37.7</b>	<b>42.5</b>	<b>49.0</b>	<b>54.5</b>	<b>53.8</b>	<b>57.3</b>	<b>62.6</b>	<b>76.5</b>	<b>92.6</b>
New investment.....	18.3	26.2	37.4	42.3	48.6	54.1	53.5	57.0	62.2	76.0	92.0
Buildings, excl. farm.....	10.2	16.6	21.6	24.3	27.8	29.8	26.6	26.3	28.9	36.5	46.4
Industrial.....	2.9	5.7	6.5	4.7	6.2	7.9	8.0	7.2	7.7	11.0	14.5
Commercial.....	4.2	6.5	9.9	13.7	15.7	16.1	13.0	13.0	15.0	18.8	24.5
Religious.....	1.0	1.3	.9	.8	.8	.9	.9	1.0	1.0	1.2	1.5
Educational.....	.6	.7	.9	1.0	.8	.7	.6	.7	.7	.7	.8
Hospital and institutional.....	.6	1.4	2.5	3.2	3.2	3.2	3.2	3.4	3.3	3.4	3.5
Public utilities.....	4.6	5.7	10.6	12.5	14.3	15.6	16.3	19.0	18.8	22.4	25.9
Railroads.....	.3	.3	.3	.4	.4	.6	.5	.6	.8	1.0	1.1
Telephone and telegraph.....	1.1	1.5	2.9	3.2	3.9	4.2	3.6	3.7	4.3	5.3	6.2
Electric light and power.....	2.0	2.5	5.5	7.0	8.1	8.4	8.9	10.6	11.1	13.4	15.4
Gas.....	1.1	1.3	1.6	1.6	1.6	1.7	1.3	1.2	1.5	2.2	2.5
Petroleum pipelines.....	.1	.1	.3	.3	.3	.8	1.9	2.9	1.2	.5	.7
Farm.....	.8	1.0	1.5	1.4	2.1	2.7	2.4	2.6	2.8	3.2	3.7
Mining exploration, shafts, wells.....	2.3	2.4	2.8	3.1	3.4	5.0	7.1	6.0	10.3	12.6	14.8
Petroleum and natural gas.....	2.2	2.3	2.5	2.7	3.0	4.3	6.3	7.1	9.4	11.6	13.5
Brokers' commissions.....	.2	.3	.4	.4	.5	.5	.5	.5	.5	.6	.9
Net purchase of used structures.....	-.3	-.3	-.1	-.1	-.2	-.2	-.1	-.1	-.1	-.1	-.2

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-74*; and *Survey of Current Business*, July issues; and unpublished data.

## NO. 938. FIXED NONRESIDENTIAL BUSINESS CAPITAL—AVERAGE AGE OF GROSS STOCKS, CONSTANT (1972) COST VALUATION: 1960 TO 1979

[Age in years. As of Dec. 31. See headnote, table 936, and *Historical Statistics, Colonial Times to 1970*, series F 516-527]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
<b>All industries: Gross stocks</b> .....	<b>11.9</b>	<b>11.1</b>	<b>10.3</b>	<b>10.2</b>	<b>10.1</b>	<b>10.1</b>	<b>10.1</b>	<b>10.2</b>	<b>10.2</b>	<b>10.2</b>	<b>10.2</b>
Equipment.....	7.1	7.0	6.5	6.5	6.4	6.4	6.4	6.5	6.4	6.4	6.4
Structures.....	15.7	14.4	13.4	13.4	13.4	13.4	13.5	13.6	13.8	13.8	13.9
<b>Manufacturing: Gross stocks</b> .....	<b>10.9</b>	<b>10.9</b>	<b>10.0</b>	<b>10.1</b>	<b>10.0</b>	<b>9.9</b>	<b>10.0</b>	<b>9.9</b>	<b>9.8</b>	<b>9.7</b>	<b>9.6</b>
Equipment.....	7.5	7.4	6.8	6.9	6.8	6.8	6.9	6.8	6.7	6.7	6.7
Structures.....	14.5	14.6	14.1	14.2	14.3	14.3	14.4	14.4	14.5	14.5	14.4
<b>Nonfarm nonmfg.: Gross stocks</b> .....	<b>12.5</b>	<b>11.3</b>	<b>10.3</b>	<b>10.2</b>	<b>10.1</b>	<b>10.1</b>	<b>10.2</b>	<b>10.3</b>	<b>10.3</b>	<b>10.3</b>	<b>10.4</b>
Equipment.....	6.9	6.8	6.3	6.3	6.2	6.2	6.2	6.3	6.3	6.2	6.2
Structures.....	16.1	14.2	13.1	13.0	13.0	13.0	13.1	13.3	13.4	13.5	13.6
<b>Farm: Gross stocks</b> .....	<b>10.9</b>	<b>10.7</b>	<b>10.4</b>	<b>10.6</b>	<b>10.6</b>	<b>10.6</b>	<b>10.6</b>	<b>10.7</b>	<b>10.8</b>	<b>10.9</b>	<b>10.9</b>
Equipment.....	7.0	7.1	6.6	6.6	6.6	6.6	6.6	6.6	6.6	6.7	6.7
Structures.....	16.1	15.4	15.4	15.7	15.8	15.8	16.0	16.1	16.3	16.4	16.6

Source: U.S. Bureau of Economic Analysis; *Fixed Nonresidential Business and Residential Capital in the United States, 1925-1975*, and unpublished data.

## NO. 939. CAPITAL INVESTED PER EMPLOYEE: 1950 TO 1976

[In thousands of 1972 dollars. Represents all persons working in industries indicated. Asset data based on National Technical Information Service analyses; for a detailed description of methodology, see *The National Wealth of the United States: By Major Sectors and Industries, 1976*, by the Conference Board]

INDUSTRY AND 1972 INDUSTRY CODE	1950	1960	1970	1976	INDUSTRY AND 1972 INDUSTRY CODE	1950	1960	1970	1976
Real estate, 65.....	958.9	823.1	800.7	752.7	Fabricated metals, 34.....	9.9	15.3	16.0	21.6
Public utilities, 49.....	165.7	239.7	298.5	367.6	Rubber and plastics, 30.....	13.5	18.2	18.8	20.9
Petroleum, 29.....	70.4	100.0	140.1	150.9	Finance and insurance, 60-64.....	11.0	13.5	17.0	20.1
Communication, 48.....	48.5	74.3	102.5	138.2	Lumber and wood, 24.....	11.7	10.1	15.6	20.0
Transportation, 41-47.....	86.9	104.2	101.7	102.8	Instruments, 38.....	12.3	13.8	16.8	19.4
Primary metals, 33.....	28.7	45.6	55.2	65.6	Textiles, 22.....	7.9	15.7	17.1	18.6
Mining, 10-14.....	43.3	61.0	70.1	59.1	Electric machinery, 36.....	9.8	9.8	14.9	18.1
Tobacco, 21.....	34.1	46.3	49.1	58.7	Misc. manufacturing, 39.....	9.4	8.8	14.7	15.7
Chemicals, 28.....	34.7	43.9	48.6	55.1	Printing and publishing, 27.....	12.1	9.9	12.8	15.3
Paper, 26.....	31.4	33.8	39.3	46.3	Wholesale, retail trade, 50-59.....	12.4	13.9	14.6	14.6
Stone, clay, glass, 32.....	18.2	26.5	31.5	36.4	Construction, 15-17.....	5.2	7.5	10.6	11.7
Transportation equip, 37.....	13.7	16.5	23.1	27.2	Furniture and fixtures, 25.....	9.2	8.3	8.7	10.0
Nonelectric machinery, 35.....	14.8	18.3	22.7	26.5	Leather, 31.....	5.3	4.1	6.0	7.1
Food, 20.....	20.3	21.1	23.1	25.0	Apparel, 3.....	3.3	2.8	4.8	6.1
Services, 70-89.....	19.0	18.3	22.5	22.8					

Source: The Conference Board, New York, N.Y., *Road Maps of Industry*, monthly. (Copyright.)

## NO. 940. BUSINESS EXPENDITURES FOR NEW PLANT AND EQUIPMENT: 1960 TO 1980

[In billions of dollars, except percent. Excludes expenditures of agricultural business, professionals, institutions, and real estate firms, and current account outlays. Based on sample and subject to sampling variability; see text, p. 554. These figures do not agree with the fixed nonresidential investment data mainly because those data exclude investments for equipment; and include investment by farmers, professionals, nonprofit institutions, and real estate firms, 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	1973	1974	1975	1976	1977	1978	1979	1980 <sup>1</sup>
<b>All Industries.....</b>	<b>36.75</b>	<b>54.42</b>	<b>79.71</b>	<b>99.74</b>	<b>112.40</b>	<b>112.78</b>	<b>120.49</b>	<b>135.80</b>	<b>153.82</b>	<b>177.09</b>	<b>194.63</b>
Manufacturing.....	15.09	23.44	31.95	38.01	46.01	47.95	52.48	60.16	67.62	78.92	89.55
Durable goods.....	7.23	11.50	15.80	19.25	22.62	21.84	23.68	27.77	31.66	38.23	43.11
Primary metals <sup>2</sup> .....	1.82	2.54	3.24	3.43	4.95	5.99	5.97	5.68	5.87	6.57	7.60
Blast furnaces, steel works.....	1.35	1.57	1.68	1.38	2.12	3.03	2.99	2.67	2.46	2.97	3.71
Nonferrous metals.....	.32	.73	1.24	1.67	2.33	2.28	2.16	2.24	2.45	2.61	2.91
Electrical machinery <sup>3</sup> .....	.90	1.12	2.27	2.84	2.97	2.31	2.62	3.28	3.98	5.17	6.10
Machinery <sup>4</sup> .....	1.25	2.31	3.47	3.42	4.42	4.50	5.03	5.76	6.29	8.41	9.39
Transportation equip. <sup>5</sup> .....	1.25	2.54	2.43	3.12	3.75	3.24	3.62	5.32	6.40	7.75	8.94
Motor vehicles.....	.79	1.89	1.59	2.28	2.70	2.06	2.45	4.06	4.65	5.36	5.96
Aircraft.....	.34	.46	.54	.53	.80	.92	.94	1.02	1.02	1.10	2.76
Stone, clay, and glass.....	.75	.92	.99	1.49	1.44	1.42	1.72	1.99	2.46	2.92	2.84
Other durables.....	1.26	2.07	3.41	4.96	5.10	4.38	4.73	5.73	6.65	7.41	8.24
Nondurable goods.....	7.85	11.94	16.15	18.76	23.39	26.11	28.81	32.39	35.96	40.69	46.45
Food and beverages.....	1.34	1.83	2.84	3.11	3.25	3.26	3.75	4.18	4.87	5.06	5.29
Paper.....	.77	1.22	1.65	1.86	2.58	2.95	3.27	3.36	3.46	4.88	6.04
Chemicals.....	1.55	2.73	3.44	4.46	5.69	6.25	6.68	6.83	7.10	8.56	9.55
Petroleum.....	2.89	4.03	5.62	5.45	8.00	10.51	11.62	13.87	15.50	16.62	19.53
Rubber.....	.31	.56	.94	1.56	1.47	1.00	1.10	1.45	1.75	1.80	1.71
Textiles.....	.37	.66	.56	.77	.84	.66	.81	.92	1.04	1.06	1.15
Other nondurables.....	.62	.92	1.10	1.56	1.55	1.48	1.59	1.78	2.24	2.71	3.18
Nonmanufacturing.....	21.66	30.98	47.76	61.73	66.39	64.82	68.01	75.64	86.19	98.17	105.08
Mining.....	1.30	1.46	1.89	2.74	3.18	3.79	4.00	4.50	4.78	5.56	6.18
Railroad.....	1.16	1.99	1.78	1.96	2.54	2.55	2.52	2.80	3.32	3.93	3.96
Air transportation.....	.68	1.22	3.03	2.41	2.00	1.84	1.30	1.62	2.30	3.24	3.77
Other transportation.....	1.30	1.68	1.23	1.66	2.12	3.18	3.63	2.51	2.43	2.95	3.22
Public utilities.....	5.24	6.13	13.14	18.71	20.55	20.14	22.28	25.80	29.48	32.56	32.94
Electric.....	3.62	4.43	10.65	15.94	17.63	17.00	18.80	21.59	24.79	27.50	27.21
Gas and other.....	1.62	1.70	2.49	2.76	2.92	3.14	3.47	4.21	4.70	5.07	5.73
Communication.....	3.24	5.30	10.10	12.85	13.96	12.74	13.30	15.45	18.16	20.56	22.51
Commercial and other <sup>6</sup> .....	8.75	13.19	16.59	21.40	22.05	20.60	20.99	22.97	25.71	29.35	32.51
Avg. annual percent change: <sup>6</sup>											
All Industries.....	4.5	8.2	7.9	12.8	12.7	.3	6.8	12.7	13.3	15.1	9.9
Manufacturing.....	4.9	9.2	6.4	21.2	21.1	4.2	9.5	14.6	12.4	16.7	13.5
Nonmanufacturing.....	4.2	7.4	9.0	8.1	7.6	-2.4	4.9	11.2	13.9	13.9	7.0

<sup>1</sup> Estimates based on expected capital expenditures as reported by business in late April and May 1980. <sup>2</sup> Includes industries not shown separately. <sup>3</sup> Includes equipment. <sup>4</sup> Excludes electrical. <sup>5</sup> Trade, service, construction, finance, and insurance. <sup>6</sup> Change from prior year shown here; e.g., 1965 from 1960, except as noted. For explanation of average annual percent change, see Guide to Tabular Presentation. <sup>7</sup> Change from 1955.

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

## NO. 941. NONFARM BUSINESS INVENTORIES IN CURRENT AND CONSTANT (1972) DOLLARS: 1960 TO 1979

[In billions of dollars. As of end of year. To ascertain net physical change in nonfarm inventories, book values of beginning and ending inventories of each year are expressed in terms of constant base year prices by means of selected Bureau of Labor Statistics producer (wholesale) price indexes appropriate to each industry. Net increment in deflated book value figures is then converted to a current price basis by index ratios or current prices to base year prices. See text, p. 392, for discussion of Standard Industrial Classification]

CLASS OF INVENTORY	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
<b>Current dollars, total.....</b>	<b>111.3</b>	<b>143.0</b>	<b>212.5</b>	<b>225.1</b>	<b>243.9</b>	<b>289.6</b>	<b>363.7</b>	<b>364.0</b>	<b>399.8</b>	<b>444.6</b>	<b>510.2</b>	<b>607.8</b>
Manufacturing.....	58.1	73.7	110.8	113.6	120.4	143.6	186.4	187.9	203.9	222.5	253.7	309.7
Wholesale trade.....	19.6	25.3	38.3	41.2	45.7	55.2	69.8	68.1	76.6	86.4	102.0	120.1
Retail trade.....	25.6	33.1	45.6	51.0	55.9	64.4	72.3	72.1	80.5	91.6	105.4	117.2
All other.....	8.1	10.9	17.7	19.2	21.8	26.4	35.2	35.9	38.8	44.1	49.1	60.8
<b>Constant (1972) dollars, total.....</b>	<b>138.8</b>	<b>172.8</b>	<b>223.6</b>	<b>228.8</b>	<b>237.6</b>	<b>251.8</b>	<b>250.1</b>	<b>249.1</b>	<b>257.5</b>	<b>270.8</b>	<b>284.6</b>	<b>293.4</b>
Manufacturing.....	72.4	89.1	117.1	115.4	117.5	123.6	128.6	124.2	126.8	131.0	136.3	143.5
Wholesale trade.....	24.3	30.5	40.4	42.0	44.4	47.4	50.6	47.2	50.3	53.7	58.2	59.7
Retail trade.....	31.5	39.4	47.3	51.9	54.4	58.2	56.5	54.0	56.8	61.6	64.8	64.3
All other.....	10.7	13.8	18.8	19.5	21.3	22.7	24.5	23.6	23.6	24.5	25.3	25.9

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-74*, and *Survey of Current Business*, July issues and March 1980.

# NO. 942. MANUFACTURING AND TRADE—SALES AND INVENTORIES IN CURRENT AND CONSTANT (1972) DOLLARS: 1960 TO 1979

[In billions of dollars, except ratios. See *Historical Statistics, Colonial Times to 1970*, series V 78-107, for single year figures prior to minor revisions issued in 1976 and since]

ITEM	1960	1965	1970 <sup>1</sup>	1973	1974	1975	1976	1977	1978	1979
<b>CURRENT DOLLARS</b>										
<b>Sales, average monthly</b>	<b>61</b>	<b>80</b>	<b>108</b>	<b>152</b>	<b>176</b>	<b>180</b>	<b>202</b>	<b>225</b>	<b>254</b>	<b>268</b>
Manufacturing	31	41	53	73	85	87	99	111	125	141
Retail trade	18	24	31	43	45	49	55	60	67	74
Merchant wholesalers	12	16	24	37	46	45	48	54	63	74
<b>Inventories <sup>2</sup></b>	<b>95</b>	<b>121</b>	<b>178</b>	<b>234</b>	<b>266</b>	<b>285</b>	<b>311</b>	<b>337</b>	<b>381</b>	<b>427</b>
Manufacturing	54	68	102	125	158	156	170	180	198	228
Retail trade	27	34	44	63	71	72	79	89	102	109
Merchant wholesalers	14	18	33	46	57	55	61	68	81	90
<b>Inventory-sales ratio <sup>3</sup></b>	<b>1.56</b>	<b>1.45</b>	<b>1.62</b>	<b>1.43</b>	<b>1.47</b>	<b>1.58</b>	<b>1.48</b>	<b>1.44</b>	<b>1.41</b>	<b>1.41</b>
Manufacturing	1.75	1.60	1.90	1.58	1.65	1.83	1.66	1.59	1.52	1.52
Retail trade	1.45	1.39	1.41	1.40	1.48	1.44	1.38	1.39	1.43	1.45
Merchant wholesalers	1.22	1.15	1.29	1.17	1.12	1.24	1.21	1.21	1.19	1.17
<b>CONSTANT (1972) DOLLARS <sup>4</sup></b>										
<b>Sales, average monthly</b>	<b>77</b>	<b>102</b>	<b>115</b>	<b>142</b>	<b>133</b>	<b>133</b>	<b>143</b>	<b>153</b>	<b>162</b>	<b>161</b>
Manufacturing	38	52	54	69	65	63	68	73	77	76
Retail trade	24	31	34	40	38	41	43	45	47	47
Merchant wholesalers	15	20	26	33	31	30	32	34	38	38
<b>Inventories</b>	<b>123</b>	<b>152</b>	<b>197</b>	<b>220</b>	<b>227</b>	<b>217</b>	<b>225</b>	<b>237</b>	<b>250</b>	<b>257</b>
Manufacturing	72	89	117	124	129	124	127	131	136	144
Retail trade	33	41	47	58	57	54	57	62	65	64
Merchant wholesalers	17	22	32	38	42	39	42	44	49	50
<b>Inventory-sales ratios <sup>5</sup></b>	<b>1.60</b>	<b>1.49</b>	<b>1.72</b>	<b>1.55</b>	<b>1.70</b>	<b>1.63</b>	<b>1.57</b>	<b>1.55</b>	<b>1.54</b>	<b>1.60</b>
Manufacturing	1.89	1.72	2.15	1.80	1.99	1.97	1.86	1.80	1.76	1.90
Retail trade	1.39	1.34	1.39	1.45	1.49	1.33	1.32	1.36	1.37	1.38
Merchant wholesalers	1.21	1.13	1.25	1.17	1.34	1.30	1.30	1.29	1.29	1.29

<sup>1</sup> Beginning 1970, data not comparable with earlier years due to revised procedures. <sup>2</sup> Book value; seasonally adjusted end-of-year data. See text, page 554. <sup>3</sup> Average inventories to average monthly sales. Average inventories based on weighted averages of end-of-month figures. <sup>4</sup> Source: 1960 to 1976, U.S. Bureau of Economic Analysis, *Business Statistics*, annual; thereafter, *Survey of Current Business*, July issues. <sup>5</sup> End of fourth quarter inventories to average monthly sales for fourth quarter.

Source: Except as noted, U.S. Bureau of the Census, *Current Business Reports*, monthly.

# NO. 943. BUSINESS CYCLE EXPANSIONS AND CONTRACTIONS—MONTHS OF DURATION: 1924 TO 1980

[The lower turning point of a cycle is considered a trough, the upper turning point a peak]

BUSINESS CYCLE REFERENCE DATE		Contraction (trough from previous peak)	Expansion (trough to peak)	LENGTH OF CYCLE (mo.)	
Trough	Peak			Trough from previous trough	Peak from previous peak
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	62
Six (All) cycles, 1945-1975, average		11	48	59	58
Four (Peacetime) cycles, 1945-1975, average		11	34	45	43

<sup>1</sup> 7 cycles.

Source: U.S. Bureau of Economic Analysis, *Business Conditions Digest*, June 1980.

## NO. 944. COMPOSITE INDEXES OF CYCLICAL INDICATORS: 1970 TO 1979

[See source for discussion of composite indexes, 1979 figures are preliminary]

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
<b>LEADING INDICATORS</b>										
<b>Composite index, 1967=100</b>	<b>104.4</b>	<b>113.7</b>	<b>124.9</b>	<b>131.8</b>	<b>122.1</b>	<b>114.8</b>	<b>128.8</b>	<b>136.4</b>	<b>141.8</b>	<b>140.1</b>
<b>Indexes:</b>										
Net business formation, 1967=100	107.1	109.5	115.5	115.5	111.2	108.8	117.2	126.5	132.9	131.7
Building permits, <sup>1</sup> 1967=100	118.1	167.4	192.2	157.1	92.2	80.9	111.8	144.9	145.4	123.8
Common stock prices, <sup>2</sup> 1941-43=100	83.2	98.3	109.2	107.4	82.8	86.2	102.0	98.2	96.0	103.0
<b>Percent—</b>										
Layoff rate, manufacturing	1.8	1.6	1.1	.9	1.5	2.1	1.3	1.1	.9	1.1
Change in sensitive prices <sup>3,4</sup>	.4	.3	.8	1.9	2.5	.1	1.2	.7	1.2	2.1
Change in total liquid assets <sup>4</sup>	.5	.8	1.0	1.0	.8	.8	.9	1.0	1.0	1.0
Vendor companies reporting slower deliveries	51	48	63	88	66	30	54	55	64	63
Avg. workweek, manufacturing <sup>5</sup> (hours)	39.8	39.9	40.5	40.7	40.0	39.5	40.1	40.3	40.4	40.2
Net change in inventories (1972 dols.) <sup>6</sup> (bil. dol.)	(2)	3	11	25	6	-19	6	13	19	11
Plant and equip. contracts and orders (1972 dols.) (bil. dol.)	106	111	124	150	150	115	129	145	163	175
New orders, manufacturing, consumer goods and materials (1972 dols.) (bil. dol.)	328	344	388	433	395	342	391	420	446	438
Money supply (M2) <sup>7</sup> (1972 dols.) (bil. dol.)	647	696	758	785	751	753	806	855	864	846
<b>COINCIDENT INDICATORS</b>										
<b>Composite index, 1967=100</b>	<b>108.8</b>	<b>109.4</b>	<b>118.1</b>	<b>127.4</b>	<b>125.3</b>	<b>115.5</b>	<b>123.7</b>	<b>131.3</b>	<b>140.1</b>	<b>145.2</b>
Industrial production index, 1967=100	107.8	109.6	119.7	129.8	129.3	117.8	130.5	138.2	146.1	152.2
Employees, nonagric. payrolls (mil.)	70.9	71.2	73.7	76.8	78.3	76.9	79.4	82.5	86.7	89.9
Personal income less transfer payments (1972 dols.) (bil. dol.)	780	792	838	885	867	852	894	942	996	1,024
Sales, mfg. and trade (1972 dols.) (bil. dol.)	1,380	1,442	1,559	1,677	1,662	1,558	1,671	1,774	1,876	1,918
<b>LAGGING INDICATORS</b>										
<b>Composite index, 1967=100</b>	<b>115.5</b>	<b>107.2</b>	<b>107.0</b>	<b>122.9</b>	<b>138.9</b>	<b>126.5</b>	<b>119.8</b>	<b>125.4</b>	<b>143.1</b>	<b>166.4</b>
Index of labor cost, <sup>8</sup> 1967=100	112.3	113.1	113.2	117.1	127.3	143.0	145.1	154.3	164.1	175.4
<b>Percent—</b>										
Ratio, consumer installment debt to personal income	12.8	12.9	13.1	13.6	13.3	12.7	13.0	13.8	14.3	15.0
Average prime rate charged by banks	7.9	5.7	5.2	8.0	10.8	7.9	6.8	6.8	9.1	12.7
Average unemployment duration (wks.)	8.6	11.3	12.0	10.0	9.8	14.2	15.8	14.3	11.9	10.8
Inventories, mfg. and trade (1972 dols.) (bil. dol.)	197	202	208	220	227	217	225	237	250	257
Commercial and industrial loans outstanding (bil. dol.)	85	84	80	97	116	118	109	113	126	147

Z Less than \$500,000,000. <sup>1</sup> New private housing units authorized. <sup>2</sup> Standard and Poor, 500 stocks. <sup>3</sup> Producer price index, crude materials. <sup>4</sup> Weighted 4-term moving average placed at the terminal month of the span. <sup>5</sup> Production workers. <sup>6</sup> Changes in book value. <sup>7</sup> See table 902. <sup>8</sup> Cost per unit of output in manufacturing.

Source: U.S. Bureau of Economic Analysis, *Business Conditions Digest*, monthly.

## NO. 945. CORPORATE FUNDS—SOURCES AND USES: 1960 TO 1979

[In billions of dollars. Covers nonfarm nonfinancial corporate business]

SOURCE AND USE	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>Sources, total</b>	<b>47.6</b>	<b>91.1</b>	<b>104.4</b>	<b>200.0</b>	<b>191.3</b>	<b>150.0</b>	<b>209.7</b>	<b>242.3</b>	<b>295.7</b>	<b>342.0</b>
<b>Internal</b>	<b>34.7</b>	<b>56.1</b>	<b>58.9</b>	<b>83.8</b>	<b>75.7</b>	<b>106.8</b>	<b>125.3</b>	<b>139.9</b>	<b>148.8</b>	<b>159.5</b>
Undistributed profits	9.8	21.7	9.6	32.5	39.1	35.1	48.5	52.0	61.0	77.6
Adjustments <sup>1</sup>	-2.0	1.7	-3.5	-16.7	-43.5	-24.1	-28.6	-26.4	-37.3	-56.9
Capital consumption allowances	26.8	32.6	52.7	68.1	80.0	95.7	105.3	114.3	125.1	139.8
<b>External<sup>2</sup></b>	<b>12.9</b>	<b>35.1</b>	<b>45.5</b>	<b>116.2</b>	<b>115.6</b>	<b>43.2</b>	<b>84.4</b>	<b>102.3</b>	<b>146.9</b>	<b>182.5</b>
Percent of total	27.1	38.5	43.6	58.1	60.4	28.8	40.3	42.2	49.7	53.4
Credit market funds, net	11.9	20.6	40.7	73.0	82.1	37.9	60.7	79.9	94.7	113.1
Net new equity issues	1.4	-	5.7	7.9	4.1	9.9	10.5	2.7	2.6	3.2
Long-term debt <sup>3</sup>	7.2	13.5	28.5	41.3	47.5	34.2	38.5	50.3	58.9	68.1
Short-term debt <sup>4</sup>	3.3	7.2	6.5	23.8	30.6	-6.3	11.6	26.9	33.2	41.8
Other <sup>5</sup>	1.0	14.4	4.9	43.1	33.4	5.3	23.8	22.4	52.2	69.5
<b>Uses, total</b>	<b>40.6</b>	<b>82.2</b>	<b>95.9</b>	<b>185.6</b>	<b>179.0</b>	<b>133.0</b>	<b>183.3</b>	<b>216.8</b>	<b>274.3</b>	<b>323.5</b>
Capital expenditures	38.0	82.0	80.3	123.3	134.7	99.9	139.0	169.9	195.9	223.4
Increase in financial assets	2.7	20.2	15.6	62.3	44.4	33.2	44.3	46.9	78.3	100.1
<b>Discrepancy (sources less uses)</b>	<b>7.0</b>	<b>9.0</b>	<b>8.5</b>	<b>14.4</b>	<b>12.2</b>	<b>16.9</b>	<b>26.4</b>	<b>25.5</b>	<b>21.4</b>	<b>18.5</b>

- Represents zero. <sup>1</sup> Inventory valuation and capital consumption adjustment. <sup>2</sup> Net increases in liability. <sup>3</sup> Maturity split on debt is approximate. Corporate bonds, multi-family and commercial mortgages, and 40 percent of bank loans. <sup>4</sup> Sixty percent of bank loans, commercial paper, acceptances, finance company loans, and Government loans. <sup>5</sup> Consists of tax liabilities, trade debt, and miscellaneous liabilities.

Source: Board of Governors of the Federal Reserve System, *Flow of Funds Accounts, 1949-1978*, and quarterly 1979 issues.

## NO. 946. GROSS DOMESTIC PRODUCT (GDP) OF CORPORATE BUSINESS: 1960 TO 1979

[In billions of dollars, except percent. For explanation of GDP, see text, p. 435. Excludes gross product originating in the rest of the world. Capital consumption allowances include capital consumption adjustment. Minus sign (—) denotes decrease. For explanation of average annual percent change, see Guide to Tabular Presentation. See *Historical Statistics, Colonial Times to 1970*, series V 141-166, for single-year figures prior to minor revisions issued in 1976]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>Gross domestic product (GDP)</b> .....	<b>291.0</b>	<b>409.8</b>	<b>592.4</b>	<b>789.5</b>	<b>848.6</b>	<b>918.7</b>	<b>1,039.5</b>	<b>1,164.5</b>	<b>1,311.9</b>	<b>1,458.1</b>
GDP, financial corp. business <sup>1</sup> .....	13.7	17.7	31.8	37.5	39.8	44.6	51.4	58.1	65.0	70.4
GDP, nonfinancial corp. business .....	277.3	392.1	560.6	752.0	808.8	874.1	988.0	1,106.3	1,246.9	1,387.7
Capital consumption allowances .....	27.5	33.7	55.1	71.9	84.6	101.3	111.6	121.3	132.9	147.7
Indirect business taxes <sup>2</sup> .....	29.9	43.9	66.4	87.0	92.6	100.4	108.4	117.2	127.6	137.7
Domestic income .....	233.6	332.3	470.9	630.6	671.4	717.1	819.4	925.9	1,051.3	1,172.7
<b>CURRENT DOLLARS</b>										
<b>NONFINANCIAL CORPORATION BUSINESS</b>										
<b>GDP, total</b> .....	<b>277.3</b>	<b>392.1</b>	<b>560.6</b>	<b>752.0</b>	<b>808.8</b>	<b>874.1</b>	<b>988.0</b>	<b>1,106.3</b>	<b>1,246.9</b>	<b>1,387.7</b>
Avg. annual percent change <sup>3</sup> .....	4.4	7.2	7.4	10.3	7.6	8.1	13.0	12.0	12.7	11.3
Capital consumption allowances .....	27.0	32.8	53.1	68.7	80.8	96.8	106.8	116.0	126.9	140.8
Indirect business taxes <sup>2</sup> .....	28.3	41.1	61.8	80.5	85.7	92.6	99.8	107.8	117.2	126.2
Domestic income .....	222.0	318.2	445.7	602.8	642.3	684.6	781.5	882.5	1,002.7	1,120.7
Compensation of employees .....	181.1	246.1	377.1	503.8	552.9	576.9	650.2	732.6	834.7	940.7
Corporate profits <sup>4</sup> .....	37.4	66.1	51.6	76.0	59.5	76.9	100.9	116.5	128.3	132.9
Profits before tax .....	39.5	64.4	55.1	92.7	102.9	101.3	130.0	143.5	166.1	190.2
Profits after tax .....	20.3	37.2	27.9	53.1	60.2	60.7	77.4	83.8	97.4	115.2
Inventory valuation adjustment .....	—3	—1.9	—5.1	—18.6	—40.4	—12.4	—14.6	—15.2	—25.2	—41.8
Capital consumption adjustment .....	—2.3	3.6	1.5	1.8	—3.0	—11.9	—14.1	—11.8	—12.6	—15.6
Net interest .....	3.5	6.1	17.0	23.1	29.9	30.8	30.4	33.4	39.7	47.2
<b>CONSTANT (1972) DOLLARS</b>										
<b>GDP, total</b> .....	<b>358.9</b>	<b>494.6</b>	<b>600.6</b>	<b>720.4</b>	<b>695.0</b>	<b>680.0</b>	<b>730.4</b>	<b>770.7</b>	<b>818.7</b>	<b>844.1</b>
Avg. annual percent change <sup>3</sup> .....	3.3	6.6	4.0	6.3	—3.5	—2.2	7.4	5.5	6.2	3.1
Capital consumption allowances .....	36.4	43.4	57.4	65.8	69.4	73.0	75.2	76.9	78.4	80.5
Indirect business taxes <sup>2</sup> .....	41.8	54.3	65.7	78.7	77.9	78.6	82.9	86.7	90.5	92.5
Domestic income .....	280.7	397.0	477.5	575.9	547.7	528.4	572.3	607.1	649.7	671.1

<sup>1</sup> Corporations comprising the finance, insurance, and real estate industry.

<sup>2</sup> Plus transfer payments less subsidies.

<sup>3</sup> Change from prior year shown; for 1960, change from 1959. <sup>4</sup> With inventory valuation and capital consumption adjustment.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-74*, and *Survey of Current Business*, July issues and April 1980 issue.

## NO. 947. ACTIVE CORPORATIONS—ASSETS AND LIABILITIES: 1960 TO 1976

[In billions of dollars. See headnote, table 461. For number of income tax returns, see table 948. See also *Historical Statistics, Colonial Times to 1970*, series V 108-127]

ASSETS AND LIABILITIES	1960	1965	1970	1971	1972	1973	1974	1975	1976
<b>Assets</b> <sup>1</sup> .....	<b>1,207</b>	<b>1,724</b>	<b>2,635</b>	<b>2,889</b>	<b>3,257</b>	<b>3,649</b>	<b>4,016</b>	<b>4,287</b>	<b>4,721</b>
Cash .....	97	117	177	196	228	259	281	290	315
Notes and accounts receivable <sup>2</sup> .....	242	392	595	650	762	891	998	1,021	1,137
Inventories .....	91	126	190	199	224	263	312	318	351
Investments, government obligations .....	135	157	197	223	240	250	256	316	357
Mortgage and real estate loans .....	129	( <sup>3</sup> )	328	366	418	463	508	548	599
Other investments .....	179	465	406	461	514	558	578	636	711
Capital assets <sup>4</sup> .....	293	395	600	634	685	750	831	892	969
<b>Liabilities</b> .....	<b>1,207</b>	<b>1,724</b>	<b>2,635</b>	<b>2,889</b>	<b>3,257</b>	<b>3,649</b>	<b>4,016</b>	<b>4,287</b>	<b>4,721</b>
Notes and accounts payable <sup>5</sup> .....	112	174	320	334	386	461	539	536	579
Other current liabilities .....	385	583	892	1,005	1,163	1,316	1,459	1,577	1,791
Bonded debt and mortgages <sup>6</sup> .....	154	210	363	403	445	493	542	587	638
Other liabilities .....	167	220	308	339	376	421	460	490	506
Capital stock .....	140	161	201	210	221	228	240	252	269
Surplus and undivided profits <sup>7</sup> (net) .....	269	375	551	599	666	730	776	843	938

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

<sup>2</sup> Less allowance for bad debts. Includes loans and discounts of banks,

except mortgage and real estate loans. <sup>3</sup> Included in "Other investments." <sup>4</sup> Less depreciation, amortization, and depletion reserves. Includes land and intangible assets.

<sup>5</sup> Includes bonds, notes, and mortgages payable with maturity of less than 1 year. <sup>6</sup> With maturity of 1 year or more. <sup>7</sup> Beginning 1970, reduced by cost of treasury stock.

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

## NO. 948. CORPORATION INCOME TAX RETURNS—SELECTED ITEMS: 1960 TO 1977

(In billions of dollars, except number of returns. Federal returns and active corporations only. See headnote, table 461.  
See also *Historical Statistics, Colonial Times to 1970*, Series V 129-136)

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977, prel.
Number of returns (1,000).....	1,140	1,424	1,666	1,813	1,905	1,966	2,024	2,082	2,241
Returns with—									
Assets, end of year (1,000).....	1,095	1,380	1,619	1,759	1,844	1,903	1,952	2,017	2,144
Net income (1,000).....	670	915	1,008	1,140	1,203	1,208	1,226	1,274	1,431
Income tax less credits <sup>1</sup> (1,000).....	(NA)	(NA)	735	772	752	803	733	749	781
Total receipts.....	849.1	1,194.6	1,750.8	2,171.2	2,557.7	3,089.7	3,198.6	3,635.5	4,102.9
Business receipts.....	802.8	1,120.4	1,620.9	2,007.3	2,361.4	2,854.8	2,961.7	3,370.4	3,827.5
Interest <sup>2</sup> .....	23.6	37.2	71.6	86.3	113.3	143.0	143.3	156.0	178.7
Capital gain, net <sup>3</sup> .....	3.1	5.3	5.5	9.1	9.1	8.2	8.4	9.7	11.6
Net gain, noncapital assets.....	1.9	2.9	5.3	8.5	7.7	7.0	7.8	8.9	10.6
Dividends received <sup>4</sup> .....	4.2	6.7	8.7	11.1	14.8	21.2	14.3	19.5	22.1
Receipts not specified.....	13.6	22.0	38.8	48.9	51.4	55.5	63.1	71.0	52.4
Total deductions.....	804.6	1,119.9	1,682.8	2,071.7	2,435.0	2,941.5	3,052.7	3,448.9	3,883.4
Cost of sales and operations.....	577.0	793.0	1,146.3	1,412.5	1,682.5	2,068.1	2,129.9	2,416.6	2,704.5
Interest paid.....	14.6	26.4	62.1	72.9	99.6	132.9	129.3	135.1	152.9
Depreciation, depletion <sup>5</sup> .....	26.9	39.2	59.3	71.6	80.6	98.4	92.4	100.3	113.0
Employee benefits, pension, stock bonus, etc.....	7.2	11.4	19.6	27.3	31.9	36.6	42.2	50.6	59.9
Deductions not specified.....	178.8	249.9	395.5	487.5	540.5	605.5	658.9	746.3	853.1
Receipts less deductions.....	44.5	74.7	67.9	99.5	122.6	148.2	148.0	186.6	219.6
Net income less deficit.....	43.5	73.9	65.9	96.8	120.4	146.0	142.6	185.4	218.9
Income tax <sup>6</sup> .....	21.9	31.7	33.3	42.9	52.4	66.1	66.1	83.2	96.4
Income tax less credits <sup>1</sup> .....	20.6	27.3	27.9	33.5	39.1	41.1	39.7	49.8	56.7
Distributions to stockholders <sup>7</sup> .....	17.2	26.0	32.0	36.0	41.8	49.3	45.2	54.6	61.5

NA Not available. <sup>1</sup> Credits includes foreign tax, investment, work incentive (WIN) (beginning 1972); U.S. possessions tax (beginning 1976); and new jobs credits (beginning 1977). <sup>2</sup> Includes interest on Government obligations and other interest. <sup>3</sup> Net long-term capital gain reduced by net short-term capital loss. <sup>4</sup> Includes foreign. <sup>5</sup> Includes amortization. <sup>6</sup> Income tax is before deductions for credit; see footnote 1. Beginning 1965, includes tax from recomputing prior year investment credit; 1970 includes tax surcharge; 1970-1976 includes additional tax for tax preferences; beginning 1973, includes tax from recomputing prior year work incentive (WIN) credit. <sup>7</sup> Other than own stock.

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

## NO. 949. ACTIVE CORPORATIONS, BY ASSET SIZE: 1960 TO 1977

(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 ACTIVE CORPORATIONS (1,000)						TOTAL ASSETS (bil. dol.)					
	1960	1965	1970	1975	1976	1977 prel.	1960	1965	1970	1975	1976	1977, prel.
Total.....	1,140.6	1,424.0	1,665.5	2,023.6	2,082.2	2,241.3	1,207	1,724	2,635	4,287	4,721	5,349
Under \$100,000.....	1684.6	1846.2	1961.0	1,882.3	1,195.5	1,274.3	23	28	32	255	38	41
\$100,000-\$1 mil.....	389.3	490.7	599.1	1,733.6	733.6	794.5	111	143	178	255	229	250
\$1 mil.-\$10 mil.....	56.3	73.5	87.0	116.4	126.3	143.1	159	206	240	310	332	375
\$10 mil.-\$25 mil.....	5.8	7.4	9.8	12.2	13.0	13.9	89	115	153	193	205	221
\$25 mil.-\$50 mil.....	2.1	2.9	3.9	5.6	6.0	6.8	73	99	135	195	210	236
\$50 mil.-\$100 mil.....	1.1	1.5	2.1	3.1	3.4	3.9	80	104	145	213	238	271
\$100 mil.-\$250 mil.....	.8	1.1	1.4	2.1	2.3	2.6	119	165	222	331	364	392
\$250 mil. and over.....	.6	.8	1.2	1.9	2.1	2.2	552	862	1,530	2,790	3,105	3,563
PERCENT DISTRIBUTION												
Total.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Under \$100,000.....	160.0	159.4	157.7	193.0	57.4	56.9	1.9	1.6	1.2	5.9	.8	.8
\$100,000-\$1 mil.....	34.1	34.5	36.0	86.3	35.2	35.4	9.2	8.3	6.8	5.9	4.9	4.7
\$1 mil.-\$10 mil.....	4.9	5.2	5.2	5.8	6.1	6.4	13.2	12.0	9.1	7.2	7.0	7.0
\$10 mil.-\$25 mil.....	.5	.5	.6	.6	.6	.6	7.4	6.7	5.8	4.5	4.3	4.1
\$25 mil.-\$50 mil.....	.2	.2	.2	.3	.3	.3	6.0	5.7	5.1	4.5	4.5	4.4
\$50 mil.-\$100 mil.....	.1	.1	.1	.2	.2	.2	6.6	6.1	5.5	5.0	5.0	5.1
\$100 mil.-\$250 mil.....	.1	.1	.1	.1	.1	.1	9.9	9.6	8.4	7.7	7.7	7.3
\$250 mil. and over.....	.1	.1	.1	.1	.1	.1	45.8	50.0	58.1	65.1	65.8	66.6

<sup>1</sup> Includes returns with zero assets.

Source: U.S. Internal Revenue Service, *Statistics of Income, Corporation Income Tax Returns*, annual, and *Preliminary Report, Statistics of Income, 1977, Corporation Income Tax Returns*.



## NO. 950. ACTIVE CORPORATIONS—INCOME TAX RETURNS, BY ASSET SIZE AND INDUSTRY: 1976

[In billions of dollars, except as indicated. See headnote and footnotes, table 461. 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. <sup>1</sup>	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
<b>All industrial divisions: <sup>2</sup></b>							
Number of returns.....	2,082,200	2,055,467	12,909	6,011	3,421	2,342	2,050
Total assets or liabilities.....	4,720.9	599.2	204.7	210.6	237.6	353.8	3,105.0
Total receipts.....	3,635.5	1,271.0	176.4	136.6	145.6	227.0	1,678.9
Total deductions <sup>3</sup> .....	3,448.9	1,239.5	168.4	129.4	138.7	215.0	1,557.9
Cost of sales and operations.....	2,416.6	895.6	124.3	91.1	97.7	148.4	1,059.4
Interest and taxes paid.....	228.0	46.9	9.6	10.0	11.2	16.7	133.5
Depreciation and amortization.....	94.8	23.3	3.5	2.6	3.0	5.1	57.1
Depletion.....	5.6	5	2	2	2	4	4.3
Net income less deficit <sup>4</sup> .....	185.4	31.3	7.6	6.6	6.6	11.4	121.8
Income tax <sup>5</sup> .....	83.3	12.8	3.5	3.0	2.9	5.3	55.8
<b>Percent distribution:</b>							
Number of returns.....	100.0	98.7	.6	.3	.2	.1	.1
Total assets or liabilities.....	100.0	12.7	4.3	4.5	5.0	7.7	65.8
Total receipts.....	100.0	35.0	4.9	3.8	4.0	6.2	46.2
Total deductions.....	100.0	35.9	4.9	3.8	4.0	6.2	45.2
Cost of sales and operations.....	100.0	37.1	5.1	3.8	4.0	6.1	43.8
Interest and taxes paid.....	100.0	20.6	4.2	4.4	4.9	7.3	58.6
Depreciation and amortization.....	100.0	24.6	3.7	2.7	3.2	5.4	60.4
Depletion.....	100.0	8.9	3.6	3.6	3.6	7.1	76.8
Net income less deficit <sup>4</sup> .....	100.0	16.9	4.1	3.7	3.5	6.1	65.7
Income tax <sup>5</sup> .....	100.0	15.4	4.2	3.6	3.5	6.4	67.0
<b>Agriculture, forestry, and fishing:</b>							
Number of returns.....	60,289	60,171	87	14	9	6	2
Total assets or liabilities.....	23.8	19.3	1.3	.5	.6	1.0	1.2
Total receipts.....	32.4	25.5	1.7	.9	.6	1.3	2.4
<b>Mining:</b>							
Number of returns.....	15,606	15,150	241	78	55	42	40
Total assets or liabilities.....	76.7	9.1	3.8	2.8	4.0	6.5	50.6
Total receipts.....	84.3	11.2	3.3	2.2	2.6	4.3	60.7
<b>Construction:</b>							
Number of returns.....	195,933	195,251	462	130	46	26	18
Total assets or liabilities.....	80.8	52.9	7.0	4.5	3.2	3.9	9.4
Total receipts.....	154.1	117.8	10.0	5.3	3.3	6.0	11.7
<b>Manufacturing:</b>							
Number of returns.....	212,333	207,719	2,328	871	515	418	482
Total assets or liabilities.....	1,034.6	109.9	35.9	30.5	36.1	65.5	756.8
Total receipts.....	1,462.7	256.1	64.1	49.0	54.7	91.8	946.9
<b>Transportation and public utilities:</b>							
Number of returns.....	81,373	80,451	366	147	91	101	217
Total assets or liabilities.....	486.2	23.0	5.7	5.3	6.3	16.3	429.5
Total receipts.....	282.8	43.2	6.8	5.9	6.7	12.0	208.1
<b>Wholesale and retail trade:</b>							
Number of returns.....	635,540	632,866	1,637	508	279	155	95
Total assets or liabilities.....	368.8	191.6	24.7	17.7	19.7	24.8	90.2
Total receipts.....	1,113.9	660.6	69.0	50.5	53.5	75.5	204.9
<b>Finance, insurance, real estate: <sup>6</sup></b>							
Number of returns.....	411,984	395,525	7,292	4,107	2,342	1,554	1,164
Total assets or liabilities.....	2,549.8	135.5	118.8	143.9	162.2	239.7	1,749.6
Total receipts.....	353.8	43.7	14.1	16.3	18.1	29.5	232.0
<b>Services:</b>							
Number of returns.....	466,317	465,517	489	155	84	40	32
Total assets or liabilities.....	99.5	57.2	7.3	6.3	5.6	6.1	17.8
Total receipts.....	150.2	111.7	7.2	6.4	6.1	6.6	12.1

<sup>1</sup> Includes returns of corporations with zero assets. <sup>2</sup> Includes data not shown separately. <sup>3</sup> For deductions detail, see table 948. <sup>4</sup> Excludes wholly tax-exempt interest but includes income from related foreign corporations considered received for tax purposes only. <sup>5</sup> Income tax before deductions for foreign tax, investment, work incentive (WIN), and U.S. possessions tax credits. Includes additional tax for tax preferences, taxes from recomputing prior year investment and work incentive (WIN) credits. <sup>6</sup> Includes lessors of real property.

Source: U.S. Internal Revenue Service, *Statistics of Income, 1976, Corporation Income Tax Returns*, annual.

## NO. 951. NONFINANCIAL CORPORATE BUSINESS-SECTOR BALANCE SHEET: 1960 TO 1979

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

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>Total assets</b> .....	<b>630</b>	<b>825</b>	<b>1,241</b>	<b>1,692</b>	<b>1,911</b>	<b>2,070</b>	<b>2,260</b>	<b>2,480</b>	<b>2,803</b>	<b>3,214</b>
Tangible assets.....	449	567	872	1,166	1,394	1,513	1,650	1,815	2,046	2,344
Reproducible.....	368	469	756	1,023	1,230	1,336	1,455	1,602	1,805	2,072
Land.....	81	98	116	144	164	177	194	213	241	272
<b>Financial assets</b> .....	<b>182</b>	<b>259</b>	<b>370</b>	<b>526</b>	<b>517</b>	<b>558</b>	<b>610</b>	<b>665</b>	<b>757</b>	<b>870</b>
Liquid assets.....	51	63	69	101	105	125	139	141	151	171
Demand deposits and currency.....	28	33	44	46	48	54	55	56	62	69
Time deposits.....	3	9	5	17	20	22	24	29	31	36
Consumer credit.....	11	15	17	22	22	22	24	25	27	30
Trade credit.....	81	119	189	267	244	250	270	301	356	422
Misc. assets.....	38	62	94	137	145	160	178	198	223	247
<b>Total liabilities</b> .....	<b>239</b>	<b>351</b>	<b>563</b>	<b>793</b>	<b>816</b>	<b>852</b>	<b>926</b>	<b>1,027</b>	<b>1,173</b>	<b>1,356</b>
Credit market instruments.....	154	223	376	522	600	629	679	756	846	959
Profit taxes payable.....	14	20	11	16	17	14	22	20	24	27
Trade debt.....	64	98	162	235	174	180	194	216	262	324
Misc. liabilities.....	7	9	13	21	25	28	31	35	41	47

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

## NO. 952. WORKING CAPITAL OF NONFINANCIAL CORPORATIONS: 1971 TO 1979

[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
<b>Current assets</b> .....	<b>529.6</b>	<b>599.3</b>	<b>697.8</b>	<b>734.6</b>	<b>756.3</b>	<b>823.1</b>	<b>900.9</b>	<b>1,028.1</b>	<b>1,199.9</b>
Cash on hand and in banks <sup>1</sup> .....	53.3	59.0	66.3	73.0	80.0	86.8	94.3	103.7	116.2
U.S. Government securities.....	11.0	10.6	12.8	11.3	19.6	26.0	18.7	17.8	17.8
Receivables, total <sup>2</sup> .....	221.1	248.2	288.5	265.5	272.1	292.4	325.0	381.9	451.7
Inventories.....	200.4	225.7	263.9	318.9	314.7	341.4	375.6	428.3	503.9
Other current assets.....	43.8	55.8	66.4	65.9	69.9	76.4	87.3	96.3	110.3
<b>Current liabilities</b> .....	<b>328.0</b>	<b>375.6</b>	<b>450.9</b>	<b>451.8</b>	<b>446.9</b>	<b>487.5</b>	<b>546.8</b>	<b>661.9</b>	<b>803.7</b>
Payables.....	220.5	282.9	340.3	272.3	261.2	273.2	313.7	375.1	460.8
Other current liabilities.....	105.5	92.7	110.7	179.5	185.7	214.2	233.1	286.8	342.8
<b>Net working capital</b> .....	<b>203.6</b>	<b>223.7</b>	<b>246.9</b>	<b>282.8</b>	<b>309.5</b>	<b>335.6</b>	<b>354.1</b>	<b>366.2</b>	<b>396.3</b>

<sup>1</sup> Includes time certificates of deposits. <sup>2</sup> Includes U.S. Government receivables.Source: U.S. Federal Trade Commission. In Board of Governors of the Federal Reserve System, *Federal Reserve Bulletin*.

## NO. 953. LARGEST MANUFACTURING CORPORATIONS—PERCENT SHARE OF ASSETS HELD: 1950 TO 1979

[Prior to 1970, excludes newspapers. Data prior to 1974 not strictly comparable with later years. See footnote 2, table 966]

CORPORATION RANK GROUP	1950	1955	1960	1965	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
100 largest.....	39.7	44.3	46.4	46.5	48.5	48.9	47.6	44.7	44.4	45.0	45.4	45.9	45.5	46.1
200 largest.....	47.7	53.1	56.3	56.7	60.4	61.0	60.0	56.9	56.7	57.5	58.0	58.5	58.3	59.0

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

## NO. 954. LARGEST MANUFACTURING COMPANIES—PERCENT SHARE OF TOTAL VALUE ADDED BY MANUFACTURE: 1947 TO 1976

["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	1954	1958	1962	1963	1966	1967	1970	1972	1976
Largest 50 companies.....	17	23	23	24	25	25	25	24	25	24
Largest 100 companies.....	23	30	30	32	33	33	33	33	33	34
Largest 150 companies.....	27	34	35	36	37	38	38	38	39	40
Largest 200 companies.....	30	37	38	40	41	42	42	43	43	44

Source: U.S. Bureau of the Census, *Annual Survey of Manufactures*, 1976, M76(AS)-9.

## NO. 955. MANUFACTURING CORPORATION ASSETS AND PROFITS, BY ASSET SIZE: 1970 TO 1979

[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. For further detail regarding methodology, see source for fourth quarter, 1979]

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 <sup>1</sup>									
Corporations .....	Number .....	197,807	<sup>2</sup> 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 <sup>3</sup> .....	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 <sup>3</sup> .....	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
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 <sup>3</sup> .....	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. ....	1,241,472	124,856	42,007	34,108	40,336	73,172	168,182	758,812
Percent .....	Percent .....	100.0	10.1	3.4	2.7	3.2	5.9	13.5	61.1
Net profit, total <sup>3</sup> .....	Mil. dol. ....	98,735	10,119	2,720	2,347	2,897	5,356	13,443	61,854
Percent .....	Percent .....	100.0	10.2	2.8	2.4	2.9	5.4	13.6	62.6

NA Not available. <sup>1</sup> Source: U.S. Securities and Exchange Commission. <sup>2</sup> Data derived from U.S. Internal Revenue Service, *Statistics of Income*, annual. <sup>3</sup> After taxes.

Source: Except as noted, U.S. Federal Trade Commission, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations*.

## NO. 956. LARGEST INDUSTRIAL CORPORATIONS AND RETAILING COMPANIES—SALES, BY GROUP RANK: 1960 TO 1979

[Excludes large privately owned companies that do not publish sales. Includes sales of subsidiaries when they are consolidated. **Industrial corporations:** 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 1978 and 1979, no later than January; excludes excise taxes collected by manufacturer. **Retailing companies:** Includes all operating revenues for fiscal years ending not later than January following year stated]

RANK BY SALES GROUP	VOLUME OF SALES (bil. dol.)						PERCENT DISTRIBUTION					
	1960	1965	1970	1975	1978	1979	1960	1965	1970	1975	1978	1979
<b>INDUSTRIAL CORPORATIONS</b>												
<b>First 500 largest .....</b>	<b>204.7</b>	<b>298.1</b>	<b>463.9</b>	<b>865.2</b>	<b>1,218.7</b>	<b>1,445.3</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Lowest hundred .....	8.5	12.5	19.9	34.8	45.3	49.6	4.1	4.2	4.3	4.0	3.7	3.4
Second hundred .....	11.7	17.7	28.8	49.0	66.0	73.2	5.7	5.9	6.2	5.7	5.4	5.1
Third hundred .....	18.5	27.7	43.6	78.5	105.7	122.3	9.0	9.3	9.4	9.1	8.7	8.5
Fourth hundred .....	32.6	47.2	82.7	141.8	199.5	236.4	15.9	15.8	17.8	16.4	16.4	16.4
Highest hundred .....	133.4	193.0	288.9	561.1	802.5	963.7	65.2	64.7	62.3	64.9	65.8	66.7
<b>Second 500 largest .....</b>	<b>15.7</b>	<b>(NA)</b>	<b>48.3</b>	<b>82.6</b>	<b>103.1</b>	<b>109.9</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>	<b>(X)</b>
<b>RETAILING COMPANIES</b>												
<b>50 largest .....</b>	<b>135.7</b>	<b>149.0</b>	<b>73.6</b>	<b>121.7</b>	<b>161.9</b>	<b>175.6</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Lowest ten .....	2.2	3.3	4.4	7.5	9.2	10.2	6.2	6.7	5.9	6.2	5.7	5.8
Second ten .....	2.8	4.4	6.8	10.4	13.3	14.8	7.9	9.2	9.3	8.6	8.2	8.5
Third ten .....	4.1	6.1	9.0	14.1	18.9	20.9	11.5	12.4	12.3	11.6	11.7	11.9
Fourth ten .....	6.4	9.0	13.9	23.4	30.9	34.1	18.0	18.3	18.9	19.2	19.1	19.4
Highest ten .....	20.1	26.2	39.4	66.2	89.5	95.5	56.4	53.5	53.6	54.4	55.3	54.4

NA Not available. X Not applicable. <sup>1</sup> Includes wholesalers.

Source: Time, Inc., New York, N.Y., adapted from *The Fortune Directory*, May, June, and July issues. (Copyright.)

# NO. 957. LARGEST INDUSTRIAL CORPORATIONS AND RETAILING COMPANIES—ASSETS, NET INCOME, AND EMPLOYEES, BY RANK OF SALES: 1965 TO 1979

[Assets and net income in billions of dollars, employees in thousands, except percent. See headnote, table 956]

RANK BY SALES GROUP	ASSETS <sup>1</sup>				NET INCOME <sup>2</sup>				EMPLOYEES <sup>3</sup>			
	1965	1970	1975	1979	1965	1970	1975	1979	1965	1970	1975	1979
<b>INDUSTRIAL CORPORATIONS</b>												
<i>First 500 largest</i> .....	251.7	432.1	668.5	1,034.7	20.1	21.7	37.8	78.4	11,279	14,608	14,413	16,195
Lowest hundred.....	10.1	16.8	19.8	32.9	.7	.8	—	2.5	569	697	471	773
Second hundred.....	13.9	23.2	35.5	53.3	1.0	1.1	1.6	4.0	789	1,044	993	1,155
Third hundred.....	22.5	39.0	59.9	93.4	1.6	1.4	3.2	7.3	1,178	1,500	1,570	1,759
Fourth hundred.....	36.5	74.5	113.7	178.8	2.7	3.8	6.3	13.7	1,809	2,662	2,701	3,366
Highest hundred.....	169.0	278.6	439.5	676.3	14.1	14.5	27.5	50.8	6,934	8,706	8,679	9,141
<i>Second 500 largest</i> .....	(NA)	38.8	60.9	78.8	(NA)	1.5	3.3	6.1	(NA)	1,720	1,861	1,785
<b>Percent of total, first 500:</b>												
Lowest hundred.....	4.0	3.9	3.0	3.2	3.7	3.8	-2.1	3.2	5.0	4.8	3.3	4.8
Second hundred.....	5.5	5.4	5.3	5.2	5.0	4.9	4.2	5.1	7.0	7.1	6.9	7.1
Third hundred.....	8.9	9.0	9.0	9.0	7.8	6.6	8.5	9.3	10.4	10.3	10.9	10.9
Fourth hundred.....	14.4	17.2	17.0	17.2	13.3	17.6	16.7	17.5	16.0	18.2	18.7	20.8
Highest hundred.....	67.1	64.5	65.7	65.4	70.2	67.1	72.8	64.8	61.5	60.0	60.2	56.4
<b>RETAILING COMPANIES</b>												
<i>50 largest</i> .....	19.3	31.6	50.9	76.8	1.2	1.5	2.4	3.9	1,609	2,371	2,653	3,016
Lowest ten.....	1.5	1.5	5.2	2.8	.1	.1	.2	—	120	151	197	125
Second ten.....	1.3	2.5	3.7	5.0	.1	.1	.1	.3	103	211	279	217
Third ten.....	2.3	4.5	4.7	8.8	.1	.1	.2	.5	180	294	277	375
Fourth ten.....	3.5	4.8	8.4	13.8	.2	.2	.4	.8	286	366	426	605
Highest ten.....	10.8	18.2	28.9	46.4	.7	1.0	1.5	2.5	920	1,348	1,474	1,695
<b>Percent of total:</b>												
Lowest ten.....	8.0	4.8	10.2	3.6	6.0	5.1	8.4	-5.8	7.5	6.4	7.4	4.1
Second ten.....	6.5	7.9	7.3	6.5	5.7	5.9	6.0	7.3	6.4	8.9	10.5	7.2
Third ten.....	11.8	14.3	9.2	11.5	9.9	8.4	7.8	12.2	11.2	12.4	10.4	12.4
Fourth ten.....	18.0	15.3	16.5	18.0	17.9	13.5	15.2	21.2	17.7	15.4	16.1	20.1
Highest ten.....	55.7	57.7	56.8	60.4	60.5	67.1	62.6	65.1	57.2	56.9	55.8	56.2

NA Not available. <sup>1</sup> Total assets employed in business at end of fiscal year, less depreciation and depletion.

<sup>2</sup> After taxes, special charges, and credits. Minus sign (-) indicates net loss. <sup>3</sup> As of year end, or yearly average.

## NO. 958. 500 LARGEST INDUSTRIAL CORPORATIONS—SELECTED FINANCIAL ITEMS, BY INDUSTRY: 1970 AND 1979

[Figures are medians based on sales rank in 1970 and 1979. See headnote, table 956. For definition of median, see Guide to Tabular Presentation]

INDUSTRY	ASSETS PER EMPLOYEE (\$1,000)		SALES PER EMPLOYEE (\$1,000)		SALES PER DOLLAR OF STOCKHOLDERS' EQUITY (dol.)		RETURN ON STOCKHOLDERS' EQUITY (percent)		RETURN ON SALES (percent)	
	1970	1979	1970	1979	1970	1979	1970	1979	1970	1979
<b>Total</b> .....	24.1	49.5	29.5	71.6	2.36	2.97	9.5	15.9	3.9	5.2
<i>Petroleum refining</i> .....	106.4	266.4	92.6	358.1	1.40	3.43	10.3	19.1	6.9	6.6
Mining, crude oil production.....	70.9	181.6	46.2	129.3	1.21	1.90	13.8	16.7	12.6	8.7
Broadcasting and motion picture <sup>1</sup> .....	(NA)	104.0	(NA)	99.6	(NA)	2.91	(NA)	22.2	(NA)	8.3
Tobacco.....	63.7	80.8	35.9	89.7	1.66	2.38	12.4	18.4	7.5	7.7
<i>Chemicals</i> .....	37.5	69.0	32.7	84.2	1.73	2.48	8.7	15.2	5.2	6.0
Paper, fiber, and wood products.....	32.5	67.0	32.7	82.5	1.79	2.46	6.8	15.9	3.9	6.3
Metal manufacturing.....	35.6	64.3	32.8	89.6	1.58	2.94	5.7	15.6	3.2	4.5
Beverages.....	( <sup>2</sup> )	62.4	( <sup>2</sup> )	92.1	( <sup>2</sup> )	3.03	( <sup>2</sup> )	15.7	( <sup>2</sup> )	5.1
Pharmaceuticals.....	26.4	61.7	29.2	66.0	1.77	2.01	15.5	18.0	9.3	8.9
Publishing, printing.....	25.3	51.8	28.8	66.5	1.19	2.27	11.4	17.9	5.3	8.2
Soaps, cosmetics.....	25.6	46.9	38.5	76.6	2.77	2.83	15.7	17.4	7.1	6.4
Glass, concrete, abrasives, gypsum.....	24.2	45.9	25.6	64.7	1.80	2.74	7.6	14.0	4.2	4.9
Industrial and farm equipment.....	22.1	45.1	27.7	59.7	2.27	2.86	9.5	15.4	4.4	5.4
Food.....	<sup>2</sup> 25.0	44.5	<sup>2</sup> 52.6	100.2	<sup>3</sup> 3.91	4.89	<sup>2</sup> 12.2	14.4	<sup>2</sup> 7.7	3.0
Metal products.....	19.9	43.5	26.0	58.8	2.72	3.19	10.1	16.0	3.9	5.0
Office equipment (incl. computer).....	18.4	43.1	18.7	45.7	1.96	2.30	7.9	15.9	3.3	7.0
Rubber, plastic products.....	21.6	38.9	24.7	60.1	2.38	3.60	8.4	8.2	2.1	2.8
Motor vehicles.....	20.7	37.8	27.6	66.1	2.82	3.80	6.0	15.7	2.3	4.1
Transport equipment <sup>1</sup> .....	23.0	37.5	31.9	74.0	1.69	4.58	9.8	18.1	4.2	4.2
Electronics, appliances.....	17.9	34.7	24.2	48.0	2.54	3.29	10.2	16.3	3.9	5.2
Musical instruments, toys, sporting goods.....	(NA)	33.8	(NA)	47.1	(NA)	3.15	(NA)	12.1	(NA)	3.9
Measuring, scientific, photo. equipment.....	19.1	33.7	25.2	45.4	1.93	2.31	13.1	16.1	7.9	6.9
Aerospace.....	17.8	32.1	27.5	55.5	3.61	4.11	8.5	19.2	2.3	4.8
Textiles, vinyl flooring.....	16.3	25.3	20.5	40.5	2.46	3.16	7.0	11.7	2.8	3.8
Apparel.....	11.5	20.0	18.3	32.9	3.29	3.03	10.9	15.6	3.1	4.4

NA Not available. <sup>1</sup> Includes distribution. <sup>2</sup> Beverages included with food. <sup>3</sup> Excludes motor vehicles and aircraft.

Source of tables 957 and 958: Time, Inc., New York, N.Y., *The Fortune Directory*, May and July issues. (Copyright.)

## No. 959. SALES BY MAJORITY-OWNED FOREIGN AFFILIATES OF U.S. COMPANIES: 1966 TO 1976

[In billions of dollars, except percent. Universe estimates based on a sample survey covering foreign affiliates with U.S. ownership of at least 50 percent, directly or indirectly held]

INDUSTRY AND AREA OR COUNTRY	1966	1968	1970	1972	1974	1975	1976		
							Total sales	Percent—	
								Local sales <sup>1</sup>	Exports to U.S.
<b>Total<sup>2</sup></b> .....	<b>97.8</b>	<b>120.8</b>	<b>155.9</b>	<b>211.9</b>	<b>437.7</b>	<b>463.1</b>	<b>514.7</b>	<b>65</b>	<b>7</b>
Petroleum.....	27.5	34.0	42.4	58.8	184.9	183.5	205.5	53	8
Manufacturing <sup>3</sup> .....	47.4	59.6	78.3	107.6	175.7	192.3	212.8	76	7
Food products.....	5.6	6.2	7.5	10.4	17.0	18.3	20.4	90	2
Chemicals and allied products.....	7.4	9.8	12.6	17.8	36.2	37.6	43.1	78	1
Primary and fabricated metals.....	3.9	5.3	7.6	7.6	12.5	12.6	14.4	82	4
Machinery (except electrical).....	6.5	8.6	12.3	17.0	27.4	32.2	34.2	66	5
Electrical machinery.....	4.4	5.1	7.7	10.8	17.4	18.8	18.4	80	5
Transportation equipment.....	11.2	14.2	16.8	24.4	32.7	38.1	44.8	68	16
Trade.....	14.1	16.2	21.6	30.1	46.1	52.2	58.0	60	6
Developed countries.....	71.6	88.0	116.2	158.2	272.2	302.8	337.3	75	6
Canada.....	23.9	29.8	35.1	45.0	71.4	78.5	89.0	77	17
Europe.....	40.5	49.1	68.4	95.9	165.8	186.5	206.7	71	2
Communities (9 countries).....	34.3	41.2	57.6	80.7	138.5	155.8	171.5	74	2
France.....	5.3	6.5	8.3	13.1	22.1	26.1	26.7	82	1
Germany.....	7.7	8.8	14.6	20.5	34.6	38.1	44.3	81	1
United Kingdom.....	13.4	15.1	18.5	24.5	40.3	45.9	48.6	74	2
Other <sup>4</sup> .....	8.0	10.7	16.2	22.5	41.6	45.7	51.9	63	2
Other Europe.....	6.1	7.9	10.9	15.2	27.2	30.7	35.2	60	2
Japan.....	2.1	2.9	4.2	6.7	16.8	17.8	20.1	94	1
Australia, N. Zealand, So. Africa.....	5.1	6.2	8.5	10.6	18.2	20.1	21.5	88	1
Developing countries.....	23.5	29.2	35.1	47.9	148.3	146.6	163.9	43	10
Latin America.....	14.3	17.4	20.1	23.7	51.6	57.3	60.6	70	11
Africa (excl. So. Africa).....	1.9	2.8	3.6	4.5	10.1	10.2	13.2	53	16
Middle East.....	4.0	4.7	5.8	11.1	64.1	57.4	66.5	13	7
Other Asia and Pacific.....	3.3	4.3	5.7	8.6	22.5	21.7	23.6	56	13
International and unallocated.....	2.7	3.6	4.6	5.8	17.2	13.7	13.5	70	8

<sup>1</sup> Local sales represents sales to customers in the country where the affiliate is located. <sup>2</sup> Includes industries not shown separately. <sup>3</sup> Includes Belgium, Denmark, Ireland, Italy, Luxembourg, and the Netherlands.

Source: U.S. Bureau of Economic Analysis, *Survey of Current Business*, March 1978.

## No. 960. FOREIGN-OWNED U.S. FIRMS, BY PERCENT OF FOREIGN OWNERSHIP, BY INDUSTRY, AND BY COUNTRY: 1976

[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. Country refers to location of the home office of the owning entity]

ITEM	Firms <sup>1</sup>	Estab-lish-ments <sup>1</sup>	Em-ploy-ment <sup>2</sup> (1,000)	Annual payroll (mil. dol.)	DOMICILE COUNTRY	Firms <sup>1</sup>	Estab-lish-ments <sup>1</sup>	Em-ploy-ment <sup>2</sup> (1,000)	Annual payroll (mil. dol.)
Foreign ownership:					All countries.....	657	15,122	4 823.1	4 10,301
Total <sup>3</sup> .....	657	15,122	823.1	10,301	Australia.....	6	143	3.9	40
Less than 50 percent.....	102	5,155	201.3	2,430	Bahamas.....	6	187	12.1	88
50-99 percent.....	121	3,292	202.1	2,551	Belgium <sup>4</sup> .....	18	408	16.3	203
100 percent.....	418	6,368	402.9	5,125	Bermuda.....	8	269	19.7	248
Industry:					Canada.....	126	2,873	130.4	1,639
Agriculture.....	21	82	3.5	33	France.....	39	816	47.7	659
Mining.....	39	305	27.0	455	Germany, Fed.....	47	1,495	97.1	1,168
Construction.....	18	54	5.3	78	Rep. of.....	115	2,852	205.9	2,375
Manufacturing.....	351	2,468	430.6	5,736	Great Britain.....	7	100	7.7	84
Transportation, com-munication, pub. utilities.....	103	836	24.8	390	Hong Kong.....	85	862	47.0	627
Wholesale trade.....	348	4,573	104.6	1,600	Japan.....	30	3,303	105.1	1,469
Retail trade.....	77	4,805	137.2	1,010	Neth. Antilles.....	8	165	5.6	79
Finance, insurance, real estate.....	101	1,317	54.3	689	Panama.....	6	128	6.1	87
Services.....	114	682	35.8	310	Sweden.....	29	274	14.5	212
					Switzerland.....	67	966	86.7	1,088
					Other.....	60	480	16.4	225

<sup>1</sup> For definition, see text, p. 553. <sup>2</sup> For week including March 12. <sup>3</sup> Includes items not shown separately. <sup>4</sup> Total includes data withheld to avoid disclosure not included in breakdown. <sup>5</sup> Includes Luxembourg.

Source: U.S. Bureau of the Census, *Selected Characteristics of Foreign-Owned U.S. Firms: 1975-1976*.

# NO. 961. CAPITAL EXPENDITURES BY MAJORITY-OWNED FOREIGN AFFILIATES OF U.S. MULTINATIONAL COMPANIES: 1970 TO 1979

[Represents expenditures to acquire, add to, or improve property, plant, equipment. See headnote, table 959]

INDUSTRY AND AREA OR COUNTRY	EXPENDITURES (bil. dol.)							PERCENT OF TOTAL			
	1970	1974	1975	1976	1977	1978	1979 <sup>1</sup>	1970	1975	1978	1979 <sup>1</sup>
<b>Total</b> .....	<b>14.1</b>	<b>25.3</b>	<b>26.8</b>	<b>24.7</b>	<b>27.5</b>	<b>30.7</b>	<b>38.5</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Mining and smelting.....	1.2	1.1	1.2	.9	.6	.6	.7	8.5	4.5	1.9	1.9
Petroleum.....	4.0	7.8	8.9	7.9	9.3	10.0	12.0	28.4	33.2	32.7	31.1
Manufacturing.....	6.5	11.6	11.3	10.9	12.7	14.6	19.2	46.1	42.2	47.6	49.8
Food products.....	.4	.7	.7	.7	.9	1.0	1.3	2.8	2.6	3.4	3.3
Paper and allied products.....	.4	.9	.7	.6	.7	.8	1.0	2.8	2.6	2.7	2.6
Chemicals and allied products.....	1.2	2.1	2.5	2.7	2.4	2.5	3.2	8.5	9.3	8.0	8.4
Rubber products.....	.2	.4	.4	.3	.3	.3	.3	1.4	1.5	1.0	.7
Primary and fabricated metals.....	.7	.7	.7	.7	.7	.7	.8	5.0	2.6	2.3	2.1
Machinery (except electrical).....	1.6	3.1	2.8	2.7	3.6	4.4	5.5	11.3	10.4	14.3	14.2
Electrical machinery.....	.6	1.1	.9	.8	1.0	1.1	1.3	4.3	3.4	3.4	3.3
Transportation equipment.....	1.0	1.6	1.4	1.4	1.8	2.2	3.8	7.1	5.2	7.3	9.8
Other.....	.5	1.1	1.3	1.1	1.3	1.6	2.1	3.5	4.9	5.2	5.4
Trade.....	1.0	2.1	2.4	1.6	1.8	2.0	2.4	7.1	9.0	6.5	6.3
Other industries.....	1.4	2.6	3.1	3.3	3.1	3.5	4.2	9.9	11.6	11.3	10.8
<b>By area of affiliate:</b>											
Developed countries.....	10.1	17.8	18.8	17.8	20.4	23.3	28.9	71.6	70.1	75.9	75.1
Canada.....	3.0	5.5	5.0	5.6	6.2	6.2	8.1	21.3	18.7	20.4	21.0
Europe.....	5.7	10.2	11.7	10.5	12.4	14.5	18.1	40.4	43.7	47.4	47.1
European Communities (9 countries).....	5.1	8.8	9.9	8.8	10.7	12.6	15.6	36.2	36.9	40.9	40.4
France.....	.8	1.5	1.9	1.2	1.5	1.6	1.8	5.7	7.1	5.2	4.8
Germany.....	1.2	2.3	2.1	1.9	2.0	2.7	3.6	8.5	7.8	8.8	9.4
United Kingdom.....	1.5	2.7	3.6	3.6	4.7	5.7	6.6	10.6	13.4	18.5	17.1
Other <sup>2</sup> .....	1.5	2.4	2.3	2.2	2.5	2.6	3.5	10.6	8.6	8.4	9.2
Other Europe.....	.6	1.4	1.8	1.6	1.7	2.0	2.6	4.3	6.7	6.4	6.7
Japan.....	.5	.8	.8	.6	.8	1.1	1.3	3.5	3.0	3.7	3.4
Australia, New Zealand, South Africa.....	.9	1.2	1.2	1.0	1.1	1.4	1.4	6.4	4.5	4.5	3.5
Developing countries.....	3.3	5.4	6.4	5.1	5.6	6.3	8.1	23.4	23.0	20.5	21.0
Latin America.....	2.0	2.9	3.1	2.6	2.6	3.1	4.1	14.2	11.6	10.2	10.7
Africa (excl. So. Africa).....	.5	.6	.7	.6	.7	.9	1.1	3.5	2.6	2.9	2.8
Middle East.....	.2	.8	1.3	1.1	1.4	1.1	1.1	1.4	4.9	3.6	3.0
Other Asia and Pacific.....	.6	1.1	1.3	.8	.8	1.2	1.7	4.3	4.9	3.9	4.5
International and unallocated.....	.7	2.0	1.7	1.8	1.5	1.1	1.5	5.0	6.3	3.7	4.0

<sup>1</sup> Projection based on survey of Dec. 1979.

<sup>2</sup> See footnote 3, table 959.

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

## NO. 962. PATENTS AND TRADEMARKS: 1956 TO 1979

[Covers patents issued to citizens of the United States and residents of foreign countries. For information on copyrights, see table 1010. See also *Historical Statistics, Colonial Times to 1970*, series W 96-108]

ITEM	1956-1960	1961-1965	1966-1970	1971-1975	1976-1979	1975	1976	1977	1978	1979
<b>Patent applications filed</b> .....	<b>410,389</b>	<b>463,193</b>	<b>504,613</b>	<b>541,415</b>	<b>437,144</b>	<b>107,950</b>	<b>109,989</b>	<b>108,992</b>	<b>109,308</b>	<b>108,855</b>
Inventions.....	384,782	436,082	476,239	510,409	404,685	101,014	102,344	100,931	100,916	100,484
Designs.....	23,865	25,251	26,260	28,575	29,376	6,292	7,061	7,258	7,538	7,519
Botanical plants.....	584	628	584	688	753	150	175	188	194	196
Reissues.....	1,158	1,232	1,530	1,743	2,330	494	409	615	660	646
<b>Patents issued</b> .....	<b>251,872</b>	<b>275,443</b>	<b>342,889</b>	<b>396,668</b>	<b>268,106</b>	<b>76,804</b>	<b>75,400</b>	<b>69,781</b>	<b>70,514</b>	<b>52,411</b>
Inventions.....	237,469	259,971	325,144	375,532	250,460	71,994	70,236	65,269	66,102	48,653
Individuals.....	76,589	69,945	73,379	87,032	51,693	17,192	14,084	14,027	14,259	9,323
Corporations:										
U.S.....	133,948	152,537	190,616	192,911	121,060	34,577	34,391	31,531	31,309	23,829
Foreign <sup>1</sup> .....	21,043	30,992	52,771	86,005	72,235	18,344	19,934	18,220	19,286	14,795
U.S. Government.....	5,889	6,497	8,378	9,584	5,472	1,881	1,827	1,491	1,248	906
Designs.....	13,024	13,862	16,254	18,675	15,473	4,282	4,564	3,929	3,862	3,118
Botanical plants.....	567	576	426	813	666	150	176	173	186	131
Reissues.....	812	1,034	1,065	1,648	1,507	378	424	410	364	309
Published applications <sup>2</sup> .....	-	-	586	807	404	121	133	105	85	81
Foreign country residents <sup>3</sup> .....	36,513	48,322	75,986	119,282	93,331	25,391	26,074	23,866	25,123	18,248
<b>Certificates of trade-marks issued</b> .....	<b>108,246</b>	<b>106,635</b>	<b>128,465</b>	<b>158,305</b>	<b>125,974</b>	<b>37,063</b>	<b>33,080</b>	<b>31,918</b>	<b>35,084</b>	<b>25,892</b>
Trademarks.....	90,727	91,946	104,181	129,413	102,299	30,931	26,326	25,858	29,630	20,485
Trademark renewals.....	17,519	14,689	24,284	28,892	23,675	6,132	6,754	6,060	5,454	5,407

- Represents zero. <sup>1</sup> Includes patents to foreign governments. <sup>2</sup> Abstracts of technical disclosure of patent published at request of applicant or owner. The current practice, called "Defensive Publications," began in Nov. 1968. <sup>3</sup> 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. 963. CORPORATE PROFITS, TAXES, AND DIVIDENDS: 1960 TO 1979

[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 and branch profits from abroad are added]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Profits before taxes .....	48.5	75.2	71.5	96.2	115.8	126.9	120.4	156.0	177.1	206.0	236.6
Less: Income tax liability <sup>1</sup> .....	22.7	30.9	34.5	41.5	48.7	52.4	49.8	63.8	72.6	84.5	92.5
Equals: Profits after taxes .....	25.8	44.3	37.0	54.6	67.1	74.5	70.6	92.2	104.5	121.5	144.1
Less: Net dividends <sup>2</sup> .....	12.9	19.1	22.9	24.6	27.8	31.0	31.9	37.5	42.1	47.2	52.7
Equals: Undistributed profits .....	13.0	25.2	14.1	30.0	39.3	43.6	38.7	54.7	62.4	74.3	91.4
Capital consumption allowances <sup>3</sup> .....	25.3	37.4	56.6	67.9	73.7	81.6	89.2	97.1	109.3	119.8	131.0
Profits after tax plus capital consumption allowances .....	51.1	81.7	93.6	122.5	140.8	156.1	159.8	189.3	213.8	241.3	275.1

<sup>1</sup> Federal and State.

<sup>2</sup> Disbursements to U.S. residents, measured after eliminations of intercorporate dividends.

<sup>3</sup> Without capital consumption adjustment. Includes depreciation and accidental damages.

## NO. 964. CORPORATE PROFITS BEFORE TAXES: 1960 TO 1979

[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
<b>Total</b> .....	<b>48.9</b>	<b>73.3</b>	<b>66.4</b>	<b>89.6</b>	<b>97.2</b>	<b>86.5</b>	<b>107.9</b>	<b>141.3</b>	<b>162.0</b>	<b>180.8</b>	<b>194.9</b>
Domestic industries .....	47.0	70.1	62.6	84.7	90.4	76.9	101.8	133.1	152.1	170.6	181.6
Financial .....	7.2	7.5	12.6	15.4	16.2	14.4	13.0	17.8	23.8	29.7	33.2
Nonfinancial .....	39.8	62.5	50.1	69.3	74.1	62.5	88.9	115.3	128.3	140.9	148.5
Manufacturing .....	23.9	38.3	27.1	40.6	44.1	36.6	48.3	65.7	73.5	81.7	88.8
Wholesale and retail trade .....	4.9	7.9	9.4	13.3	14.7	12.9	20.7	23.3	24.1	23.0	23.7
Other .....	10.9	16.3	13.5	15.4	15.3	13.0	19.9	26.2	30.7	36.3	36.0
Rest of the world .....	1.9	3.3	3.8	4.8	6.8	9.6	6.1	8.2	9.8	10.2	13.2

Source of tables 963 and 964: U.S. Council of Economic Advisers, *Economic Report of the President*, annual. Data from U.S. Bureau of Economic Analysis.

## NO. 965. CORPORATE PROFITS, BY INDUSTRY: 1960 TO 1979

[In billions of dollars. Profits are without inventory valuation and capital consumption adjustments. Minus sign (-) denotes loss. See headnote, table 963]

YEAR	All industries	Manufacturing	Wholesale, retail trade	Finance, insurance, real estate <sup>1</sup>	Communication <sup>2</sup>	Construction <sup>1</sup>	Services	Transportation	Mining	Agriculture <sup>3</sup>	Rest of the world
<b>BEFORE TAXES</b>											
1960 .....	48.5	23.7	4.9	8.3	6.5	.6	.8	.9	.8	.1	1.9
1965 .....	75.2	39.4	8.6	8.9	8.9	1.5	1.5	2.2	.9	.2	3.3
1970 .....	71.5	29.7	11.3	13.7	8.5	1.9	1.6	.1	.9	.1	3.8
1973 .....	115.8	54.2	21.4	16.7	7.8	2.1	3.1	1.2	1.5	.8	6.8
1974 .....	126.9	58.9	25.3	14.9	6.7	2.3	2.9	2.0	3.8	.4	9.6
1975 .....	120.4	54.4	25.4	13.5	9.0	2.7	4.0	.8	3.8	.7	6.1
1976 .....	156.0	72.5	28.3	19.4	12.6	3.0	5.3	2.7	3.5	.5	8.2
1977 .....	177.1	79.9	29.5	26.2	15.2	3.3	6.3	3.3	3.3	.4	9.8
1978 .....	206.0	92.9	33.8	33.0	16.8	3.1	7.8	4.5	3.5	.4	10.2
1979 .....	236.6	107.1	39.0	36.5	18.0	3.1	8.7	5.4	5.0	.6	13.2
<b>AFTER TAXES</b>											
1960 .....	25.8	12.4	2.5	4.2	3.2	.2	.4	.3	.7	(z)	1.9
1965 .....	44.3	22.5	5.3	4.5	4.9	1.0	.8	1.3	.6	.1	3.3
1970 .....	37.0	14.8	6.5	5.7	4.4	1.1	.8	-.3	.6	(z)	3.8
1973 .....	67.1	30.2	13.9	6.6	4.6	1.1	1.9	.4	1.1	.5	6.8
1974 .....	74.5	33.6	16.8	4.4	3.8	1.3	1.6	.9	2.6	(z)	9.6
1975 .....	70.6	29.9	17.2	3.5	6.6	1.6	2.6	(z)	2.6	.4	6.1
1976 .....	92.2	39.4	18.9	6.9	9.1	1.7	3.6	1.6	2.4	.3	8.2
1977 .....	104.5	42.5	19.3	11.6	10.9	1.8	4.2	2.1	2.1	.1	9.8
1978 .....	121.5	50.0	21.9	15.1	11.9	1.7	5.3	2.9	2.3	.1	10.2

Z Less than \$50 million. <sup>1</sup> Company basis, based on the 1972 Standard Industrial Classification (SIC); see text, p. 392. <sup>2</sup> Includes public utilities. <sup>3</sup> Includes forestry and fisheries.

Source: U.S. Bureau of Economic Analysis, *The National Income and Product Accounts of the United States, 1929-74*, and *Survey of Current Business*, July issues and April 1980.

# NO. 966. MANUFACTURING CORPORATIONS—SALES, PROFITS, STOCKHOLDERS' EQUITY AND DEBT: 1960 TO 1979

[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 <sup>1</sup>	Debt <sup>1</sup>	Sales (net)	Profits		Stockholders' equity <sup>1</sup>	Debt <sup>1</sup>	Sales (net)	Profits		Stockholders' equity <sup>1</sup>	Debt <sup>1</sup>
		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	383	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	35.5	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 .....	1,741	154.3	98.7	600	251.5	869	72.6	45.3	293	123.1	873	81.7	53.4	307	128.4

<sup>1</sup> Annual data are average equity or debt for the year (using four end-of-quarter figures).

# NO. 967. MANUFACTURING CORPORATIONS—PROFITS, STOCKHOLDERS' EQUITY, SALES, AND DEBT RATIOS: 1970 TO 1979

[Averages of quarterly figures at annual rates. Based on sample; see source for discussion of methodology. See headnote, table 966]

INDUSTRY GROUP	RATIOS OF PROFITS TO STOCKHOLDERS' EQUITY (percent)				PROFITS PER DOLLAR OF SALES (cents)				RATIO OF STOCKHOLDERS' EQUITY TO DEBT			
	1970	1975	1978	1979	1970	1975	1978	1979	1970	1975	1978	1979
All manufacturing corporations <sup>1</sup> .....	9.3	11.6	15.0	16.5	4.0	4.6	5.4	5.7	2.3	2.3	2.4	2.4
Durable goods industries .....	8.3	10.3	15.9	15.5	3.5	4.1	5.5	5.2	2.2	2.2	2.5	2.4
Stone, clay, and glass products .....	6.9	8.3	16.6	15.1	3.6	3.4	6.1	5.5	2.4	2.1	2.2	2.0
Primary metal industries .....	7.0	8.6	9.3	12.2	4.1	4.4	3.4	4.0	2.0	2.2	1.7	1.7
Iron and steel .....	4.3	10.9	8.9	8.8	2.5	5.0	3.0	2.7	2.2	2.4	1.7	1.7
Nonferrous metals .....	10.6	5.0	10.0	17.6	6.2	3.1	4.3	6.5	1.8	1.8	1.5	1.6
Fabricated metal prod .....	8.5	13.2	16.0	16.5	3.0	4.2	4.7	4.7	2.1	2.0	2.3	2.1
Machinery, exc. electrical .....	9.8	13.7	17.6	16.8	4.6	6.4	7.7	7.0	2.2	2.4	2.7	2.5
Electrical and electronic equipment .....	9.1	9.0	16.7	17.5	3.3	3.2	5.7	5.6	1.9	2.2	2.9	2.6
Transportation equip .....	6.3	7.5	16.5	13.1	2.3	2.4	4.7	3.8	2.8	2.4	3.8	3.6
Motor vehicles and equip .....	6.1	6.2	16.9	10.9	2.6	2.2	4.9	3.2	4.7	3.6	5.6	5.1
Aircraft, guided missiles and parts .....	6.8	11.0	15.6	18.8	2.0	2.9	4.3	5.1	1.3	1.6	2.9	3.1
Instruments and related products .....	14.3	13.5	17.9	16.8	7.3	7.6	9.3	8.7	3.2	3.3	3.9	3.9
Nondurable goods industries .....	10.3	12.8	14.2	17.4	4.5	5.1	5.4	6.1	2.4	2.4	2.4	2.4
Food and kindred products .....	10.8	14.4	13.8	14.7	2.5	3.2	3.2	3.3	1.9	1.7	1.9	1.8
Tobacco manufactures .....	15.7	15.9	18.1	19.2	5.8	9.2	10.1	11.5	1.4	1.5	1.7	1.7
Textile mill products .....	5.1	4.2	11.5	11.9	1.9	1.2	3.1	3.2	2.1	1.9	2.1	2.2
Paper and allied products .....	7.0	12.6	12.9	16.8	3.4	5.6	5.3	6.7	1.8	1.8	1.9	1.9
Printing and publishing .....	11.2	12.8	18.4	18.0	4.2	4.6	6.1	6.1	2.7	2.7	2.4	2.3
Chemicals and allied products .....	11.4	15.2	15.6	16.9	5.9	7.6	7.3	7.6	2.5	2.3	2.2	2.2
Industrial .....	8.5	13.2	14.5	15.3	5.0	6.9	6.8	6.7	2.1	2.0	1.9	1.9
Drugs .....	17.6	17.8	19.1	19.5	9.4	12.2	12.8	13.3	4.3	3.4	3.3	3.3
Petroleum and coal products .....	11.0	12.5	13.3	20.5	9.3	7.6	7.1	9.0	3.6	4.4	3.5	3.7
Rubber and misc. plastics products .....	7.1	8.0	10.1	10.6	2.7	3.0	3.2	3.1	1.5	1.8	1.8	1.8

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

Source of tables 966 and 967: 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. 968. MERGERS AND ACQUISITIONS—MANUFACTURING AND MINING CONCERNS ACQUIRED:  
1925 TO 1978**

[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 <sup>1</sup>					
				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
1975-1978.....	2,195	1978.....	607	110	34	76	10,706	4,656	6,050

<sup>1</sup> Concerns for which financial data are publicly available.

**NO. 969. MERGERS AND ACQUISITIONS—MANUFACTURING AND MINING CONCERNS ACQUIRED, BY  
INDUSTRY GROUP OF ACQUIRING CONCERN: 1960 TO 1978**

[See headnote, table 968]

INDUSTRY OF ACQUIRING CONCERN	1960-1964, total	1965-1969, total	1970-1974, total	1975-1978, total	1972	1973	1974	1975	1976	1977	1978
<b>Total concerns acquired.....</b>	<b>4,366</b>	<b>8,213</b>	<b>4,749</b>	<b>2,195</b>	<b>911</b>	<b>874</b>	<b>602</b>	<b>439</b>	<b>559</b>	<b>590</b>	<b>607</b>
Mining.....	209	303	258	104	29	34	36	27	28	26	23
Manufacturing <sup>1</sup> .....	3,694	6,642	3,428	1,481	627	578	418	288	375	393	425
Food and kindred products.....	326	538	384	165	73	77	40	27	42	43	53
Tobacco manufactures.....	24	37	18	15	1	3	2	4	1	5	5
Textiles and apparel.....	280	439	160	43	31	30	15	3	13	11	16
Lumber and furniture.....	109	250	175	41	36	31	27	7	14	12	8
Paper and allied products.....	133	175	120	44	22	21	30	8	10	18	8
Printing and publishing.....	158	224	158	104	26	28	18	21	29	24	30
Chemicals.....	443	615	334	173	55	65	47	44	39	46	44
Petroleum.....	78	73	34	14	6	6	7	3	7	2	2
Rubber and plastics products.....	74	139	71	38	9	12	7	2	10	16	10
Leather products.....	32	75	41	8	10	5	-	3	3	1	1
Stone, clay, and glass products.....	103	212	136	53	18	19	25	15	13	11	14
Primary metals.....	173	366	180	86	25	24	23	22	22	23	19
Fabricated metal products.....	225	471	214	128	44	45	25	24	43	29	32
Machinery, except electrical.....	397	817	413	201	69	59	45	48	44	51	58
Electrical machinery.....	573	1,160	478	183	109	67	45	35	47	47	54
Transportation equipment.....	272	483	218	74	33	39	31	10	12	20	32
Professional scientific instruments.....	189	407	172	75	42	21	18	9	20	22	24
Nonmanufacturing.....	463	1,268	1,063	610	255	262	148	124	156	171	159

- Represents zero. <sup>1</sup> Includes miscellaneous and ordnance, not shown separately.

**NO. 970. MERGERS AND ACQUISITIONS—COMPANIES ACQUIRED, BY ASSET SIZE OF ACQUIRING  
AND ACQUIRED COMPANIES AND BY INDUSTRY: 1977 AND 1978**

[Excludes pending mergers and acquisitions]

ASSET SIZE	ACQUIRING COMPANY		ACQUIRED COMPANY		INDUSTRY	ACQUIRING COMPANY		ACQUIRED COMPANY	
	1977	1978	1977	1978		1977	1978	1977	1978
<b>Total.....</b>	<b>1,182</b>	<b>1,245</b>	<b>1,182</b>	<b>1,245</b>	<b>Total.....</b>	<b>1,182</b>	<b>1,245</b>	<b>1,182</b>	<b>1,245</b>
Under \$1 mil. <sup>1</sup> .....	152	195	840	867	Manufacturing.....	572	630	439	484
\$1 mil. to \$9.9 mil.....	75	43	146	116	Mining.....	47	45	44	35
\$10.0 mil. to \$49.9 mil.....	218	206	121	157	Wholesale, retail trade.....	109	108	127	152
\$50.0 mil. to \$99.9 mil.....	156	144	37	46	Service and other <sup>2</sup> .....	321	314	143	159
\$100.0 mil. and over.....	581	657	38	59	Unknown.....	133	148	429	415

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

Source of tables 968-970: U.S. Federal Trade Commission, *Statistical Report on Mergers and Acquisitions*, annual.

## No. 971. NEW BUSINESS CONCERNS AND BUSINESS FAILURES: 1960 TO 1979

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

FORMATIONS AND FAILURES	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
Business formations:											
Index, net formations <sup>1</sup> (1967 = 100).....	94.5	99.5	107.1	115.5	115.5	111.2	108.8	117.2	126.5	132.9	131.2
New incorporations (1,000).....	183	204	264	317	329	319	326	376	436	478	525
Failures, number <sup>2</sup> (1,000).....	15.4	13.5	10.7	9.6	9.3	9.9	11.4	9.6	7.9	6.6	7.6
Rate per 10,000 concerns.....	57	53	44	38	36	38	43	35	28	24	28

<sup>1</sup> Source: U.S. Bureau of Economic Analysis.<sup>2</sup> See footnote 2, table 972.Source: Except as noted, Dun & Bradstreet, New York, N.Y., *Monthly New Business Incorporation Report*.

## No. 972. INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES: 1946 TO 1979

[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 con- cerns in busi- ness <sup>1</sup> (1,000)	FAILURES <sup>2</sup>				YEAR	Total con- cerns in busi- ness <sup>1</sup> (1,000)	FAILURES <sup>2</sup>			
		Num- ber	Rate per 10,000 con- cerns	Current liabil- ities <sup>3</sup> (mil. dol.)	Average liability (\$1,000)			Num- ber	Rate per 10,000 con- cerns	Current liabil- ities <sup>3</sup> (mil. dol.)	Average liability (\$1,000)
1946-1950.....	2,493	5,652	21	213	45	1969.....	2,444	9,154	37	1,142	125
1951-1955.....	2,635	9,317	35	370	39	1970.....	2,442	10,748	44	1,888	176
1956-1960.....	2,674	14,177	53	708	50	1971.....	2,466	10,326	42	1,917	186
1961-1965.....	2,565	14,849	57	1,261	86						
1966-1970.....	2,481	10,993	44	1,324	121	1972.....	2,490	9,566	38	2,000	209
1971-1975.....	2,559	10,117	40	2,730	270	1973.....	2,567	9,345	36	2,299	246
1976-1979.....	2,767	7,933	29	2,857	360	1974.....	2,591	9,915	38	3,053	308
						1975.....	2,679	11,432	43	4,380	383
1965.....	2,527	13,514	53	1,322	98	1976.....	2,782	9,628	35	3,011	313
1966.....	2,520	13,061	52	1,386	106	1977.....	2,793	7,919	28	3,095	391
1967.....	2,519	12,364	49	1,265	102	1978.....	2,786	6,619	24	2,656	401
1968.....	2,481	9,636	39	941	98	1979.....	2,708	7,564	28	2,667	353

<sup>1</sup> Data represent number of names listed in July issue of *Dun & Bradstreet Reference Book*. <sup>2</sup> Includes concerns discontinuing 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. <sup>3</sup> Liabilities exclude long-term publicly held obligations; offsetting assets are not taken into account.

## No. 973. INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES, BY STATES: 1978 AND 1979

STATE	NUMBER		CURRENT LIABILITIES (mil. dol.)		STATE	NUMBER		CURRENT LIABILITIES (mil. dol.)		STATE	NUMBER		CURRENT LIABILITIES (mil. dol.)	
	1978	1979	1978	1979		1978	1979	1978	1979		1978	1979	1978	1979
U.S.....	6,619	7,564	2,656.0	2,667.4	W.N.C.—Con.					W.S.C.....	805	957	333.3	372.1
N.E.....	382	391	103.6	252.1	Mo.....	65	65	8.7	10.1	Ark.....	66	71	17.1	10.7
Maine.....	19	46	3.0	12.6	N. Dak.....	25	25	3.1	6.9	La.....	108	137	53.3	53.3
N.H.....	30	13	11.6	5.5	S. Dak.....	23	22	8.8	6.9	Okl.....	164	120	53.2	28.0
Vt.....	6	6	7	2.8	Nebr.....	45	70	74.7	16.8	Tex.....	467	629	209.8	280.1
Mass.....	241	216	79.6	184.3	Kans.....	66	108	10.4	18.2					
R.I.....	29	8	3.4	6.7	S.A.....	499	634	197.0	196.6	Mt.....	179	234	22.4	51.9
Conn.....	57	100	5.2	40.2	Del.....	2	6	.2	1.1	Mont.....	37	34	3.3	5.7
M.A.....	1,341	1,269	1,100.3	570.6	Md.....	88	125	8.8	26.3	Idaho.....	25	34	2.6	4.1
N.Y.....	578	477	391.8	237.7	D.C.....	4	9	53.8	1.6	Wyo.....	3	4	.5	2.3
N.J.....	415	421	198.6	194.2	Va.....	99	140	29.2	34.7	Colo.....	37	91	4.2	26.4
Pa.....	348	371	509.7	138.8	W. Va.....	20	16	2.6	9.1	N. Mex.....	—	8	—	5.3
E.N.C.....	1,166	1,368	273.1	390.2	S.C.....	9	9	26.0	12.9	Utah.....	58	27	9.8	3.5
Ohio.....	275	298	37.3	77.3	Ga.....	77	145	40.2	50.2	Nev.....	4	9	.6	2.0
Ind.....	141	166	26.9	46.2	Fla.....	149	83	28.8	31.2		15	27	1.4	2.5
Ill.....	384	369	115.9	129.1	E.S.C.....	372	440	81.3	100.6	Pac.....	1,395	1,690	373.4	585.1
Mich.....	270	389	72.4	103.2	Ky.....	94	74	29.7	15.8	Wash.....	204	299	43.1	87.3
Wis.....	95	146	20.7	34.4	Tenn.....	155	234	28.4	47.1	Oreg.....	129	188	22.1	60.3
W.N.C.....	480	581	171.6	148.2	Ala.....	96	103	17.9	29.8	Calif.....	1,029	1,162	298.8	428.4
Minn.....	181	212	32.4	77.3	Miss.....	27	29	5.4	7.9	Hawaii.....	31	38	9.0	8.7
Iowa.....	75	79	33.5	11.9						Alaska.....	2	3	.3	.3

— Represents zero.

<sup>1</sup> See headnote and footnotes 2 and 3, table 972.Source of tables 972 and 973: Dun & Bradstreet, New York, N.Y., *The Failure Record Through 1978 and Monthly Failure Report*.

**NO. 974. INDUSTRIAL AND COMMERCIAL FAILURES—NUMBER AND LIABILITIES, BY INDUSTRY AND SIZE OF LIABILITY: 1970 TO 1979**

[Excludes Hawaii prior to 1975, Alaska prior to 1976. See footnotes 2 and 3, table 972]

INDUSTRY AND SIZE OF LIABILITY	FAILURES						CURRENT LIABILITIES (mil. dol.)					
	1970	1975	1976	1977	1978	1979	1970	1975	1976	1977	1978	1979
<b>Total .....</b>	<b>10,748</b>	<b>11,432</b>	<b>9,628</b>	<b>7,919</b>	<b>6,619</b>	<b>7,564</b>	<b>1,088</b>	<b>4,380</b>	<b>3,012</b>	<b>3,095</b>	<b>2,656</b>	<b>2,667</b>
Mining and manufacturing .....	2,035	1,645	1,360	1,122	1,013	1,165	818	1,021	1,122	1,221	879	970
Under \$100,000 .....	1,069	789	614	479	381	424	43	35	27	23	18	21
\$100,000 and over .....	966	856	746	643	632	741	775	986	1,094	1,198	861	949
Wholesale trade .....	984	1,089	1,028	887	740	908	179	407	414	613	346	421
Under \$100,000 .....	650	611	506	450	313	342	27	28	23	21	15	17
\$100,000 and over .....	334	478	522	437	427	566	152	379	391	592	331	404
Retail trade .....	4,650	4,799	4,139	3,406	2,889	3,183	361	1,836	557	483	777	637
Under \$100,000 .....	3,984	3,520	3,050	2,368	1,916	1,920	124	136	126	98	86	88
\$100,000 and over .....	666	1,279	1,089	1,038	973	1,263	236	1,700	430	384	692	549
Construction .....	1,687	2,262	1,770	1,463	1,204	1,378	232	641	429	420	328	291
Under \$100,000 .....	1,229	1,433	1,097	867	650	718	42	58	47	38	28	33
\$100,000 and over .....	458	829	673	596	554	660	190	583	382	382	300	258
Commercial service .....	1,392	1,637	1,331	1,041	773	930	299	475	490	359	326	348
Under \$100,000 .....	1,087	1,151	909	697	452	526	33	42	34	28	18	21
\$100,000 and over .....	305	486	422	344	321	404	265	433	456	331	308	327

Source: Dun & Bradstreet, New York, N.Y., *The Failure Record Through 1978 and Monthly Failure Report*.

**NO. 975. BANKRUPTCY CASES FILED AND PENDING: 1905 TO 1979**

[In thousands. For years ending June 30. Covers all U.S. district courts. A bankruptcy case is a proceeding filed in a U.S. district court under the National Bankruptcy Act. "Filed" means the commencement of a proceeding through the presentation of a petition to the clerk of the 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	25	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	241
1935 .....	69	65	1963 .....	155	148	1971 .....	201	201	1979 .....	226	258
1940 .....	52	55	1964 .....	172	157	1972 .....	183	197			

**NO. 976. BANKRUPTCY CASES FILED, BY TYPE OF BANKRUPTCY AND OCCUPATION OF DEBTOR: 1965 TO 1979**

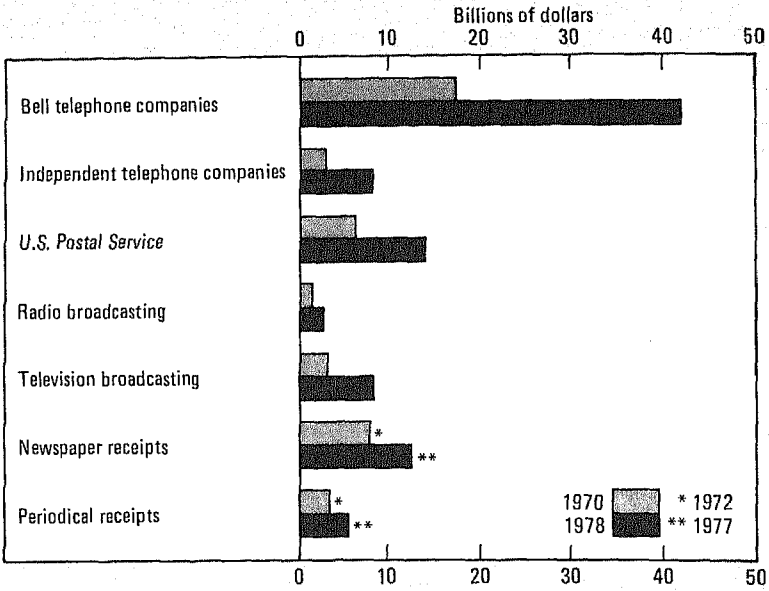
[For years ending June 30. See headnote, table 975]

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>Total .....</b>	<b>180,323</b>	<b>194,399</b>	<b>173,197</b>	<b>189,513</b>	<b>254,484</b>	<b>246,549</b>	<b>214,399</b>	<b>202,951</b>	<b>226,476</b>
Straight bankruptcies .....	151,137	162,451	145,914	157,967	209,330	209,067	181,194	166,771	183,259
Voluntary .....	149,820	161,366	144,929	156,958	208,084	207,926	180,062	167,776	182,344
Involuntary .....	1,317	1,085	985	1,009	1,266	1,141	1,132	995	915
Corporate reorganization .....	88	115	101	163	189	141	96	75	63
Arrangements .....	1,071	1,320	1,550	2,343	3,786	3,760	3,686	3,916	3,711
Wage earners' plans .....	28,027	30,510	25,632	29,023	41,178	33,579	29,422	30,185	39,442
Other .....	-	3	-	17	1	2	1	4	1
<b>OCCUPATION OF DEBTOR <sup>1</sup></b>									
Employees .....	148,965	156,343	131,122	141,877	184,078	166,394	144,754	139,779	164,101
Merchants .....	4,332	4,003	4,492	5,317	6,048	6,124	6,533	5,553	4,177
Manufacturers .....	688	731	649	710	756	681	779	846	603
Farmers .....	589	658	431	308	550	672	736	751	582
Members of professions .....	778	1,301	1,450	1,582	2,542	2,809	2,680	2,348	2,242
Other .....	23,628	30,264	34,056	38,699	59,224	68,703	57,775	52,667	53,834
In business .....	9,188	8,470	9,505	11,870	19,073	23,870	20,423	20,164	21,017
Not in business .....	14,440	21,794	24,551	26,829	40,151	44,833	37,352	32,503	32,817

- Represents zero. <sup>1</sup> Excludes involuntary corporate and involuntary straight cases.

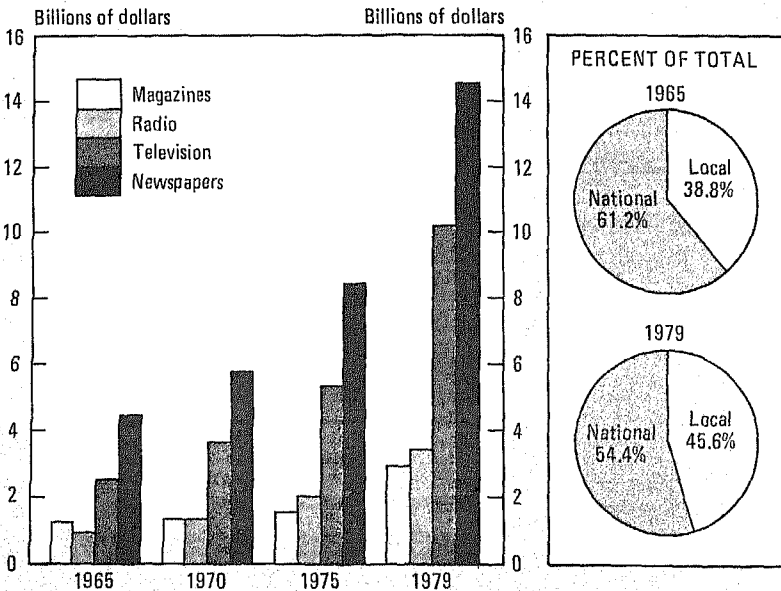
Source of tables 975 and 976: Administrative Office of the United States Courts, *Tables of Bankruptcy Statistics*, annual, and *Federal Judicial Workload Statistics*, annual.

**Figure 19.1**  
**Operating Revenues of Selected Media: 1970 and 1978**



Source: Chart prepared by U.S. Bureau of the Census. For data, see tables 978, 983, 985, 992, 993, and 1008.

**Figure 19.2**  
**Advertising Expenditures by Selected Media: 1965 to 1979**



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1018.

# 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 65 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 of 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, 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.

Financial and other 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.

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 and 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

1016-1018), 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 figures for advertising are published regularly by McCann-Erickson in its *Advertising Age*.

The Broadcast Advertisers Reports (see tables 1019-1021) 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. 977. U.S. POSTAL SERVICE—SUMMARY: 1900 TO 1979

[For years ending June 30 except, beginning 1977, ending Sept. 30. Includes Puerto Rico and all outlying areas except Canal Zone. See text, p. 579. See also *Historical Statistics, Colonial Times to 1970*, series R 163-171]

YEAR	Number of post offices	FINANCES <sup>1</sup>			Revenue per capita <sup>3</sup> (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 <sup>2</sup> (mil. dol.)	Deficit (mil. dol.)					Total <sup>4</sup> (bil.)	First-class <sup>5</sup>		Second class <sup>6</sup> (bil.)
										Number (bil.)	Per cent	
1900.....	76,688	102	108	5	1.34	94	( <sup>7</sup> )	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	<sup>a</sup> 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 <sup>b</sup> .....	30,521	3,402	3,387	<sup>10</sup> 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	<sup>10</sup> 470	73.37	4,382	10,062	5,631	99.8	58.0	58.1	8.4

NA Not available. <sup>1</sup> 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 978. <sup>2</sup> 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 abroad. <sup>3</sup> Operating revenue only; based on Bureau of the Census estimated total population as of Jan. 1, including Armed Forces.

<sup>4</sup> Includes other classes of mail not shown separately. See table 980. <sup>5</sup> 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. <sup>6</sup> Includes mail paid at other than bulk rates. <sup>7</sup> Service not inaugurated. <sup>8</sup> Includes postal notes issued under act of Congress. <sup>9</sup> Transition quarter, July-Sept. <sup>10</sup> Net income.

Source: U.S. Postal Service, *Annual Report of the Postmaster General*.

## NO. 978. U.S. POSTAL SERVICE REVENUES, BY SOURCE: 1960 TO 1979

[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. 579.]

REVENUE SOURCE	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
<b>Total</b> <sup>1</sup>	<b>3,277</b>	<b>4,483</b>	<b>7,702</b>	<b>9,347</b>	<b>9,913</b>	<b>10,857</b>	<b>11,590</b>	<b>12,747</b>	<b>14,622</b>	<b>15,841</b>	<b>17,999</b>
Operating postal revenue <sup>2</sup>	3,270	4,433	6,347	7,884	8,339	9,008	10,015	11,199	12,998	14,133	16,106
Stamps, postal cards, etc.	1,245	1,528	1,936	2,371	2,399	2,504	2,819	3,155	3,658	3,943	4,382
Second-class postage paid in money (pound rates) <sup>4</sup>	86	131	192	214	224	259	284	319	427	551	755
Other postage paid under permit and meter	1,699	2,529	3,883	4,861	5,141	5,623	6,241	6,883	7,951	8,668	10,062
Box rents	29	34	44	58	61	63	67	103	109	124	153
Miscellaneous	<sup>5</sup> 147	154	236	325	460	507	556	675	748	758	663
Money-order revenues	64	57	56	55	54	52	53	63	105	89	91
Government appropriations	-	-	1,355	1,361	1,466	1,750	1,533	1,645	1,712	1,722	1,720
Percent of total revenue	-	-	17.6	14.5	15.0	16.1	13.2	12.8	11.7	10.9	9.6
Investment income, net	-	-	-	102	89	98	37	<sup>6</sup> -97	<sup>6</sup> -88	<sup>6</sup> -14	173

- Represents zero. <sup>1</sup> Net revenue after refunds of postage. Beginning 1965, includes operating reimbursements.

<sup>2</sup> Includes small amounts for Postal Savings System, 1960 and 1965, and reimbursement by U.S. Congress in 1965.

<sup>3</sup> 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 and 1971 have been related to be consistent with subsequent years. See also footnote 1, table 977. <sup>4</sup> Includes controlled circulation publications. <sup>5</sup> Includes \$37.4 million appropriated to postal revenues for public services as provided by the Postal Policy Act of 1958. <sup>6</sup> Interest expense on loans exceeded interest income received from investments.

Source: U.S. Postal Service, *Annual Report of the Postmaster General*.

## NO. 979. POSTAL REVENUES AND COSTS: 1970 TO 1979

[In millions of dollars, except as indicated. For years ending June 30 except, beginning 1977, ending Sept. 30. For 1970-1973, revenues exclude reimbursements from various sources which are included in revenue data shown in tables 977 and 978. See also *Historical Statistics, Colonial Times to 1970*, Series R 172-182]

MAIL AND SERVICE	REVENUES		Per capita rev- enues <sup>1</sup> (dol.)	ATTRIBUTABLE COSTS <sup>2</sup>			
	Total	Per- cent of total		Total <sup>3</sup>	Direct labor	Trans- portation	Over- head
1970.....	6,477	(X)	31.69	4,143	3,072	572	399
1971.....	6,796	(X)	32.88	4,492	3,327	588	457
1972.....	9,358	(X)	44.97	4,761	3,579	533	526
1973.....	9,840	(X)	46.93	4,903	3,901	465	412
1974.....	10,857	(X)	51.65	5,420	4,297	495	491
1975.....	11,590	(X)	55.14	7,012	4,715	732	1,565
1976.....	12,747	(X)	59.43	9,199	7,076	552	1,571
1977.....	14,622	(X)	67.70	10,655	7,948	925	1,782
1978.....	15,841	(X)	72.77	11,039	8,431	867	1,741
<b>1979, total</b> .....	<b>17,999</b>	<b>100.0</b>	<b>82.00</b>	<b>11,719</b>	<b>8,961</b>	<b>955</b>	<b>1,803</b>
First-class mail <sup>4</sup>	9,733	54.07	44.34	6,487	5,307	181	999
Priority mail <sup>5</sup>	581	3.12	2.56	275	126	108	41
Second-class publishers' mail <sup>6</sup>	644	3.58	2.93	717	537	82	98
Controlled circulation publication <sup>7</sup>	95	.53	.43	72	44	18	10
Third-class mail <sup>8</sup>	2,216	12.31	10.09	2,153	1,718	122	313
Bulk rate.....	1,987	10.93	8.95	1,838	1,460	116	262
Single piece rate and fees.....	249	1.38	1.13	315	258	6	51
Fourth-class mail.....	747	4.15	3.40	687	369	200	118
Zone rate mail (parcels, catalogs, etc.).....	484	2.69	2.20	398	204	131	63
Special fourth-class rate.....	237	1.32	1.08	232	135	52	45
Library rate and fees.....	26	.14	.12	57	30	17	10
Government mail <sup>9</sup>	678	3.77	3.09	297	248	38	11
International mail <sup>10</sup>	550	3.05	2.51	410	178	193	39
Special services.....	506	2.81	2.31	578	409	-	169
Other <sup>14</sup>	2,269	12.61	10.34	43	25	13	5

- Represents zero. X Not applicable. <sup>1</sup> Based on Bureau of the Census estimated population as of Jan. 1, including Armed Forces abroad. <sup>2</sup> Costs which can be demonstrated to vary with changes in volume of a particular class or category of service or, even though fixed, to result from providing one specific class or category of service. <sup>3</sup> For 1970-1974, includes other direct and specific fixed costs. <sup>4</sup> Short- and longer-run direct and indirect costs. <sup>5</sup> Service-related costs. <sup>6</sup> See footnote 5, table 977. <sup>7</sup> Items otherwise qualified as 1st-class or airmail that exceed 12 ounces and 8 ounces, respectively. <sup>8</sup> 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. <sup>9</sup> 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. <sup>10</sup> Items less than 16 ounces in weight not mailed at either 1st- or 2d-class rates. <sup>11</sup> 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. <sup>12</sup> Penalty and franked mail. <sup>13</sup> Mail from U.S. to foreign countries paid at international mail rates. <sup>14</sup> For revenues, consists of unassignable revenues; for attributable costs, consists of free mail for blind and handicapped and nonpostal services for other agencies.

Source: U.S. Postal Service, *Revenue and Cost Analysis*, annual, and *Annual Report of Postmaster General*.

[In millions, except per capita. For years ending June 30 except, beginning 1977, ending Sept. 30. Includes Puerto Rico and all outlying areas except Canal Zone. For definition of classes of mail, see footnotes, table 979. See also *Historical Statistics, Colonial Times to 1970*, series A 172-186]

<sup>1</sup> Includes express mail established as a class of mail on October 9, 1977 and mailgrams. <sup>2</sup> Based on estimated total population as of Jan. 1, including Armed Forces abroad. <sup>3</sup> Includes types of mail not shown separately.

No. 981. U.S. POSTAL SERVICE RATES FOR LETTERS AND POST CARDS: 1952 TO 1980

X Not applicable. <sup>1</sup> Each ounce, except as noted. <sup>2</sup> Jan. 1, 1949. <sup>3</sup> As of October 11, 1975, surface mail service upgraded to level of airmail. <sup>4</sup> 17¢ for first ounce; 15¢ for each added ounce. <sup>5</sup> As of May 1, 1977, domestic airmail service, as a separate class of mail, was discontinued.

No. 982. U.S. POSTAL SERVICE EMPLOYEES, BY TYPE: 1950 TO 1979

[In thousands, except pieces of mail. 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]

<sup>1</sup> Includes assistant postmasters: 3,540 in 1950, and 3,917 in 1955.      <sup>2</sup> Includes mobile unit employees.

Source: U.S. Postal Service, *Annual Report of the Postmaster General*.



## NO. 983. BELL TELEPHONE COMPANIES—SUMMARY: 1960 TO 1979

[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	1973	1974	1975	1976	1977	1978	1979
Central offices <sup>1</sup> .....	1,000.....	11.2	13.4	15.1	16.5	16.9	17.2	17.5	17.8	18.1	18.7
Miles of—Wire.....	Mil.....	308	423	602	752	800	832	871	910	962	1,018
Coaxial tube.....	1,000.....	97	169	287	326	331	333	338	337	331	332
Telephone grade carrier channel <sup>2</sup> .....	Mil.....	76	167	414	589	608	645	672	715	758	870
Microwave radio relay <sup>3</sup> .....	1,000.....	298	728	1,181	1,343	1,356	1,389	1,370	1,407	1,402	1,404
Book value of plant (cost).....	Bil. dol.....	24.7	36.2	56.2	75.5	82.7	89.2	95.8	103.6	113.0	123.9
Depreciation reserves <sup>4</sup> .....	Bil. dol.....	5.4	7.8	12.6	15.8	16.6	17.6	18.7	19.9	21.2	22.6
Operating revenues <sup>5</sup> .....	Bil. dol.....	8.1	11.3	17.4	24.1	26.8	29.6	33.5	37.3	42.0	46.4
Local exchange.....	Bil. dol.....	4.7	6.1	8.7	11.7	13.1	14.4	16.0	17.5	19.2	20.8
Toll.....	Bil. dol.....	3.1	4.7	8.0	11.5	12.7	14.2	16.4	18.5	21.2	23.8
Operating expenses <sup>6</sup> .....	Bil. dol.....	5.6	7.9	12.9	17.8	19.8	22.2	24.8	27.7	31.0	34.9
Net income.....	Bil. dol.....	1.3	1.9	2.3	3.1	3.3	3.3	4.0	4.7	5.6	5.6
Dividends declared <sup>7</sup> .....	Bil. dol.....	.8	1.1	1.5	1.9	2.1	2.2	2.6	2.9	3.3	3.8
Employees, number.....	1,000.....	595	627	793	818	812	789	778	785	823	855
Wages and salaries.....	Bil. dol.....	3.3	4.2	6.6	9.3	10.2	11.1	12.2	13.4	15.1	17.3

<sup>1</sup> 1960 not fully comparable with later years. <sup>2</sup> Message circuits added to existing wire mileage, but not requiring additional wire. Also includes microwave radio. <sup>3</sup> Broadband, 1-way channel. <sup>4</sup> Includes amortization reserves. <sup>5</sup> Includes miscellaneous and uncollectible, not shown separately. <sup>6</sup> Includes operating taxes other than Federal income tax. <sup>7</sup> Excludes intercompany dividends.

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. 984. TELEPHONE AND TELEGRAPH SYSTEMS: 1950 TO 1978

[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	1974	1975	1976	1977	1978
<b>Domestic telephone: <sup>1</sup></b>											
Carriers.....	Number.....	71	53	52	54	56	63	62	62	63	64
Telephones <sup>2</sup> .....	Mil.....	39	50	66	82	105	126	130	135	143	148
Miles of wire.....	Mil.....	147	205	316	436	628	838	872	913	966	1,022
Gross book cost of plant.....	Bil. dol.....	10.7	16.2	25.7	38.0	59.9	89.6	95.5	103.1	113.1	123.6
Depreciation reserves <sup>3</sup> .....	Bil. dol.....	3.0	4.1	5.6	8.1	13.2	17.7	18.8	20.2	21.9	23.5
Ratio to book cost.....	Percent.....	27.8	25.3	21.7	21.4	22.1	20.0	19.9	19.6	19.4	19.0
Capital stock.....	Bil. dol.....	3.2	6.0	8.4	10.0	10.8	11.7	12.4	12.7	14.2	14.9
Operating revenues.....	Bil. dol.....	3.4	5.6	8.4	11.8	18.2	28.3	31.3	35.6	40.1	45.2
Operating expenses <sup>4</sup> .....	Bil. dol.....	2.5	3.7	5.0	7.1	11.7	18.0	20.2	22.7	25.7	29.1
Net operating income <sup>5</sup> .....	Bil. dol.....	.5	.8	1.4	2.1	3.1	5.2	5.6	6.5	7.2	8.1
Net income.....	Bil. dol.....	.4	.7	1.3	1.9	2.3	3.5	3.6	4.3	5.1	5.9
Employees.....	1,000.....	565	649	627	655	839	865	840	832	851	894
Compensation of employees.....	Bil. dol.....	1.8	2.7	3.4	4.3	7.0	10.7	11.7	12.4	13.4	16.2
<b>Overseas telephone:</b>											
Number of overseas calls.....	Mil.....	.7	1.2	3.3	7.5	23.4	53.7	62.2	75.8	96.3	133.9
Revenue from overseas calls.....	Mil. dol.....	9	16	42	101	252	496	562	664	795	963
Ocean cable systems.....	Number.....	1	1	5	11	13	14	14	15	15	15
Communications satellites.....	Number.....	-	-	-	1	4	5	5	5	5	5
<b>Domestic telegraph:</b>											
Carriers.....	Number.....	1	1	1	1	1	1	1	1	1	1
Revenue messages transmitted.....	Mil.....	179	154	124	94	70	42	42	43	45	50
Message revenues <sup>6</sup> .....	Mil. dol.....	152	189	190	192	234	192	197	202	214	238
Total operating revenues.....	Mil. dol.....	178	229	262	306	402	484	505	528	555	576
Operating revenue deductions.....	Mil. dol.....	167	206	247	282	368	414	435	453	470	492
Operating income <sup>7</sup> .....	Mil. dol.....	9	13	11	24	34	69	70	74	85	84
Teletypewriter messages.....	Mil.....	15	23	33	47	46	52	54	53	53	56
<b>Overseas telegraph: <sup>8</sup></b>											
Carriers.....	Number.....	11	10	9	6	6	6	6	6	6	6
Revenue messages transmitted.....	Mil.....	23	26	28	29	32	29	26	24	23	22
Message revenues <sup>9</sup> .....	Mil. dol.....	42	50	71	78	124	213	217	238	276	320
Total operating revenues.....	Mil. dol.....	50	68	87	107	194	299	316	344	397	455
Operating revenue deductions.....	Mil. dol.....	45	58	77	87	156	224	245	285	294	336
Operating income <sup>7</sup> .....	Mil. dol.....	4	3	6	14	26	49	48	55	69	83

- Represents zero. <sup>1</sup> Includes Puerto Rico and, beginning 1965, Virgin Islands. Excludes intercompany duplications. <sup>2</sup> Includes gross operating revenues of carriers reporting since 1970 estimated at 90 percent of all carriers. <sup>3</sup> Includes company, service, and private. <sup>4</sup> Includes amortization reserves. <sup>5</sup> Excludes taxes. <sup>6</sup> After tax deductions. <sup>7</sup> Includes telex service; for domestic telegraph, excludes TWX. <sup>8</sup> After Federal income taxes. <sup>9</sup> Beginning 1965, excludes South American and most Caribbean operations of All America Cables and Radio, Inc.

Source: U.S. Federal Communications Commission, *Statistics of Communications Common Carriers*, annual, and unpublished data.

## NO. 985. INDEPENDENT TELEPHONE COMPANIES—SUMMARY: 1950 TO 1978

[As of Dec. 31 or calendar year, as applicable. See also *Historical Statistics, Colonial Times to 1970*, series R 31-45]

ITEM	Unit	1950	1955	1960	1965	1970	1975	1976	1977	1978
<b>All companies<sup>1</sup></b>	<b>Number</b>	<b>5,541</b>	<b>4,713</b>	<b>3,299</b>	<b>2,421</b>	<b>1,841</b>	<b>1,618</b>	<b>1,590</b>	<b>1,556</b>	<b>1,527</b>
Telephones	1,000	6,338	8,461	11,428	15,027	20,312	26,823	28,209	29,675	31,549
Total telephone plant	Mil. dol.	1,096	2,043	4,019	6,826	12,390	21,200	23,000	25,130	27,788
Operating revenues	Mil. dol.	317	590	1,020	1,670	2,953	5,500	6,300	7,115	8,085
<b>Reporting companies<sup>2</sup></b>	<b>Number</b>	<b>379</b>	<b>406</b>	<b>550</b>	<b>669</b>	<b>684</b>	<b>731</b>	<b>764</b>	<b>757</b>	<b>761</b>
Telephones	1,000	4,922	6,750	9,718	13,648	19,182	25,548	27,029	28,495	30,323
Percent of all independent companies' telephones	Percent	77.7	79.8	85.0	89.6	92.9	95.3	95.8	96.0	96.1
Telephone plant in service	Mil. dol.	878	1,656	3,396	6,056	11,175	19,520	21,323	23,243	25,640
Depreciation reserves	Mil. dol.	203	326	600	1,168	2,203	4,120	4,745	5,393	6,063
Operating revenues	Mil. dol.	270	503	1,040	1,530	2,791	5,294	6,072	6,864	7,807
Operating expenses <sup>3</sup>	Mil. dol.	211	354	630	1,040	1,953	3,639	4,159	4,722	5,405
Net income	Mil. dol.	29	67	117	225	356	711	837	960	1,073
Employees	1,000	63	72	85	101	142	152	154	160	172
Wages and salaries	Mil. dol.	147	224	359	537	1,001	1,737	1,949	2,218	2,579

<sup>1</sup> All telephone companies independent of Bell System. <sup>2</sup> Comprises only companies submitting operating information to source cited below. <sup>3</sup> Excludes Federal income tax.

Source: United States Independent Telephone Association, Washington, D.C., *Statistics of the Independent Telephone Industry*, annual. (Copyright.)

## NO. 986. TELEPHONES, CALLS, AND RATES: 1960 TO 1979

[See also *Historical Statistics, Colonial Times to 1970*, series R 1-16]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>Telephones, Dec. 31</b>	<b>Mil.</b>	<b>74</b>	<b>94</b>	<b>120</b>	<b>138</b>	<b>144</b>	<b>149</b>	<b>155</b>	<b>162</b>	<b>169</b>	<b>176</b>
Total per 1,000 population	Number	408	478	584	655	677	695	718	744	769	793
Bell companies <sup>1</sup>	Mil.	63	79	100	114	118	122	127	132	137	143
Independent companies	Mil.	11	15	20	24	26	27	28	30	31	32
Business	Mil.	21	26	33	37	39	39	41	42	44	46
Residence	Mil.	54	68	87	101	105	110	114	120	125	130
Households with service <sup>2</sup>	Percent	79	85	91	94	94	95	95	96	97	98
<b>Average daily conversations:</b>											
Bell companies <sup>1,3</sup>	Mil.	225	287	379	444	470	481	498	519	561	576
Local	Mil.	215	273	356	414	438	448	462	479	515	526
Long distance	Mil.	10	14	23	30	32	33	36	40	45	50
Independent companies <sup>3</sup>	Mil.	60	80	107	132	143	146	146	160	176	170
Local	Mil.	58	77	103	125	136	137	137	150	165	156
Long distance	Mil.	2	3	4	7	7	9	9	10	11	14
<b>Toll rates in effect, Dec. 31, from New York City to:<sup>4</sup></b>											
Philadelphia	Dol.	.50	.50	.50	.60	.60	.90	.99	1.01	1.01	1.01
Chicago	Dol.	1.45	1.40	1.05	1.15	1.15	1.20	1.18	1.18	1.18	1.18
Denver	Dol.	1.80	1.70	1.25	1.35	1.35	1.30	1.24	1.24	1.24	1.24
San Francisco	Dol.	2.25	2.00	1.35	1.45	1.45	1.36	1.30	1.30	1.30	1.30

<sup>1</sup> See headnote, table 983. <sup>2</sup> See footnote 3, table 988. <sup>3</sup> Includes messages originating in independent company areas routed in part over Bell facilities. <sup>4</sup> Source: Federal Communications Commission, tariff releases. Rates for dialing station-to-station, daytime, 3-minute call.

Source: Except as noted, American Telephone and Telegraph Company, New York, N.Y., unpublished data.

## NO. 987. REA AND RURAL TELEPHONE BANK PROGRAM—SUMMARY: 1960 TO 1979

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979 <sup>1</sup>
Loans and guarantees approved, Dec. 31: <sup>2</sup>										
Borrowers	Number	727	845	862	905	921	939	950	966	981
REA amount	Mil. dol.	737	1,200	1,816	2,357	2,576	2,851	3,043	3,354	3,606
Guaranteed amount	Mil. dol.	-	-	-	33	237	394	384	392	392
Rural Telephone Bank amount	Mil. dol.	-	-	-	474	618	768	979	1,121	1,262
Route miles of line, <sup>3</sup> Dec. 31	1,000	378	515	575	645	701	750	770	795	819
Subscribers, Dec. 31	1,000	1,467	2,066	2,506	3,100	3,561	3,907	4,119	4,370	4,540
Telephones in service	1,000	1,280	2,046	2,989	4,084	4,355	4,796	5,388	5,925	6,335
Total operating revenues	Mil. dol.	94	187	363	660	753	899	1,087	1,305	1,540
Total telephone plant	Mil. dol.	635	1,168	2,085	3,422	3,850	4,374	5,074	5,770	6,558
Employees	1,000	9.7	11.6	15.4	19.6	20.0	21.2	23.5	26.3	27.9

- Represents zero. <sup>1</sup> Preliminary, except loans approved. <sup>2</sup> Cumulative net loans (cancellations deducted).

<sup>3</sup> Line in service.

Source: U.S. Rural Electrification Administration, *Annual Statistical Report—Rural Telephone Borrowers*.

## No. 988. TELEPHONES IN USE, BY STATES: 1970 AND 1978

[As of Dec. 31]

STATE	TELEPHONES					PERCENT HOUSEHOLDS WITH SERVICE <sup>3</sup>		STATE	TELEPHONES					PERCENT HOUSEHOLDS WITH SERVICE <sup>3</sup>	
	Number (1,000)		Per 100 population, 1978	Percent owned by Bell <sup>2</sup>					Number (1,000)		Per 100 population, 1978	Percent owned by Bell <sup>2</sup>			
	1970	1978		1970	1978	1970	1978		1970	1978		1970	1978		
U.S.....	120,155	169,027	57	83	81	92	97	Mo.....	2,753	3,691	57	83	80	91	95
Ala.....	1,563	2,420	50	84	83	80	89	Mont.....	357	576	54	84	83	89	93
Alaska.....	85	240	35	-	-	(NA)	92	Nebr.....	884	1,247	59	58	56	96	100
Ariz.....	956	1,796	55	97	96	82	99	Nev.....	333	698	72	35	32	84	103
Ark.....	859	1,390	48	73	71	77	88	N.H.....	425	673	59	95	95	99	102
Calif.....	13,306	19,123	61	79	78	94	99	N.J.....	4,786	6,335	65	98	98	99	105
Colo.....	1,374	2,181	57	98	98	93	100	N. Mex.....	494	813	47	87	87	80	90
Conn.....	2,061	2,583	62	99	99	100	103	N.Y.....	12,416	13,065	53	92	91	97	96
Del.....	380	501	63	100	100	97	100	N.C.....	2,385	3,907	53	52	53	82	92
D.C.....	878	1,069	76	100	100	100	101	N. Dak....	321	500	56	70	72	94	100
Fla.....	4,142	7,272	62	68	65	88	100	Ohio.....	6,201	7,785	55	77	76	94	96
Ga.....	2,413	3,905	57	86	86	83	93	Okl.....	1,469	2,226	58	88	87	88	95
Hawaii.....	424	661	48	-	-	(NA)	105	Oreg.....	1,190	1,885	56	78	73	89	95
Idaho.....	358	662	55	80	80	87	97	Pa.....	7,476	9,519	61	83	81	95	99
Ill.....	7,110	9,792	65	83	83	94	99	R.I.....	531	698	56	100	100	96	99
Ind.....	2,905	4,043	58	66	65	90	95	S.C.....	1,168	1,981	51	74	72	80	90
Iowa.....	1,625	2,212	57	70	68	95	97	S. Dak....	335	498	54	81	79	91	95
Kans.....	1,301	1,859	60	83	84	93	95	Tenn.....	1,947	3,064	54	84	84	84	93
Ky.....	1,435	2,215	48	73	71	80	89	Texas....	6,329	10,245	57	84	82	86	97
La.....	1,781	2,729	52	95	94	87	95	Utah.....	596	993	56	96	96	93	100
Maine.....	490	770	54	90	88	93	101	Vt.....	236	349	52	87	86	97	104
Md.....	2,482	3,387	61	100	100	93	100	Va.....	2,476	3,672	53	80	79	86	95
Mass.....	3,523	4,472	57	100	100	98	100	Wash.....	1,996	2,999	57	77	74	91	97
Mich.....	5,135	6,981	58	89	87	95	100	W. Va....	763	1,086	45	87	86	82	89
Minn.....	2,248	3,056	56	82	79	97	100	Wis.....	2,370	3,393	54	72	70	95	100
Miss.....	891	1,464	47	95	95	71	84	Wyo.....	196	347	58	94	94	89	95

- Represents zero. NA Not available. <sup>1</sup> Residential telephones per 100 population. Based on Bureau of the Census estimated resident population as of July 1, 1978. <sup>2</sup> Includes 463,200 service telephones (noncompany telephones for which switching service is provided) in 1970, and 381,184 in 1978. <sup>3</sup> 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. 989. COMMUNICATION RATES BETWEEN SELECTED CITIES: 1946 TO 1980

[See also *Historical Statistics, Colonial Times to 1970*, series R 71-74 and R 89-92]

EFFECTIVE DATE	BETWEEN NEW YORK CITY AND—				EFFECTIVE DATE	BETWEEN NEW YORK CITY AND—			
	Philadel- phia	Chi- cago	Den- ver	San Fran- cisco		Lon- don	Cairo	Tokyo	Bue- nos Aires
TELEGRAPH RATES <sup>1</sup>					CABLE AND RADIO..... TELEGRAPH RATES <sup>2</sup> .....				
1960, Oct. 17.....	1.10	1.45	1.90	1.90	1950, July 1.....	.19	.30	.30	.27
1966, Jan. 1.....	1.27	1.70	2.23	2.23	1958, Aug. 1.....	.21	.34	.34	.31
1968, Nov. 1.....	2.25	2.25	2.25	2.25	1966, Apr. 12.....	.23	.34	.34	.31
1970, Mar. 1.....	2.75	2.75	2.75	2.75	1978, Jan. 1.....	.23	.34	.34	.31
1971, July 4.....	3.75	3.75	3.75	3.75	In effect Jan. 1, 1980.....	.23	.34	.34	.31
1974, Dec. 2.....	4.75	4.75	4.75	4.75					
1978, Oct. 1-Mar. 1, 1980.....	4.95	4.95	4.95	4.95					
TWX RATES <sup>2</sup>					TELEPHONE RATES <sup>4</sup> .....				
1960, Feb. 7.....	.45	1.15	1.65	1.75	1946.....	12.00	12.00	12.00	12.00
1966, Sept. 1.....	.25	.45	.55	.60	1970, Mar. 1.....	9.60	12.00	12.00	12.00
1970, Feb. 1.....	.25	.50	.65	.70	1978, Jan. 1.....	9.60	12.00	12.00	12.00
1978, Aug. 10-Mar. 1, 1980.....	.40	.48	.52	.52	In effect Jan. 1, 1980.....	9.60	12.00	12.00	12.00

<sup>1</sup> Minimum charge for 15 text words or less. <sup>2</sup> Prior to September 1966, rates for 3 minutes or less, 2-way; thereafter, for each minute or fraction thereof. <sup>3</sup> Per plain language telegraph-word including address and signature. <sup>4</sup> For person-to-person, 3-minute call.

Source: U.S. Federal Communications Commission, tariff releases.

## NO. 990. BROADCAST AND NONBROADCAST STATIONS AUTHORIZED AND OPERATORS

LICENSED, BY CLASS: 1975 TO 1979

[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	1978	1979	CLASS	1975	1978	1979
STATIONS AUTHORIZED (1,000)				STATIONS AUTHORIZED (Number)			
Private radio services <sup>1</sup>	2,602.4	15,786.0	16,680.4	Broadcast services <sup>3</sup>	32,172	36,103	35,973
Amateur and disaster	276.8	369.3	375.5	Commercial AM	4,488	4,577	4,634
Personal	1,530.8	14,249.9	15,000.3	Commercial TV	759	785	807
Aviation	184.4	216.1	227.0	Educational TV	256	268	275
Aircraft	154.7	184.3	193.2	TV translator	3,389	4,001	4,238
Aeronautical and fixed	7.4	8.2	9.1	Auxiliary TV	3,032	4,648	5,099
Civil air patrol	19.6	20.5	21.3	Experimental TV	3	2	2
Other	2.7	3.0	3.4	UHF signal booster	9	9	9
Industrial	244.6	426.8	513.9	Aural, studio-transmitter-link, intercity relay	1,008	1,610	1,836
Power	17.5	22.0	23.4	Commercial FM	2,847	3,206	3,300
Business	155.2	304.8	377.1	Educational FM	850	1,053	1,112
Petroleum	11.8	15.9	17.2	International	4	4	4
Forest products	4.3	5.4	6.1	Remote pickup	14,959	15,021	13,522
Special industrial	40.7	66.6	75.4	Instructional TV, fixed	187	187	198
Other	15.1	12.2	14.6	Other	381	732	936
Land transportation	22.6	27.5	29.4	Common carrier services	27,357	51,607	58,988
Railroad	8.9	10.1	10.5	Point-to-point microwave	8,133	8,755	8,917
Taxicab	3.7	4.7	5.1	Multipoint distribution serv	69	143	144
Interurban property	2.2	3.2	3.4	Local TV transmission	64	65	65
Other	7.9	9.6	10.4	Rural radio	1,218	1,504	1,716
Marine	250.7	345.2	371.2	Developmental	(NA)	200	33
Ship	243.6	335.0	360.3	Public land mobile <sup>1</sup>	17,783	39,584	45,415
Alaskan	2.1	2.3	2.4	International control, fixed	25	8	8
Coastal and other	5.0	8.0	8.5	Satellite earth stations <sup>4</sup>	48	1,294	2,603
Public safety	92.6	136.8	147.0	Satellites in orbit <sup>4</sup>	17	30	32
Police	28.8	42.4	44.6	Other	(NA)	24	55
Fire	14.0	21.6	23.1	Experimental services	1,349	1,432	1,298
Forestry conservation	6.2	7.4	7.7	Cable TV relay service <sup>3</sup>	877	1,187	1,458
Highway maintenance	7.7	10.0	10.5	RADIO OPERATORS (1,000)			
Special emergency	12.4	23.6	26.3	Total	4,222	4,779	4,951
Other	23.5	31.9	34.7	Commercial	3,965	4,426	4,589
Operational fixed services <sup>2</sup>	(NA)	14.4	16.1	Amateur	257	353	362

NA Not available. <sup>1</sup> 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. <sup>2</sup> Includes microwave operations. Prior to 1977, data not separable from other class categories. <sup>3</sup> Stations licensed or holding construction permits. <sup>4</sup> Includes domestic satellite systems.

Source: U.S. Federal Communications Commission, *Annual Report*.

## NO. 991. COMMERCIAL BROADCAST STATIONS, NUMBER AND REVENUES: 1950 TO 1978

[Revenues in millions of dollars. Covers reporting stations. As of Dec. 31. Includes P. Rico and Virgin Is. Revenues are total time sales of all networks and stations, less commissions to agencies and plus incidental revenues (e.g., sale of talent and program material). See also *Historical Statistics, Colonial Times to 1970*, series R 111-112 and R 128-129]

STATION	1950	1955	1960	1965	1970	1973	1974	1975	1976	1977	1978
<b>Stations.....</b>	<b>2,336</b>	<b>3,179</b>	<b>4,218</b>	<b>4,867</b>	<b>5,584</b>	<b>5,936</b>	<b>6,136</b>	<b>6,228</b>	<b>6,339</b>	<b>6,316</b>	<b>6,462</b>
<b>Net broadcast revenues.....</b>	<b>550</b>	<b>1,198</b>	<b>1,866</b>	<b>2,757</b>	<b>3,945</b>	<b>4,967</b>	<b>5,384</b>	<b>5,819</b>	<b>7,218</b>	<b>8,163</b>	<b>9,585</b>
AM and AM-FM stations.....	2,143	2,704	3,470	3,941	4,209	4,267	4,367	4,355	4,363	4,292	4,316
Net broadcast revenues <sup>1</sup> .....	443	452	592	777	1,077	1,348	1,410	1,480	1,687	1,846	2,065
FM affiliates of AM stations.....	(NA)	(NA)	(NA)	(NA)	225	361	397	477	562	586	655
Net broadcast revenues.....	(NA)	(NA)	(NA)	(NA)	19	58	65	102	152	203	285
FM independent stations.....	86	38	218	338	464	616	678	703	713	741	777
Net broadcast revenues.....	1	1	6	16	41	96	128	143	180	225	285
TV stations.....	107	437	530	588	686	692	694	693	701	697	714
Net broadcast revenues <sup>2</sup> .....	106	745	1,269	1,965	2,808	3,465	3,781	4,094	5,199	5,889	6,950

NA Not available. <sup>1</sup> Prior to 1960, includes 4 national networks and 3 regional networks; 1960-1965, includes 4 national networks; thereafter, includes 7 national networks (CBS, MBS, NBC, and ABC's 3 AM and 1 FM).

<sup>2</sup> Includes 4 networks through Sept. 15, 1955; 3 thereafter.

Source: U.S. Federal Communications Commission, *AM-FM Broadcast Financial Data*, annual; *TV Broadcast Financial Data*, annual; and unpublished data.

## No. 992. TELEVISION BROADCAST INDUSTRY FINANCES: 1960 TO 1978

[For commercial stations only. Includes Puerto Rico and Virgin Islands. See also headnote, table 991, and *Historical Statistics, Colonial Times to 1970*, series R 123-139]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978
Number of networks, Dec. 31.....	3	3	3	3	3	3	3	3	3
Stations reporting, Dec. 31.....	530	588	686	692	694	693	701	697	714
VHF.....	454	488	506	511	514	513	511	512	513
UHF.....	76	100	180	181	180	180	190	185	201
FINANCES (mil. dol.)									
Broadcast revenues, gross.....	1,504	2,328	3,337	4,107	4,479	4,860	6,191	7,000	8,266
Sales to advertisers.....	1,456	2,266	3,243	4,002	4,354	4,722	6,030	6,840	8,102
Network sales.....	747	1,142	1,551	1,840	2,005	2,157	2,675	3,242	3,726
National non-network sales.....	469	796	1,103	1,230	1,336	1,449	1,923	1,968	2,336
Local sales.....	240	328	589	932	1,012	1,116	1,432	1,631	2,040
Nonadvertising revenues.....	48	62	94	105	125	138	161	159	164
Broadcast revenues, net.....	1,269	1,965	2,808	3,465	3,781	4,094	5,198	5,889	6,950
3 networks <sup>1</sup> .....	641	1,024	1,457	1,758	1,921	2,069	2,604	3,085	3,549
Other stations.....	628	941	1,351	1,707	1,860	2,025	2,594	2,804	3,400
Broadcast expenses of networks and stations.....	1,025	1,517	2,354	2,811	3,043	3,314	3,948	4,488	5,297
3 networks <sup>1</sup> .....	546	862	1,290	1,470	1,590	1,755	2,150	2,530	2,989
Other stations.....	479	655	1,065	1,341	1,453	1,559	1,798	1,958	2,307
Broadcast income <sup>2</sup> .....	244	448	454	653	738	780	1,250	1,401	1,653
3 networks <sup>1</sup> .....	95	162	167	288	331	314	455	555	580
Other stations.....	149	286	286	365	406	466	796	846	1,074

<sup>1</sup> Includes owned and operated stations.   <sup>2</sup> Before Federal income tax.

Source: U.S. Federal Communications Commission, *TV Broadcast Financial Data*, annual.

## No. 993. RADIO BROADCAST INDUSTRY FINANCES: 1960 TO 1978

[For commercial stations only. Includes Puerto Rico and Virgin Islands. Minus sign (-) denotes loss. See also headnote, table 991, and *Historical Statistics, Colonial Times to 1970*, series R 106-122]

ITEM	1960	1965	1970	1973	1974	1975	1976	1977	1978
Number of networks, Dec. 31.....	4	4	7	7	7	7	7	7	8
Number of stations reporting, Dec. 31.....	3,688	4,279	4,898	5,244	5,436	5,535	5,638	5,619	5,748
AM and AM-FM.....	3,470	3,941	4,209	4,267	4,361	4,355	4,363	4,292	4,316
FM independents.....	218	338	464	616	678	703	713	741	777
FM affiliates of AM stations <sup>1</sup> .....	(NA)	(NA)	225	361	397	477	562	586	655
FINANCES (mil. dol.)									
Broadcast revenues, gross.....	665	880	1,272	1,664	1,774	1,911	2,247	2,535	2,935
Revenues from sales to advertisers.....	654	868	1,257	1,647	1,756	1,890	2,226	2,513	2,911
Network sales.....	45	54	49	59	60	73	82	110	126
National non-network sales.....	208	261	355	382	387	416	495	521	592
Local sales.....	401	553	853	1,205	1,309	1,401	1,639	1,873	2,192
Nonadvertising revenues.....	11	12	15	17	18	21	21	22	24
Broadcast revenues, net.....	598	793	1,137	1,502	1,603	1,725	2,019	2,275	2,635
AM and AM-FM <sup>2</sup> .....	592	777	1,077	1,348	1,410	1,480	1,687	1,848	2,065
FM independents.....	6	16	41	96	128	143	180	225	285
FM affiliates of AM stations.....	(NA)	(NA)	19	58	65	102	152	203	285
Networks <sup>3</sup> .....	63	74	88	112	116	134	166	213	236
Other stations.....	535	719	1,049	1,398	1,487	1,591	1,853	2,062	2,399
Broadcast expenses of networks and stations.....	552	715	1,044	1,392	1,519	1,638	1,841	2,028	2,324
AM and AM-FM <sup>2</sup> .....	544	696	973	1,227	1,315	1,384	1,529	1,642	1,827
FM independents.....	8	19	47	106	141	152	176	216	262
FM affiliates of AM stations.....	(NA)	(NA)	24	58	63	98	136	171	235
Networks <sup>3</sup> .....	66	71	90	109	116	128	157	165	193
Other stations.....	486	644	955	1,283	1,403	1,510	1,684	1,862	2,131
Broadcast income <sup>4</sup> .....	46	78	93	110	84	91	179	246	311
AM and AM-FM <sup>2</sup> .....	48	81	104	121	95	95	156	204	237
FM independents.....	-2	-3	-6	-11	-13	-9	4	9	24
FM affiliates of AM stations.....	(NA)	(NA)	-5	-1	2	5	17	32	50
Networks <sup>3</sup> .....	-3	3	-1	3	-	6	9	47	44
Other stations.....	49	75	94	107	84	85	170	200	267

- Represents zero.   NA Not available.   <sup>1</sup> For 1960 and 1965, reports combined with AM stations.   <sup>2</sup> Includes national networks.   <sup>3</sup> Includes owned and operated stations.   <sup>4</sup> Unrevised data; will not add to total.   <sup>5</sup> Before Federal income tax.

Source: U.S. Federal Communications Commission, *AM-FM Broadcast Financial Data*, annual.

# **NO. 994. RADIO AND TELEVISION STATIONS OWNED BY NEWSPAPERS AND/OR MAGAZINES: 1961 TO 1979**

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, Feb. 1 .....	402	248	191	1975, Dec. 1 .....	320	238	197
1965, Oct. 31 .....	391	170	174	1971, Dec. 1 .....	318	209	176	1976, Dec. 1 .....	322	238	209
1967, Nov. 1 .....	383	181	177	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

Source: Broadcasting Publications Inc., Washington, D.C., *Broadcasting Yearbook*. (Copyright.)

## **NO. 995. BROADCAST STATIONS SOLD—NUMBER AND VALUE: 1965 TO 1979**

[Value figures in millions of dollars. Includes a very small number of stations exchanged or donated to nonprofit organizations. Value figures represent total considerations reported for all transactions, except minority interest transfers in which control of the station did not change hands. All sales approved by the U.S. Federal Communications Commission]

ITEM	ANNUAL AVERAGE		1970	1972	1973	1974	1975	1976	1977	1978	1979
	1965- 1969	1970- 1974									
Number of stations sold: <sup>1</sup>											
Radio .....	346	300	268	239	352	369	363	413	344	586	546
Combined radio-TV <sup>2</sup> .....	20	3	6	-	4	5	-	2	-	6	52
TV .....	29	26	19	37	25	24	22	32	25	51	47
Value of sale transactions .....	165.4	275.6	174.8	271.3	230.3	307.8	259.5	290.9	289.9	651.7	1,116.6
Radio .....	74.5	131.2	86.3	114.4	160.9	169.0	131.1	180.7	161.2	331.6	335.6
Combined radio-TV .....	38.6	4.9	1.0	-	2.8	19.8	-	1.8	-	30.4	463.5
TV .....	52.3	139.5	87.5	156.9	66.6	119.0	128.4	108.5	128.7	289.7	317.5

- Represents zero. <sup>1</sup> Beginning 1978, AM-FM combination sales counted as two units, not one. <sup>2</sup> Estimated number of stations sold in deals involving both radio and TV.

Source: Broadcasting Publications, Inc., Washington, D.C., *Broadcasting Magazine*, weekly (copyright), and unpublished data.

## **NO. 996. COMMERCIAL BROADCAST STATIONS—STATES AND OTHER AREAS: 1970 AND 1979**

[Represents stations in operation as of Jan. 1]

STATE	1970			1979			STATE	1970			1979		
	AM	FM	TV	AM	FM	TV		AM	FM	TV	AM	FM	TV
<b>Total</b> .....	<b>4,256</b>	<b>2,044</b>	<b>683</b>	<b>4,511</b>	<b>3,036</b>	<b>743</b>	Mont .....	41	7	10	45	24	12
<b>U.S.</b> .....	<b>4,209</b>	<b>2,021</b>	<b>672</b>	<b>4,449</b>	<b>2,997</b>	<b>732</b>	Nebr .....	47	15	14	49	37	14
Ala .....	134	51	15	140	74	17	Nev .....	20	8	7	22	12	6
Alaska .....	18	3	7	22	11	7	N.H. ....	25	10	3	28	15	2
Ariz .....	59	15	11	61	31	13	N.J. ....	32	26	4	39	34	5
Ark .....	84	35	7	90	54	9	N. Mex. ..	55	19	7	57	29	9
Calif .....	231	145	50	232	204	54	N.Y. ....	157	91	27	161	119	30
Colo .....	67	26	11	72	51	12	N.C. ....	195	71	19	211	88	19
Conn .....	38	20	5	39	25	5	N. Dak .....	27	11	12	26	10	11
Del .....	10	4	-	10	7	-	Ohio .....	116	108	29	123	128	24
D.C. ....	6	6	6	7	9	5	Okla .....	64	35	9	67	53	12
Fla .....	191	88	24	199	115	31	Oreg .....	80	17	12	80	35	12
Ga .....	189	57	15	186	90	19	Pa .....	169	109	23	177	124	27
Hawaii .....	25	4	10	26	7	10	R.I. ....	15	7	2	15	7	2
Idaho .....	42	7	7	44	23	8	S.C. ....	101	37	11	108	56	11
Ill .....	121	92	24	127	132	23	S. Dak .....	29	6	10	33	18	11
Ind .....	83	72	17	86	95	20	Tenn .....	139	61	16	158	80	19
Iowa .....	73	35	12	76	75	13	Tex .....	285	122	55	289	197	58
Kans .....	57	24	12	59	45	12	Utah .....	31	10	3	35	20	4
Ky .....	102	60	10	121	87	11	Vt .....	18	4	2	19	12	2
La .....	90	41	15	95	64	15	Va .....	123	53	12	137	72	16
Maine .....	36	13	7	37	33	7	Wash .....	96	39	13	92	47	14
Md .....	52	31	5	50	37	6	W. Va. ....	58	23	9	63	34	9
Mass .....	62	38	11	66	39	12	Wis .....	97	74	17	102	92	17
Mich .....	124	76	20	128	117	24	Wyo .....	29	1	3	30	10	5
Minn .....	83	39	12	93	69	12	<b>Other areas</b> .....	<b>47</b>	<b>23</b>	<b>11</b>	<b>61</b>	<b>39</b>	<b>11</b>
Miss .....	99	34	9	106	72	10	P. Rico .....	43	21	8	54	34	8
Mo .....	104	41	21	111	78	24	Guam, V. Is ..	4	2	3	7	5	3

- Represents zero. <sup>1</sup> AM-FM stations which filed combined reports with the FCC are counted both as AM and as FM stations. There were 1,416 such stations in 1970 and 1,512 in 1978 (no count available for 1979).

Source: U.S. Federal Communications Commission, 1970, *AM-FM Broadcast Financial Data*, annual and *TV Broadcast Financial Data*, annual; 1979, unpublished data.

## No. 997. HOUSEHOLDS WITH TELEVISION SETS: 1950 TO 1980

[Excludes Alaska and Hawaii, 1970-1979, as of September of prior year; all other years, as of January of year shown]

ITEM	Unit	1950	1955	1960	1965	1970	1975	1977	1978	1979	1980
Total households.....	Mil.....	43.0	47.6	52.5	56.9	61.4	70.5	73.1	74.7	76.2	77.9
Households with TV sets.....	Mil.....	3.9	30.7	45.8	52.7	58.5	68.5	71.2	72.9	74.5	76.3
Percent of total.....	Percent.....	9.0	64.5	87.1	92.6	95.3	97.1	97.4	97.6	97.7	97.9
Average number of sets.....	Number.....	1.01	1.03	1.13	1.22	1.39	1.54	1.59	1.63	1.67	(NA)
Multiset households.....	Mil.....	(2)	.9	5.5	10.2	18.8	28.4	31.9	33.7	36.0	38.0
Color set households.....	Mil.....	-	(2)	.3	2.8	20.9	46.9	54.9	56.9	60.3	63.4
Average viewing per day <sup>1</sup> .....	Hours.....	4.6	4.9	5.1	5.5	5.9	6.1	6.2	6.3	6.3	6.3

- Represents zero. NA Not available. Z Less than 50,000. <sup>1</sup> Source: A. C. Nielsen Company, Northbrook, Ill. (copyright).

Source: Except as noted, 1950-1965, National Broadcasting Company, New York, N.Y.; thereafter, A. C. Nielsen Company, Northbrook, Ill. (copyright). In Television Bureau of Advertising, Inc., New York, "Trends in Television, 1950 To Date," April 1, 1980.

## No. 998. CABLE TELEVISION—SYSTEMS AND SUBSCRIBERS: 1952 TO 1980

YEAR (As of Jan. 1)	Systems	Subscribers (1,000)	YEAR (As of Jan. 1)	Systems	Subscribers (1,000)	SUBSCRIBER SIZE-GROUP <sup>1</sup>	Systems, 1979 <sup>2</sup>
1952.....	70	14	1972.....	2,841	6,000	50,000 and over.....	14
1955.....	400	150	1973.....	2,991	7,300	20,000-49,999.....	108
1960.....	640	650	1974.....	3,158	8,700	10,000-19,999.....	244
1965.....	1,325	1,275	1975.....	3,506	9,800	5,000-9,999.....	391
1967.....	1,770	2,100	1976.....	3,681	10,800	3,500-4,999.....	289
1968.....	2,000	2,800	1977.....	3,832	11,900	1,000-3,499.....	1,259
1969.....	2,260	3,600	1978.....	3,875	13,000	500-999.....	730
1970.....	2,490	4,500	1979.....	4,150	14,100	250-499.....	571
1971.....	2,639	5,300	1980.....	4,225	15,500	Less than 250.....	500

<sup>1</sup> Excludes 74 systems not available by subscriber size-group. <sup>2</sup> As of Oct. 15.Source: Television Digest, Inc., Washington, D.C., *Television Factbook*, annual. (Copyright.)

## No. 999. CABLE TELEVISION—SELECTED CHARACTERISTICS: 1975 TO 1978

[For fiscal year ending in December of year shown, except as noted. 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]

ITEM	Unit	1975 <sup>1</sup>	1976	1977	1978	ITEM	Unit	1975 <sup>1</sup>	1976	1977	1978
Communities.....	Number.....	6,265	7,198	8,369	8,200	Total assets.....	Mil. dol.....	2,132	2,516	2,450	2,871
Financial entities.....	Number.....	2,443	2,349	2,577	2,865	Operating revenues.....	Mil. dol.....	895	1,000	1,206	1,511
Percent reporting.....	Percent.....	80	84	90	90	Operating expenses.....	Mil. dol.....	567	616	717	918
Subscribers.....	1,000.....	9,863	12,636	12,832	14,114	Operating income.....	Mil. dol.....	328	384	489	593
Avg. subscriber rate.....	Dol.....	6.21	6.49	6.85	7.03	Net income <sup>2</sup> .....	Mil. dol.....	27	58	134	137
						Pay cable revenue.....	Mil. dol.....	(NA)	41	86	192

NA Not available. <sup>1</sup> For fiscal years ending between Nov. 1, 1975 and Oct. 31, 1976. <sup>2</sup> Before tax.Source: U.S. Federal Communications Commission, *Cable Television Revenues*, annual.

## No. 1000. PUBLIC TELEVISION STATIONS: 1961 TO 1978

[General programming is directed at the general community. Instructional programming is directed at students in the classroom or otherwise in the general context of formal education. 1978 preliminary]

ITEM	1961	1964	1966	1968	1970	1972	1974	1976	1978
Stations.....	56	88	115	<sup>1</sup> 153	<sup>1</sup> 190	220	<sup>2</sup> 238	<sup>3</sup> 253	272
Total weekly broadcast hours.....	2,186	3,715	5,688	8,534	12,217	15,587	18,321	22,095	25,599
General programs.....	1,431	1,992	3,248	4,671	7,697	7,904	10,868	14,329	17,507
Percent of total hours.....	65.5	54.0	57.5	54.7	63.0	50.7	59.3	64.8	68.4
Instructional programs.....	755	1,723	2,440	3,863	4,520	7,683	<sup>4</sup> 7,453	<sup>5</sup> 7,766	<sup>5</sup> 8,092
Avg. wkly. broadcast hours per station.....	39.0	42.3	49.5	56.1	65.3	70.9	80.7	90.9	94.1
General programming.....	25.6	22.6	28.2	30.7	41.1	36.0	47.9	59.0	64.1
Instructional programming.....	13.8	19.6	21.2	25.4	24.2	34.9	<sup>6</sup> 32.8	<sup>6</sup> 31.9	<sup>6</sup> 29.8

<sup>1</sup> 152 stations reported in 1968 and 187 in 1970; details include data for reporting stations only. <sup>2</sup> Includes data for 227 stations only, representing 147 primary broadcasters; does not include secondary broadcasters. <sup>3</sup> Includes data for 243 stations only, representing 151 primary broadcasters. <sup>4</sup> Includes 3,766 hours of CTW (children's TV workshop) broadcasting, representing 20.6 percent of total weekly broadcasting hours. <sup>5</sup> Includes all material from CTW's. <sup>6</sup> Includes 16.6 hours of CTW broadcasting.Source: Through 1970, National Instructional Television Center, Bloomington, Ind., *One Week of Educational Television, 1970* (copyright); 1972, Corporation for Public Broadcasting, Washington, D.C., *One Week of Public TV, April 1972*; and unpublished data.

## NO. 1001. PUBLIC BROADCASTING SYSTEMS—INCOME BY SOURCE: 1972 TO 1979

[In millions of dollars, except percent. Fiscal year data. Beginning 1976 includes nonbroadcast income]

INCOME SOURCE	1972	1973	1974	1975	1976	1977	1978	1979 <sup>1</sup>	PERCENT DISTRIBUTION		
									1972	1975	1979
<b>Total income</b> .....	<b>234.3</b>	<b>254.8</b>	<b>290.4</b>	<b>364.8</b>	<b>433.3</b>	<b>482.1</b>	<b>552.3</b>	<b>598.8</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Federal government.....	59.8	55.6	67.0	92.3	130.1	135.3	160.8	163.1	25.5	25.3	27.2
State and local government.....	107.7	127.3	139.1	156.6	175.9	191.3	218.2	241.0	46.0	42.9	40.3
Subscribers and auction.....	17.6	25.4	31.6	42.3	54.4	63.7	75.2	86.1	7.5	11.6	14.4
Business and industry.....	( <sup>2</sup> )	9.6	15.6	21.0	29.4	40.0	49.0	57.9	( <sup>3</sup> )	5.8	9.7
Foundations.....	25.1	20.2	18.4	28.7	23.0	22.6	17.2	20.4	10.7	7.8	3.4
Other.....	<sup>3</sup> 24.1	16.7	18.7	23.8	20.5	29.3	32.0	30.2	<sup>2</sup> 10.3	6.6	5.0

<sup>1</sup> Preliminary. <sup>2</sup> Includes transition quarter. <sup>3</sup> Business and industry included in other.

Source: Corporation for Public Broadcasting, Washington, D.C., unpublished data.

## NO. 1002. RADIOS AND TELEVISION SETS—PRODUCTION AND IMPORTS, BY MODEL: 1960 TO 1979

[In thousands, except percent]

ITEM	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979
<b>RADIOS<sup>1</sup></b>											
<b>Total</b> .....	<b>24,463</b>	<b>41,726</b>	<b>44,427</b>	<b>55,311</b>	<b>50,198</b>	<b>43,992</b>	<b>34,515</b>	<b>44,101</b>	<b>52,926</b>	<b>48,035</b>	<b>40,029</b>
Percent FM/AM-FM.....	(NA)	15.2	48.0	49.2	47.9	59.4	65.0	59.6	65.9	66.7	68.6
Table model.....	4,511	4,370	5,714	4,926	3,023	2,764	2,253	2,876	1,990	1,805	1,250
Percent FM/AM-FM.....	16.8	32.0	72.8	77.0	83.6	81.7	80.6	86.4	54.5	61.3	72.5
Clock model.....	3,780	5,448	4,874	7,474	10,425	9,174	6,641	7,353	11,447	11,488	9,354
Percent FM/AM-FM.....	4.1	16.0	53.8	72.3	72.7	79.1	89.1	85.8	89.4	92.3	93.4
Portable model.....	9,740	21,871	23,461	29,749	24,204	21,292	16,382	21,427	26,599	22,074	17,044
Percent FM/AM-FM.....	1.4	15.7	55.9	50.1	42.9	61.9	68.4	55.4	61.4	59.0	63.7
Auto model.....	6,432	10,037	10,378	13,162	12,546	10,762	9,239	12,445	12,890	12,658	12,381
Percent FM/AM-FM.....	(NA)	6.3	13.8	23.7	28.3	31.8	37.7	49.7	56.0	57.7	56.1
<b>TELEVISION SETS<sup>2</sup></b>											
<b>Total</b> .....	<b>5,708</b>	<b>11,028</b>	<b>9,483</b>	<b>13,507</b>	<b>17,367</b>	<b>15,279</b>	<b>10,637</b>	<b>14,131</b>	<b>15,431</b>	<b>17,407</b>	<b>16,619</b>
<b>Monochrome sets</b> .....	<b><sup>3</sup> 5,708</b>	<b><sup>3</sup> 8,382</b>	<b>4,852</b>	<b>5,600</b>	<b>7,296</b>	<b>8,668</b>	<b>4,418</b>	<b>5,937</b>	<b>6,090</b>	<b>6,733</b>	<b>6,576</b>
Table and portable.....	3,274	6,956	4,463	5,341	7,049	6,732	4,354	5,663	6,033	6,706	6,559
Console.....	2,211	1,318	389	259	247	136	64	74	57	27	17
<b>Color sets<sup>3</sup></b> .....	<b>(NA)</b>	<b>2,646</b>	<b>4,631</b>	<b>7,907</b>	<b>10,071</b>	<b>8,411</b>	<b>6,219</b>	<b>6,194</b>	<b>9,341</b>	<b>10,674</b>	<b>10,043</b>
Table and portable.....	(NA)	(NA)	4,421	6,700	5,698	4,186	5,785	6,722	7,913	7,727	7,727
Console.....	(NA)	(NA)	2,018	3,106	3,313	2,674	2,008	2,377	2,591	2,739	2,295

- Represents zero. NA Not available. <sup>1</sup> Products of U.S. manufacturers and imports by distributors or dealers for resale. Beginning 1972, also includes products purchased by U.S. manufacturers. <sup>2</sup> 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. <sup>3</sup> Includes combinations, not shown separately.

Source: Electronic Industries Association, Washington, D.C., *Electronic Market Data Book*, annual. (Copyright.)

## NO. 1003. 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 <sup>1</sup> (1,000).....	336	349	349	79	87	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 <sup>2</sup> .....	4,185	6,220	9,519	1,869	2,110	3,763	1,457	1,936	3,262
New capital expenditures.....	247	360	478	58	57	79	55	48	80
Fixed assets, gross value.....	2,627	3,638	(NA)	607	588	(NA)	338	512	(NA)
Inventories, yearend.....	163	153	382	165	198	350	573	629	992

NA Not available. <sup>1</sup> Represents the average number of production workers plus the number of other employees in mid-March. <sup>2</sup> 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 77-1-27A.



## No. 1004. NEWSPAPERS AND PERIODICALS: 1950 TO 1980

[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]

FREQUENCY OF PUBLICATION	1950	1955	1960	1965	1970	1975	1976	1977	1978	1979	1980
<b>Newspapers</b>	<b>12,115</b>	<b>11,415</b>	<b>11,315</b>	<b>11,383</b>	<b>11,383</b>	<b>11,400</b>	<b>11,298</b>	<b>11,089</b>	<b>10,538</b>	<b>9,827</b>	<b>9,620</b>
Semiweekly	337	324	324	357	423	506	511	550	569	543	537
Weekly	9,794	9,126	8,979	8,989	8,903	8,824	8,735	8,506	7,980	7,357	7,159
Daily	1,894	1,860	1,854	1,843	1,838	1,819	1,813	1,811	1,783	1,744	1,744
Other	90	105	158	194	219	251	239	225	206	183	180
<b>Periodicals</b>	<b>6,960</b>	<b>7,648</b>	<b>8,422</b>	<b>8,990</b>	<b>9,573</b>	<b>9,657</b>	<b>9,872</b>	<b>9,732</b>	<b>9,582</b>	<b>9,719</b>	<b>10,236</b>
Weekly	1,443	1,602	1,580	1,716	1,856	1,918	1,915	1,882	1,827	1,764	1,716
Semimonthly <sup>2</sup>	416	503	527	550	589	537	557	548	541	594	645
Monthly	3,694	3,782	4,113	4,195	4,314	4,087	4,144	4,019	3,846	3,850	3,985
Bi-monthly	436	608	743	876	957	1,009	1,058	1,045	1,031	1,043	1,114
Quarterly	604	674	895	1,030	1,108	1,093	1,161	1,149	1,172	1,261	1,444
Other	367	479	564	623	749	1,013	1,037	1,089	1,165	1,207	1,332

<sup>1</sup> Due to processing errors, detail will not add to total. <sup>2</sup> Includes fortnightly (every two weeks).

Source: Ayer Press, Bala Cynwyd, Pa., *Ayer Directory Publications*, annual. (Copyright.)

## No. 1005. DAILY AND SUNDAY NEWSPAPERS—NUMBER AND CIRCULATION, 1950 TO 1979, AND BY CIRCULATION SIZE-GROUP: 1970 TO 1979

[Prior to 1960, excludes Alaska and Hawaii. Number of newspapers as of the following dates: 1950–1960, Oct. 1; 1965, Jan. 1; 1970–1979, Feb. 1 of the following year. Circulation figures as of Sept. 30 except, 1950–1965 as of Oct. 1. For English language newspapers only]

CIRCULATION SIZE-GROUP	NUMBER OF NEWSPAPERS				CIRCULATION (mill.)				PERCENT OF ALL NEWSPAPERS			
	Daily			Sun-day	Daily			Sun-day	Number		Circulation <sup>2</sup>	
	Total <sup>1</sup>	Morn-ing	Eve-ning		Total <sup>1</sup>	Morn-ing	Eve-ning		Total daily	Sun-day	Total daily	Sun-day
1950	1,772	322	1,450	549	53.8	21.3	32.6	46.6	(x)	(x)	(x)	(x)
1955	1,760	316	1,454	541	56.1	22.2	34.0	46.4	(x)	(x)	(x)	(x)
1960	1,763	312	1,459	563	58.9	24.0	34.9	47.7	(x)	(x)	(x)	(x)
1965	1,751	320	1,444	562	60.4	24.1	36.3	48.6	(x)	(x)	(x)	(x)
1970, total	1,748	334	1,429	586	62.1	25.9	36.2	49.2	(x)	(x)	(x)	(x)
500,001 and over	11	7	4	17	8.8	6.4	2.4	15.1	.6	2.9	14.1	30.6
250,001–500,000	27	11	16	34	9.5	4.2	5.4	11.7	1.5	5.8	15.3	23.7
100,001–250,000	92	45	47	62	14.7	7.6	7.1	9.8	5.3	10.6	23.6	19.9
50,001–100,000	127	57	70	82	8.4	3.7	4.7	5.7	7.3	14.0	13.5	11.5
25,001–50,000	243	69	179	104	8.6	2.4	6.2	3.8	13.9	17.7	13.8	7.7
10,001–25,000	489	76	422	146	7.9	1.2	6.6	2.4	28.0	24.9	12.6	4.8
10,000 or less	759	69	691	141	4.3	.4	3.9	.8	43.4	24.1	7.0	1.7
1975, total	1,756	339	1,436	639	60.7	25.5	35.2	51.1	100.0	100.0	100.0	100.0
500,001 and over	10	7	3	15	7.7	6.0	1.7	13.5	.6	2.3	12.7	26.5
250,001–500,000	26	14	13	34	9.1	4.8	4.3	11.7	1.5	5.3	15.1	22.8
100,001–250,000	81	40	41	65	12.8	6.5	6.4	10.6	4.6	10.2	21.2	20.7
50,001–100,000	135	62	75	89	9.1	4.0	5.1	6.2	7.7	13.9	14.9	12.2
25,001–50,000	259	70	196	132	9.2	2.5	6.7	5.5	14.7	20.7	15.2	10.7
10,001–25,000	511	77	441	167	8.3	1.3	7.0	2.8	29.1	26.1	13.8	5.4
10,000 or less	734	69	667	137	4.4	.4	4.0	.9	41.8	21.4	7.2	1.7
1978, total	1,756	355	1,419	696	62.0	27.7	34.3	54.0	100.0	100.0	100.0	100.0
500,001 and over	10	8	3	19	8.2	6.5	1.6	16.3	.6	2.7	13.2	30.2
250,001–500,000	26	14	12	29	8.8	4.9	3.9	9.8	1.5	4.2	14.3	18.1
100,001–250,000	90	48	45	71	13.8	7.5	6.3	11.7	5.1	10.2	22.2	21.7
50,001–100,000	142	71	77	98	9.3	4.5	4.7	6.9	8.1	14.1	15.0	12.8
25,001–50,000	271	75	202	146	9.5	2.6	6.9	5.3	15.4	21.0	15.3	9.8
10,001–25,000	519	66	455	191	8.2	1.1	7.1	3.1	29.6	27.4	13.2	5.7
10,000 or less	698	73	625	142	4.2	.5	3.8	.9	38.7	20.4	6.8	1.7
1979, total	1,763	382	1,405	720	62.2	28.6	33.6	54.4	100.0	100.0	100.0	100.0
500,001 and over	11	9	3	19	9.5	7.8	1.7	15.8	.6	2.6	15.2	29.1
250,001–500,000	24	12	14	31	8.0	3.8	4.2	10.4	1.4	4.3	12.8	19.1
100,001–250,000	88	49	43	72	13.3	7.6	5.7	11.6	5.0	10.0	21.5	21.4
50,001–100,000	142	72	77	99	9.3	4.6	4.7	6.9	8.1	13.8	15.0	12.7
25,001–50,000	276	83	200	148	9.7	2.9	6.8	5.5	15.7	20.6	15.5	10.0
10,001–25,000	526	80	449	198	8.2	1.3	6.9	3.2	29.8	27.5	13.3	5.9
10,000 or less	696	77	619	153	4.2	.5	3.7	1.0	39.5	21.3	6.7	1.8

X Not applicable. <sup>1</sup> All-day newspapers are counted in both morning and evening columns in their size-group but only once in total. Circulation is divided equally between morning and evening. <sup>2</sup> Percents calculated on gross totals.

Source: Editor & Publisher Co., Inc., New York, N.Y., *Editor & Publisher International Year Book*, annual (copyright).

**NO. 1006. DAILY AND SUNDAY NEWSPAPERS—NUMBER AND CIRCULATION, 1970 TO 1979, AND BY STATES, 1979**

[Number of newspapers as of Feb. 1 of the following year, except 1977, as of Mar. 30 of the following year. Circulation figures as of Sept. 30. For English language newspapers only. See also *Historical Statistics, Colonial Times to 1970*, series R 224-231]

YEAR AND STATE	DAILY			SUNDAY		YEAR AND STATE	DAILY			SUNDAY	
	Number	Circulation		Number	Net paid circulation (1,000)		Number	Circulation		Number	Net paid circulation (1,000)
		Net paid (1,000)	Per capita <sup>1</sup>					Net paid (1,000)	Per capita <sup>1</sup>		
1970 .....	1,748	62,108	.416	586	49,217	Mass .....	48	2,036	.435	9	1,514
1972 .....	1,761	62,510	.401	603	49,339	Mich .....	52	2,458	.342	17	2,363
1973 .....	1,774	63,147	.399	634	51,717	Minn .....	30	1,042	.325	11	1,026
1974 .....	1,768	61,877	.384	641	51,679	Miss .....	25	403	.221	13	325
1975 .....	1,756	60,655	.370	639	51,096	Mo .....	52	1,639	.422	18	1,160
1976 .....	1,762	60,977	.367	650	51,565	Mont .....	11	196	.320	8	197
1977 .....	1,753	61,495	.364	668	52,429	Nebr .....	19	492	.395	5	391
1978 .....	1,756	61,990	.362	696	53,990	Nev .....	9	204	.372	5	202
1979 .....	1,763	62,223	.358	720	54,380	N.H. ....	9	194	.276	2	75
						N.J. ....	28	1,729	.294	15	1,487
Ala .....	27	747	.253	20	686	N. Mex .....	20	267	.285	13	246
Alaska .....	8	103	.349	1	54	N.Y. ....	79	7,688	.542	35	6,119
Ariz .....	19	601	.320	6	543	N.C. ....	53	1,363	.310	23	1,112
Ark .....	33	482	.283	15	467	N. Dak .....	10	197	.383	3	107
Calif .....	122	5,935	.328	48	5,551	Ohio .....	96	3,337	.395	28	2,544
Colo .....	28	880	.405	9	888	Okla .....	55	879	.385	46	886
Conn .....	25	923	.365	7	678	Oreg .....	22	685	.342	5	587
Del .....	3	159	.346	2	135	Pa .....	104	3,912	.413	16	3,046
D.C. ....	2	922	1,740	2	1,123	R.I. ....	7	315	.419	2	236
Fla .....	52	2,551	.353	34	2,640	S.C. ....	20	598	.265	8	484
Ga .....	36	1,046	.265	17	1,025	S. Dak .....	13	173	.322	4	124
Hawaii .....	5	239	.338	2	218	Tenn .....	32	1,109	.321	16	1,025
Idaho .....	15	208	.306	6	172	Tex .....	119	3,399	.331	94	3,838
Ill .....	86	2,885	.327	22	2,823	Utah .....	6	273	.284	5	277
Ind .....	78	1,640	.389	18	1,188	Vt .....	8	115	.297	3	73
Iowa .....	41	894	.388	9	749	Va .....	33	1,087	.262	13	839
Kans .....	50	633	.335	17	477	Wash .....	26	1,180	.379	18	1,113
Ky .....	27	767	.279	11	607	W. Va .....	25	475	.322	9	402
La .....	27	852	.279	15	807	Wis .....	37	1,243	.332	9	911
Maine .....	9	287	.332	1	117	Wyo .....	10	93	.270	3	60
Md .....	13	687	.207	4	663						

<sup>1</sup> Persons 14 years old and over. Per capita based on total resident population enumerated as of April 1, 1970, and estimated as of July 1 for other years.

Source: Editor & Publisher Co., Inc., New York, N.Y., *Editor & Publisher International Year Book*, annual. (Copyright.)

**NO. 1007. NEWSPRINT CONSUMPTION AND NEWSPAPER PAGES: 1960 TO 1979**

[Consumption data based on a 30-lb. weight. In 1974, a number of newsprint producers reduced the basic weight of newsprint from 32 pounds, for 500 sheets measuring 24" by 36", to 30 pounds. Data prior to 1974 have been adjusted for comparability. See table 1305 for additional newsprint data. See also *Historical Statistics, Colonial Times to 1970*, series R 218-223]

ITEM	Unit	1960	1965	1970	1974	1975	1976	1977	1978	1979
<b>Newsprint consumption, total <sup>1</sup></b> .....	Mill. sh. tons .....	7.0	8.0	9.1	10.3	9.3	9.6	10.2	10.9	<sup>2</sup> 11.2
Per capita <sup>3</sup> .....	Pound .....	77.4	82.8	89.5	97.3	86.9	89.5	94.5	99.7	102.1
By newspapers <sup>4</sup> .....	Mill. sh. tons .....	6.5	7.4	8.5	9.6	8.6	8.9	9.5	10.2	10.5
Advertising content <sup>5</sup> .....	Percent .....	59.4	60.5	61.5	65.6	63.7	63.5	<sup>7</sup> 63.1	<sup>7</sup> 63.4	<sup>7</sup> 63.7
Other content <sup>5</sup> .....	Percent .....	40.6	39.5	38.5	34.4	36.3	36.5	<sup>7</sup> 36.9	<sup>7</sup> 36.6	<sup>7</sup> 36.3
Price per ton <sup>6</sup> .....	Dollar .....	135	135	152	234	260	285	305	320	375
<b>Newspaper pages per issue: <sup>7</sup></b>										
Daily .....	Number .....	43	50	47	60	57	55	54	<sup>5</sup> 60	<sup>5</sup> 64
Sunday .....	Number .....	142	167	145	188	180	177	177	<sup>5</sup> 196	<sup>5</sup> 207

<sup>1</sup> Estimated. <sup>2</sup> Preliminary. <sup>3</sup> Based on U.S. Bureau of the Census estimated resident population as of July 1.

<sup>4</sup> Estimated. Source: Bureau of Industrial Economics, unpublished data. <sup>5</sup> Based on data from Media Records, Inc.

<sup>6</sup> Prices in the eastern U.S. <sup>7</sup> Source: Editor & Publisher Co., Inc., New York, N.Y., *Editor & Publisher*, weekly (copyright).

Source: Except as noted, American Newspaper Publishers Association, Reston, Va., *Newsprint Statistics*, annual.

## NO. 1008. NEWSPAPERS AND PERIODICALS—CIRCULATION AND RECEIPTS: 1967 TO 1977

(Receipts in millions of dollars. See also *Historical Statistics, Colonial Times to 1970*, series R 244-257)

TYPE OF PUBLICATION	1967			1972			1977		
	Circulation per issue <sup>1</sup> (1,000)	Receipts		Circulation per issue <sup>1</sup> (1,000)	Receipts		Circulation per issue <sup>1</sup> (1,000)	Receipts	
		Total	Advertising		Total	Advertising		Total	Advertising
<b>Newspapers, total<sup>2</sup></b> .....	(NA)	<sup>3</sup> 5,550	<sup>3</sup> 3,896	(NA)	<sup>3</sup> 7,908	<sup>3</sup> 5,600	(NA)	<sup>3</sup> 12,468	<sup>3</sup> 8,875
Daily and Sunday .....	(NA)	<sup>3</sup> 4,962	<sup>3</sup> 3,653	(NA)	<sup>3</sup> 6,961	<sup>3</sup> 5,214	(NA)	<sup>3</sup> 10,702	<sup>3</sup> 8,141
Morning <sup>4</sup> .....	3,442	206	135	3,770	280	184	4,447	430	281
Evening <sup>4</sup> .....	14,446	909	684	12,917	1,021	748	12,171	1,260	933
Morning and Sunday .....	31,623	1,301	951	31,726	1,806	1,341	31,614	2,700	2,021
Evening and Sunday .....	31,552	1,055	780	30,357	1,641	1,254	31,321	2,551	1,975
Morning and evening <sup>4</sup> .....	651	41	31	765	63	45	549	59	44
Morning, evening, and Sunday .....	36,942	1,443	1,065	37,406	2,138	1,634	41,359	3,665	2,861
Weekly and other .....	(NA)	321	243	(NA)	493	386	(NA)	975	735
Weekly <sup>5</sup> .....	( <sup>6</sup> )	248	182	( <sup>6</sup> )	377	291	39,007	677	480
<b>Periodicals, total</b> .....	(NA)	<sup>3</sup> 2,668	<sup>3</sup> 1,547	(NA)	<sup>3</sup> 3,197	<sup>3</sup> 1,693	(NA)	<sup>3</sup> 5,529	(NA)
Farm .....	12,115	57	46	13,103	76	62	(NA)	107	(NA)
General .....	10,219	41	32	11,092	49	38	(S)	61	(NA)
Specialized .....	1,896	16	14	2,011	27	23	(S)	44	(NA)
Specialized .....	(NA)	<sup>3</sup> 675	<sup>3</sup> 525	(NA)	<sup>3</sup> 910	<sup>3</sup> 648	(S)	1,301	850
Industrial, engineering, technical .....	<sup>7</sup> 12,952	353	308	17,609	359	280	(S)	1,301	850
Merchandising .....	(NA)	145	121	(S)	297	215			
Professional, institutional, service .....	<sup>7</sup> 8,303	159	87	11,924	250	152	(S)		
General <sup>8</sup> .....	(NA)	1,473	880	(NA)	1,729	896	(S)	3,376	1,596
Comics .....	15,178	9	(Z)	(S)	(D)	(D)	(S)	35	2
Women and home services .....	74,541	362	245	(S)	488	295	367,212	869	487
General entertainment .....	136,567	847	457	(S)	855	374	152,642	1,650	708
General news .....	9,652	204	146	19,605	323	212	15,433	554	294
Business news .....	1,409	40	25	1,489	33	12	2,016	(D)	(D)
Other .....	<sup>7</sup> 127,215	284	97	(S)	282	88	(S)	269	(D)

D Withheld to avoid disclosing figures for individual companies. NA Not available. S Does not meet publication standards. Z Less than \$500,000. <sup>1</sup> Includes paid, free bulk, etc. "Issue" defined as the sum of all editions published on a given day. Figures are totals of average circulation per issue. <sup>2</sup> Includes foreign language newspapers.

<sup>3</sup> Includes types or amounts not specified by kind. <sup>4</sup> No Sunday editions. <sup>5</sup> Includes those issued on Sunday only. <sup>6</sup> Not shown because not reported by many small newspapers. <sup>7</sup> Partially estimated. <sup>8</sup> Includes types not specified.

Source: U.S. Bureau of the Census, *Census of Manufactures: 1967*, vol. II, part 2; *Census of Manufactures: 1972*, Bulletin No. MC 72(2)-27A, and *Census of Manufactures: 1977*, series MC 77 (1)-27A.

## NO. 1009. NEWSPAPERS, PERIODICALS, BOOK PUBLISHING AND PRINTING—NUMBER OF COMPANIES, AND SHARE OF TOTAL SHIPMENTS BY LARGEST FIRMS: 1947 TO 1972

(Prior to 1967, excludes Alaska and Hawaii. Largest companies are ranked by value added by manufacture)

ITEM	NEWSPAPERS					PERIODICALS				
	1947	1958	1963	1967	1972	1947	1958	1963	1967	1972
Number of companies (1,000) .....	8.1	7.9	8.0	7.6	7.5	2.1	2.2	2.6	2.4	2.5
Value of shipments (bil. dol.) .....	1.9	3.6	4.5	5.8	8.3	1.1	1.7	2.3	3.1	3.5
Percent accounted for by:										
4 largest companies .....	21	17	15	16	17	34	31	28	24	26
8 largest companies .....	26	24	22	25	28	43	41	42	37	38
20 largest companies .....	36	35	36	40	43	58	55	59	56	54
50 largest companies .....	(NA)	51	52	56	60	(NA)	69	73	72	69
	BOOK PUBLISHING					BOOK PRINTING				
Number of companies (1,000) .....	.6	.9	.9	1.0	1.1	(NA)	.8	.7	.7	.7
Value of shipments (bil. dol.) .....	.5	1.0	1.5	2.1	2.9	(NA)	.4	.5	.8	.9
Percent accounted for by:										
4 largest companies .....	18	16	20	20	19	(NA)	24	19	21	24
8 largest companies .....	29	29	33	32	31	(NA)	34	30	30	36
20 largest companies .....	48	48	56	57	56	(NA)	51	48	48	53
50 largest companies .....	(NA)	69	76	77	77	(NA)	68	66	64	68

NA Not available.

Source: U.S. Bureau of the Census, *Census of Manufactures, 1972*, special report, *Concentration Ratios in Manufacturing*, MC 72 (SR)-2.

## No. 1010. COPYRIGHT REGISTRATION, BY SUBJECT MATTER: 1960 TO 1979

[In thousands. For years ending June 30 except beginning 1977, 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	1960	1970	1975	1977	SUBJECT MATTER OF COPYRIGHT	1978 <sup>2</sup>	1979
<b>Total</b> .....	<b>243.9</b>	<b>316.5</b>	<b>401.3</b>	<b>452.7</b>	<b>Total</b> <sup>3</sup> .....	<b>415.7</b>	<b>429.0</b>
Books.....	60.0	88.4	111.9	122.1	Monographs.....	112.9	122.8
Periodicals (issues).....	64.2	83.9	95.1	106.5	Serials.....	110.9	109.6
Contributions to newspapers, periodicals.....	3.3	1.9	2.6	3.4	Musical works.....	114.8	108.3
Lectures, sermons, addresses.....	.8	1.7	1.9	2.0	Dramatic works, including any accompanying music.....	6.1	7.1
Dramatic or dramatico-musical compositions.....	2.4	3.4	4.9	5.5	Choreography and pantomimes.....	(2)	(2)
Musical compositions.....	65.6	88.9	114.8	131.2	Motion pictures and filmstrips.....	8.5	5.7
Maps.....	1.8	1.9	1.8	1.8	Two dimensional works of fine and graphic art, including, prints and art reproductions.....	12.8	12.7
Works of art, models, or designs.....	5.3	6.8	11.0	13.7	Sculptural works.....	.8	2.4
Reproductions of works of art.....	2.5	3.0	5.0	4.4	Technical drawings and models.....	1.0	1.5
Scientific or technical drawings.....	.8	.8	.9	1.4	Photographs.....	1.4	1.2
Photographs, prints, and illustrations.....	4.2	4.5	6.6	8.9	Cartographic works.....	1.2	1.7
Commercial prints and labels.....	8.1	5.3	4.7	5.0	Commercial prints and labels.....	7.8	2.6
Motion picture photoplays.....	2.8	1.2	1.0	2.6	Works of applied art.....	6.1	13.2
Motion pictures not photoplays.....	.7	1.3	2.0	2.6	Sound recordings.....	9.1	10.7
Sound recordings <sup>1</sup> .....	(x)	(x)	8.9	10.6	Multimedia works.....	.6	1.3
Renewals of all classes.....	21.4	23.3	28.2	31.0	Machine readable works.....	.6	1.2
					Renewals.....	21.2	27.0

X Not applicable. Z Less than 50. <sup>1</sup> Registrations began in 1972. <sup>2</sup> Extrapolated from 11 months. Includes 50,000 registrations in-process but not completed on Sept. 30, 1978. <sup>3</sup> 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. 1011. QUANTITY OF BOOKS SOLD AND VALUE OF U.S. DOMESTIC CONSUMER EXPENDITURES, BY TYPE OF PUBLICATION AND BY MARKET AREA: 1974 TO 1978

[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	1975	1976	1977	1978	1974	1975	1976	1977	1978
<b>Total</b> .....	<b>1,409.4</b>	<b>1,394.8</b>	<b>1,391.8</b>	<b>1,514.0</b>	<b>1,593.6</b>	<b>4,011.5</b>	<b>4,496.7</b>	<b>5,022.7</b>	<b>5,728.9</b>	<b>6,536.7</b>
TYPE OF PUBLICATION										
Trade.....	264.2	241.4	251.8	277.2	312.4	885.2	958.7	1,039.1	1,227.8	1,440.7
Adult.....	174.7	164.5	173.4	191.8	213.6	707.2	763.8	841.1	1,010.9	1,194.2
Hardbound.....	95.6	87.9	95.7	107.8	123.3	536.7	552.3	612.7	736.6	865.5
Juvenile.....	89.5	78.9	78.4	85.4	98.8	178.0	194.9	198.0	216.9	246.5
Hardbound.....	52.9	50.8	45.1	47.5	50.4	154.1	166.8	164.9	174.9	185.1
Religious.....	67.0	80.8	92.3	106.0	111.7	224.4	290.1	340.8	398.5	425.0
Hardbound.....	29.6	34.8	38.9	43.5	43.6	170.3	214.0	241.4	279.0	294.5
Professional.....	47.2	44.0	47.3	50.2	50.4	447.8	493.4	566.3	647.9	776.8
Hardbound.....	24.6	23.8	25.7	27.8	28.0	339.8	379.7	441.6	511.1	614.6
Bookclubs.....	193.1	187.5	205.6	210.9	230.3	280.1	311.3	358.9	394.1	451.7
Hardbound.....	58.1	56.4	59.2	57.0	60.0	209.9	235.3	265.2	284.8	324.0
University Press.....	8.1	7.8	8.2	7.4	8.0	47.6	52.5	56.9	59.1	66.5
Hardbound.....	4.0	3.8	3.6	3.5	3.6	38.1	41.3	44.1	44.0	49.1
Elhi text <sup>1</sup> .....	268.3	254.4	239.3	244.9	248.6	603.5	656.0	654.6	731.5	807.6
Hardbound.....	107.7	102.1	84.9	90.9	90.7	340.0	379.4	352.3	400.6	434.9
College text <sup>1</sup> .....	84.1	84.3	84.3	84.2	88.7	508.0	610.2	669.4	723.7	829.6
Hardbound.....	57.0	58.5	58.3	54.7	56.3	400.9	486.4	533.9	554.9	632.4
Mail order publications.....	30.1	32.9	39.8	40.1	43.5	258.9	297.2	379.4	405.7	453.0
Mass market paperbacks.....	446.0	460.8	422.2	492.2	499.0	493.7	587.5	680.2	859.3	959.3
Subscription reference.....	1.2	1.0	1.1	1.0	1.1	282.3	239.8	267.1	281.3	326.5
MARKET AREA										
General retailers.....	491.4	497.0	516.0	594.8	641.0	1,167.0	1,355.7	1,568.7	1,867.2	2,162.7
College stores.....	183.4	176.5	178.8	194.1	197.3	695.7	812.3	911.2	1,048.6	1,196.2
Libraries and institutions.....	72.4	72.8	74.8	78.9	83.7	332.7	385.9	429.5	480.8	550.4
Schools.....	346.2	329.9	299.2	315.6	320.4	775.6	827.8	834.3	939.6	1,038.1
Direct to consumers.....	266.5	258.3	287.0	299.2	317.2	975.1	1,023.0	1,208.8	1,312.5	1,495.8
Other.....	49.5	60.3	36.0	31.3	34.1	65.1	92.2	70.0	80.4	93.6

<sup>1</sup> Workbooks, manuals, reprints, and objective tests included in paperbound.

Source: Book Industry Study Group, Inc., *Book Industry Trends*, 1979. (Copyright.)

## No. 1012. NEW BOOKS AND NEW EDITIONS PUBLISHED, BY SUBJECT: 1960 TO 1979

[Prior to 1977, book entries comprise all titles submitted for listing in Bowker's *Weekly Record* during calendar year. Beginning 1977, 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 (published 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	1977	1978	1979		
							Total	New books	New editions
<b>Total</b> .....	<b>15,012</b>	<b>28,595</b>	<b>36,071</b>	<b>39,372</b>	<b>42,780</b>	<b>41,216</b>	<b>45,182</b>	<b>36,112</b>	<b>9,070</b>
Agriculture .....	156	270	265	456	594	552	538	432	106
Art .....	470	974	1,169	1,561	1,795	1,483	2,021	1,718	303
Biography .....	879	685	1,536	1,968	2,104	1,891	2,042	1,557	485
Business .....	305	537	797	820	1,077	1,248	1,362	1,057	305
Education .....	348	954	1,178	1,038	1,194	1,063	1,121	952	169
Fiction .....	2,440	3,241	3,137	3,805	3,681	3,693	3,264	2,313	951
General reference .....	282	634	846	1,113	1,448	1,310	1,471	1,248	223
History .....	865	1,682	1,995	1,823	2,022	2,016	2,160	1,546	614
Home economics .....	197	300	321	728	795	845	897	767	130
Juvenile .....	1,725	2,895	2,640	2,292	2,918	2,909	3,052	2,704	348
Language .....	228	527	472	438	556	458	560	435	125
Law .....	394	436	604	915	948	1,065	1,218	873	345
Literature .....	736	1,686	3,085	1,904	1,866	1,800	1,749	1,298	451
Medicine .....	520	1,218	1,476	2,282	2,833	2,788	3,257	2,609	648
Music .....	98	800	404	305	373	439	389	219	170
Philosophy, psychology .....	480	979	1,280	1,374	1,372	1,367	1,377	1,082	295
Poetry, drama .....	492	994	1,474	1,501	1,437	1,297	1,361	1,084	277
Religion .....	1,104	1,855	1,788	1,778	2,121	2,180	2,325	1,861	464
Science .....	1,089	2,582	2,358	2,942	3,015	2,877	3,156	2,563	593
Sociology, economics .....	754	3,242	5,912	6,580	6,814	6,465	7,715	6,422	1,293
Sports, recreation .....	286	591	799	1,225	1,119	1,160	1,122	931	191
Technology .....	698	1,153	1,141	1,720	2,218	1,896	2,391	1,922	469
Travel .....	466	883	1,394	794	480	414	634	519	115

## No. 1013. BOOKS AND PERIODICALS—AVERAGE RETAIL PRICES: 1970 TO 1980

[See headnote, table 1012]

SUBJECT	BOOKS (per vol.)				SUBJECT	PERIODICALS <sup>b</sup>			
	1970	1975	1978	1979		1970	1975	1979	1980
<b>Hard cover books <sup>a</sup></b> .....	<b>\$11.66</b>	<b>\$16.19</b>	<b>\$19.30</b>	<b>\$23.96</b>	<b>Total</b> .....	<b>\$10.41</b>	<b>\$19.94</b>	<b>\$30.37</b>	<b>\$34.54</b>
Agriculture .....	10.42	13.72	17.24	20.94	Agriculture .....	5.17	9.70	14.16	15.24
Art .....	16.16	17.90	21.11	21.95	Business and economics .....	9.03	15.26	22.97	25.42
Biography .....	11.49	14.09	15.76	17.52	Chemistry and physics .....	33.45	78.84	118.33	137.45
Business .....	12.45	16.54	19.27	23.11	Children's periodicals .....	2.65	4.69	6.70	7.85
Economics <sup>a</sup> .....	12.38	21.65	29.66	43.57	Education .....	7.09	14.72	21.61	23.45
Education .....	10.75	10.81	13.86	15.10	Engineering .....	12.07	26.64	42.95	49.15
Fiction .....	5.51	8.31	11.27	11.99	Fine and applied arts .....	7.50	11.09	17.42	18.67
General reference .....	(NA)	21.60	25.51	28.56	History .....	6.90	11.14	14.67	15.77
History .....	14.75	15.85	17.20	19.79	Home economics .....	7.56	14.24	23.21	24.63
Home economics .....	7.30	10.27	11.27	11.95	Industrial arts .....	7.59	10.59	17.65	20.70
Juveniles .....	4.05	5.82	6.58	7.14	Journalism, communications .....	6.36	14.70	23.86	27.34
Language .....	(NA)	15.80	16.67	18.25	Labor and industrial relations .....	3.59	7.40	15.74	18.84
Law .....	16.41	23.22	24.26	29.44	Law .....	9.84	15.00	20.98	23.00
Literature .....	11.05	14.89	17.98	17.64	Library science .....	7.88	14.18	20.82	23.25
Medicine .....	18.05	22.15	25.01	29.27	Literature and languages .....	6.15	10.41	13.84	15.30
Music .....	11.44	14.83	24.68	18.93	Mathematics, botany, geology, and general science .....	18.11	35.95	58.84	67.54
Philosophy, psych. ....	10.72	12.75	14.75	17.98	Medicine .....	23.44	42.38	63.31	73.37
Poetry and drama .....	9.35	10.76	14.86	15.83	Philosophy and religion .....	5.84	9.05	13.25	14.73
Religion .....	8.51	11.16	13.04	14.83	Physical ed. and recreation .....	5.34	7.80	12.27	13.83
Science .....	14.95	22.81	26.20	30.59	Political science .....	6.72	12.79	17.47	19.30
Sports <sup>a</sup> .....	9.96	10.97	12.96	13.88	Psychology .....	17.12	27.51	38.10	41.95
Technology .....	14.91	19.66	22.64	27.82	Sociology and anthropology .....	7.31	14.85	23.70	27.58
Travel .....	(NA)	15.43	17.12	15.02	Zoology .....	16.86	27.37	40.15	44.58
<b>Paperbacks:</b>					General interest periodicals .....	8.47	14.36	18.28	19.87
Mass market <sup>a</sup> .....	.95	1.46	1.90	2.08					
Trade or higher .....	4.81	5.24	6.31	7.21					

NA Not available. <sup>1</sup> Excludes publications of U.S., and other governmental units; books sold only by subscription and dissertations. <sup>2</sup> Includes sociology. <sup>3</sup> Includes recreation. <sup>4</sup> "Pocket-sized" books sold primarily through magazine and news outlets, supermarkets, variety stores, etc. <sup>5</sup> Average annual subscription prices.

Source of tables 1012 and 1013: R. R. Bowker Co., New York, N.Y., books, *Publishers Weekly*; periodicals, *Bowker Annual of Library and Book Trade Information*, and *Library Journal*, July 1980. (Copyright by Xerox Corporation.)

## NO. 1014. BOOKS AND PAMPHLETS—QUANTITY SOLD AND RECEIPTS: 1967 TO 1977

[Includes copies sold and dollar receipts reported by establishments classified in the "Books, publishing and printing" industry and by establishments reporting these receipts as "secondary" activities in other industries]

TYPE OF PUBLICATION	COPIES SOLD (mil.)			RECEIPTS (mil. dol.)		
	1967	1972	1977	1967	1972	1977
<b>Total</b> .....	(NA)	(NA)	(NA)	<b>2,255.3</b>	<b>2,915.4</b>	<b>5,007.7</b>
<b>All books</b> .....	(NA)	(NA)	(NA)	<b>2,081.2</b>	<b>2,711.2</b>	<b>4,640.5</b>
Textbooks.....	(NA)	(NA)	(NA)	<sup>1</sup> 733.6	<sup>1</sup> 809.6	<sup>1</sup> 1,408.7
Elementary, grades 1-8: Hardbound .....	85.1	65.8	65.0	180.6	162.4	252.5
Paperbound .....	30.0	44.5	45.0	24.3	57.5	97.0
High school, grades 9-12: Hardbound .....	36.3	40.5	33.5	122.7	132.4	180.1
Paperbound .....	11.6	7.3	9.8	14.9	12.8	28.4
College, grades 13 and over: <sup>2</sup> Hardbound .....	41.2	57.1	57.2	226.6	277.3	465.9
Paperbound .....	16.7	(S)	23.6	32.7	45.1	113.1
Workbooks, paperbound.....	124.3	97.1	(S)	88.6	88.7	220.8
Standardized tests, paperbound <sup>3</sup> .....	188.0	24.1	(S)	28.5	14.2	27.1
General reference books .....	(NA)	(NA)	(NA)	(NA)	235.3	305.4
Subscription <sup>4</sup> .....	33.1	(S)	(S)	216.3	198.5	225.8
Technical, scientific, and professional books.....	(NA)	(NA)	(NA)	<sup>1</sup> 240.2	<sup>1</sup> 403.0	<sup>1</sup> 684.1
Law, designed for the profession.....	8.4	28.2	15.0	74.0	146.9	266.8
Medical, designed for the profession <sup>5</sup> .....	8.5	(S)	11.2	41.0	59.1	140.5
Business, nonfiction, for adults .....	3.7	5.3	4.7	20.1	42.0	34.0
Religious books, total <sup>6</sup> .....	(NA)	(NA)	(NA)	<sup>1</sup> 110.4	<sup>1</sup> 131.2	<sup>1</sup> 236.3
Bibles, complete editions; testaments .....	10.5	29.3	19.4	36.7	52.6	82.8
Hymnals and devotionals <sup>7</sup> .....	7.8	6.6	9.2	15.4	9.0	21.0
Other: <sup>8</sup> <sup>9</sup> Hardbound .....	14.7	18.3	22.8	29.7	30.0	68.9
Paperbound .....	24.1	39.7	48.3	15.7	28.3	52.2
General books, trade, etc .....	(NA)	(NA)	(NA)	<sup>1</sup> 657.7	<sup>1</sup> 1,008.7	<sup>1</sup> 1,895.6
Book club books <sup>10</sup> .....	147.2	112.2	146.8	201.5	131.3	343.3
Wholesale paperbound books, digest size .....	201.1	159.8	566.7	67.7	90.3	460.1
Adult trade books: <sup>8</sup> <sup>10</sup> Hardbound .....	52.7	(S)	91.3	148.9	232.1	382.6
Paperbound .....	148.6	385.8	75.1	82.7	220.5	144.2
Juvenile: <sup>8</sup> <sup>10</sup> \$1.00 and over retail .....	65.3	63.8	(S)	107.5	88.2	161.2
Under \$1.00 retail.....	144.3	(D)	114.6	35.1	(D)	161.2
Other books, excluding pamphlets.....	(NA)	(NA)	(NA)	(NA)	125.4	110.4
<b>Pamphlets</b> .....	(S)	(NA)	(NA)	(S)	48.7	<sup>1</sup> 49.1
Religious.....	69.9	(NA)	(NA)	2.1	(NA)	44.6
Other.....	(S)	(NA)	(NA)	(S)	(NA)	(NA)
<b>Books and pamphlets, not specified</b> .....	(NA)	(NA)	(NA)	<b>97.0</b>	<b>155.5</b>	<b>318.1</b>

D Withheld to avoid disclosing figures for individual companies. NA Not available. S Does not meet publication standards.

<sup>1</sup> Includes receipts not specified by kind, as follows (in millions of dollars): Textbooks, 1967, 14.7; 1972, 19.2; and 1977, 23.8; general reference, 1972, 38.8; 1977, 79.6; technical, scientific, and professional, 1967, 105.1; 1972, 155.0; and 1977, 242.8; religions, 1967, 12.9; 1972, 11.3; and 1977, 11.4; general, 1967, 14.3; 1972, withheld; and 1977, 404.2; pamphlets, 1977, 4.5 <sup>2</sup> Includes private business and secretarial school, post-high vocational schools, institutes, and training courses of college grade. <sup>3</sup> Objective tests, manuals, etc.; includes answer sheets. <sup>4</sup> Represents books sold direct to the consumer through agents or distributors, usually on installment plan of payment. Includes multivolume encyclopedias, children's literature, biblical sets, etc. Copies sold represent number of volumes rather than sets. <sup>5</sup> Includes nursing and dental subjects. <sup>6</sup> Hardbound and paperbound. <sup>7</sup> Includes missals and prayer books. <sup>8</sup> Fiction and nonfiction. <sup>9</sup> For adults and juveniles. <sup>10</sup> Sold primarily through booksellers or book dealers (retail and wholesale) at trade discounts. Juvenile books represent hardbound and paperbound books, excluding toy books.

Source: U.S. Bureau of the Census, *Census of Manufactures: 1967*, vol. II, part 2; 1972, MC 72(2)-27A; and 1977, MC 77(1)-27A.

## NO. 1015. BOOKS—IMPORTS AND TRANSLATIONS INTO ENGLISH: 1977 TO 1979

[Data on 18 month basis. See headnote, table 1012. Imports cover all books printed abroad and distributed in U.S. on exclusive basis]

SUBJECT	IMPORTS			SUBJECT	IMPORTS			LANGUAGE	TRANSLATIONS		
	1977	1978	1979		1977	1978	1979		1977	1978	1979
<b>Imports, total</b> .....	<b>4,663</b>	<b>3,870</b>	<b>5,458</b>	<b>Imports—Con.</b>				<b>Translations, total</b> .....	<b>1,689</b>	<b>1,345</b>	<b>1,660</b>
Agriculture.....	97	77	117	Law.....	68	57	91	French.....	397	286	315
Art.....	137	137	230	Literature.....	185	141	194	German.....	312	237	300
Biography.....	133	130	173	Medicine.....	462	446	540	Italian.....	66	62	60
Business.....	88	51	79	Music.....	24	17	34	Oriental.....	76	70	75
Education.....	131	117	169	Philosophy, psychology.....	140	101	152	Russian.....	189	102	159
Fiction.....	77	81	71	Poetry, drama.....	168	135	139	Scandinavian.....	49	34	35
General works.....	162	107	150	Religion.....	85	87	136	Spanish.....	85	60	61
History.....	225	203	299	Science.....	835	710	890	Other.....	515	494	655
Home economics.....	37	45	51	Sociology, economics.....	971	806	1,236				
Juvenile.....	35	33	43	Sports, recreation.....	105	71	125				
Language.....	104	74	137	Technical books.....	331	193	328				
				Travel.....	63	51	74				

Source: R. R. Bowker Co., New York, N.Y., *Publishers Weekly*. (Copyright by Xerox Corporation.)

## NO. 1016. ADVERTISING—ESTIMATED EXPENDITURES: 1950 TO 1979

[In millions of dollars. 1979 preliminary. 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	1968 .....	18,090	10,800	7,290	1974 .....	26,820	14,810	12,010
1955 .....	9,150	5,380	3,770	1969 .....	19,420	11,400	8,020	1975 .....	28,160	15,340	12,820
1960 .....	11,960	7,305	4,655	1970 .....	19,550	11,350	8,200	1976 .....	33,690	18,555	15,135
1965 .....	15,250	9,340	5,910	1971 .....	20,740	11,775	8,965	1977 .....	37,920	20,850	17,070
1966 .....	16,630	10,150	6,480	1972 .....	23,300	13,030	10,270	1978 .....	43,970	23,990	19,980
1967 .....	16,870	10,210	6,660	1973 .....	25,120	13,775	11,345	1979 .....	49,720	27,070	22,650

## NO. 1017. ADVERTISING—INDEXES OF NATIONAL ADVERTISING EXPENDITURES, BY MEDIUM: 1950 TO 1979

[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	1973	1974	1975	1976	1977	1978	1979
<b>General index.....</b>	<b>25</b>	<b>49</b>	<b>67</b>	<b>90</b>	<b>112</b>	<b>130</b>	<b>140</b>	<b>146</b>	<b>183</b>	<b>210</b>	<b>241</b>	<b>274</b>
Network television.....	6	38	56	85	114	135	147	158	196	238	273	312
Spot television.....	3	26	53	90	125	139	151	164	218	223	261	293
<b>Magazines.....</b>	<b>38</b>	<b>56</b>	<b>73</b>	<b>93</b>	<b>104</b>	<b>116</b>	<b>121</b>	<b>118</b>	<b>144</b>	<b>174</b>	<b>209</b>	<b>235</b>
Weeklies.....	40	61	81	94	95	90	97	94	115	139	178	202
Women's.....	46	57	65	95	107	128	132	130	162	200	238	261
Monthlies.....	28	43	64	90	120	161	161	155	187	222	246	282
Newspapers.....	61	84	92	93	105	131	141	144	178	198	211	246

## NO. 1018. ADVERTISING—ESTIMATED EXPENDITURES, BY MEDIUM: 1965 TO 1979

[In millions of dollars, except percent. See text, page 579 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 (mil. dol.)						PERCENT					
	1965	1970	1975	1977	1978	1979, prel.	1965	1970	1975	1977	1978	1979, prel.
<b>Total.....</b>	<b>15,250</b>	<b>19,550</b>	<b>28,160</b>	<b>37,920</b>	<b>43,970</b>	<b>49,720</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
National.....	9,340	11,350	15,340	20,850	23,990	27,070	61.2	58.1	54.5	55.0	54.6	54.4
Local.....	5,910	8,200	12,820	17,070	19,980	22,650	38.8	41.9	45.5	45.0	45.4	45.6
<b>Newspapers.....</b>	<b>4,426</b>	<b>5,704</b>	<b>8,442</b>	<b>11,132</b>	<b>12,707</b>	<b>14,493</b>	<b>29.0</b>	<b>29.2</b>	<b>30.0</b>	<b>29.4</b>	<b>28.9</b>	<b>29.2</b>
National.....	784	891	1,221	1,677	1,787	2,085	5.1	4.6	4.3	4.4	4.1	4.2
Local.....	3,642	4,813	7,221	9,455	10,920	12,408	23.9	24.6	25.7	25.0	24.8	25.0
<b>Magazines.....</b>	<b>1,161</b>	<b>1,292</b>	<b>1,465</b>	<b>2,162</b>	<b>2,597</b>	<b>2,930</b>	<b>7.6</b>	<b>6.6</b>	<b>5.2</b>	<b>5.7</b>	<b>5.9</b>	<b>5.9</b>
Weeklies.....	610	617	612	903	1,158	1,315	4.0	3.2	2.2	2.4	2.6	2.6
Women's.....	269	301	368	565	672	735	1.8	1.5	1.3	1.5	1.5	1.5
Monthlies.....	282	374	485	694	767	880	1.8	1.9	1.7	1.8	1.8	1.8
<b>Farm publications.....</b>	<b>71</b>	<b>62</b>	<b>74</b>	<b>90</b>	<b>104</b>	<b>120</b>	<b>.5</b>	<b>.3</b>	<b>.3</b>	<b>.2</b>	<b>.2</b>	<b>.2</b>
<b>Television.....</b>	<b>2,515</b>	<b>3,596</b>	<b>5,263</b>	<b>7,612</b>	<b>8,979</b>	<b>10,195</b>	<b>16.5</b>	<b>18.4</b>	<b>18.7</b>	<b>20.1</b>	<b>20.4</b>	<b>20.5</b>
Network.....	1,237	1,658	2,306	3,460	3,975	4,540	8.1	8.5	8.2	9.1	9.0	9.1
Spot.....	892	1,234	1,623	2,204	2,581	2,890	5.9	6.3	5.8	5.8	5.9	5.8
Local.....	386	704	1,334	1,948	2,423	2,765	2.5	3.6	4.7	5.2	5.5	5.6
<b>Radio.....</b>	<b>917</b>	<b>1,308</b>	<b>1,980</b>	<b>2,634</b>	<b>3,052</b>	<b>3,385</b>	<b>6.0</b>	<b>6.7</b>	<b>7.0</b>	<b>7.0</b>	<b>6.9</b>	<b>6.8</b>
Network.....	60	56	83	137	147	170	.4	.3	.3	.4	.3	.3
Spot.....	275	371	436	546	620	680	1.8	1.9	1.5	1.4	1.4	1.4
Local.....	582	881	1,461	1,951	2,285	2,535	3.8	4.5	5.2	5.2	5.2	5.1
<b>Direct mail.....</b>	<b>2,324</b>	<b>2,766</b>	<b>4,124</b>	<b>5,184</b>	<b>5,987</b>	<b>6,650</b>	<b>15.2</b>	<b>14.1</b>	<b>14.6</b>	<b>13.6</b>	<b>13.6</b>	<b>13.4</b>
Business papers.....	671	740	919	1,221	1,400	1,595	4.4	3.8	3.3	3.2	3.2	3.2
Outdoor.....	180	234	335	418	466	535	1.2	1.2	1.2	1.1	1.1	1.1
National.....	120	154	220	290	307	350	.8	.8	.8	.8	.7	.7
Local.....	60	80	115	128	159	185	.4	.4	.4	.3	.4	.4
<b>Miscellaneous.....</b>	<b>2,985</b>	<b>3,848</b>	<b>5,558</b>	<b>7,487</b>	<b>8,678</b>	<b>9,617</b>	<b>19.6</b>	<b>19.7</b>	<b>19.7</b>	<b>19.7</b>	<b>19.8</b>	<b>19.7</b>
National.....	1,745	2,126	2,869	3,889	4,485	5,060	11.5	10.9	10.2	10.3	10.2	10.2
Local.....	1,240	1,722	2,689	3,598	4,193	4,757	8.1	8.8	9.5	9.4	9.6	9.5

Source of tables 1016-1018: McCann-Erickson, Inc., New York, N.Y. Compiled for Grain Communications, Inc. in *Advertising Age* (copyright). Percentages derived by U.S. Bureau of the Census.

# **NO. 1019. TELEVISION—EXPENDITURES FOR NETWORK ADVERTISING: 1975 TO 1979**

[In millions of dollars. See text, page 579 for a definition of network advertising]

TYPE OF PRODUCT	1975	1977	1978	1979	TYPE OF PRODUCT	1975	1977	1978	1979
<b>Expenditures</b> .....	<b>2,431</b>	<b>3,619</b>	<b>4,105</b>	<b>4,697</b>	Jewelry and cameras <sup>1</sup> .....	42	80	103	120
Apparel, footwear, and accessories.....	55	99	115	125	Laundry soaps, cleansers, and polishes.....	204	279	275	295
Automotive.....	235	344	416	492	Office equip., stationery, and supplies.....	22	27	32	48
Beer and wine.....	70	135	200	245	Pet products.....	67	104	123	145
Bldg. material, equip., fixtures.....	24	42	53	57	Proprietary medicines.....	273	334	346	395
Confectionery, soft drinks.....	85	125	169	241	Publishing and media.....	8	12	32	26
Consumer services.....	51	84	114	138	Records, tapes, radios, and TV sets.....	17	35	46	55
Dept. and discount stores.....	56	89	97	82	Tobacco products and supplies.....	20	12	9	9
Entertain'm't and amuse'm't.....	66	114	164	207	Toiletries and toilet goods.....	415	576	589	661
Food and food products.....	403	626	689	775	Toys and sporting goods.....	49	89	91	93
Gas, lubricants, etc.....	44	64	61	55	Travel, hotels, and resorts.....	21	32	42	55
Horticulture.....	7	9	9	12	All other.....	23	65	80	73
Household equip., supplies, and furnishings.....	134	193	203	223					
Insurance.....	40	50	67	70					

<sup>1</sup> Includes optical goods.

# **NO. 1020. TELEVISION—ESTIMATED TIME CHARGES FOR SPOT ADVERTISING: 1975 TO 1979**

[In millions of dollars. Data represent activity in the 75 markets monitored by Broadcast Advertisers Reports, Inc. (BAR), covering approximately 273 stations. See text, page 579 for a definition of spot advertising]

TYPE OF PRODUCT	1975	1977	1978	1979 <sup>1</sup>	TYPE OF PRODUCT	1975	1977	1978	1979
<b>Estimated time charges</b> .....	<b>1,706</b>	<b>2,312</b>	<b>2,593</b>	<b>2,881</b>	Jewelry, optical goods, and cameras.....	15	26	45	61
Apparel, footwear, and accessories.....	46	47	58	87	Laundry soaps, polishes.....	96	108	134	144
Automotive.....	136	210	237	258	Office equip., stationery, and supplies.....	7	11	9	12
Beer and wine.....	69	91	113	147	Pet products.....	49	64	44	43
Building material, equipment, and fixtures.....	23	39	51	55	Proprietary medicines.....	97	90	103	113
Confectionery, soft drinks.....	135	190	241	254	Publishing and media.....	33	75	80	104
Consumer services.....	50	65	71	85	Records, tapes, radios, and TV sets.....	81	143	124	120
Food and food products.....	388	469	543	595	Tobacco prod., suppliers.....	4	4	5	7
Gasoline, lubricants, etc.....	27	46	50	42	Toiletries and toilet goods.....	158	192	217	237
Horticulture.....	11	17	17	<sup>2</sup> 36	Toys and sporting goods.....	84	126	143	164
Household equipment and supplies, furnishings.....	104	172	161	164	Travel, hotels, and resorts.....	46	66	68	74
Insurance.....	24	26	36	40	All other.....	19	35	43	39

<sup>1</sup> Beginning 1979, some advertising previously identified as local is classified as spot. Therefore, data not strictly comparable with previous years. <sup>2</sup> Due to a definition change, data not strictly comparable with earlier years.

# **NO. 1021. TELEVISION—EXPENDITURES FOR RETAIL/LOCAL ADVERTISING: 1975 TO 1979**

[In millions of dollars. See text, page 579 for a definition of Retail/Local Advertising]

TYPE OF PRODUCT	1975	1977	1978	1979 <sup>1</sup>	TYPE OF PRODUCT	1975	1977	1978	1979 <sup>1</sup>
<b>Expenditures</b> <sup>2</sup> .....	<b>1,013</b>	<b>1,511</b>	<b>1,864</b>	<b>2,132</b>	Health clubs, reducing salons.....	8	15	19	23
Amusements, entertainment.....	28	48	55	68	Home bldg. construction, bldg. supplies.....	16	24	27	34
Appliance stores, repair.....	19	30	41	45	Hotels, resorts, U.S.....	9	13	16	19
Auto repair, serv. stations.....	8	17	26	30	Jewelry stores.....	8	12	16	21
Auto supply, accessory stores.....	7	14	16	15	Loan, mortgage companies.....	12	14	13	14
Auto, truck dealers.....	54	108	133	145	Mail order, catalog showrooms.....	4	8	13	14
Banks, S&L associations.....	102	124	149	166	Medical, dental services.....	3	5	8	13
Builders, real estate.....	17	34	49	55					
Carpet, floor covering stores.....	15	21	22	29	Movies.....	71	67	86	111
Clothing stores.....	23	31	38	47	Newspapers.....	8	15	17	16
Department stores.....	105	133	150	140	Optical services, supplies.....	4	7	8	11
Discount dept. stores.....	41	59	74	81	Radio, TV stations.....	NA	38	42	64
Drug stores.....	12	19	24	27	Restaurants, drive-ins.....	139	219	261	310
Food stores, supermarkets.....	86	123	140	159	Shoe stores.....	6	9	12	23
Furniture stores.....	52	73	95	122	Shopping ctrs, ass'ns.....	8	11	12	14
Gas, electric, water cos.....	11	13	16	17	Sport, hobby, toy stores.....	10	13	18	25
Hardware stores.....	6	9	11	16					

NA Not available. <sup>1</sup> Beginning 1979, some advertising previously identified as local is classified as spot. Therefore, data not strictly comparable with previous years. <sup>2</sup> Includes other types of products, not shown separately.

Source of tables 1019-1021: Television Bureau of Advertising, Inc., New York, N.Y., from data compiled by Broadcast Advertisers Reports, Inc., New York, N.Y.



**NO. 1022. NEWSPAPER ADVERTISING—EXPENDITURES FOR 64 CITIES: 1957 TO 1979**

[In millions of dollars. Based on stratified random sample of 64 cities of different size, including suburban as well as central city newspapers]

TYPE OF ADVERTISING	1957	1970	1972	1973	1974	1975	1976	1977	1978	1979
<b>Total</b> .....	<b>1,611</b>	<b>3,120</b>	<b>3,497</b>	<b>3,668</b>	<b>3,845</b>	<b>4,117</b>	<b>5,352</b>	<b>5,696</b>	<b>6,666</b>	<b>7,529</b>
Automotive .....	63	93	98	96	109	93	127	145	151	193
Classified .....	313	724	881	985	967	982	1,342	1,522	1,892	2,202
Financial .....	42	117	115	135	135	131	148	147	203	237
General .....	326	426	478	471	514	547	731	752	827	938
Retail .....	866	1,759	1,925	1,980	2,120	2,364	3,005	3,129	3,593	3,960

Source: Compiled by Media Records, Inc. Current data in U.S. Bureau of Economic Analysis, *Survey of Current Business*, monthly.

**NO. 1023. NEWSPAPER ADVERTISING—EXPENDITURES FOR NATIONAL ADVERTISING, BY TYPE OF PRODUCT: 1975 TO 1979**

[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	1977	1978	1979	TYPE OF PRODUCT	1975	1977	1978	1979
<b>Total</b> .....	<b>1,142.1</b>	<b>1,568.8</b>	<b>1,671.9</b>	<b>1,950.4</b>	Industrial .....	13.9	20.5	21.2	29.0
Alcoholic beverages .....	72.2	71.2	72.0	89.2	Insurance .....	20.2	26.2	29.9	34.0
Liquors .....	64.2	58.9	60.6	75.2	Jewelry, watches <sup>1</sup> .....	3.2	4.3	3.9	6.1
Amusements .....	6.2	8.4	8.7	12.6	Mail order .....	41.9	42.8	58.0	54.4
Automotive .....	175.7	250.5	269.0	336.9	Medical prod., drugs .....	12.9	22.7	21.6	20.4
New passenger cars .....	129.6	188.6	204.7	248.7	Pets and pet supplies .....	8.4	9.9	11.0	9.2
Cameras, photo supplies and services .....	10.0	12.5	15.6	13.2	Political .....	5.2	6.5	25.7	8.3
Educational .....	10.0	15.2	17.6	20.8	Professional and serv. .....	5.6	5.9	7.0	6.4
Farm and garden .....	18.5	23.7	22.7	27.0	Public service utilities .....	19.2	27.3	32.1	37.6
Foods .....	131.1	162.0	153.6	167.5	Publishing <sup>2</sup> .....	83.4	125.1	128.3	154.9
Franchise offers .....	3.0	4.4	5.0	5.3	Real estate .....	8.8	8.2	7.8	11.0
Help wanted .....	10.3	28.3	39.9	55.2	Sporting equipment <sup>3</sup> .....	6.9	8.1	8.1	6.9
Home heat, and equip. ....	2.9	5.2	5.8	8.0	Tobacco .....	148.1	234.2	228.8	293.7
Hotels and resorts .....	44.1	50.9	54.8	67.9	Toiletries, toilet goods .....	16.1	19.4	25.4	27.9
Household furniture and furnishings .....	7.4	8.2	7.7	9.9	Transportation .....	154.7	202.1	211.9	235.5
Household supplies .....	24.8	31.0	33.7	36.6	Airlines .....	97.8	116.3	124.5	147.6
Hsehold. equip. and appl. ....	30.4	50.3	53.7	46.7	Wearing apparel .....	20.2	30.4	27.8	31.2
					All other .....	26.9	53.0	63.4	87.4

<sup>1</sup> Includes silverware. <sup>2</sup> Includes magazines, newspapers, and other media. <sup>3</sup> Includes leisure time equipment.

Source: Media Records, Inc., New York, N.Y., *Marketing and Media Decisions*, June 1980.

**NO. 1024. MAGAZINE ADVERTISING—EXPENDITURES, BY PRODUCT: 1970 TO 1979**

[In millions of dollars. 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]

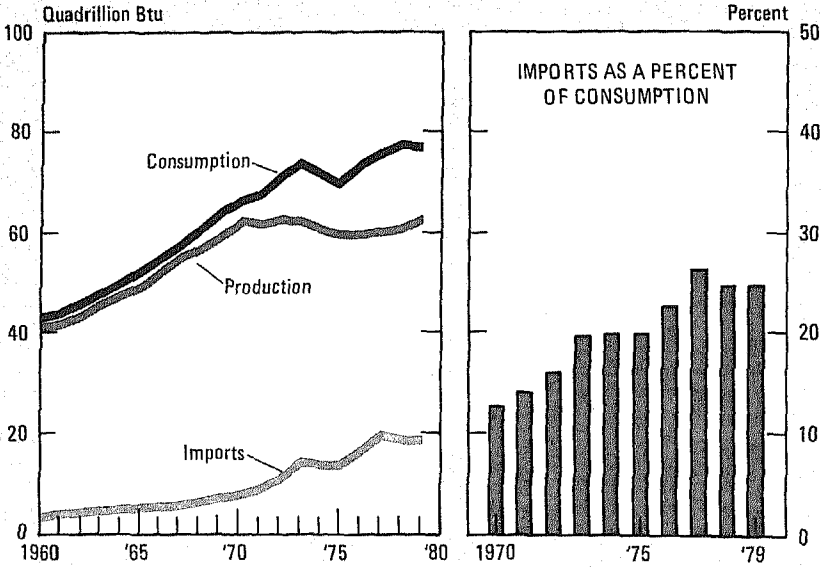
TYPE OF PRODUCTION	1970	1975	1976	1977	1978	1979	PERCENT DISTRIBUTION		
							1970	1975	1979
<b>Expenditures</b> .....	<b>1,181</b>	<b>1,336</b>	<b>1,622</b>	<b>1,965</b>	<b>2,374</b>	<b>2,671</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>
Apparel, footwear, and accessories <sup>1</sup> .....	51	47	56	70	86	92	4.3	3.5	3.4
Automotive, incl. accessories and equipment <sup>1</sup> .....	95	102	142	177	228	224	8.0	7.6	8.4
Beer, wine, and liquor .....	98	101	111	132	193	236	8.3	7.6	8.8
Consumer services <sup>1 2</sup> .....	74	102	104	119	147	172	6.3	7.8	6.4
Drugs and remedies .....	38	34	40	51	57	71	3.2	2.5	2.7
Food and food products .....	86	87	113	140	174	186	7.3	6.5	7.0
Household equipment and supplies <sup>1</sup> .....	33	25	37	47	63	67	2.8	1.9	2.5
Household furnishings <sup>1</sup> .....	38	31	47	66	85	64	3.2	2.3	2.4
Industrial materials <sup>1</sup> .....	44	34	47	49	58	70	3.7	2.6	2.6
Insurance .....	26	22	28	39	45	53	2.2	1.7	2.0
Radios, TV's, phonos, musical instruments <sup>3</sup> .....	38	35	51	58	76	80	3.2	2.6	3.0
Smoking materials .....	65	144	162	194	205	281	5.5	10.6	10.5
Toiletries and toilet goods <sup>1</sup> .....	119	108	125	151	163	198	10.1	7.9	7.4
Travel, hotels, and resorts .....	50	65	69	83	98	110	4.2	4.9	4.1
All other (incl. retail and/or direct-mail) <sup>1</sup> .....	326	402	489	588	696	767	27.6	30.1	28.7

<sup>1</sup> Due to classification changes, beginning 1975, data not comparable with earlier years. <sup>2</sup> Includes business services.

<sup>3</sup> Includes accessories.

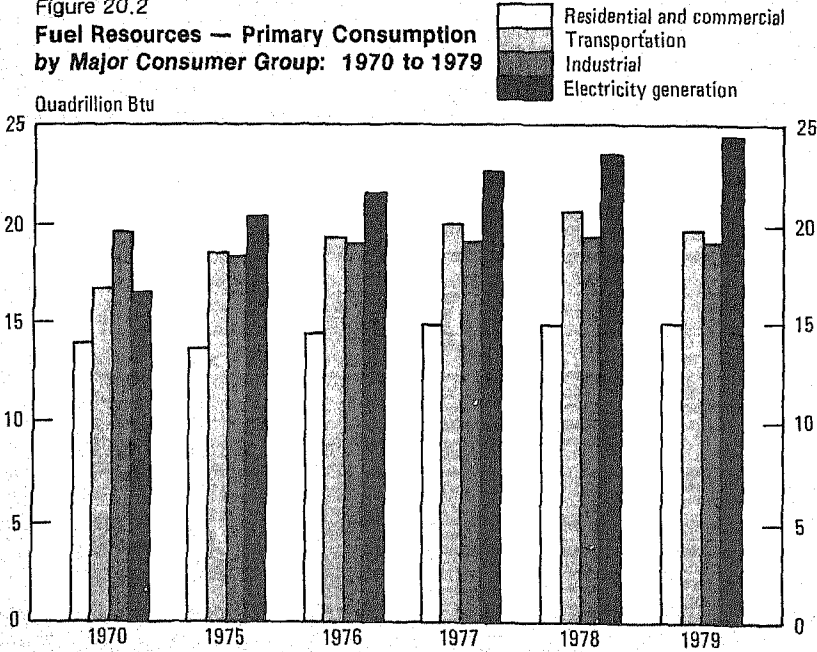
Source: Magazine Publishers Association, Inc., New York, N.Y., from data compiled by Publishers Information Bureau, Inc.

Figure 20.1  
Energy Production, Consumption, and Imports: 1960 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1026.

Figure 20.2  
Fuel Resources — Primary Consumption  
by Major Consumer Group: 1970 to 1979



Source: Chart prepared by U.S. Bureau of the Census. For data, see table 1033.

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 (previously issued by the Federal Power Commission) are *Statistics of Privately Owned Electric Utilities in the United States*; *Statistics of Publicly Owned Electric Utilities in the United States*; *Gas Turbine Plant Construction Cost and Annual Production Expenses*; *Statistics for Interstate Natural Gas Pipeline Companies*; and *Typical Electric Bills*. 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*, *Energy Data Reports*, and the *Monthly Energy Review*.

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.

Other sources include the Rural Electrification Administration's *Annual Statistical Report—Rural Electric Borrowers* and the National Science Foundation, which publishes data annually on research and development funding in energy.

**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 1978 and 1979 for production and consumption, in that order, for various fuels: Petroleum 5.800 and 5.519 mil. Btu per barrel; bituminous coal 22.43 and 22.14 mil. Btu per short ton; and anthracite coal 23.52 and 22.97 mil. Btu per short ton. Both production and consumption factors for natural gas were 1,019, while the factors for the production of hydropower, nuclear power, and geothermal power were 10.44, 10.77, and 21.61 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.

## NO. 1024. TOTAL HORSEPOWER OF ALL PRIME MOVERS: 1950 TO 1978

[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	AUTO-MOTIVE <sup>1 2</sup>		NONAUTOMOTIVE							Air-craft <sup>4 5</sup>
		Total	Per cent of total	Total	Factories <sup>3</sup>	Mines <sup>3</sup>	Rail-roads <sup>4</sup>	Mer- chant ships and sailing vessels	Farms	Electric central stations <sup>2</sup>	
1950.....	4,868	4,404	90.5	464	33	22	111	<sup>a</sup> 23	165	88	<sup>a</sup> 22
1955.....	7,158	6,632	92.7	525	36	31	60	<sup>a</sup> 24	212	138	<sup>a</sup> 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	1,063	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	335	754	198

<sup>1</sup> Includes passenger cars, trucks, buses, and motorcycles.

<sup>2</sup> As of July 1.

<sup>3</sup> Beginning 1965, data are estimates.

<sup>4</sup> Beginning 1965, not strictly comparable with earlier years.

<sup>5</sup> Includes private planes and commercial airlines.

<sup>a</sup> Includes Alaska and Hawaii.

<sup>b</sup> 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, Washington, D.C., unpublished estimates.

## NO. 1025. MINERAL FUEL RESOURCES AND ELECTRICITY—PRODUCTION AND CONSUMPTION, BY MAJOR SOURCE: 1950 TO 1979

[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. 601. 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 <sup>1</sup>	Natural gas <sup>2</sup>	Electricity <sup>3</sup>		Coal	Crude petroleum <sup>1</sup>	Natural gas <sup>2</sup>	Electricity <sup>3</sup>	
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	20.5	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	56.8	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	76.4	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, prel.....	62.8	27.7	28.7	34.4	9.2	78.0	19.3	47.4	25.5	7.8	1.24

<sup>1</sup> Production includes lease condensate. Consumption includes domestically produced crude oil, natural gas liquids, and lease condensate, plus imported crude oil and products.

<sup>2</sup> Production includes natural gas liquids; consumption excludes natural gas liquids.

<sup>3</sup> Comprised of hydropower, nuclear power, and geothermal energy.

Source: U.S. Energy Information Administration, *Annual Report to Congress*, vol. II.

## NO. 1026. ENERGY SUPPLY AND DISPOSITION, BY TYPE OF FUEL: 1960 TO 1979

[In quadrillion British thermal units, except percent. For Btu conversion factors, see text, p. 601]

TYPE OF FUEL	1960	1965	1970	1972	1973	1974	1975	1976	1977	1978	1979, prel.
<b>Total supply</b> <sup>1</sup>	<b>45.6</b>	<b>54.9</b>	<b>69.5</b>	<b>73.8</b>	<b>76.7</b>	<b>75.0</b>	<b>73.1</b>	<b>76.7</b>	<b>78.5</b>	<b>80.1</b>	<b>80.9</b>
Production	41.8	49.7	62.5	62.8	62.4	61.2	60.1	60.1	60.3	61.2	62.8
Crude oil <sup>2</sup>	14.9	16.5	20.4	20.0	19.5	18.6	17.7	17.3	17.5	18.4	18.0
Natural gas liquids	1.5	1.9	2.5	2.6	2.6	2.5	2.4	2.3	2.3	2.3	2.4
Natural gas <sup>3</sup>	12.7	15.8	21.7	22.2	22.2	21.2	19.6	19.5	19.6	19.5	19.2
Coal	11.1	13.4	15.1	14.5	14.4	14.5	15.2	15.9	15.9	15.0	17.4
Nuclear power	(Z)	(Z)	.2	.6	.9	1.3	1.9	2.1	2.7	3.0	2.8
Hydropower	1.6	2.1	2.6	2.9	2.9	3.2	3.2	3.0	2.3	3.0	3.0
Geothermal and other	-	-	(Z)	(Z)	.1	.1	.1	.1	.1	.1	.1
Imports <sup>4</sup>	4.2	5.9	8.4	11.5	14.7	14.4	14.1	16.8	20.1	19.3	19.3
Percent of supply	9.2	10.7	12.1	15.6	19.2	19.2	19.3	21.9	25.6	24.1	23.9
Crude oil	2.2	2.7	2.8	4.7	6.9	7.4	8.7	11.2	14.0	13.5	13.5
Refined petroleum products <sup>5</sup>	1.8	2.8	4.7	5.6	6.6	5.7	4.2	4.4	4.7	4.4	4.1
Natural gas	.2	.5	.9	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.3
<b>Total disposition</b>	<b>45.6</b>	<b>54.9</b>	<b>69.5</b>	<b>73.8</b>	<b>76.7</b>	<b>75.0</b>	<b>73.1</b>	<b>76.7</b>	<b>78.5</b>	<b>80.1</b>	<b>80.9</b>
Consumption	44.1	53.0	66.8	71.6	74.6	72.8	70.7	74.5	76.4	78.2	78.0
Refined petroleum products	19.9	23.3	29.5	33.0	34.8	33.5	32.7	35.2	37.2	38.0	37.0
Natural gas	12.4	15.8	21.8	22.7	22.5	21.7	20.0	20.4	19.9	20.0	19.9
Coal	10.1	11.9	12.7	12.5	13.3	12.9	12.8	13.7	14.0	13.9	15.1
Nuclear power	(Z)	(Z)	.2	.6	.9	1.3	1.9	2.1	2.7	3.0	2.8
Hydropower <sup>6</sup>	1.7	2.1	2.7	2.9	3.0	3.3	3.2	3.1	2.5	3.2	3.2
Geothermal and other	-	-	(Z)	(Z)	.1	.1	.1	.1	.1	.1	.1
Exports	1.5	1.9	2.7	2.1	2.1	2.2	2.4	2.2	2.1	2.0	2.9
Coal	1.0	1.4	1.9	1.5	1.5	1.6	1.8	1.6	1.5	1.1	1.8

- Represents zero. Z Less than 50 trillion. <sup>1</sup> Includes adjustments for stock changes, losses, gains, and miscellaneous changes, not shown separately. <sup>2</sup> Includes lease condensate. <sup>3</sup> Dry marketed gas. <sup>4</sup> Includes other types, not shown separately. <sup>5</sup> Includes imports of unfinished oils and natural gas liquids. <sup>6</sup> Includes industrial generation and net electricity imports.

Source: U.S. Energy Information Administration, *Annual Report to Congress*, vol. II.

## NO. 1027. ENERGY PRODUCTION AND CONSUMPTION—ANNUAL GROWTH RATES, BY TYPE OF FUEL: 1950 TO 1979

[In percent. Based on data shown in table 1026. Rates represent average annual compounded changes; for explanation, see Guide to Tabular Presentation. Minus sign (-) denotes decrease]

TYPE OF FUEL	1950-1960	1960-1970	1970-1979	1970-1972	1972-1973	1973-1974	1974-1975	1975-1976	1976-1977	1977-1978	1978-1979
<b>Total production</b>	<b>1.9</b>	<b>4.1</b>	<b>.1</b>	<b>.2</b>	<b>-.6</b>	<b>-1.9</b>	<b>-1.9</b>	<b>.1</b>	<b>.3</b>	<b>1.5</b>	<b>2.6</b>
Crude oil <sup>1</sup>	2.7	3.2	-1.4	-.9	-2.7	-4.7	-4.5	-2.6	1.1	5.6	-2.2
Natural gas liquids	5.9	5.6	-.6	1.8	-1.2	-3.9	-4.1	-1.7	-	-3.5	5.8
Natural gas <sup>2</sup>	7.4	5.5	-1.4	1.2	-.1	-4.4	-7.4	-.8	.5	-.4	-1.6
Coal	-2.7	3.1	1.6	-1.9	-.7	.6	5.0	4.3	.3	-5.0	15.8
Nuclear power	(X)	37.4	31.0	55.5	56.9	39.6	49.6	11.1	28.0	10.4	-7.7
Hydropower	1.3	5.1	1.3	4.3	-	10.8	-.6	-5.4	-21.5	26.5	-
Geothermal and other	(X)	(X)	26.0	41.4	25.0	20.0	16.7	14.3	-	-33.3	50.0
<b>Total consumption</b>	<b>2.8</b>	<b>4.3</b>	<b>1.7</b>	<b>3.5</b>	<b>4.2</b>	<b>-3.0</b>	<b>-2.3</b>	<b>4.9</b>	<b>3.2</b>	<b>2.3</b>	<b>-2</b>
Refined petroleum products	4.1	4.0	2.6	5.7	5.7	-5.1	-1.0	6.4	6.8	2.1	-2.5
Natural gas	7.6	5.8	-1.1	2.0	-.8	-3.5	-8.2	2.0	-2.1	.4	-.7
Coal	-2.4	2.3	2.0	-.8	6.8	-3.2	-.5	7.1	3.0	-.8	8.9
Nuclear power	(X)	37.4	31.0	55.5	56.9	39.6	49.6	11.1	28.0	10.4	-7.7
Hydropower <sup>3</sup>	1.4	4.9	2.0	5.3	2.4	10.0	-2.7	-4.7	-17.9	25.8	-.3
Geothermal and other	(X)	(X)	26.0	41.4	25.0	20.0	16.7	14.3	-	-33.3	50
<b>GNP</b> <sup>4</sup>	<b>3.3</b>	<b>3.9</b>	<b>3.2</b>	<b>4.4</b>	<b>5.5</b>	<b>-1.4</b>	<b>-1.3</b>	<b>5.9</b>	<b>5.3</b>	<b>4.3</b>	<b>2.4</b>

X Not applicable. - Represents zero. <sup>1</sup> Includes lease condensate. <sup>2</sup> Dry marketed gas. <sup>3</sup> Includes industrial generation and net electricity imports. <sup>4</sup> Gross national product in constant (1972) dollars; see table 725.

Source: U.S. Energy Information Administration, *Annual Report to Congress*, vol. II.

## No. 1026. ENERGY CONSUMPTION—TOTAL AND PER CAPITA: 1950 TO 1979

[Btu=British thermal units. See text, p. 601]

YEAR	ALL ENERGY <sup>1</sup>		PETROLEUM <sup>3</sup>		NATURAL GAS <sup>4</sup>		COAL <sup>5</sup>		CONSUMPTION PER DOLLAR GNP <sup>6</sup>	
	Total (quad. Btu)	Per capita <sup>2</sup> (mil. Btu)	Total (quad. Btu)	Per capita <sup>2</sup> (mil. Btu)	Total (quad. Btu)	Per capita <sup>2</sup> (mil. Btu)	Total (quad. Btu)	Per capita <sup>2</sup> (mil. Btu)	All energy (1,000 Btu)	Petroleum (1,000 Btu)
1950	33.9	223	13.5	89	6.0	39	12.9	85	63.6	25.3
1955	39.7	240	17.5	106	9.0	55	11.5	70	60.6	26.8
1960	44.1	245	19.9	111	12.4	69	10.1	56	59.8	27.0
1965	53.0	274	23.3	120	15.8	81	11.9	61	57.2	25.1
1970	66.8	328	29.5	145	21.8	107	12.7	62	62.1	27.5
1971	68.3	331	30.6	148	22.5	109	12.0	58	61.7	27.6
1972	71.6	344	33.0	158	22.7	109	12.5	60	61.2	28.1
1973	74.6	355	34.8	166	22.5	107	13.3	63	60.4	28.2
1974	72.8	342	33.5	156	21.7	103	12.9	61	59.4	27.1
1975	70.7	332	32.7	154	20.0	94	12.8	60	58.8	27.2
1976	74.5	345	35.2	162	20.4	95	13.7	64	58.3	27.4
1977	76.4	354	37.2	172	18.9	92	14.0	65	57.4	27.9
1978	78.2	358	38.0	174	20.0	92	13.9	64.0	55.9	27.2
1979, prel.	78.0	354	37.0	168	19.9	90	15.1	72.0	54.5	25.8

<sup>1</sup> Includes hydropower, nuclear power, geothermal and other energy, not shown separately. <sup>2</sup> Based on estimated resident population as of July 1. <sup>3</sup> Includes petroleum products, natural gas plant liquids, and crude oil burned as fuel. <sup>4</sup> Dry gas only. <sup>5</sup> Includes bituminous coal, lignite, anthracite coal, and net imports of coke. <sup>6</sup> Gross national product in constant (1972) dollars. See table 725.

Source: U.S. Energy Information Administration, *Annual Report to Congress*, vol. II.

## No. 1029. ENERGY CONSUMPTION, BY SECTOR AND PRIMARY SOURCE: 1975 TO 1979

[In trillions of Btu. For definition of Btu, see text, p. 601]

SECTOR	Total <sup>1</sup>	Coal <sup>2</sup>	Natural gas, dry	Petroleum <sup>3</sup>	Hydro-electric <sup>4</sup>	Nuclear power	Geothermal	Electricity distributed <sup>5</sup>	Electric energy loss <sup>6</sup>
<b>1975</b>									
Final consuming sectors.....	70,706	4,055	16,704	29,500	32	-	-	5,902	14,508
Residential and commercial.....	26,743	239	7,688	6,413	-	-	-	3,588	8,615
Industrial.....	25,763	3,815	8,422	5,521	32	-	-	2,304	5,689
Transportation.....	18,195	1	594	17,566	-	-	-	10	24
Electric utilities.....	20,416	8,783	3,241	3,231	3,187	1,900	72	(x)	(x)
<b>1977</b>									
Final consuming sectors.....	76,390	3,734	16,644	33,147	37	-	-	6,581	16,240
Residential and commercial.....	28,268	225	7,537	6,868	-	-	-	3,936	9,703
Industrial.....	28,362	3,509	8,564	7,104	37	-	-	2,635	6,513
Transportation.....	19,753	-	543	19,175	-	-	-	10	24
Electric utilities.....	22,822	10,245	3,285	4,028	2,482	2,702	82	(x)	(x)
<b>1978</b>									
Final consuming sectors.....	78,154	3,842	16,700	34,151	36	-	-	6,836	16,579
Residential and commercial.....	28,941	249	7,761	6,915	-	-	-	4,086	9,918
Industrial.....	28,581	3,593	8,400	7,179	36	-	-	2,731	6,641
Transportation.....	20,625	-	539	20,057	-	-	-	9	20
Electric utilities.....	23,421	10,134	3,297	3,813	3,132	2,977	68	(x)	(x)
<b>1979</b>									
Final consuming sectors.....	78,022	3,840	16,246	33,487	37	-	-	7,030	17,375
Residential and commercial.....	29,503	225	7,689	6,910	-	-	-	4,173	10,306
Industrial.....	28,746	3,615	7,827	7,371	37	-	-	2,848	7,048
Transportation.....	19,766	-	530	19,206	-	-	-	9	20
Electric utilities.....	24,410	11,304	3,610	3,530	3,126	2,750	89	(x)	(x)

- Represents zero. X Not applicable. <sup>1</sup> Total may not equal sum of components due to independent rounding of the components. <sup>2</sup> Represents anthracite, bituminous, lignite, and net coke imports. <sup>3</sup> Includes petroleum products, still gas, liquefied refinery gas, and natural gas liquids. <sup>4</sup> Includes net imports of electricity. <sup>5</sup> Electrical energy used by railroads, and for street and highway lighting, is included in transportation sector. <sup>6</sup> Losses allocated by final end-use sector in proportion to their direct kilowatt-hour usage.

Source: U.S. Energy Information Administration, *Monthly Energy Review*, March 1980.

## No. 1030. ENERGY CONSUMPTION—END-USE SECTOR AND SELECTED TYPE, BY STATE: 1978

[In trillions of Btu. For Btu conversion factors, see text, p. 601]

STATE	Total <sup>1</sup>	END-USE SECTOR				TYPE				
		Residential	Commercial	Industrial	Transportation	Petroleum	Natural gas (dry)	Coal	Hydro-power	Nuclear power
U.S. <sup>2</sup>	78,256	16,335	12,559	28,739	20,624	37,965	19,999	13,944	3,173	2,977
Ala.....	1,668	285	169	804	410	640	241	606	86	246
Alaska.....	316	32	50	135	99	168	148	5	5	-
Ariz.....	780	137	151	224	268	386	179	162	73	-
Ark.....	940	193	160	357	230	486	224	29	25	56
Calif.....	6,355	1,173	1,100	1,677	2,405	3,592	1,594	69	388	82
Colo.....	942	196	191	277	277	440	273	221	14	7
Conn.....	790	232	151	201	205	609	66	1	4	149
Del.....	202	40	35	70	57	168	21	22	-	-
D.C.....	163	43	47	39	35	84	27	2	-	-
Fla.....	2,410	587	403	545	875	1,727	326	176	2	170
Ga.....	1,681	363	262	512	545	848	283	436	39	46
Hawaii.....	253	26	19	61	147	247	-	-	1	-
Idaho.....	395	86	75	140	94	167	45	16	103	-
Ill.....	4,216	1,058	835	1,360	963	1,855	1,194	854	1	355
Ind.....	2,584	528	321	1,272	464	1,023	448	1,044	4	-
Iowa.....	1,089	269	165	396	259	538	242	209	10	13
Kans.....	1,082	219	180	395	288	460	530	137	(z)	-
Ky.....	1,213	240	176	464	333	519	216	621	33	-
La.....	3,295	286	253	2,159	598	968	2,292	4	-	-
Maine.....	365	88	66	111	100	270	2	(z)	52	58
Md.....	1,156	247	213	368	328	672	138	205	18	107
Mass.....	1,473	403	449	238	384	1,236	163	2	2	60
Mich.....	3,021	743	458	1,093	726	1,337	803	676	81	141
Minn.....	1,406	346	230	483	347	675	318	269	24	125
Miss.....	832	168	117	288	259	555	208	41	-	-
Mo.....	1,637	442	320	409	466	819	365	493	11	-
Mont.....	379	74	59	149	97	174	74	59	124	-
Nebr.....	624	146	115	192	172	306	166	64	12	83
Nev.....	291	53	59	67	112	162	66	91	17	-
N.H.....	238	70	41	62	64	179	8	20	12	-
N.J.....	1,962	477	462	451	571	1,343	233	63	2	88
N. Mex.....	484	65	79	165	175	237	218	146	(z)	-
N.Y.....	4,062	1,117	1,029	840	1,077	2,868	579	297	323	234
N.C.....	1,684	389	240	572	484	855	83	504	57	107
N. Dak.....	258	59	42	84	74	140	40	142	54	-
Ohio.....	4,282	945	583	1,918	835	1,437	945	1,625	(z)	26
Okla.....	1,306	262	196	529	320	533	789	45	18	-
Oreg.....	904	186	165	290	263	386	88	6	339	17
Pa.....	4,325	939	655	1,869	863	1,766	685	1,578	8	240
R.I.....	218	64	59	41	54	144	23	(z)	(z)	-
S.C.....	1,011	203	147	394	268	477	120	195	34	210
S. Dak.....	242	67	34	71	70	145	36	40	71	-
Tenn.....	1,803	391	226	746	440	667	187	615	92	-
Tex.....	7,371	1,004	765	3,763	1,839	2,696	4,306	413	8	-
Utah.....	519	92	75	223	128	222	121	144	8	-
Vt.....	138	39	27	35	38	93	4	(z)	10	35
Va.....	1,517	343	287	373	515	941	136	174	14	152
Wash.....	1,523	314	221	579	409	602	129	88	953	45
W. Va.....	787	140	81	411	153	223	154	784	10	-
Wis.....	1,556	424	265	509	359	712	377	305	24	126
Wyo.....	373	39	52	198	85	170	89	242	10	-

- Represents zero.

Z Less than 500 billion.

<sup>1</sup> For type, includes geothermal, wood and waste, not shown separately.<sup>2</sup> For industrial sector, includes 130 trillion Btu of net imports of coke not allocated by State.Source: U.S. Energy Information Administration, *State Energy Data Report*, April 1980.

## NO. 1031. WORLD ENERGY CONSUMPTION, BY REGION AND ENERGY SOURCE: 1960 TO 1978

[In tons of coal equivalent. Metric ton = 1.1023 short tons. See text, p. 894, for general comments about the data]

REGION AND ENERGY SOURCE	CONSUMPTION (mil. metric tons)								PERCENT DISTRIBUTION			
	1960	1965	1970	1973	1974	1975	1976	1977	1978	1960	1970	1978
World total .....	4,246	5,220	6,718	7,734	7,779	7,808	8,280	8,541	8,755	100.0	100.0	100.0
United States .....	1,475	1,774	2,247	2,481	2,407	2,322	2,473	2,509	2,502	34.7	33.4	28.6
Western Europe .....	831	1,057	1,351	1,529	1,500	1,457	1,553	1,541	1,566	19.6	20.1	17.9
Japan .....	109	179	344	426	422	404	426	433	439	2.6	5.1	5.0
Centrally planned economies <sup>1</sup> .....	1,354	1,564	1,909	2,234	2,330	2,459	2,576	2,728	2,867	31.9	28.4	32.7
Rest of world .....	476	646	869	1,063	1,120	1,165	1,252	1,329	1,381	11.2	13.0	15.8
Energy source:												
Solid fuels .....	2,206	2,255	2,353	2,452	2,489	2,516	2,646	2,744	2,803	51.9	35.0	32.0
Liquid fuels .....	1,362	1,967	2,912	3,578	3,535	3,524	3,770	3,896	3,959	32.1	43.4	45.2
Natural gas .....	593	882	1,293	1,517	1,545	1,545	1,633	1,651	1,737	14.0	19.3	19.8
Hydropower and geothermal .....	85	113	145	162	178	180	181	187		2.0	2.2	
Nuclear .....	(z)	3	10	24	31	43	50	63	256	(z)	.1	2.9

Z Less than 500,000 tons or .05 percent. <sup>1</sup> 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., *World Energy Supplies*, Statistical Papers, series J, vol. 21; and unpublished data. (Copyright.)

## NO. 1032. CRUDE OIL, NATURAL GAS, AND COAL—WORLD PRODUCTION, BY REGION: 1960 TO 1978

FUEL AND REGION	PRODUCTION									PERCENT DISTRIBUTION			
	1960	1965	1970	1973	1974	1975	1976	1977	1978	1960	1970	1977	1978
CRUDE OIL (mil. bbl.)													
World .....	7,674	11,063	16,711	20,368	20,539	19,502	21,192	21,776	21,874	100.0	100.0	100.0	100.0
United States .....	2,575	2,849	3,517	3,361	3,203	3,057	2,976	3,009	3,178	33.6	21.0	13.8	14.5
Other W. Hemisphere .....	1,555	1,979	2,377	2,542	2,405	2,123	2,114	2,131	2,220	20.3	14.2	9.8	10.1
Western Europe .....	99	131	116	114	116	200	312	499	637	1.3	.7	2.3	2.9
Africa .....	105	812	2,207	2,161	1,990	1,826	2,135	2,261	2,173	1.4	13.2	10.4	9.9
Middle East .....	1,923	3,054	5,096	7,745	7,987	7,161	8,116	8,176	7,676	25.1	30.5	37.5	35.1
Far East and Oceania .....	202	246	503	816	816	806	923	1,017	1,012	2.6	3.0	4.7	4.6
Sino-Soviet area <sup>1</sup> .....	1,215	1,993	2,890	3,629	4,022	4,329	4,616	4,683	4,978	15.9	17.2	21.5	22.8
NATURAL GAS (bil. cu. ft.)													
World .....	16,917	24,537	37,664	46,144	47,179	47,364	49,497	51,394	53,871	100.0	100.0	100.0	100.0
United States .....	12,771	16,040	21,921	22,648	21,601	20,109	19,952	20,025	19,974	75.5	58.2	39.0	37.1
Other W. Hemisphere .....	1,299	2,268	3,554	4,735	4,712	4,778	4,863	4,999	5,672	7.7	9.4	9.7	10.5
Western Europe .....	432	671	2,751	5,148	5,837	6,033	6,349	6,527	6,577	2.6	7.3	12.7	12.2
Africa .....	6	70	122	586	594	757	891	959	1,148	(2)	.3	1.9	2.1
Middle East .....	57	171	460	1,277	1,423	1,359	1,407	1,463	1,537	.3	1.2	2.8	2.9
Far East and Oceania .....	158	166	525	792	895	985	1,185	1,366	1,710	.9	1.4	2.7	3.2
Sino-Soviet area .....	2,194	5,152	8,331	10,958	12,117	13,342	14,870	16,054	17,253	13.0	22.1	31.2	32.0
COAL (mil. sh. ton)													
World .....	2,899	3,079	3,317	3,404	3,459	3,606	3,716	3,839	3,925	100.0	100.0	100.0	100.0
United States .....	434	527	613	599	607	655	685	697	670	15.0	18.5	18.2	17.1
Other W. Hemisphere .....	21	22	28	35	35	42	43	46	51	.7	.8	1.2	1.3
Western Europe .....	618	601	500	466	439	497	467	483	483	21.3	15.1	12.6	12.3
Africa .....	48	59	66	75	77	82	91	100	106	1.7	2.0	2.6	2.7
Middle East .....	11	10	10	12	19	14	12	14	16	.4	.3	.4	.4
Far East and Oceania .....	189	237	240	233	250	278	295	346	356	6.5	7.2	9.0	9.1
Sino-Soviet area .....	1,578	1,622	1,861	1,984	2,032	2,038	2,123	2,152	2,244	54.4	56.1	56.1	57.2

Z Less than .05 percent. <sup>1</sup> Includes Cuba.

Source: 1960-1975, U.S. Dept. of Interior, *Energy Perspectives 2*, June 1976, and unpublished data; thereafter, U.S. Energy Information Administration, *International Petroleum Annual*, *World Natural Gas*, annual, and *Coal—Bituminous and Lignite*, annual.



## No. 1033. PRIMARY ENERGY CONSUMPTION BY CONSUMING SECTOR: 1970 TO 1979

[For definition of Btu, text, p. 601]

SECTOR	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979, est.
CONSUMPTION (quadrillion Btu)										
Total .....	66.8	68.3	71.6	74.6	72.8	70.7	74.5	76.4	78.2	78.0
Residential and commercial .....	15.0	15.3	15.7	15.4	14.7	14.2	15.0	14.6	14.8	15.0
Industrial and miscellaneous .....	19.5	19.2	19.7	20.7	19.9	17.9	18.9	19.3	19.3	18.9
Transportation .....	16.0	16.6	17.6	18.5	18.0	18.1	19.0	19.7	20.6	19.7
Electricity generation .....	16.3	17.2	18.6	20.0	20.2	20.4	21.5	22.8	23.5	24.4
PERCENT OF TOTAL										
Residential and commercial .....	22.5	22.4	21.9	20.6	20.2	20.1	20.1	19.1	18.9	19.2
Industrial and miscellaneous .....	29.2	28.1	27.5	27.7	27.3	25.3	25.4	25.3	24.7	24.2
Transportation .....	24.0	24.3	24.6	24.6	24.7	25.6	25.5	25.8	26.3	25.3
Electricity generation .....	24.4	25.2	26.0	26.8	27.7	28.9	28.9	29.8	30.1	31.3

## No. 1034. FOSSIL FUEL PRICES IN CURRENT AND CONSTANT (1972) DOLLARS: 1960 TO 1979

[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. 601, for explanation of Btu conversions from mineral fuels. Minus sign (—) denotes decrease]

YEAR OR PERIOD	CURRENT DOLLARS						CONSTANT (1972) DOLLARS						GNP <sup>3</sup> price deflators (1972=100)
	Com- posite <sup>1</sup>	Crude oil	Natural gas liq- uids	Natural gas (dry)	Bitumi- nous coal <sup>2</sup>	Anthra- cite coal	Com- posite <sup>1</sup>	Crude oil	Natural gas liq- uids	Natural gas (dry)	Bitumi- nous coal <sup>2</sup>	Anthra- cite coal	
1960.....	30.0	49.7	55.2	13.5	18.3	33.0	43.7	72.3	80.4	19.7	26.6	48.0	68.7
1965.....	28.5	47.6	48.1	15.1	17.5	35.3	38.3	64.0	65.0	20.3	23.5	47.4	74.3
1970.....	32.5	52.1	50.7	16.6	25.5	47.1	35.6	57.0	55.4	18.2	27.9	51.6	91.4
1971.....	36.0	58.5	55.4	17.7	29.2	51.4	37.5	60.9	56.7	18.4	30.4	53.5	96.0
1972.....	36.8	58.5	56.0	18.1	31.9	52.9	36.8	58.5	56.0	18.1	31.9	52.9	100.0
1973.....	43.2	67.1	72.4	21.2	35.5	58.9	40.0	63.4	68.4	20.0	33.6	55.7	105.8
1974.....	72.4	118.5	124.9	29.7	66.4	98.4	62.4	102.1	107.7	25.6	57.2	84.8	116.0
1975.....	86.4	132.2	116.7	43.6	82.9	137.9	68.0	104.0	91.8	34.3	65.2	108.5	127.2
1976.....	94.9	141.2	141.0	56.9	83.9	147.5	70.9	105.6	105.4	42.5	62.7	110.3	133.8
1977.....	107.3	147.8	173.9	77.4	89.5	154.5	75.8	104.4	122.8	54.7	63.2	109.1	141.6
1978.....	117.7	155.2	195.6	88.8	97.8	149.9	77.4	102.1	128.6	58.4	64.3	98.6	152.1
1979, prel.....	136.8	192.4	(NA)	112.3	104.8	157.3	82.7	116.4	(NA)	67.9	68.9	95.0	165.5
Percent change:													
1960-70.....	8.3	4.8	-8.2	23.0	39.3	42.7	-22.7	-21.2	-31.3	-27.6	4.9	7.5	33.0
1970-73.....	32.9	28.8	42.8	27.7	39.2	7.7	12.4	11.2	23.5	9.9	20.4	2.6	15.8
1973-75.....	100.0	97.0	61.2	105.7	133.5	174.7	70.0	64.0	34.2	71.5	94.0	128.4	20.2
1975-78.....	36.2	17.4	67.6	103.7	18.0	8.7	13.8	-1.8	40.1	70.3	-1.4	-9.1	19.6
1978-79.....	16.2	24.0	(NA)	26.5	7.2	4.9	6.8	14.0	(NA)	16.3	7.2	-3.7	8.8

NA Not available. <sup>1</sup> Weighted by relative importance of individual fuels in total mineral fuels production. <sup>2</sup> Includes lignite. <sup>3</sup> GNP=Gross national product; see text, p. 475.

Source of tables 1033 and 1034: U.S. Energy Information Administration, *Annual Report to Congress*, vol. II.

## No. 1035. ENERGY RESEARCH AND DEVELOPMENT—FEDERAL BUDGET AUTHORITY, 1979 TO 1981, AND INDUSTRIAL EXPENDITURES, 1977 TO 1979

[In millions of dollars, except percent. R &amp; D=Research and development]

ITEM	1979	1980, est.	1981, est.	ITEM	1977	1978	1979, est.
Federal energy budget authority.....	3,461	3,765	3,675	Industrial energy R&D.....	2,599	3,069	3,365
Percent of total Federal R&D .....	11.7	12.3	(NA)	Percent of total industry R&D .....	8.7	9.2	8.9
Dept. of Energy <sup>1</sup> .....	3,192	3,444	3,313	Nuclear .....	935	1,006	1,038
Nuclear fission.....	1,006	1,014	786	Fossil fuels.....	765	859	1,005
Fossil energy.....	668	743	653	Other.....	899	1,204	1,321
Solar.....	463	503	580				

NA Not available. <sup>1</sup> Includes breakdown not shown separately.

Source: U.S. National Science Foundation, *Federal R&D Funding by Budget Function: Fiscal Years 1979-81 and Research and Development in Industry*, annual.

### NO. 1036. ENERGY PRODUCING COMPANIES—SELECTED FINANCIAL AND INVESTMENT INDICATORS, 1974 TO 1978, AND BY LINE-OF-BUSINESS, 1978

[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	1974	1975	1976	1977	1978, pref.					
					Total <sup>1</sup>	Line-of-business				
						Petro- leum	Coal	Nu- clear	Other ener- gy	Non- ener- gy
INCOME STATEMENT (bil. dol.)										
Operating revenues.....	197.0	206.1	233.8	266.7	294.8	258.4	2.2	<sup>2</sup> 8		42.2
Operating expenses.....	164.4	177.8	205.0	238.6	264.4	228.4	2.0	<sup>2</sup> 1.1		40.1
Operating income.....	32.6	28.3	28.8	28.1	30.4	30.0	0.1	— .1	— .2	2.1
Pretax income.....	34.4	29.9	30.3	28.2	30.1	32.0	0.1	— .1	— .2	2.4
Funds from operations.....	23.6	19.0	22.8	25.9	29.4	27.7	0.4	0.1	—	3.8
BALANCE SHEET (bil. dol.)										
Net property, plant, and equipment.....	86.2	94.6	108.1	125.6	137.8	105.9	3.1	0.9	2.2	24.3
Net investment in place <sup>3</sup> .....	81.7	103.0	117.1	134.8	147.8	112.0	3.3	0.9	2.2	27.3
Total assets.....	158.6	171.0	193.7	216.6	236.6	(NA)	(NA)	(NA)	(NA)	(NA)
RATIOS (percent)										
Net income to operating revenues.....	6.9	5.0	5.2	4.7	4.7	5.7	6.2	<sup>3</sup> — 17.1		4.2
Net income to total assets.....	8.5	6.0	6.2	5.8	5.9	(NA)	(NA)	(NA)	(NA)	(NA)
Net income to stockholders' equity.....	16.8	12.2	13.0	12.6	12.8	(NA)	(NA)	(NA)	(NA)	(NA)
Long-term debt to stockholders' equity <sup>4</sup> .....	29.9	33.1	36.2	38.6	35.4	(NA)	(NA)	(NA)	(NA)	(NA)
Long-term debt to total assets <sup>4</sup> .....	15.2	16.4	17.3	17.9	16.2	(NA)	(NA)	(NA)	(NA)	(NA)

— Represents zero. NA Not available. <sup>1</sup> Includes items which cannot be allocated and adjustment for duplication, not shown separately. <sup>2</sup> Combined to avoid disclosure. <sup>3</sup> Composed of net property, plant and equipment plus investment and advances to unconsolidated subsidiaries. <sup>4</sup> Long-term debt includes amounts applicable to capitalized leases.

Source: U.S. Energy Information Administration, *Performance Profiles of Major Energy Producers, 1977*, and unpublished data. Prior to 1977, from *Standard and Poor's Compustat Services, Inc.*

### NO. 1037. U.S. FOREIGN TRADE IN SELECTED MINERAL FUELS: 1960 TO 1979

[Btu=British thermal units. See text, p. 601. 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						CRUDE OIL					
	Imports		Exports		Net trade		Imports		Exports		Net trade	
	Bil. cu. ft.	Tril. Btu	Bil. cu. ft.	Tril. Btu	Bil. cu. ft.	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu
1960.....	155.6	161	11.3	12	—144.3	—149	372	2,199	3	17	—369	—2,182
1965.....	456.4	471	19.6	20	—436.8	—444	439	2,578	1	6	—438	—2,572
1970.....	820.8	846	69.8	72	—751.0	—774	483	2,812	5	29	—478	—2,783
1971.....	934.5	964	80.2	83	—854.3	—881	613	3,570	1	6	—612	—3,574
1972.....	1,019.5	1,047	78.0	80	—941.5	—967	811	4,711	(z)	1	—811	—4,710
1973.....	1,032.9	1,060	77.2	79	—955.7	—981	1,184	6,887	1	6	—1,183	—6,881
1974.....	959.3	985	76.8	78	—882.5	—907	1,269	7,394	1	6	—1,268	—7,388
1975.....	953.0	978	72.7	74	—880.3	—904	1,498	8,720	2	12	—1,496	—8,708
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	56.0	56	—955.0	—981	2,414	14,025	18	104	—2,396	—13,921
1978.....	965.5	995	53.0	53	—912.5	—941	2,320	13,461	58	336	—2,262	—13,125
1979.....	1,231	1,268	50.0	51	—1,181.0	—1,217	2,332	13,530	86	499	—2,246	—13,031
	COAL						PETROLEUM PRODUCTS					
	Imports		Exports <sup>2</sup>		Net trade		Imports		Exports		Net trade	
	1,000 sh. tons	Tril. Btu	1,000 sh. tons	Tril. Btu	1,000 sh. tons	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu	Mil. bbl.	Tril. Btu
1960.....	262	7	37,981	1,044	37,719	1,037	293	1,839	71	393	—222	—1,446
1965.....	184	5	52,165	1,438	51,981	1,443	449	2,821	67	372	—382	—2,449
1970.....	36	1	72,419	1,993	72,383	1,992	765	4,672	90	519	—675	—4,153
1971.....	111	3	58,022	1,569	57,911	1,566	819	4,974	81	486	—738	—4,508
1972.....	47	1	57,188	1,566	57,141	1,565	924	5,571	81	483	—843	—5,108
1973.....	127	3	54,030	1,455	53,903	1,452	1,099	6,625	84	483	—1,015	—6,142
1974.....	2,080	48	61,095	1,688	59,015	1,640	962	5,747	79	476	—883	—5,323
1975.....	940	22	66,309	1,790	65,369	1,768	712	4,229	74	446	—638	—3,851
1976.....	1,203	27	60,021	1,621	58,818	1,594	741	4,430	79	448	—682	—3,982
1977.....	1,647	41	54,312	1,466	52,509	1,421	800	4,730	70	407	—730	—4,323
1978.....	2,953	74	40,691	1,100	37,738	1,026	733	4,364	74	432	—659	—3,932
1979.....	2,059	51	66,016	1,784	63,957	1,739	689	4,106	86	502	—603	—3,604

Z Less than 500,000. <sup>1</sup> Includes strategic petroleum reserve imports. <sup>2</sup> Includes shipments to U.S. Armed Forces.

Source: 1960–1972, U.S. Library of Congress, *Energy Facts*, November 1973; thereafter, U.S. Energy Information Administration, *Annual Report to Congress*, vol. II.

## No. 1038. CRUDE OIL AND REFINED PRODUCTS SUMMARY: 1973 TO 1980

[Barrels of 42 gallons]

YEAR AND MONTH	CRUDE OIL (1,000 bbl. per day)					REFINED OIL PRODUCTS (1,000 bbl. per day)			Total oil imports <sup>1</sup> (1,000 bbl. per day)	CRUDE OIL STOCKS <sup>2</sup> (mil. bbl.)	
	Input to refineries	Domestic production	Imports		Ex-ports	Domestic demand	Imports	Ex-ports		Total	Strategic reserve
			Total	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	340	(x)
1978, avg .....	14,739	8,707	6,195	161	158	18,847	2,008	204	8,363	309	67
1st qtr .....	14,093	8,489	5,947	119	57	20,075	2,259	189	8,317	345	18
2d qtr .....	14,530	8,825	5,809	129	137	18,081	1,853	212	7,794	333	30
3d qtr .....	15,064	8,771	6,414	187	190	18,076	1,929	215	8,535	321	47
4th qtr .....	15,253	8,741	6,594	210	247	19,173	1,995	198	8,802	309	67
1979, avg .....	14,497	8,533	6,411	67	234	18,434	1,933	238	8,411	339	91
1st qtr .....	14,286	8,514	6,333	168	278	20,297	2,225	216	8,804	317	83
2d qtr .....	14,423	8,510	6,219	76	221	17,564	1,717	245	8,091	326	89
3d qtr .....	14,758	8,507	6,378	26	221	17,422	1,687	236	8,305	324	91
4th qtr .....	14,516	8,601	6,430	-	217	18,391	2,013	255	8,438	339	91
1980, avg .....	13,705	8,693	5,687	-	309	17,349	1,626	249	7,312	382	91
1st qtr .....	13,945	8,685	6,029	-	315	18,157	1,872	233	7,901	362	91
2d qtr .....	13,465	8,700	5,344	-	303	16,540	1,379	265	6,723	382	91

- Represents zero. X Not applicable. <sup>1</sup> Crude oil (including Strategic Petroleum imports) plus refined products.<sup>2</sup> End of year or quarter.Source: U.S. Energy Information Administration, *Monthly Energy Review*, September 1980, *Short-Term Energy Outlook*, May 1980, and *Weekly Petroleum Status Report*, various issues.

## No. 1039. CRUDE OIL IMPORTS INTO U.S., BY COUNTRY OF ORIGIN: 1970 TO 1979

COUNTRY	IMPORTS (mil. 42-gal. bbls.)									PERCENT DISTRIBUTION				
	1970	1972	1973	1974	1975	1976	1977	1978	1979	1970	1973	1975	1978	1979
Total.....	483	811	1,184	1,269	1,498	1,935	2,414	2,320	2,332	100.0	100.0	100.0	100.0	100.0
Canada .....	245	312	365	289	219	136	102	90	98	50.7	30.8	14.6	3.9	4.2
Mexico .....	-	-	(z)	1	26	32	65	115	158	-	(z)	1.7	5.0	6.8
Norway .....	-	-	-	(z)	5	13	18	38	28	-	-	.3	1.6	1.2
Trinidad-Tobago .....	(z)	9	22	23	42	38	49	52	44	(z)	1.9	2.8	2.2	1.9
United Kingdom .....	-	-	-	-	-	5	36	62	72	-	-	-	2.7	3.1
OPEC .....	222	475	767	926	1,171	1,663	2,058	1,892	1,856	46.0	64.8	78.2	81.6	79.6
Algeria .....	2	32	44	66	96	149	198	231	220	.4	3.7	6.4	9.9	9.4
Ecuador .....	-	5	17	15	21	19	20	14	11	-	1.4	1.4	.6	.5
Gabon .....	-	-	-	9	10	10	13	14	15	-	-	.6	.6	.6
Indonesia .....	26	60	73	103	138	196	185	195	137	5.4	6.2	9.2	8.4	5.9
Iran .....	12	50	79	169	102	109	193	202	108	2.5	6.7	6.8	8.7	4.6
Iraq .....	-	1	2	-	(z)	10	27	23	32	-	.1	(z)	1.0	1.4
Kuwait .....	12	13	15	2	1	(z)	15	2	2	2.5	1.3	.1	.1	.1
Libya .....	17	40	49	1	81	162	257	233	233	3.5	4.1	5.4	10.0	10.0
Nigeria .....	17	89	164	254	272	371	412	332	389	3.5	13.9	18.2	14.3	16.7
Qatar .....	-	1	3	6	7	9	24	23	11	-	.1	.5	1.0	.5
Saudi Arabia .....	15	64	169	160	256	447	501	417	488	3.1	14.3	17.1	18.0	20.9
Un. Arab Emir's <sup>1</sup> .....	23	27	26	25	43	93	122	141	102	4.8	2.2	2.9	6.1	4.4
Venezuela .....	98	93	126	116	144	88	91	66	107	20.3	10.6	9.6	2.8	4.6
Other .....	16	15	30	30	35	48	86	71	87	3.3	2.5	2.3	3.1	3.7

- Represents zero. Z Less than 500,000 or less than .05 percent. <sup>1</sup> Abu Dhabi prior to 1972.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. 1040. PETROLEUM AND COAL PRODUCTS—SALES, NET PROFIT, AND PROFIT PER DOLLAR OF SALES: 1965 TO 1979

[Profit rates are averages of quarterly figures at annual rates]

ITEM	Unit	1965	1970	1972	1973	1974 <sup>1</sup>	1974 <sup>2</sup>	1975 <sup>2</sup>	1976 <sup>2</sup>	1977 <sup>2</sup>	1978 <sup>2</sup>	1979 <sup>2</sup>
Sales.....	Bil. dol.....	41.4	64.1	78.1	97.8	180.4	113.5	121.8	141.3	162.3	180.3	242.6
Net profit:												
Before taxes <sup>3</sup> .....	Bil. dol.....	5.3	7.0	6.5	9.5	15.6	17.7	13.3	16.9	17.8	19.2	32.2
After taxes.....	Bil. dol.....	4.5	5.9	5.2	7.4	12.3	14.5	9.3	11.7	12.2	12.8	21.9
Depreciation <sup>4</sup> .....	Bil. dol.....	2.9	4.5	5.0	5.7	(NA)	5.1	5.6	5.9	6.6	7.7	9.4
Profits per dollar of sales:												
Before taxes <sup>3</sup> .....	Cents.....	12.7	11.0	8.4	9.8	8.5	15.6	10.9	12.0	11.0	10.6	13.2
After taxes.....	Cents.....	10.9	9.2	6.7	7.6	6.8	12.8	7.6	8.3	7.5	7.1	9.0
Profits on stockholders' equity:												
Before taxes <sup>3</sup> .....	Percent.....	13.9	13.0	11.0	14.9	(NA)	25.8	17.9	20.3	19.9	19.8	30.1
After taxes.....	Percent.....	11.8	11.0	8.7	11.6	(NA)	21.1	12.5	14.1	13.6	13.3	20.5

NA Not available. <sup>1</sup> Estimates based on FTC reporting requirements in use prior to 1974. <sup>2</sup> Beginning 1974, based on new FTC reporting requirements. <sup>3</sup> Federal income taxes. <sup>4</sup> Includes depletion and accelerated amortization of emergency facilities.

Source: U.S. Federal Trade Commission, *Quarterly Financial Report for Manufacturing, Mining and Trade Corporations*.

## NO. 1041. MAJOR PETROLEUM COMPANIES—FINANCIAL DATA SUMMARY: 1970 TO 1979

[Data represent a composite of approximately 43 major worldwide petroleum companies aggregated on a consolidated, total company basis]

ITEM	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979
FINANCIAL DATA (bil. dol.)										
Net income.....	6.9	7.2	6.8	11.8	15.9	11.6	14.3	15.1	16.0	32.2
Depreciation, depletion, etc.....	7.4	8.0	9.1	10.5	13.0	11.3	14.8	18.3	19.8	26.1
Cash flow <sup>1</sup> .....	14.2	15.2	15.9	22.3	28.9	22.8	29.1	33.4	35.8	58.3
Dividends paid.....	3.8	3.8	3.8	4.0	4.5	4.7	5.4	6.3	6.8	8.2
Net internal funds available for investment or debt repayment <sup>2</sup> .....	10.5	11.4	12.1	18.3	24.5	18.1	23.7	27.1	29.0	50.1
Capital and exploratory expenditures.....	13.3	14.2	14.3	16.3	25.8	26.9	30.7	31.8	37.1	52.2
Long-term capitalization.....	84.5	90.5	93.7	102.9	112.9	121.1	142.9	150.1	168.0	194.1
Long-term debt.....	18.5	20.8	21.8	22.5	25.0	28.9	39.1	38.4	45.1	47.4
Preferred stock.....	1.3	4.4	4.4	4.4	4.4	3.9	3.9	3.9	3.9	3.9
Common stock and retained earnings <sup>3</sup> .....	64.6	69.3	71.5	80.0	87.4	91.9	103.5	110.8	122.0	145.8
Excess of expenditures over cash income <sup>4</sup> .....	2.8	2.8	2.2	-2.0	1.3	8.9	6.9	4.7	8.1	2.1
RATIOS <sup>5</sup> (percent)										
Long-term debt to long-term capitalization.....	21.9	23.0	23.3	22.0	22.2	23.8	27.4	25.6	26.8	24.4
Net income to total average capital.....	8.3	8.2	7.4	12.0	14.8	10.0	10.7	10.1	9.9	17.8
Net income to avg. common equity.....	10.7	10.8	9.7	15.6	19.0	13.1	14.3	13.9	13.5	24.0

<sup>1</sup> Generally represents internally-generated funds from operations. Sum of net income and noncash charges such as depreciation, depletion, and amortization. <sup>2</sup> Cash flow minus dividends paid. <sup>3</sup> Includes common stock, capital surplus, and earned surplus accounts after adjustments. <sup>4</sup> Capital and exploratory expenditures plus dividends paid minus cash flow. <sup>5</sup> 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 Statistics, 1979-1980*.

## NO. 1042. ELECTRIC UTILITY ENERGY USE, 1960 TO 1979, AND PROJECTED REQUIREMENTS, 1980 TO 1989

[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	1977	1978	1979 <sup>1</sup>	1980	1985	1989
Energy use (bil. kWh).....	753	1,055	1,532	1,918	2,124	2,206	2,247	2,505	3,238	4,142
Annual percent change <sup>2</sup> .....	6.7	7.0	7.7	4.6	5.2	3.9	1.9	5.7	5.3	5.0
Per capita <sup>3</sup> kWh (1,000).....	4.2	5.5	7.5	9.0	9.8	10.1	10.2	11.3	13.9	17.0
Peak load (mil. kW).....	138	189	276	345	390	396	402	438	550	644
Annual percent change <sup>2</sup> .....	7.1	6.5	7.9	4.6	6.3	1.5	1.5	5.2	4.7	4.0

<sup>1</sup> Preliminary. <sup>2</sup> Average annual change from prior year shown; for 1960, change from 1955. <sup>3</sup> Based on U.S. Bureau of the Census population data including Armed Forces abroad for July 1, except 1970. Projection figures used are for series II (see table 34, p. 30) based on 1976 estimates of the population.

Source: 1960-1975, U.S. Federal Power Commission, unpublished data; thereafter, U.S. Energy Information Administration, *Annual Summary of Capacity, Production, and Fuel Consumption and Monthly Electric Energy and Peak Load Data—December*; and unpublished data.

# NO. 1043. ELECTRIC ENERGY PRODUCTION AND INSTALLED GENERATING CAPACITY, BY TYPE OF PRIME MOVER AND CONSUMPTION OF FUELS: 1960 TO 1979

[Production for calendar years; other data as of December 31. 1980 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	1974	1975	1976	1977	1978	1979
<b>PRODUCTION</b>										
Total .....	Bil. kWh .....	842	1,158	1,640	1,968	2,003	2,125	2,212	2,285	2,319
Average annual change <sup>1</sup> .....	Percent .....	6.0	6.6	7.2	4.7	1.8	6.1	4.1	3.3	1.5
Production, kWh per kW of capacity .....	Number .....	4,529	4,548	4,545	3,982	3,798	3,863	3,818	3,818	3,766
Industrial plants <sup>2</sup> .....	Bil. kWh .....	88	102	108	101	85	87	88	79	71
Electric utilities <sup>3</sup> .....	Bil. kWh .....	753	1,055	1,532	1,867	1,918	2,038	2,124	2,208	2,247
Privately owned .....	Bil. kWh .....	579	809	1,183	1,442	1,487	1,582	1,664	1,721	1,756
Percent of total utilities .....	Percent .....	76.8	76.7	77.2	77.2	77.5	77.6	79.3	78.0	78.1
Publicly owned .....	Bil. kWh .....	175	246	349	425	431	456	440	485	481
Municipal .....	Bil. kWh .....	37	50	71	79	82	78	83	90	87
Federal .....	Bil. kWh .....	112	145	186	220	221	236	214	235	236
Cooperatives and other .....	Bil. kWh .....	26	51	91	126	128	141	143	160	168
Source of energy:										
Coal <sup>4</sup> .....	Percent .....	53.5	54.1	46.2	44.6	44.7	46.5	46.6	44.4	48.1
Nuclear .....	Percent .....	.1	.4	1.4	6.1	9.0	9.4	11.8	12.5	11.4
Oil .....	Percent .....	6.1	6.1	11.9	16.0	15.1	15.7	16.8	16.5	13.5
Gas .....	Percent .....	21.0	21.0	24.3	17.1	15.6	14.5	14.4	13.8	14.7
Hydro .....	Percent .....	19.3	18.4	16.2	16.1	15.6	13.9	10.4	12.7	12.4
<b>INSTALLED CAPACITY</b>										
Total .....	Mil. kW .....	186	255	361	497	527	550	579	598	616
Average annual change <sup>1</sup> .....	Percent .....	7.3	6.5	7.2	8.4	6.0	4.6	5.3	3.3	2.9
Industrial plants <sup>2</sup> .....	Mil. kW .....	18	18	19	19	19	19	19	19	17
Electric utilities <sup>3</sup> .....	Mil. kW .....	168	236	342	478	508	531	560	579	598
Privately owned .....	Mil. kW .....	128	178	263	377	399	415	438	454	464
Percent of total utilities .....	Percent .....	76.5	75.2	76.9	79.0	78.5	78.2	78.2	77.6	77.6
Publicly owned .....	Mil. kW .....	40	59	79	100	109	116	122	126	134
Municipal .....	Mil. kW .....	11	15	21	27	29	31	33	34	34
Federal .....	Mil. kW .....	22	32	39	46	50	52	53	54	58
Cooperatives and other .....	Mil. kW .....	6	11	19	28	30	33	36	37	42
<b>ELECTRIC UTILITIES <sup>3</sup></b>										
<b>TYPE OF PRIME MOVER</b>										
Prime movers, total <sup>5</sup> .....	Number .....	3,435	3,290	3,533	3,691	3,587	3,576	3,587	3,586	3,573
Hydro .....	Number .....	1,331	1,231	1,188	1,159	1,146	1,140	1,145	1,146	1,145
Steam conventional .....	Number .....	998	984	937	927	926	926	926	922	925
Gas turbine .....	Number .....	1,055	1,059	323	494	497	510	520	529	537
Steam nuclear .....	Number .....	5	9	16	38	42	45	49	50	51
Internal combustion .....	Number .....	1,044	991	1,008	1,006	965	954	947	939	915
Production .....	Bil. kWh .....	753	1,055	1,532	1,867	1,918	2,038	2,124	2,206	2,247
Hydro .....	Bil. kWh .....	146	184	248	301	300	284	220	280	280
Steam conventional .....	Bil. kWh .....	602	852	1,241	1,414	1,417	1,534	1,619	1,613	1,680
Gas turbine .....	Bil. kWh .....	1	4	16	32	22	24	29	31	28
Steam nuclear .....	Bil. kWh .....	1	4	22	114	173	191	251	276	255
Internal combustion .....	Bil. kWh .....	4	5	6	6	6	5	5	5	4
Installed capacity .....	Mil. kW .....	168	236	342	478	508	531	560	579	598
Hydro .....	Mil. kW .....	32	44	55	64	66	68	69	71	75
Steam conventional .....	Mil. kW .....	133	188	260	338	353	368	386	400	412
Gas turbine .....	Mil. kW .....	(z)	1	15	40	44	47	48	49	51
Steam nuclear .....	Mil. kW .....	3	3	6	32	40	43	50	54	55
Internal combustion .....	Mil. kW .....	3	3	4	5	5	5	5	6	5
<b>ELECTRIC UTILITIES <sup>3</sup></b>										
<b>CONSUMPTION OF FUELS</b>										
Net generation by fuel <sup>6</sup> .....	Bil. kWh .....	607	861	1,284	1,566	1,618	1,754	1,904	1,826	1,968
Average annual change <sup>1</sup> .....	Percent .....	6.9	7.2	7.6	5.9	3.3	8.5	8.5	1.2	2.2
Coal <sup>7</sup> .....	Bil. kWh .....	403	571	706	830	853	945	985	977	1,076
Percent of total .....	Percent .....	66.4	66.3	54.3	53.0	52.7	53.8	51.7	50.7	54.7
Fuel oil .....	Bil. kWh .....	46	65	182	299	289	320	358	364	303
Gas .....	Bil. kWh .....	158	221	373	320	300	295	306	305	329
Nuclear .....	Bil. kWh .....	1	4	22	114	173	191	251	276	255
Fuel consumed:										
Total coal equivalent .....	Mil. tons <sup>8</sup> .....	266	369	583	740	770	833	922	950	965
Coal, including lignite .....	Mil. tons <sup>8</sup> .....	177	245	321	392	406	440	477	482	527
Oil .....	Mil. bbl .....	85	115	336	536	506	556	624	636	523
Gas .....	Bil. cu. ft. ....	1,724	2,321	3,932	3,443	3,158	3,081	3,191	3,188	3,490

<sup>2</sup> Less than .5 million. <sup>1</sup> Change from prior year shown; for 1960, change from 1955. For explanation of average annual percent change, see Guide to Tabular Presentation. <sup>3</sup> Plants of 100 kilowatts and over, including stationary powerplants of railroads. <sup>4</sup> For public use. <sup>5</sup> Includes small percentage from wood and waste, geothermal, and petroleum coke. <sup>6</sup> Each prime mover type in combination plants counted separately. <sup>7</sup> Includes limited output of wood, waste, and geothermal power. <sup>8</sup> Includes petroleum coke. <sup>9</sup> Short tons.

Source: 1960-1970, U.S. Federal Power Commission, *Electric Power Statistics*, and press releases; thereafter, U.S. Energy Information Administration, *Annual Summary of Capacity, Production, and Fuel Consumption*, and unpublished data.

# NO. 1044. ELECTRIC ENERGY—PRODUCTION AND INSTALLED GENERATING CAPACITY, 1970 TO 1979, AND PERCENT PRIVATELY OWNED, 1979, BY STATES

[Capacity as of Dec. 31. Covers utilities for public use and industrial plants. Minus sign (—) denotes decrease]

STATE	PRODUCTION (bil. kWh)				INSTALLED CAPACITY (mil. kW)				ANNUAL PERCENT CHANGE, <sup>1</sup> 1970-1979		PERCENT PRIVATELY OWNED, <sup>2</sup> 1979	
	1970	1975	1978	1979	1970	1975	1978	1979	Pro- duction	Ca- pacity	Pro- duction	Ca- pacity
<b>U.S.</b>	<b>1,640.0</b>	<b>2,003.0</b>	<b>2,285.3</b>	<b>2,318.7</b>	<b>360.8</b>	<b>527.3</b>	<b>598.5</b>	<b>615.7</b>	<b>3.9</b>	<b>6.1</b>	<b>75.7</b>	<b>75.4</b>
<b>N.E.</b>	<b>65.6</b>	<b>73.9</b>	<b>84.0</b>	<b>81.5</b>	<b>14.6</b>	<b>21.6</b>	<b>22.0</b>	<b>22.1</b>	<b>2.5</b>	<b>4.8</b>	<b>95.1</b>	<b>93.0</b>
Maine	7.3	10.5	11.1	10.0	1.4	2.3	2.6	2.9	3.6	8.2	74.6	81.1
N.H.	5.4	5.0	5.1	6.4	1.2	1.6	1.6	1.6	1.9	3.0	96.0	97.0
Vt.	1.0	4.6	4.2	4.4	.3	.9	1.0	.9	18.0	11.7	97.0	92.4
Mass.	30.2	31.3	37.0	36.1	6.6	9.8	10.1	10.0	2.0	4.8	97.6	92.7
R.I.	1.6	.8	.6	.6	.4	.3	.3	.3	-10.6	-5.6	99.3	99.3
Conn.	20.0	21.7	26.0	24.0	4.6	6.6	6.4	6.4	2.0	3.7	99.2	97.8
<b>M.A.</b>	<b>221.6</b>	<b>245.5</b>	<b>273.0</b>	<b>265.8</b>	<b>52.3</b>	<b>69.3</b>	<b>78.7</b>	<b>78.6</b>	<b>2.0</b>	<b>4.6</b>	<b>85.2</b>	<b>89.1</b>
N.Y.	97.8	109.5	115.5	107.3	22.7	28.9	31.8	31.8	1.0	3.8	67.6	76.8
N.J.	38.3	24.0	31.1	27.1	8.9	11.6	12.6	12.5	-3.8	3.8	97.0	97.9
Pa.	85.5	112.0	126.3	131.4	20.7	28.8	34.3	34.4	4.9	5.8	97.2	97.3
<b>E.N.C.</b>	<b>313.0</b>	<b>373.3</b>	<b>405.3</b>	<b>420.0</b>	<b>67.8</b>	<b>95.6</b>	<b>106.7</b>	<b>110.2</b>	<b>3.3</b>	<b>5.6</b>	<b>92.7</b>	<b>91.8</b>
Ohio	85.8	105.7	112.1	119.6	18.2	25.7	27.9	28.2	3.8	5.0	96.8	90.4
Ind.	59.3	65.4	68.0	73.9	12.2	14.6	16.9	18.4	2.5	4.7	87.7	94.4
Ill.	76.7	94.7	108.5	106.1	18.3	26.0	29.7	30.3	3.7	5.8	95.4	94.5
Mich.	61.4	72.3	78.0	81.4	12.1	20.0	22.0	22.8	3.2	7.2	90.2	89.5
Wis.	29.8	35.4	38.6	39.0	6.9	9.3	10.2	10.5	3.1	4.7	87.4	84.2
<b>W.N.C.</b>	<b>102.8</b>	<b>136.6</b>	<b>162.3</b>	<b>165.3</b>	<b>24.9</b>	<b>37.7</b>	<b>44.4</b>	<b>47.9</b>	<b>5.4</b>	<b>7.5</b>	<b>64.3</b>	<b>64.1</b>
Minn.	20.4	28.3	35.3	33.3	4.5	7.3	8.7	8.7	5.5	7.5	88.6	82.3
Iowa	15.1	16.4	18.0	20.5	3.7	5.5	6.6	7.4	3.5	7.9	90.6	84.4
Mo.	29.4	40.8	46.2	47.4	7.7	11.2	13.9	13.9	5.4	6.8	74.0	75.6
N. Dak.	6.7	8.4	13.0	13.9	1.4	1.7	2.2	2.9	8.3	8.6	4.1	6.4
S. Dak.	7.3	10.1	9.8	9.2	1.7	2.1	2.2	2.2	2.5	2.8	31.2	36.3
Nebr.	8.0	13.3	15.2	17.4	2.2	3.8	3.9	5.1	9.1	9.7	-	-
Kans.	15.9	19.2	24.7	23.6	3.7	6.0	6.8	7.6	4.5	8.5	83.4	75.9
<b>S.A.</b>	<b>263.5</b>	<b>355.5</b>	<b>411.7</b>	<b>417.9</b>	<b>56.6</b>	<b>95.2</b>	<b>108.8</b>	<b>110.2</b>	<b>5.3</b>	<b>7.7</b>	<b>90.4</b>	<b>89.4</b>
Del.	5.8	6.2	7.3	7.1	1.0	1.6	1.7	1.7	2.2	5.5	91.8	87.8
Md.	24.9	28.1	36.2	35.0	5.3	7.8	9.4	9.4	3.9	6.6	97.0	96.8
D.C.	3.1	1.2	1.8	1.0	1.1	1.3	1.3	1.3	-11.5	1.2	100.0	99.0
Va.	31.0	37.3	43.3	36.8	6.8	10.2	11.2	11.1	1.9	5.5	92.2	93.7
W. Va.	39.2	63.5	64.0	69.8	7.2	12.5	13.1	13.7	6.6	7.4	97.1	96.2
N.C.	53.2	54.6	65.1	69.8	10.0	15.2	16.1	16.1	3.1	5.5	95.0	95.7
S.C.	19.0	40.3	44.3	43.3	4.6	11.1	12.1	12.1	9.6	11.4	79.5	81.2
Ga.	29.4	44.2	55.2	58.6	6.7	13.4	15.6	16.6	8.0	10.5	91.9	90.6
Fla.	57.8	80.1	94.6	96.4	13.9	22.1	28.4	28.3	5.9	6.3	82.7	80.9
<b>E.S.C.</b>	<b>151.7</b>	<b>176.2</b>	<b>207.3</b>	<b>211.1</b>	<b>32.0</b>	<b>47.0</b>	<b>52.2</b>	<b>53.7</b>	<b>3.7</b>	<b>5.9</b>	<b>34.2</b>	<b>37.9</b>
Ky.	45.2	51.1	55.6	54.8	9.4	12.1	13.5	13.4	2.2	4.1	38.4	46.0
Tenn.	45.0	55.9	60.4	60.2	9.8	14.6	14.6	16.1	3.3	5.8	1.8	1.1
Ala.	49.9	57.1	71.6	78.9	10.2	15.6	18.6	18.5	5.2	6.9	44.6	49.6
Miss.	11.6	12.1	19.6	17.2	2.7	4.7	5.6	5.6	4.5	8.5	86.8	85.4
<b>W.S.C.</b>	<b>211.4</b>	<b>261.9</b>	<b>317.0</b>	<b>313.1</b>	<b>46.1</b>	<b>71.4</b>	<b>84.5</b>	<b>86.6</b>	<b>4.5</b>	<b>7.3</b>	<b>82.4</b>	<b>77.0</b>
Ark.	15.4	15.2	19.7	18.0	3.6	5.2	5.7	5.7	1.8	5.1	71.8	71.1
La.	46.4	50.1	61.8	56.1	9.2	13.3	14.7	14.6	2.1	5.3	75.6	77.6
Okla.	23.6	33.4	41.0	41.7	4.8	7.9	9.8	10.4	6.5	8.8	87.4	81.6
Tex.	125.9	163.2	194.5	197.2	28.4	44.9	54.3	56.0	5.1	7.8	84.2	76.6
<b>Mt.</b>	<b>76.9</b>	<b>115.8</b>	<b>141.0</b>	<b>153.5</b>	<b>17.8</b>	<b>28.6</b>	<b>33.5</b>	<b>35.2</b>	<b>8.0</b>	<b>7.9</b>	<b>67.1</b>	<b>64.1</b>
Mont.	10.0	11.9	16.8	15.7	1.8	2.4	3.1	3.2	5.1	6.3	67.1	62.6
Idaho	7.3	10.4	10.0	9.3	1.3	1.7	1.8	1.8	2.9	3.6	65.8	63.7
Wyo.	6.7	12.2	19.4	22.3	1.2	2.8	3.7	4.2	14.4	15.2	94.1	93.9
Colo.	12.3	16.8	21.2	22.6	2.9	4.4	4.8	5.5	7.0	7.3	65.5	60.5
N. Mex.	15.6	20.2	20.0	20.6	3.6	4.2	4.7	4.6	3.2	2.9	95.9	92.8
Ariz.	14.4	23.0	30.5	35.9	4.3	7.9	9.3	9.7	10.7	9.5	21.1	29.5
Utah	4.8	7.4	10.0	12.1	1.0	1.5	2.4	2.4	11.0	9.7	83.5	82.4
Nev.	5.9	13.8	13.1	14.9	1.6	3.6	3.7	3.9	10.8	10.2	87.9	80.8
<b>Pac.</b>	<b>233.4</b>	<b>264.4</b>	<b>283.7</b>	<b>290.6</b>	<b>48.9</b>	<b>81.1</b>	<b>67.6</b>	<b>71.1</b>	<b>2.5</b>	<b>4.3</b>	<b>50.1</b>	<b>47.0</b>
Wash.	73.0	93.5	99.8	91.5	13.0	17.1	19.9	22.6	2.5	6.3	12.5	11.4
Oreg.	30.5	35.0	34.1	35.7	5.7	7.8	8.1	8.0	1.8	3.9	34.1	45.2
Calif.	123.9	127.2	139.9	153.2	28.7	34.0	37.1	37.8	2.4	3.1	75.4	68.1
Alaska	1.5	2.5	3.2	3.3	.4	.7	1.1	1.2	9.1	12.6	2.7	3.7
Hawaii	4.4	6.2	6.8	6.8	1.1	1.4	1.6	1.5	4.9	3.5	94.3	92.3

- Represents zero.

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

<sup>2</sup> Percent privately owned electric utilities of total production or capacity.

Source: 1970, U.S. Federal Power Commission, *Electric Power Statistics*, monthly; thereafter, U.S. Energy Information Administration, *Six-Year Summary of Power Production and Generating Capacity Data* and *Annual Summary of Capacity, Production, and Fuel Consumption*.

**NO. 1045. ELECTRIC UTILITY INDUSTRY—CAPABILITY, PEAK LOAD, AND CAPABILITY MARGIN:  
1970 TO 1979**

[Excludes Alaska and Hawaii]

YEAR	CAPABILITY			PEAK LOAD		CAPABILITY MARGIN	
	Total (mil. kW)	Annual increase (mil. kW)	Percent annual increase <sup>1</sup>	Total (mil. kW)	Annual percent change <sup>1</sup>	Total (mil. kW)	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 .....	560.2	14.5	2.7	411.6	0.9	148.7	26.5
Winter .....	569.2	7.6	1.4	380.7	0.6	188.5	33.1

<sup>1</sup> Percent change from previous year; e.g., 1970 from 1969 and 1974 from 1973.

Source: Edison Electric Institute, Washington, D.C., 1978 *Statistical Year Book of the Electric Utility Industry* and 1980 *Annual Electric Power Survey*.

**NO. 1046. PRIVATELY AND PUBLICLY OWNED ELECTRIC UTILITY GENERATING PLANTS—NUMBER AND CAPACITY, BY TYPE AND SIZE OF PRIME MOVER: 1970 TO 1979**

[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	1976	1977	1978	1979	1970	1975	1976	1977	1978	1979
PRIVATELY OWNED												
Total .....	2,037	2,074	2,080	2,078	2,084	2,087	262.8	398.9	415.4	438.3	453.5	464.0
Steam conventional .....	672	622	623	621	618	620	222.4	303.8	316.3	332.3	342.4	350.9
Under 100,000 kW .....	220	153	148	143	138	135	8.2	6.2	5.9	5.7	5.6	5.6
100,000-500,000 kW .....	299	252	244	239	236	237	77.1	65.6	63.7	62.9	63.1	63.3
Over 500,000 kW .....	153	217	231	239	244	248	137.1	232.0	246.7	263.8	273.7	281.9
Steam, nuclear .....	15	35	37	41	42	43	5.7	33.5	35.4	41.7	45.0	46.1
Over 500,000 kW .....	7	29	31	36	37	37	4.5	32.3	34.1	40.8	44.1	44.8
Hydro .....	754	727	729	730	731	733	18.9	23.1	23.1	23.1	23.8	23.9
Over 25,000 kW .....	165	169	170	171	172	173	15.6	19.9	20.0	20.0	20.7	20.7
Gas turbine .....	265	388	391	395	404	406	14.4	37.0	38.8	39.6	40.5	41.4
Over 25,000 kW .....	126	261	264	270	276	279	12.1	34.9	36.7	37.4	38.4	39.3
Internal combustion .....	331	302	300	291	289	285	1.3	1.5	1.7	1.6	1.8	1.8
Under 5,000 kW .....	238	198	188	183	178	172	.5	.4	.4	.4	.4	.4
Over 5,000 kW .....	93	104	112	108	111	113	.9	1.1	1.3	1.2	1.4	1.4
PUBLICLY OWNED												
Total .....	1,496	1,517	1,501	1,509	1,502	1,486	78.8	109.3	115.6	121.9	125.6	134.3
Steam, conventional .....	326	316	305	305	304	305	37.7	49.6	52.1	56.0	57.7	61.5
Under 100,000 kW .....	254	226	209	205	201	195	6.9	6.9	6.6	6.6	6.4	6.2
100,000-500,000 kW .....	58	66	71	71	73	75	12.3	14.8	16.1	16.2	16.6	17.6
Over 500,000 kW .....	14	24	25	29	30	35	18.5	27.8	29.5	33.3	34.6	37.6
Steam, nuclear .....	1	10	11	8	8	8	.8	6.2	7.5	8.2	8.5	8.5
Over 500,000 kW .....	1	4	6	6	7	7	.8	4.9	6.6	7.7	8.5	8.5
Hydro .....	434	419	411	415	415	412	36.3	42.8	44.6	45.6	47.2	51.4
Over 25,000 kW .....	164	180	181	184	185	186	35.1	41.7	43.5	44.5	46.0	50.3
Gas turbine .....	58	109	120	125	125	131	1.1	7.1	7.7	8.4	8.5	9.1
Over 25,000 kW .....	12	46	53	59	60	65	.4	6.1	6.7	7.3	7.4	8.1
Internal combustion .....	677	663	654	656	650	630	3.0	3.6	3.6	3.7	3.8	3.7
Under 5,000 kW .....	471	404	397	391	387	361	1.0	.8	.8	.8	.8	.7
Over 5,000 kW .....	206	259	257	265	263	269	2.0	2.8	2.8	2.9	3.0	3.0

Source: U.S. Energy Information Administration, unpublished data.

# NO. 1047. FEDERAL ELECTRIC UTILITY PROJECTS—INSTALLED CAPACITY AND INVESTMENT ALLOCATED TO ELECTRIC PLANT: 1960 TO 1978

[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 <sup>1</sup> (mil. dol.)				
	1960	1970	1975	1977	1978	1960	1970	1975	1977	1978
<b>Total</b> .....	22,616	36,650	47,394	52,246	54,530	5,398	10,121	15,043	19,167	21,456
Percent capacity of all electric utilities.....	13.5	10.7	9.7	9.4	9.5	(x)	(x)	(x)	(x)	(x)
<b>Central Valley:</b>										
Bureau of Reclamation.....	630	1,322	1,331	1,141	1,141	138	213	332	181	239
<b>Columbia Basin:</b>										
Bonneville Power Admin. <sup>2</sup> .....	-	-	-	-	-	480	1,118	1,626	1,868	1,969
Bureau of Reclamation.....	2,282	2,464	2,733	3,967	5,167	277	359	621	693	859
Corps of Engineers.....	3,781	6,522	8,177	9,817	10,774	850	1,603	2,315	3,157	3,383
<b>Hoover and Parker-Davis:</b>										
Bureau of Reclamation.....	1,595	1,690	1,690	1,699	1,705	209	225	230	236	236
<b>Missouri Basin:</b>										
Bureau of Reclamation.....	397	693	691	684	708	304	508	552	606	609
Corps of Engineers.....	745	2,048	2,048	2,008	2,055	357	714	721	723	733
<b>Southeastern Power Admin:</b>										
Corps of Engineers.....	1,271	1,910	2,083	2,651	2,651	410	644	746	938	956
<b>Southwestern Power Admin:</b>										
S'western Power Admin. <sup>2</sup> .....	-	-	-	-	-	27	56	61	62	63
Corps of Engineers.....	601	1,533	1,847	1,917	1,926	203	438	611	614	615
<b>Tennessee Valley Authority</b> .....	11,032	17,256	25,450	27,018	27,032	2,054	3,703	6,671	9,239	10,926
<b>Other projects</b> .....	282	1,212	1,344	1,344	1,371	88	540	557	850	868

- Represents zero. X Not applicable. <sup>1</sup> Includes estimates. <sup>2</sup> 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. 1048. RURAL ELECTRIFICATION ADMINISTRATION—ELECTRIC PROGRAM, SUMMARY OF OPERATIONS: 1960 TO 1979

[Includes Virgin Islands and Puerto Rico. See also *Historical Statistics, Colonial Times to 1970*, series S 147-159]

ITEM	Unit	1960	1965	1970	1973	1974	1975	1976	1977	1978	1979 <sup>1</sup>
<b>Loans and guarantees approved Dec. 31: <sup>2</sup></b>											
Borrowers <sup>3</sup> .....	Number.....	1,087	1,103	1,096	1,091	1,094	1,095	1,093	1,097	1,101	1,098
REA amount.....	Mil. dol.....	4,258	5,793	7,496	8,945	9,674	10,440	11,180	12,068	12,993	13,950
Guaranteed amount.....	Mil. dol.....	-	-	-	-	1,075	2,450	6,124	8,573	10,395	16,760
Non-REA amount.....	Mil. dol.....	-	-	-	660	917	1,086	1,290	1,566	1,866	2,161
<b>Systems in operation, Dec. 31: <sup>4</sup></b>											
Systems <sup>5</sup> .....	Number.....	1,038	1,052	1,050	1,046	1,047	1,050	1,048	1,051	1,052	1,054
Miles energized <sup>6</sup> .....	1,000.....	1,465	1,567	1,676	1,767	1,796	1,828	1,857	1,890	1,918	1,950
Consumers served.....	1,000.....	4,826	5,541	6,442	7,457	7,768	8,018	8,312	8,631	8,963	9,275
<b>Borrowers' operations during year: <sup>7</sup></b>											
Energy generated.....	Bil. kWh.....	4.9	8.8	23.8	32.0	32.8	33.5	38.7	46.0	52.5	60.2
Energy purchased.....	Bil. kWh.....	26.1	39.1	60.5	79.2	84.5	91.9	100.1	102.6	107.5	109.1
Energy sold.....	Bil. kWh.....	27.3	42.7	76.0	100.7	105.7	112.7	123.2	131.5	141.9	150.1
Revenue.....	Mil. dol.....	615	847	1,309	1,913	2,316	2,972	3,556	4,212	5,017	5,770
Average monthly consumption per consumer:											
All consumers.....	kWh.....	466	654	948	1,120	1,149	1,191	1,254	1,313	1,339	1,335
Residential consumers <sup>8</sup> .....	kWh.....	357	479	687	793	803	840	866	910	937	919
Total utility plant.....	Bil. dol.....	3.7	5.0	7.7	9.0	10.1	11.8	14.0	17.3	20.4	23.6
Employees.....	1,000.....	(NA)	31.7	37.0	41.4	42.9	43.6	44.7	46.5	48.8	50.9

- Represents zero. NA Not available. <sup>1</sup> Preliminary, except loans approved. <sup>2</sup> Cumulative net (excludes loans rescinded).

<sup>3</sup> Organizations, mainly cooperatives, to which loans for extending central station electric service in rural areas are made. <sup>4</sup> Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Dec. 31, 1979, there were 111 such borrowers, with 26,690 miles energized and 150,754 consumers served. <sup>5</sup> Rural electric distribution, generation, and transmission systems operated by REA borrowers. <sup>6</sup> Pole miles of electric distribution and transmission line in service. <sup>7</sup> Excludes energy sales and revenues of power sold by one REA borrower to another. <sup>8</sup> Includes rural-nonfarm and farm consumers.

Source: U.S. Rural Electrification Administration, *Annual Statistical Report—Rural Electric Borrowers*.



# NO. 1049. ELECTRIC UTILITIES—BALANCE SHEET AND INCOME ACCOUNT OF PRIVATELY OWNED COMPANIES: 1960 TO 1978

[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	1973	1974	1975	1976	1977	1978
<b>COMPOSITE BALANCE SHEET</b>									
<b>Assets and other debits</b> .....	<b>44,742</b>	<b>56,395</b>	<b>87,417</b>	<b>124,849</b>	<b>142,990</b>	<b>157,104</b>	<b>173,080</b>	<b>192,055</b>	<b>211,093</b>
Electric utility plant <sup>1</sup> .....	45,456	59,703	93,303	130,840	146,007	160,711	177,566	196,815	218,001
Depreciation and amortization .....	8,889	13,631	20,253	26,227	28,870	31,891	35,567	39,814	44,482
Net electric utility plant .....	36,567	46,072	73,050	104,613	117,137	128,820	141,999	157,001	173,519
Other utility plant .....	4,852	6,613	8,974	10,799	11,281	11,673	12,097	12,619	13,182
Depreciation and amortization .....	963	1,418	2,095	2,620	2,865	3,107	3,368	3,662	3,932
Net other utility plant .....	3,889	5,195	6,879	8,179	8,416	8,566	8,729	8,957	9,250
Total utility plant .....	50,308	66,315	102,277	141,839	157,288	172,384	189,663	209,434	231,183
Depreciation and amortization .....	9,852	15,048	22,348	28,847	31,735	34,998	38,935	43,477	48,414
Net total utility plant .....	40,456	51,267	79,929	112,992	125,553	137,386	150,728	165,957	182,769
Other property and investments .....	1,004	1,247	1,742	3,412	4,014	4,498	4,822	5,607	6,375
Current and accrued assets .....	3,066	3,639	5,321	7,705	11,873	13,530	15,571	18,182	18,919
Deferred debits .....	216	242	425	940	1,550	1,691	1,959	2,309	3,030
<b>Liabilities and other credits</b> <sup>2</sup> .....	<b>44,742</b>	<b>56,395</b>	<b>87,417</b>	<b>124,849</b>	<b>142,990</b>	<b>157,104</b>	<b>173,080</b>	<b>192,055</b>	<b>211,093</b>
Capital stock .....	13,322	15,668	20,782	30,836	33,984	37,773	41,813	45,599	49,148
Other paid-in capital .....	1,747	2,622	4,400	8,048	9,419	11,531	13,444	15,513	17,899
Retained earnings .....	3,736	5,712	9,363	12,396	13,299	14,668	16,233	17,829	19,376
Subsidiary earnings <sup>3</sup> .....	(x)	(x)	(x)	394	485	602	667	795	943
Long-term debt .....	21,035	25,502	41,937	56,673	64,499	70,820	76,210	82,178	86,262
Current and accrued liabilities .....	3,112	4,222	7,309	10,963	15,240	13,655	14,054	16,035	18,317
Deferred credits and operating reserves .....	277	546	945	1,540	1,855	2,689	4,046	5,664	7,143
Deferred income taxes <sup>4</sup> .....	1,325	1,829	2,198	3,347	4,209	5,368	6,813	8,342	10,004
<b>COMPOSITE INCOME ACCOUNTS</b>									
Electric operating revenues .....	10,116	13,400	19,791	29,104	37,225	44,598	50,552	58,865	65,427
Electric operating expenses .....	7,917	10,286	15,310	22,677	30,134	36,075	41,126	48,579	54,345
Net electric operating revenues .....	2,199	3,104	4,481	6,427	7,091	8,523	9,426	10,286	11,082
Other utility operating income .....	198	304	404	433	485	522	634	589	652
Total utility operating income .....	2,397	3,409	4,885	6,860	7,566	9,045	10,060	10,875	11,734
Other income .....	178	191	774	1,571	1,992	2,208	2,489	2,159	2,516
Total income .....	2,575	3,600	5,659	8,431	9,578	11,253	12,549	13,034	14,250
Income deductions .....	792	1,019	2,251	3,500	4,454	5,091	5,355	5,026	5,533
Net income <sup>5</sup> .....	1,783	2,581	3,408	5,041	5,470	6,132	7,201	8,011	8,717

X Not applicable. <sup>1</sup> Includes construction work in progress. <sup>2</sup> Includes contributions in aid of construction through 1973. <sup>3</sup> Unappropriated undistributed. <sup>4</sup> Cumulative. <sup>5</sup> Beginning 1973, includes net extraordinary income.

Source: 1960-1975, U.S. Federal Power Commission and, thereafter, U.S. Energy Information Administration, *Statistics of Privately Owned Electric Utilities in the United States*, annual.

## NO. 1050. LARGEST PUBLIC UTILITY COMPANIES—ASSETS, REVENUES, INCOME, AND STOCKHOLDERS' EQUITY, BY RANK OF ASSETS: 1970 AND 1979

[In millions of dollars, except percent. Excludes telephone and telegraph companies. As of Dec. 31 or calendar year, as applicable]

ASSET GROUP	1970				1979			
	Assets <sup>1</sup>	Operating revenues <sup>2</sup>	Net income	Stockholders' equity <sup>3</sup>	Assets <sup>1</sup>	Operating revenues <sup>2</sup>	Net income	Stockholders' equity <sup>3</sup>
<b>40 largest (mil. dol.)</b> .....	<b>73,787</b>	<b>21,349</b>	<b>2,640</b>	<b>26,244</b>	<b>185,187</b>	<b>74,710</b>	<b>7,158</b>	<b>63,175</b>
Lowest ten (mil. dol.) .....	11,135	3,445	432	4,110	27,190	9,105	1,052	8,748
Second ten (mil. dol.) .....	13,944	4,489	505	4,911	34,030	14,540	1,453	11,459
Third ten (mil. dol.) .....	18,066	5,697	628	5,832	46,651	20,742	1,825	15,620
Highest ten (mil. dol.) .....	30,642	7,728	1,075	11,391	77,316	30,323	2,829	27,348
Percent of total:								
Lowest ten .....	15.1	16.1	16.4	15.7	14.7	12.2	14.7	13.8
Second ten .....	18.9	21.0	19.1	18.7	18.4	19.5	20.3	18.1
Third ten .....	24.5	26.6	23.8	22.2	25.2	27.8	25.5	24.7
Highest ten .....	41.5	36.2	40.7	43.4	41.8	40.6	39.5	43.3

<sup>1</sup> Total assets employed in business, net of depreciation; includes consolidated subsidiaries. <sup>2</sup> Gross receipts from operations during year; includes nonutility revenues from manufacturing, transportation, etc. <sup>3</sup> 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. 1051. ELECTRIC LIGHT AND POWER INDUSTRY—ENERGY GENERATED, SALES, REVENUE, AND CUSTOMERS: 1950 TO 1979

[Prior to 1960, excludes Alaska and Hawaii. Sales and revenue are to and from ultimate customers]

CLASS	Unit	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978	1979
Energy generated <sup>1</sup>	Bil. kWh	329	547	753	1,055	1,532	1,867	1,916	2,037	2,124	2,206	2,247
Sales <sup>2</sup>	Bil. kWh	281	481	683	953	1,391	1,701	1,733	1,850	1,951	2,018	2,077
Residential or domestic	Bil. kWh	70	125	196	281	448	555	586	613	652	679	694
Percent of total	Percent	25.0	26.1	28.7	29.5	32.2	32.6	33.8	33.2	33.4	33.6	33.4
Commercial <sup>3</sup>	Bil. kWh	52	78	115	202	313	393	418	441	469	481	494
Industrial <sup>4</sup>	Bil. kWh	142	258	345	433	573	689	662	725	757	782	813
Revenue <sup>2</sup>	Bil. dol.	5.1	8.0	11.5	15.2	22.1	39.1	46.9	53.5	62.6	69.9	77.6
Residential or domestic	Bil. dol.	2.0	3.3	4.9	6.3	9.4	15.7	18.8	21.1	24.7	27.4	30.0
Percent of total	Percent	39.7	41.4	42.2	41.8	42.7	40.1	40.1	39.6	39.4	39.2	38.7
Commercial <sup>3</sup>	Bil. dol.	1.4	1.9	2.8	4.3	6.3	11.2	13.5	15.2	18.0	19.7	21.7
Industrial <sup>4</sup>	Bil. dol.	1.4	2.4	3.3	3.9	5.4	10.7	12.7	15.0	17.6	20.3	23.2
Ultimate customers, Dec. 31 <sup>2</sup>	Mill.	45.0	52.6	58.9	65.6	72.5	80.1	81.8	83.6	85.6	87.7	89.5
Residential or domestic	Mill.	38.9	45.8	51.4	57.6	64.0	71.0	72.6	74.2	75.9	77.8	79.4
Commercial <sup>3</sup>	Mill.	5.6	6.2	6.8	7.4	7.9	8.5	8.6	8.8	8.9	9.1	9.4
Industrial <sup>4</sup>	Mill.	.3	.4	.5	.3	.4	.4	.4	.4	.4	.5	.5
Avg. kWh used per customer	1,000	6.4	9.3	11.7	14.7	19.4	21.4	21.4	22.4	23.1	23.3	23.4
Residential	1,000	1.8	2.8	3.9	4.9	7.1	7.9	8.2	8.4	8.7	8.8	8.8
Commercial <sup>3</sup>	1,000	9.3	12.7	17.0	27.4	40.0	46.6	49.0	50.7	52.9	53.1	53.2
Avg. annual bill per customer	Dol.	115	155	198	234	308	493	578	646	740	807	876
Residential	Dol.	53	73	95	111	148	224	262	288	329	357	382
Commercial <sup>3</sup>	Dol.	245	316	418	584	803	1,327	1,582	1,755	2,031	2,176	2,337
Avg. revenue per kWh sold	Cents.	1.81	1.67	1.69	1.59	1.59	2.30	2.70	2.89	3.21	3.46	3.73
Residential	Cents.	2.88	2.65	2.47	2.25	2.10	2.83	3.21	3.45	3.76	4.03	4.33
Commercial <sup>3</sup>	Cents.	2.63	2.50	2.46	2.13	2.01	2.85	3.23	3.46	3.84	4.10	4.39
Industrial <sup>4</sup>	Cents.	1.02	.94	.97	.90	.95	1.55	1.92	2.07	2.33	2.59	2.85

<sup>1</sup> Source: 1950-1975, U.S. Federal Power Commission; thereafter, U.S. Energy Information Administration, unpublished data. <sup>2</sup> Includes other types not shown separately. <sup>3</sup> Small light and power. <sup>4</sup> Large light and power.

Source: Except as noted, Edison Electric Institute, Washington, D.C., *Statistical Year Book*.

## NO. 1052. ELECTRIC ENERGY SALES, BY CLASS OF SERVICE, AND BY STATES: 1978

[In billions of kilowatthours]

STATE	Total <sup>1</sup>	Residential	Commercial	Industrial	STATE	Total <sup>1</sup>	Residential	Commercial	Industrial
Total	2,004.8	671.1	459.9	800.7	S.A.—Con.				
N.E.	75.2	28.0	23.1	21.9	W. Va.	19.5	6.1	3.2	10.1
Maine	8.0	3.0	1.6	3.2	N.C.	60.4	22.6	12.1	24.1
N.H.	5.8	2.4	1.0	2.3	S.C.	35.6	11.7	7.8	15.4
Vt.	3.5	1.5	.6	1.1	Ga.	49.1	19.2	10.9	18.5
Mass.	32.3	11.2	11.8	8.2	Fla.	84.7	41.8	23.2	17.3
R.I.	5.0	1.8	1.6	1.3	E.S.C.	180.3	59.8	28.1	89.1
Conn.	20.6	8.1	6.5	5.8	Ky.	36.1	8.7	4.7	21.1
M.A.	248.9	76.4	66.3	94.5	Tenn.	72.4	26.0	12.8	32.8
N.Y.	103.4	29.9	32.0	32.1	Ala.	49.5	15.7	6.5	27.0
N.J.	47.9	15.7	15.4	16.4	Miss.	22.3	9.4	4.1	8.2
Pa.	97.6	30.8	18.9	46.0	W.S.C.	264.6	86.9	54.1	111.9
E.N.C.	385.8	113.9	76.1	182.7	Ark.	24.0	9.3	4.2	9.6
Ohio	119.3	31.5	18.0	66.2	La.	48.3	15.4	7.9	20.9
Ind.	59.8	18.3	9.0	32.0	Okla.	28.5	11.1	6.4	9.3
Ill.	97.4	29.1	26.0	35.8	Tex.	163.8	51.1	35.6	72.2
Mich.	73.5	21.9	14.5	35.6	Mt.	99.5	31.4	26.6	37.8
Wis.	35.8	13.1	8.6	13.1	Mont.	10.8	2.8	1.8	6.1
W.N.C.	136.3	53.8	31.9	48.6	Idaho	13.0	4.5	3.7	4.7
Minn.	31.5	11.3	4.6	14.8	Wyo.	6.1	1.2	.9	4.0
Iowa	24.0	9.6	5.2	8.6	Colo.	18.9	5.9	5.8	6.5
Mo.	39.5	16.1	10.9	11.4	N. Mex.	8.1	2.3	2.6	2.6
N. Dak.	4.9	2.4	.8	1.4	Ariz.	24.0	8.4	6.8	7.4
S. Dak.	4.8	2.5	.9	1.2	Utah	9.7	2.9	2.3	3.9
Nebr.	13.1	5.3	3.5	3.8	Nev.	8.9	3.4	2.7	2.6
Kans.	20.5	6.6	6.0	7.4	Pac.	272.4	86.9	73.3	100.1
S.A.	339.8	134.0	80.4	114.1	Wash.	65.3	21.9	9.7	31.3
Del.	5.7	1.8	1.4	2.4	Oreg.	36.0	12.8	9.1	13.6
Md. <sup>2</sup>	38.9	12.1	10.8	15.3	Calif.	162.6	49.3	52.4	51.8
Va.	45.9	18.7	11.0	11.0	Alaska	2.6	1.1	.8	.6
					Hawaii	5.9	1.8	1.3	2.8

<sup>1</sup> Includes other service, not shown separately. <sup>2</sup> Includes District of Columbia.

Source: U.S. Energy Information Administration, unpublished data.

**No. 1053. PRIVATELY OWNED GAS UTILITY INDUSTRY—BALANCE SHEET AND INCOME ACCOUNT:  
1960 TO 1979**

[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	1974	1975	1976	1977	1978	1979
<b>COMPOSITE BALANCE SHEET</b>									
<b>Assets, total <sup>1</sup></b>	<b>20,000</b>	<b>25,640</b>	<b>34,929</b>	<b>46,607</b>	<b>50,286</b>	<b>55,261</b>	<b>59,697</b>	<b>62,918</b>	<b>70,245</b>
Total utility plant	20,835	28,205	38,541	47,484	49,384	52,066	55,020	59,033	62,710
Depreciation and amortization	4,570	7,205	10,696	15,358	16,779	18,693	20,586	22,861	24,400
Utility plant (net)	16,265	21,000	27,845	32,126	32,605	33,373	34,434	36,172	38,310
Investment and fund accounts <sup>1</sup>	1,380	1,885	3,024	7,539	9,198	10,876	12,513	12,805	14,097
Current and accrued assets	2,185	2,545	3,674	6,060	7,543	9,707	11,194	12,129	15,427
Deferred debts <sup>2</sup>	170	210	386	882	940	1,305	1,556	1,815	2,411
<b>Liabilities, total <sup>1</sup></b>	<b>20,000</b>	<b>25,640</b>	<b>34,929</b>	<b>46,607</b>	<b>50,286</b>	<b>55,261</b>	<b>59,697</b>	<b>62,918</b>	<b>70,245</b>
Capitalization, total <sup>1</sup>	16,940	21,520	28,646	36,360	39,044	42,379	44,316	45,830	48,165
Capital stock <sup>1</sup>	7,810	10,005	12,965	17,942	19,500	21,593	23,840	25,585	27,135
Long-term debts	9,130	11,515	15,681	18,418	19,544	20,786	20,476	20,245	21,030
Current and accrued liabilities	2,420	3,035	4,832	7,765	8,158	9,063	10,636	11,704	16,024
Deferred income taxes <sup>3</sup>	350	660	788	1,665	2,052	2,525	2,794	2,991	3,798
Other liabilities and credits	290	425	663	817	1,032	1,294	1,951	2,393	2,257
<b>COMPOSITE INCOME ACCOUNT</b>									
Operating revenues, total	8,696	11,525	16,380	24,195	30,550	37,618	46,309	52,995	66,931
Operating expenses <sup>4</sup>	7,587	10,063	14,306	21,329	27,480	34,217	42,685	49,272	62,887
Operation and maintenance	5,951	7,973	11,636	17,450	22,957	28,949	36,958	43,108	56,281
Federal, State, and local taxes	1,058	1,292	1,569	2,291	2,763	3,363	3,719	3,980	4,294
Operating income	1,109	1,462	2,074	2,865	3,070	3,402	3,624	3,723	4,043
Utility operating income	1,137	1,503	2,159	3,012	3,221	3,543	3,776	3,944	4,296
Income before interest charges <sup>1</sup>	1,247	1,660	2,457	3,856	4,137	4,646	4,996	5,385	6,303
Net income <sup>1</sup>	830	1,107	1,427	2,303	2,502	2,877	3,193	3,443	4,208
Dividends	581	781	1,006	1,363	1,509	1,783	1,959	2,117	2,362

<sup>1</sup> Beginning 1974, not comparable with earlier years due to Federal Power Commission ruling requiring adoption of the equity method in reporting earnings of subsidiaries. <sup>2</sup> Includes capital stock discount and expense and reacquired securities. <sup>3</sup> Includes reserves for deferred income taxes. <sup>4</sup> Includes expenses not shown separately.

**No. 1054. GAS UTILITY INDUSTRY—SUMMARY: 1950 TO 1979**

[Excludes Hawaii through 1955 and Alaska through 1960. 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	1950	1955	1960	1965	1970	1974	1975	1976	1977	1978	1979
<b>Customers <sup>1</sup> (1,000)</b>	<b>24,001</b>	<b>28,479</b>	<b>33,054</b>	<b>37,338</b>	<b>41,482</b>	<b>44,267</b>	<b>44,555</b>	<b>44,942</b>	<b>45,274</b>	<b>45,789</b>	<b>46,478</b>
Residential	22,146	26,283	30,418	34,341	38,097	40,628	40,950	41,338	41,682	42,183	42,821
Commercial	1,739	2,048	2,458	2,790	3,131	3,392	3,367	3,371	3,371	3,370	3,423
Industrial and other	116	149	178	207	254	249	237	233	220	236	234
<b>Sales <sup>2</sup> (trillion Btu <sup>3</sup>)</b>	<b>4,209</b>	<b>6,659</b>	<b>9,288</b>	<b>11,980</b>	<b>16,044</b>	<b>16,000</b>	<b>14,863</b>	<b>14,814</b>	<b>14,341</b>	<b>14,748</b>	<b>15,440</b>
Residential	1,384	2,239	3,188	3,999	4,923	4,865	4,991	5,014	4,946	5,107	5,083
Percent of total	32.9	33.6	34.3	33.4	30.7	30.4	33.6	33.9	34.5	34.6	32.9
Commercial	410	603	920	1,345	2,007	2,293	2,387	2,423	2,409	2,500	2,486
Industrial	2,289	3,535	4,710	6,146	8,439	8,153	6,837	7,107	6,711	6,841	7,555
Other	126	282	470	490	674	689	648	270	275	301	316
<b>Revenues <sup>2</sup> (mil. dol.)</b>	<b>1,948</b>	<b>3,450</b>	<b>5,617</b>	<b>7,407</b>	<b>10,283</b>	<b>15,242</b>	<b>19,101</b>	<b>23,701</b>	<b>28,303</b>	<b>32,150</b>	<b>38,947</b>
Residential	1,177	2,007	3,177	4,030	5,207	6,899	8,445	9,941	11,541	12,939	14,893
Percent of total	60.4	58.2	56.6	54.4	50.6	44.9	44.2	41.9	40.8	40.2	38.1
Commercial	266	424	723	1,054	1,620	2,539	3,302	4,075	4,980	5,696	6,624
Industrial	480	938	1,563	2,148	3,181	5,391	6,745	9,374	11,385	13,065	16,961
Other	26	81	153	176	274	413	608	311	397	450	530
<b>Prices (dol. per mil. Btu <sup>3</sup>)</b>	<b>.46</b>	<b>.52</b>	<b>.60</b>	<b>.62</b>	<b>.64</b>	<b>.95</b>	<b>1.29</b>	<b>1.60</b>	<b>1.97</b>	<b>2.18</b>	<b>2.52</b>
Residential	.85	.90	1.00	1.01	1.06	1.42	1.69	1.98	2.33	2.53	2.92
Commercial	.65	.70	.79	.78	.81	1.11	1.38	1.68	2.07	2.29	2.66
Industrial	.21	.27	.33	.35	.38	.66	.99	1.32	1.70	1.91	2.24
<b>Gas mains mileage (1,000)</b>	<b>387</b>	<b>497</b>	<b>631</b>	<b>768</b>	<b>913</b>	<b>974</b>	<b>980</b>	<b>987</b>	<b>998</b>	<b>1,013</b>	<b>1,030</b>
Field and gathering	33	46	56	62	66	66	68	70	71	75	78
Transmission	113	146	184	211	252	262	263	258	260	261	263
Distribution	242	305	391	495	595	646	649	659	667	678	688
<b>Construction expenditure <sup>4</sup></b> <b>(mil. dol.)</b>	<b>1,198</b>	<b>1,345</b>	<b>1,845</b>	<b>1,935</b>	<b>2,506</b>	<b>2,965</b>	<b>2,466</b>	<b>2,425</b>	<b>2,833</b>	<b>3,581</b>	<b>4,366</b>
Transmission	716	593	848	776	1,019	632	590	530	670	935	1,226
Distribution	299	500	696	824	913	1,097	910	926	1,048	1,228	1,448
Production and storage	144	198	216	225	370	1,060	831	828	943	1,202	1,406

<sup>1</sup> Annual average. <sup>2</sup> Excludes sales for resale. <sup>3</sup> For definition, see text, p. 601. <sup>4</sup> Includes general.

Source of tables 1053 and 1054: American Gas Association, Arlington, Va., *Gas Facts*, annual. (Copyright.)

**NO. 1055. GAS UTILITY INDUSTRY—CUSTOMERS, SALES, AND REVENUES, BY CLASS OF SERVICE,  
AND STATES: 1979**

[See headnote, table 1054]

REGION AND STATE	CUSTOMERS <sup>1</sup> (1,000)				SALES <sup>2</sup> (trillion Btu <sup>4</sup> )				REVENUES <sup>3</sup> (mil. dol.)			
	Total <sup>2</sup>	Resi- dential	Com- mercial	Indus- trial	Total <sup>2</sup>	Resi- dential	Com- mercial	Indus- trial	Total <sup>2</sup>	Resi- dential	Com- mercial	Indus- trial
<b>U.S.</b>	<b>46,478</b>	<b>42,821</b>	<b>3,423</b>	<b>189</b>	<b>15,440</b>	<b>5,083</b>	<b>2,486</b>	<b>7,555</b>	<b>38,947</b>	<b>14,833</b>	<b>6,624</b>	<b>16,961</b>
<b>N. Eng.</b>	<b>1,700</b>	<b>1,570</b>	<b>117</b>	<b>9</b>	<b>286</b>	<b>137</b>	<b>73</b>	<b>72</b>	<b>1,154</b>	<b>625</b>	<b>289</b>	<b>229</b>
Maine	15	13	2	(Z)	2	1	1	1	9	3	3	3
N.H.	53	48	5	(Z)	9	4	2	2	31	15	8	7
Vt.	15	13	1	(Z)	5	1	1	2	17	5	3	8
Mass.	1,060	983	69	5	174	86	47	38	711	394	189	119
R.I.	164	152	10	1	28	14	4	10	102	58	17	27
Conn.	395	361	31	2	69	32	18	19	285	150	69	66
<b>Mid. Atl.</b>	<b>8,080</b>	<b>7,498</b>	<b>548</b>	<b>24</b>	<b>1,593</b>	<b>775</b>	<b>281</b>	<b>504</b>	<b>5,205</b>	<b>2,830</b>	<b>925</b>	<b>1,355</b>
N.Y.	3,924	3,679	225	12	588	336	112	119	2,101	1,321	373	341
N.J.	1,843	1,655	183	5	288	144	63	81	1,089	598	242	248
Pa.	2,313	2,164	140	6	717	295	107	305	2,014	911	310	766
<b>E. No. Cent.</b>	<b>10,598</b>	<b>9,788</b>	<b>759</b>	<b>48</b>	<b>3,902</b>	<b>1,642</b>	<b>748</b>	<b>1,502</b>	<b>10,095</b>	<b>4,575</b>	<b>1,946</b>	<b>3,549</b>
Ohio	2,724	2,525	190	6	960	423	171	360	2,466	1,174	438	836
Ind.	1,225	1,120	100	4	492	174	72	245	1,170	461	176	529
Ill.	3,266	3,012	233	19	1,194	530	250	412	3,249	1,536	672	1,039
Mich.	2,374	2,206	158	9	889	388	191	310	2,236	1,023	488	725
Wis.	1,010	924	78	8	366	127	64	175	975	382	172	420
<b>W. No. Cent.</b>	<b>4,063</b>	<b>3,682</b>	<b>362</b>	<b>17</b>	<b>1,489</b>	<b>550</b>	<b>313</b>	<b>615</b>	<b>3,272</b>	<b>1,405</b>	<b>706</b>	<b>1,145</b>
Minn.	783	711	65	7	276	111	51	112	693	320	136	233
Iowa	743	662	78	2	267	97	57	112	632	261	138	230
Mo.	1,209	1,123	85	1	350	167	96	85	898	448	230	157
N. Dak.	82	73	10	(Z)	25	12	11	2	67	33	28	5
S. Dak.	100	88	11	1	26	13	8	6	63	33	19	11
Nebr.	434	376	55	2	160	57	38	65	320	134	76	111
Kans.	713	649	59	5	383	95	50	233	658	175	78	397
<b>So. Atl.</b>	<b>3,980</b>	<b>3,648</b>	<b>313</b>	<b>14</b>	<b>1,236</b>	<b>348</b>	<b>206</b>	<b>615</b>	<b>3,255</b>	<b>1,206</b>	<b>586</b>	<b>1,360</b>
Del.	80	75	5	(Z)	21	7	3	9	65	28	11	24
Md.	768	714	48	5	153	70	22	60	486	263	76	147
D.C.	149	134	16	(Z)	26	14	10	2	92	51	36	6
Va.	519	474	42	2	128	48	29	50	385	173	89	117
W. Va.	393	360	32	(Z)	138	49	24	65	359	143	61	155
N.C.	356	315	39	2	122	31	21	69	355	107	66	179
S.C.	288	260	26	1	132	21	16	88	292	70	40	172
Ga.	998	921	75	2	293	90	54	145	754	301	134	313
Fla.	428	395	32	1	223	19	27	126	467	68	73	247
<b>E. So. Cent.</b>	<b>2,190</b>	<b>1,980</b>	<b>193</b>	<b>7</b>	<b>799</b>	<b>213</b>	<b>115</b>	<b>452</b>	<b>1,840</b>	<b>572</b>	<b>279</b>	<b>951</b>
Ky.	624	568	53	1	184	79	34	65	412	188	77	133
Tenn.	503	438	58	2	217	48	37	129	477	112	91	269
Ala.	670	620	46	2	234	55	28	151	580	184	70	325
Miss.	393	353	37	1	163	31	16	106	371	87	40	225
<b>W. So. Cent.</b>	<b>5,418</b>	<b>4,939</b>	<b>445</b>	<b>27</b>	<b>3,220</b>	<b>459</b>	<b>254</b>	<b>2,362</b>	<b>6,979</b>	<b>1,197</b>	<b>599</b>	<b>4,995</b>
Ark.	480	425	53	2	208	47	29	131	347	89	51	204
La.	974	907	64	3	563	77	28	444	1,139	198	64	856
Okla.	798	722	73	4	491	83	48	357	873	175	92	603
Tex.	3,166	2,887	255	19	1,959	251	149	1,431	4,621	735	392	3,332
<b>Mt.</b>	<b>2,618</b>	<b>2,373</b>	<b>232</b>	<b>9</b>	<b>908</b>	<b>278</b>	<b>175</b>	<b>435</b>	<b>2,049</b>	<b>717</b>	<b>412</b>	<b>880</b>
Mont.	182	162	20	1	65	25	17	20	139	55	33	45
Idaho	109	94	15	(Z)	50	9	10	31	143	33	32	78
Wyo.	116	102	13	(Z)	57	15	11	29	113	38	26	48
Colo.	811	724	85	2	254	98	72	84	577	243	168	163
N. Mex.	318	282	29	3	135	31	17	75	297	81	38	152
Ariz.	567	522	42	2	147	34	22	88	361	114	55	166
Utah	361	338	22	1	124	52	16	57	228	110	28	90
Nev.	155	149	6	(Z)	75	15	11	50	192	42	31	117
<b>Pac.</b>	<b>7,832</b>	<b>7,342</b>	<b>454</b>	<b>36</b>	<b>2,009</b>	<b>681</b>	<b>321</b>	<b>999</b>	<b>5,097</b>	<b>1,705</b>	<b>882</b>	<b>2,497</b>
Wash.	364	320	43	1	154	35	34	84	477	129	112	233
Oreg.	266	233	32	1	92	21	17	55	308	87	61	160
Calif.	7,129	6,726	371	32	1,729	617	262	847	4,243	1,468	690	2,078
Alaska	39	34	5	(Z)	30	7	7	11	36	13	9	10
Hawaii	33	29	2	2	4	1	1	2	33	8	9	16

Z. Fewer than 500. <sup>1</sup> Averages for the year. <sup>2</sup> Includes other service, not shown separately. <sup>3</sup> Excludes sales for resale. <sup>4</sup> For definition, see headnote, table 1025.

Source: American Gas Association, Arlington, Va., *Gas Facts*, annual. (Copyright.)

## NO. 1056. GAS UTILITY INDUSTRY—PRICES, BY STATE: 1970 TO 1979

[In dollars per million Btu. For definition of Btu, see headnote, table 1025. Excludes sales for resale]

DIVISION AND STATE	1970	1975	1979				DIVISION AND STATE	1970	1975	1979			
			Total	Residential	Commercial	Industrial				Total	Residential	Commercial	Industrial
U.S.....	.64	1.29	2.52	2.92	2.66	2.24	So. Atl.—Con.						
N. Eng.....	1.60	2.87	4.04	4.55	3.95	3.20	W. Va.....	.64	1.24	2.60	2.92	2.57	2.37
Maine.....	2.23	3.04	4.56	5.93	4.58	3.59	N.C.....	.70	1.58	2.90	3.49	3.12	2.58
N.H.....	1.54	2.21	3.51	3.82	3.39	3.28	S.C.....	.62	1.10	2.21	3.39	2.50	1.96
VI.....	2.22	2.06	3.62	3.88	3.46	3.51	Ga.....	.57	1.12	2.58	3.33	2.46	2.15
Mass.....	1.64	2.91	4.10	4.58	4.01	3.17	Fla.....	.55	1.15	2.09	3.70	2.76	1.96
R.I.....	1.36	2.82	3.65	4.25	3.91	2.71	E. So. Cent.....	.51	1.03	2.30	2.69	2.43	2.11
Conn.....	1.60	2.93	4.15	4.72	3.89	3.44	Ky.....	.67	1.11	2.23	2.39	2.28	2.04
Mid. Atl.....	1.08	1.97	3.27	3.65	3.29	2.69	Tenn.....	.53	1.00	2.19	2.34	2.47	2.08
N.Y.....	1.21	2.14	3.57	3.93	3.34	2.88	Ala.....	.52	1.04	2.48	3.36	2.51	2.15
N.J.....	1.26	2.31	3.78	4.16	3.86	3.05	Miss.....	.38	.95	2.28	2.79	2.51	2.11
Pa.....	.87	1.68	2.81	3.09	2.90	2.51	W. So. Cent.....	.35	.99	2.17	2.63	2.36	2.11
E. No. Cent.....	.74	1.34	2.59	2.79	2.60	2.36	Ark.....	.37	.80	1.69	2.01	1.79	2.01
Ohio.....	.73	1.35	2.57	2.78	2.57	2.32	La.....	.30	.85	2.02	2.57	2.27	1.93
Ind.....	.71	1.16	2.38	2.65	2.45	2.16	Okla.....	.46	.79	1.78	2.09	1.89	1.69
Ill.....	.73	1.35	2.72	2.90	2.69	2.52	Tex.....	.35	1.10	2.35	2.93	2.64	2.33
Mich.....	.78	1.43	2.51	2.63	2.56	2.34	Mt.....	.49	.99	2.26	2.58	2.36	2.02
Wis.....	.80	1.31	2.66	3.02	2.67	2.40	Mont.....	.54	1.03	2.15	2.22	1.89	2.25
W. No. Cent.....	.56	1.00	2.20	2.55	2.26	1.86	Idaho.....	.67	1.48	2.83	3.69	3.19	2.48
Minn.....	.67	1.19	2.50	2.89	2.67	2.09	Wyo.....	.34	.70	1.99	2.49	2.33	1.65
Iowa.....	.62	1.04	2.36	2.70	2.41	2.05	Colo.....	.48	.90	2.27	2.49	2.35	1.95
Mo.....	.54	1.18	2.40	2.69	2.39	1.84	N. Mex.....	.42	.88	2.20	2.64	2.29	2.02
N. Dak.....	.82	1.26	2.66	2.87	2.44	2.67	Ariz.....	.57	1.19	2.45	3.33	2.53	2.10
S. Dak.....	.71	1.05	2.38	2.61	2.29	1.99	Utah.....	.46	.85	1.84	2.13	1.79	1.59
S. Nebr.....	.51	.90	2.00	2.34	2.02	1.69	Nev.....	.58	1.30	2.54	2.94	2.90	2.35
Kans.....	.39	.69	1.72	1.85	1.55	1.71	Pac.....	.58	1.31	2.54	2.50	2.75	2.50
So. Atl.....	.72	1.39	2.63	3.46	2.84	2.21	Wash.....	.65	1.55	3.10	3.70	3.28	2.78
Del.....	.93	1.73	3.12	3.91	3.48	2.55	Oreg.....	.74	1.80	3.33	4.13	3.66	2.93
Md.....	1.13	1.97	3.18	3.75	3.40	2.44	Calif.....	.58	1.26	2.45	2.38	2.63	2.45
D.C.....	1.28	2.21	3.58	3.74	3.46	3.09	Alaska.....	.70	.81	1.21	1.87	1.32	0.89
Va.....	.95	1.78	3.00	3.63	3.10	2.37	Hawaii.....	2.76	6.78	9.34	10.83	9.09	6.64

Source: American Gas Association, Arlington, Va., *Gas Facts*, annual (copyright).

## NO. 1057. WATER POWER—DEVELOPED AND UNDEVELOPED, BY DIVISION: 1950 TO 1978

[In millions of kilowatts. As of Dec. 31. Excludes Alaska and Hawaii for 1950 and all capacity of reversible equipment at pumped storage projects (10.7 million kW in 1978). 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	1977	1978	1950	1960	1965	1970	1975	1977	1978	1978	1978
U.S.....	18.7	33.2	44.5	52.0	57.0	59.4	61.0	87.6	114.2	124.1	128.0	113.7	109.6	115.9		
N. Eng.....	1.2	1.5	1.5	1.5	1.5	1.5	1.5	3.3	2.9	3.2	3.3	3.3	3.4	2.8		
Mid. Atl.....	1.7	2.5	4.8	4.3	4.2	4.2	4.2	6.6	7.6	5.0	4.5	4.3	4.5	4.6		
E. No. Cent.....	.9	.9	.9	.9	.9	1.0	1.0	2.3	3.0	1.4	1.6	1.4	1.3	1.4		
W. No. Cent.....	.6	1.6	3.0	2.7	2.8	2.8	2.8	5.8	6.4	4.1	4.4	2.1	2.1	3.3		
So. Atl.....	2.8	3.8	5.2	5.3	5.8	5.8	5.8	8.2	8.4	10.0	9.6	8.4	7.2	8.5		
E. So. Cent.....	2.7	3.8	4.5	5.2	5.5	5.6	5.3	4.7	4.6	4.3	3.8	3.1	2.9	3.5		
W. So. Cent.....	.5	.9	1.7	1.9	2.3	2.3	2.3	3.6	3.9	3.1	3.3	2.7	2.4	2.8		
MI.....	2.3	4.6	5.6	6.2	6.9	7.1	7.3	23.4	23.6	26.5	26.7	19.6	18.3	17.8		
Pac.....	6.0	13.6	17.4	23.9	27.2	29.1	30.8	29.8	53.8	66.5	70.9	68.8	67.5	71.2		

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. 1058. SOLAR COLLECTOR SHIPMENTS, BY TYPE, 1974 TO 1979, AND USE, 1978 AND 1979

[In thousands of sq. 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]

ITEM	1974	1975	1976	1977	1978	1979	END USE	1978	1979
Number of manufacturers.....	45	131	186	321	351	347	Total shipments.....	10,860	14,340
Producer shipments, total.....	1,274	3,743	5,801	10,312	10,860	14,340	Pool heating.....	5,970	8,598
Low temperature collector.....	1,137	3,026	3,876	4,743	5,873	8,368	Domestic hot water.....	2,513	2,910
Medium temperature, special, and other collectors.....	137	717	1,925	5,569	4,988	5,952	Space heating.....	1,736	1,787
							Space cooling.....	179	234
							Industrial processing.....	82	231
							Other.....	380	581

Source: U.S. Energy Information Administration, *Energy Data Report, Solar Collector Manufacturing Activity*, July through December 1979.

**NO. 1059. NUCLEAR POWER PLANTS—NUMBER, CAPACITY, AND GENERATION, 1965 TO 1979,  
AND PROJECTIONS, 1980 TO 1990**

ITEM	1965	1970	1973	1974	1975	1976	1977	1978	1979	1980	1985	1990
Operating reactors <sup>1</sup> .....	10	19	37	48	51	59	68	71	71	75	112	139
Capacity <sup>1</sup> (mil. kWh).....	.9	6.5	21.0	31.6	39.8	42.9	49.9	53.5	54.6	57.8	98.3	127.7
Percent of total electric utility capacity.....	.4	1.9	4.8	6.6	7.8	8.1	9.0	9.2	9.1	9.3	12.4	15.7
Electricity generated (bil. kWh).....	3.7	21.8	83.3	114	173	191	251	276	255	273	487	709
Percent of total electric utility generation.....	.4	1.4	4.5	6.1	9.0	9.4	11.8	12.5	11.4	11.8	18.0	21.9

<sup>1</sup> As of year end. Includes plants shut down permanently or for extended periods.

Source: U.S. Energy Information Administration, *Annual Report to Congress*, vols. II and III.

**NO. 1060. COMMERCIAL NUCLEAR POWER GENERATION, BY COUNTRY: 1970 TO 1979**

(Generation for calendar years; other data as of December, Excludes Communist countries)

COUNTRY	REACTORS			ELECTRICITY GENERATED <sup>1</sup> (bil. kWh)					GROSS CAPACITY (1,000 kW)				
	1970	1975	1979	1970	1975	1977	1978	1979	1970	1975	1977	1978	1979
<b>Total</b> .....	<b>64</b>	<b>140</b>	<b>195</b>	<b>73.9</b>	<b>329.0</b>	<b>469.4</b>	<b>550.4</b>	<b>577.4</b>	<b>15,186</b>	<b>69,196</b>	<b>91,701</b>	<b>105,675</b>	<b>115,894</b>
U.S.	15	55	72	23.2	181.8	262.6	292.7	279.7	5,211	39,399	48,344	54,133	54,191
Argentina.....	-	1	1	-	2.5	1.6	2.9	2.7	-	340	340	367	358
Belgium.....	1	3	3	.3	6.8	11.9	12.5	11.3	11	1,744	1,744	1,744	1,744
Canada.....	1	5	9	.9	13.2	26.8	32.9	38.4	220	2,380	4,787	4,788	5,588
Germany, F.R. of.....	4	7	11	5.3	21.7	35.8	32.5	40.3	907	3,452	6,413	6,413	8,346
Gr. Britain.....	27	29	33	26.5	30.5	38.0	36.6	38.5	4,783	6,135	8,102	8,761	9,012
Finland.....	-	-	2	-	-	2.7	3.2	6.6	-	-	440	465	1,148
France.....	4	10	16	5.7	18.3	17.9	30.5	39.9	1,606	3,066	4,928	6,842	8,756
India.....	2	3	3	2.2	2.5	2.8	2.3	2.9	400	620	620	620	620
Italy.....	3	3	4	3.3	3.8	3.4	4.4	2.6	631	639	630	1,490	1,490
Japan.....	3	10	22	3.3	16.7	27.3	50.9	62.0	828	5,278	7,994	11,502	15,121
Netherlands.....	1	2	2	.4	3.3	3.7	4.1	3.5	55	523	523	523	523
Pakistan.....	-	1	1	-	.5	.3	.2	.1	-	137	137	137	137
South Korea.....	-	-	1	-	-	-	2.3	3.1	-	-	-	587	587
Spain.....	1	3	3	.9	7.5	6.5	7.6	6.7	160	1,117	1,117	1,117	1,117
Sweden.....	1	5	6	(2)	12.0	19.9	23.8	21.0	12	3,312	3,882	3,850	3,850
Switzerland.....	1	3	4	1.9	7.7	8.1	8.3	11.8	364	1,054	1,064	1,064	2,034
Taiwan.....	-	-	2	-	-	.1	2.7	6.3	-	-	636	1,272	1,272

- Represents zero. Z Less than 50 million kWh. <sup>1</sup> Gross.

Source: McGraw-Hill, Inc., New York, N.Y., *Nucleonics Week*, December issues. (Copyright.)

**NO. 1061. URANIUM SUPPLY, ENRICHMENT, AND DISCHARGED COMMERCIAL REACTOR FUEL:  
1965 TO 1979**

(Years ending Dec. 31. Metric ton=1.102 short tons or .984 long ton)

ITEM	UNIT	1965	1970	1973	1974	1975	1976	1977	1978	1979
<b>URANIUM (U<sub>3</sub>O<sub>8</sub>)</b>										
Production.....	Sh. tons.....	10,442	12,005	13,235	11,528	11,800	12,747	14,940	18,500	18,500
Exports.....	Sh. tons.....	-	2,100	600	1,500	500	600	2,000	3,400	2,600
Imports.....	Sh. tons.....	4,000	-	-	-	700	1,800	2,800	2,600	1,700
Delivered price.....	Dol./lb.....	(NA)	(NA)	7.10	7.65	10.50	16.10	19.75	21.60	21.60
<b>ENRICHMENT <sup>1</sup></b>										
Enriched product.....	Metric tons.....	146	1,548	4,706	1,970	2,707	2,685	3,117	3,023	3,482
For domestic customers.....	Metric tons.....	47	1,176	1,007	1,124	1,190	1,090	1,881	1,506	2,270
For foreign customers.....	Metric tons.....	99	372	3,699	846	1,517	1,595	1,236	1,517	1,212
Cost of services.....	Mil. dol.....	(NA)	83.8	252.5	719.7	562.6	668.9	659.1	877.2	1,234.0
<b>DISCHARGED COMMERCIAL REACTOR FUEL <sup>1</sup></b>										
Annual discharge.....	Metric tons.....	(NA)	67	149	454	547	730	911	1,131	1,390
Inventory, yearend.....	Metric tons.....	(NA)	2 161	583	1,037	1,584	2,314	3,225	4,356	5,746

- Represents zero. NA Not available.

<sup>1</sup> Uranium content. Source: Nuclear Assurance Corporation, Atlanta, Ga.

<sup>2</sup> Allows for reprocessing.

Source: Except as noted, Energy Information Administration, *Annual Report to Congress*, vol. II; U.S. Dept. of Energy, *Statistical Data of the Uranium Industry, 1979; Uranium Industry Seminar Proceedings, 1978*; and unpublished data.